



Common Relational Information Schema (CRIS) Version 3.2.3 Specification

Production Release

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Table Of Contents

	<u>Page</u>
Introduction	16
Data Types	16
Normalization	17
Obsolete/Deprecated Entities from CRIS V3.1	17
#160 sample_test_type	17
#310 mloc_test_alrm_rg	17
#122 meas_sample_test	17
#321 test_al_assoc_reg	17
#191 test_nres_alarm	17
#192 test_bres_alarm	17
#161 test_result_ntype	17
#164 test_num_results	17
#286 test_result_ctype	17
#285 test_chr_results	17
#167 test_result_btype	17
#168 test_blob_results	17
#214 test_histogram	17
#287 test_remark	17
#140 work_order_step	17
#201 wo_step_sg_recomm	17
#202 wo_step_as_recomm	17
#180 wo_step_audit	17
#178 wo_step_num_data	17
#179 wo_step_chr_data	17
#141 wo_step_work_req	17
#183 work_req_sol_pack	17
#190 olist_blob_data	17
Reference Entities	18
#583 cris_instance	19
#1 enterprise_type	20
#3 site_type	21
#4 site_type_child	22
#5 mim_access_type	24
#12 row_status_type	25
#16 manufacturer	26
#17 segment_type	28

#98	segment_type_child	29
#224	sg_type_blob_data	31
#22	ref_unit_type	33
#23	eng_unit_type	34
#24	eng_unit_enum	35
#25	sg_num_dat_type	36
#26	sg_chr_dat_type	37
#29	sg_as_event_type	38
#31	asset_type	39
#99	asset_type_child	40
#225	as_type_blob_data	42
#33	as_num_dat_type	44
#34	as_chr_dat_type	45
#46	tr_axis_dir_type	46
#51	data_source_type	47
#53	trans_type	48
#55	meas_loc_type	49
#354	severity_level_type	50
#61	alarm_type	51
#64	signal_proc_type	52
#66	sp_num_dat_type	53
#70	average_type	54
#71	ave_weight_type	55
#72	ave_synch_type	56
#73	src_detect_type	57
#74	post_scaling_type	58
#80	window_type	59
#88	data_qual_type	60
#355	health_level_type	61
#356	priority_level_type	62
#107	ev_num_data_type	63
#108	work_task_type	64
#109	agent_type	66
#110	agent_role_type	67
#119	work_audit_type	68
#121	event_type_child	69
#585	work_item_type	71
#128	work_manage_type	72
#150	wtask_type_child	74
#151	change_patt_type	76

#162	blob_data_type	77
#170	work_num_data_type	78
#171	work_chr_data_type	79
#182	solution_pack_type	80
#212	sample_ndata_type	81
#215	mim_tech_type	82
#216	mim_support_type	83
#217	mim_data_cat_type	84
#261	sp_stream_type	85
#283	network_type	86
#290	sample_cdata_type	87
#291	mevent_blob_type	88
#292	highlight_type	89
#323	purchase_cond_type	90
#324	as_readiness_type	91
#325	mloc_calc_type	92
#326	mim_func_type	93
#327	mim_interface_type	94
#329	mloc_type_child	95
#333	blob_content_type	97
#7	amb_set_type	98
#8	log_connector_type	99
#9	ev_chr_data_type	100
#10	mloc_num_data_type	101
#11	mloc_chr_data_type	102
#348	gps_datum_type	103
#349	gps_precision_type	104
#350	gps_elevation_type	105
#401	logistic_resource_type	106
#581	logistic_resource_type_child	108
#402	mat_item_conn_type	110
#403	resource_num_dat_type	111
#404	resource_chr_dat_type	112
#462	ord_list_num_dat_type	113
#463	ord_list_chr_dat_type	114
#467	ordered_list_type	115
#468	test_type	117
#469	test_comp_type	120
#470	test_comp_group_type	124
#486	criticality_scale_type	125

#492	eng_study_type	126
#491	eng_study_code	127
#493	eng_study_entry	128
#562	network_conn_type	130
#571	standard_data_type	131
#576	network_num_dat_type	132
#577	network_chr_dat_type	133
Enterprise Entities		134
#2	enterprise	135
Site Entities		137
#13	site	138
Database Entities		141
#15	site_database	142
#328	db_mim_interface	143
#481	valid_as_type_on_sg_type	144
Segment Entities		146
#18	segment	147
#19	segment_child	149
#27	segment_num_data	150
#28	segment_chr_data	152
#188	segment_blob_data	154
Asset Entities		156
#32	model	157
#97	model_child	159
#35	model_num_data	161
#36	model_chr_data	163
#220	model_blob_data	165
#37	asset	167
#38	asset_child	170
#41	asset_num_data	171
#42	asset_chr_data	173
#189	asset_blob_data	175
#44	asset_on_segment	177
#482	asset_model_history	179
#45	asset_owner	180
#117	agent	183
#118	agent_role	184
#223	agent_role_with_agent	186

Network (Agent Role Views and As-Designed/As-Built/As-Maintained Engineering Lifecycle Views) Entities	188
#284 network	189
#561 child_network_config_history	190
#308 sg_network_connect	192
#309 as_network_connect	194
#578 network_num_data	196
#579 network_chr_data	198
#580 network_blob_data	200
#483 segment_config_network_history	202
#484 model_config_network_history	204
#485 asset_config_network_history	206
#560 ag_role_type_config_net_hist	207
Logged Event (Fact) Entities	209
#30 segment_event	210
#43 asset_event	212
#152 segment_event_link	214
#153 asset_event_link	216
#111 sg_event_num_data	218
#113 as_event_num_data	220
#357 sg_event_chr_data	222
#358 as_event_chr_data	224
#453 sg_event_blob_data	226
#454 as_event_blob_data	228
#294 sg_ev_meas_event	230
#295 as_ev_meas_event	232
Measurement Setup Entities	234
#52 data_source	235
#54 transducer	236
#47 meas_location	238
#344 meas_loc_num_data	242
#345 meas_loc_chr_data	244
#346 meas_loc_blob_data	246
#334 meas_loc_assoc	248
#56 meas_event	250
#57 meas_event_rem	253
#100 meas_event_assoc	254
#58 mevent_num_data	256
#498 binary_num_data	258

#59	mevent_chr_data	261
#165	mevent_blob_data	263
#221	blob_grid_data	265
#65	signal_proc_blk	267
#67	sp_blk_num_data	268
#68	sp_stream	270
#69	sp_stream_block	271
#75	sp_ampl_data	273
#81	sp_fft_data	275
#83	sp_time_data	278
#85	sp_cpb_data	281
#472	test	284
#473	test_component	286
#474	test_comp_group	288
#475	test_comp_in_group	290
Ordered List / Bill of Resources Entities		292
#48	ordered_list	293
#572	ordered_list_child	294
#464	ord_list_num_data	296
#465	ord_list_chr_data	298
#466	ord_list_blob_data	300
#49	meas_loc_list	302
#50	mloc_unit_list	303
#89	sp_ampl_setup	305
#93	mloc_ulist_sp_ampl	307
#90	sp_fft_setup	309
#94	mloc_ulist_sp_fft	311
#91	sp_time_setup	313
#95	mloc_ulist_sp_time	315
#92	sp_cpb_setup	317
#96	mloc_ulist_sp_cpb	319
Alarm Entities		321
#317	num_alarm_reg	322
#341	num_al_reg_num_data	324
#342	num_al_reg_chr_data	326
#343	num_al_reg_blob_data	328
#319	spa_alarm_reg	330
#471	mloc_test_comp_alarm_rg	333
#63	mevent_num_alarm	336

#318	num_al_assoc_reg	338
#79	sp_ampl_alarm	340
#320	spa_al_assoc_reg	342
#120	blob_alarm	344
#293	blob_area_alarm	346
#478	test_comp_alarm_rg	348
#476	test_comp_alarm	350
#477	test_comp_alarm_assoc_mloc_rg	352
#479	test_comp_alarm_assoc_num_rg	354
Sample Data Entities		356
#166	meas_sample	357
#163	meas_sample_child	358
#213	sample_num_data	360
#288	sample_chr_data	362
#289	sample_remark	364
Engineering Study (RCM, FMECA, Hypothesized Fault Information) Entities		365
#264	sg_type_function	366
#265	as_type_function	368
#268	model_function	370
#226	segment_function	372
#227	asset_function	373
#240	sg_typ_hyp_event	374
#241	as_typ_hyp_event	376
#246	model_hyp_event	378
#230	sg_hyp_event	380
#231	as_hyp_event	382
#336	sg_hyp_ev_amb_set	384
#337	sg_hyp_ev_log_conn	386
#242	sg_typ_hyp_ev_link	388
#243	as_typ_hyp_ev_link	390
#247	model_hyp_ev_link	392
#232	sg_hyp_event_link	394
#233	as_hyp_event_link	396
#244	sg_typ_hyp_ev_num_data	398
#245	as_typ_hyp_ev_num_data	400
#248	model_hyp_ev_num_data	402
#234	sg_hyp_ev_num_data	404
#235	as_hyp_ev_num_data	406
#266	sg_typ_hyp_ev_func	408

#267	as_typ_hyp_ev_func	410
#269	model_hyp_ev_func	412
#236	sg_hyp_ev_sg_func	414
#237	as_hyp_ev_as_func	416
#494	valid_sg_type_eng_study_entry	418
#495	valid_segment_eng_study_entry	420
#496	valid_as_type_eng_study_entry	422
#497	valid_asset_eng_study_entry	424
#582	valid_model_eng_study_entry	426
Diagnosis/Prognosis (Proposed Event) Entities		428
#250	sg_proposed_event	429
#251	as_proposed_event	431
#338	sg_prop_ev_amb_set	433
#339	sg_prop_ev_log_conn	435
#340	sg_pr_ev_amb_set_sg_ev	437
#252	sg_prop_ev_link	439
#253	as_prop_ev_link	441
#254	sg_prop_ev_ndat	443
#255	as_prop_ev_ndat	445
#499	sg_prop_event_chr_data	447
#557	as_prop_event_chr_data	449
#500	sg_prop_event_blob_data	451
#501	as_prop_event_blob_data	453
#256	sg_prop_ev_hyp_ev	455
#257	as_prop_ev_hyp_ev	457
#258	sg_prop_ev_sg_ev	458
#259	as_prop_ev_as_ev	460
#262	sg_prop_ev_sg_func	462
#263	as_prop_ev_as_func	464
#296	sg_prop_ev_meas_ev	466
#297	as_prop_ev_meas_ev	468
#228	sg_ev_sg_func_link	462
#229	as_ev_as_func_link	472
Health and Estimated Life Assessment Entities		474
#127	segment_health	475
#129	asset_health	477
#146	sg_remaining_life	479
#147	as_remaining_life	481
#298	sg_health_sg_event	483

#299	as_health_as_event	485
#300	sg_health_sg_prop_ev	487
#301	as_health_as_prop_ev	489
Recommendation Entities		491
#274	sg_type_recomm	492
#275	as_type_recomm	494
#276	model_recomm	496
#184	sg_recommendation	498
#185	as_recommendation	500
#316	ol_recommendation	502
#277	sg_type_rec_remark	504
#278	as_type_rec_remark	505
#279	model_rec_remark	506
#130	sg_rec_remark	507
#131	as_rec_remark	508
#322	ol_rec_remark	509
#313	sg_type_rec_blob	511
#314	as_type_rec_blob	513
#315	model_rec_blob	515
#311	sg_rec_blob	517
#312	as_rec_blob	519
#280	sg_type_rec_hyp_ev	521
#281	as_type_rec_hyp_ev	523
#282	model_rec_hyp_ev	525
#270	sg_rec_sg_hyp_ev	527
#271	as_rec_as_hyp_ev	529
#272	sg_rec_sg_prop_ev	531
#273	as_rec_as_prop_ev	533
#208	sg_rec_sg_event	535
#209	as_rec_as_event	537
#302	sg_rec_sg_health	539
#303	as_rec_as_health	541
#304	sg_rec_mevent	543
#305	as_rec_mevent	545
Work Management Entities		547
#181	solution_package	548
#516	solution_package_num_data	550
#524	solution_package_chr_data	552
#531	solution_package_blob_data	554

#507	solution_package_step	556
#517	solution_package_step_num_data	558
#523	solution_package_step_chr_data	560
#530	solution_package_step_blob_dat	562
#511	sol_pack_step_ord_list_needed	564
#330	as_sol_pack	566
#331	sg_sol_pack	567
#332	ol_sol_pack	568
#6	request	569
#515	request_num_data	571
#519	request_chr_data	573
#532	request_blob_data	575
#450	request_ord_list_needed	577
#539	request_for_sg_prop_event	579
#543	request_for_as_prop_event	581
#547	request_for_sg_event	583
#551	request_for_as_event	585
#134	sg_req_for_work	587
#135	as_req_for_work	590
#148	ol_req_for_work	593
#136	work_request	596
#172	work_req_num_data	599
#173	work_req_chr_data	601
#584	work_req_blob_data	603
#174	work_request_audit	605
#563	work_request_for_sg_prop_event	607
#564	work_request_for_as_prop_event	609
#567	work_request_for_sg_event	611
#568	work_request_for_as_event	613
#186	work_req_sg_recomm	615
#197	work_req_as_recomm	617
#139	work_order	619
#159	work_order_child	622
#175	work_order_num_data	624
#176	work_order_chr_data	626
#528	work_order_blob_data	628
#177	work_order_audit	630
#565	work_order_for_sg_prop_event	632
#566	work_order_for_as_prop_event	634
#569	work_order_for_sg_event	636

#570	work_order_for_as_event	638
#503	work_step	640
#518	work_step_num_data	642
#522	work_step_chr_data	644
#529	work_step_blob_data	646
#509	work_step_ord_list_needed	648
#506	work_step_audit	650
#505	work_step_sg_recomm	652
#504	work_step_as_recomm	654
#144	sg_completed_work	656
#145	as_completed_work	658
#187	ol_completed_work	660
#460	sg_completed_work_asset_util	662
#456	sg_completed_work_num_data	664
#457	sg_completed_work_chr_data	666
#458	sg_completed_work_blob_data	668
#461	sg_completed_work_olist_used	670
#455	sg_completed_work_olist_rem	672
#540	sg_comp_work_for_sg_prop_event	674
#544	sg_comp_work_for_as_prop_event	676
#459	sg_completed_work_for_sg_event	678
#552	sg_completed_work_for_as_event	680
#559	as_completed_work_asset_util	682
#514	as_completed_work_num_data	684
#521	as_completed_work_chr_data	686
#527	as_completed_work_blob_data	688
#534	as_completed_work_olist_used	690
#537	as_completed_work_olist_rem	692
#541	as_comp_work_for_sg_prop_event	694
#546	as_comp_work_for_as_prop_event	696
#549	as_completed_work_for_sg_event	698
#554	as_completed_work_for_as_event	700
#558	ol_completed_work_asset_util	702
#513	ol_completed_work_num_data	704
#520	ol_completed_work_chr_data	706
#526	ol_completed_work_blob_data	708
#535	ol_completed_work_olist_used	710
#538	ol_completed_work_olist_rem	712
#542	ol_comp_work_for_sg_prop_event	714
#545	ol_comp_work_for_as_prop_event	716

#550	ol_completed_work_for_sg_event	718
#553	ol_completed_work_for_as_event	720
GeoSpatial Entities		722
#347	geo_position	723
#351	gps_location	724
#352	segment_geo_position	726
#353	asset_geo_position	728
Logistic Resource Entities		730
#444	logistic_resource	731
#426	resource_child	733
#427	resource_num_data	735
#428	resource_chr_data	737
#429	resource_blob_data	739
#445	materiel_master_item	741
#415	materiel_item	742
#487	valid_model_for_mat_item	744
#488	valid_mat_item_on_sg	746
#490	valid_mat_item_on_sg_num_data	748
#555	valid_mat_item_on_sg_chr_data	750
#556	valid_mat_item_on_sg_blob_data	752
#446	ord_list_resource	754
#447	ord_list_resource_num_data	756
#448	ord_list_resource_chr_data	758
#449	ord_list_resource_blob_data	760
#573	sg_config_ord_list_history	762
#574	as_config_ord_list_history	763
#575	md_config_ord_list_history	764
Entity Cross Reference		
Numerical		766
Alphabetical		778

Introduction

This document describes the design of MIMOSA's OSA-EAI Common Relational Information Schema (CRIS) Version 3.2. The normative standard is the actual XML schema referenced as [OSA-EAI-CRIS-XSD-V03-2].

It is important to keep in mind that CRIS represents the neutral XML language used to communicate between applications. OSA-EAI does not mandate that each application implement an internal physical data store which is identical to CRIS.

Data Types

Data types are defined using the following XML primitive data types:

Data Type	Description
HEXSTRING(X)	Hexadecimal character string data of fixed length X, representing X/2 bytes
STRING(X)	Character string data of fixed length X
STRING(X:Y)	Character string data of variable length with a minimum length of X and a maximum length of Y
BASE64BINARY	Long variable-length binary data (picture files, abstract data, etc)
USHORT	Short unsigned integer; 16 bits (0 to 65,535)
SHORT	Short signed integer; 16 bits (-32,768 to 32,767)
UINT	Long unsigned integer; 32 bits (0 to 4,294,967,295)
DOUBLE	DOUBLE-precision floating point data; 64 bits
DATETIME(19:29)	<p>Date/time in the following ISO 8601 variable length character form: YYYY-MM-DDThh:mm:ss{.fffffffff}</p> <p>where:</p> <p>YYYY = four-digit year</p> <p>MM = two-digit month (01=January, etc.)</p> <p>DD = two-digit day of month (01 through 31)</p> <p>hh = two digits of hour (00 through 23)</p> <p>(am/pm NOT allowed)</p> <p>T = literal "T" character</p> <p>mm = two digits of minute (00 through 59)</p> <p>ss = two digits of second (00 through 59)</p> <p>fffffffff = represents an optional decimal fraction of a second to the billionth of a second</p> <p>All characters through the second must be specified. Negative DATETIME is not supported. No timezone suffixes in the ISO 8601 specification, such as "Z" (representing Coordinated Universal Time (UTC)), are supported since the CRIS specification explicitly manages local offset hours and minutes as distinct attributes associated with the UTC (referred to in the CRIS specification prefixed with "GMT") attribute.</p> <p>Note that the actual difference between the new DATETIME(19:29) data type and the CRIS V2.1 fixed-length STRING(29) form is the separator between date and time information is now a literal "T" instead of a blank space, the separator for the billionths of seconds is now a dot (".") instead of a dash ("-").</p>

Obsolete/Deprecated Entities from CRIS V3.1

#160 sample_test_type
#310 mloc_test_alarm_rg
#122 meas_sample_test
#321 test_al_assoc_reg
#191 test_nres_alarm
#192 test_bres_alarm
#161 test_result_ntype
#164 test_num_results
#286 test_result_ctype
#285 test_chr_results
#167 test_result_btype
#168 test_blob_results
#214 test_histogram
#287 test_remark
#140 work_order_step
#201 wo_step_sg_recomm
#202 wo_step_as_recomm
#180 wo_step_audit
#178 wo_step_num_data
#179 wo_step_chr_data
#141 wo_step_work_req
#183 work_req_sol_pack
#190 olist_blob_data

Reference Entities

#583 cris_instance

Description: CRIS Instance Entity

This Entity should contain 1 entry which represents the version of CRIS utilized.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
database_version	Version of CRIS instance in "x.x.x" format – Major version, subversion, and revision level separated with periods	STRING(0:254) NOT NULL
<u>Primary Key</u>	<u>Attribute(s)</u>	
	database_version	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#1 enterprise_type

Description: Enterprise Type Entity

This entity stores the various types of enterprises.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ent_db_site	Foreign key reference to Site_Database.db_site which identifies the source database generating this entry. Included in composite primary key.	HEXSTRING(16) NOT NULL
ent_db_id	Foreign key reference to Site_Database.db_id which identifies the source database generating this entry. Included in composite primary key.	UINT NOT NULL
ent_type_code	Unique integer entry relative to the source database. Included in composite primary key.	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ent_db_site, ent_db_id, ent_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ent_db_site, ent_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#3 site_type

Description: Site Type Entity

This entity stores the various types of sites including facilities, plants, and fleets.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
st_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
st_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
st_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
mobile_yn	Mobile platform flag	STRING(1) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	st_db_site, st_db_id, st_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	st_db_site, st_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	mobile_yn	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#4 site_type_child

Description: Site Type Child Entity

This entity shows the parent-child relationship structures of the logical taxonomy of site types – from the general to more specific. This entity will support various site classification schemes as desired by different databases.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
st_db_site	Foreign key reference to Site_Type.st_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
st_db_id	Foreign key reference to Site_Type.st_db_id, Included in composite primary key	UINT NOT NULL
st_type_code	Foreign key reference to Site_Type.st_type_code, Included in composite primary key	UINT NOT NULL
child_st_db_site	Foreign key reference to Site_Type.st_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_st_db_id	Foreign key reference to Site_Type.st_db_id, Included in composite primary key	UINT NOT NULL
child_st_type_code	Foreign key reference to Site_Type.st_type_code Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	st_db_site, st_db_id, st_type_code, child_st_db_site, child_st_db_id, child_st_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_type (st_db_site, st_db_id, st_type_code)	st_db_site, st_db_id, st_type_code

	site_type (st_db_site, st_db_id, st_type_code)	child_st_db_site, child_st_db_id, child_st_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#5 mim_access_type

Description: MIMOSA OSA-EAI Server Applications Access Type Entity

This entity stores the various types of access (read-only, write-only, read/write) which MIMOSA OSA-EAI server applications can support.

Note: MIMOSA populates and maintains this entity. No user-defined entities are supported.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
acc_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	acc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#12 row_status_type

Description: Row Status Type Code

The row status code is a foreign key in every other entity to define the status of the row. These codes will not change. The entries will include the following:

- 1 = Active Row
- 2 = Inactive Row
- 3 = Soft Deleted Row

Note: MIMOSA populates and maintains this entity. No user-defined entries are supported

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
rstat_type_cod	Row status type code included in composite primary key.	USHORT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	rstat_type_cod	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#16 manufacturer

Description: Manufacturer Entity

This entity provides basic contact information for the manufacturers list.

Note: The optional field `primary_sic` relates to the primary Standard Industry Code (SIC) for the site. This code is linked in a SIC reference book to the type of industry the site is associated with.

Note: MIMOSA populates and maintains the enterprise zero, site zero (`mf_db_site = "0000000000000000"`) entries in this entity.

Note: On address lines, line breaks are denoted by a backslash (“\”) character.

Attribute	Description	Size/Type
<code>mf_db_site</code>	Foreign key reference to <code>Site_Database.db_site</code> , Included in composite primary key	HEXSTRING(16) NOT NULL
<code>mf_db_id</code>	Foreign key reference to <code>Site_Database.db_id</code> , Included in composite primary key Included in composite primary key	UINT NOT NULL
<code>manuf_code</code>	Included in composite primary key	UINT NOT NULL
<code>user_tag_ident</code>	Short user-defined tag/identifier	STRING(0:254)
<code>manuf_trade_name</code>	Trade name of the manufacturer	STRING(0:254) NOT NULL
<code>company_name</code>	Company/Corporate name of the manufacturer	STRING(0:254) NOT NULL
<code>phys_addr</code>	Physical Street Address Lines (multiple lines separated with a \)	STRING(0:254)
<code>phys_city_name</code>	Physical Street Address City	STRING(0:254)
<code>phys_state_abbr</code>	Physical Street Address State/Province	STRING(0:254)
<code>phys_postal_code</code>	Physical Street Address Postal Code	STRING(0:254)
<code>phys_country_abbr</code>	Physical Street Address Country Code	STRING(0:254)
<code>mail_addr</code>	Mailing Address Lines (multiple lines separated with a \)	STRING(0:254)
<code>mail_city_name</code>	Mailing Address City	STRING(0:254)
<code>mail_state_abbr</code>	Mailing Address State/Province	STRING(0:254)
<code>mail_postal_code</code>	Mailing Address Postal Code	STRING(0:254)
<code>mail_country_abbr</code>	Mailing Address Country Code	STRING(0:254)
<code>us_phone_number</code>	Phone Number, US format (xxx-xxx-xxxx)	STRING(0:254)
<code>int_ph_country_no</code>	Phone Number, International format, Country Code Number	STRING(0:254)
<code>int_ph_city_no</code>	Phone Number, International format, City Code Number	STRING(0:254)
<code>int_ph_local_no</code>	Phone Number, International format, Local Number	STRING(0:254)
<code>us_fax_number</code>	Fax Number, US format (xxx-xxx-xxxx)	STRING(0:254)

int_fax_country_no	Fax Number, International format, Country Code Number	STRING(0:254)
int_fax_city_no	Fax Number, International format, City Code Number	STRING(0:254)
int_fax_local_no	Fax Number, International format, Local Number	STRING(0:254)
business_desc	Major line of business	STRING(0:254)
primary_sic	Standard Industry Code, Primary	STRING(0:254)
lc_alt_sic1	Standard Industry Code, Alternate #1	STRING(0:254)
lc_alt_sic2	Standard Industry Code, Alternate #2	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mf_db_site, mf_db_id, manuf_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mf_db_site, mf_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#17 segment_type

Description: Service Segment Type Entity

This entity standardizes the name of service segments: production processes, their inputs and outputs, physical structures, systems, mechanical devices, and mechanical device areas. Many of these segments appear on the engineering blueprints of the site. These are referred to as “service segments” in this model. Service segment types can be thought of as the labels which are used in plant layout drawings showing the process flow, machine trains, and physical buildings in a plant.

Note: "Spares Area/Storeroom/Stock Room/Parts Crib" where spare assets are stored are segments with a segment type in the family tree of ('0000000000000000',1,0)

Note: MIMOSA populates and maintains the enterprise zero, site zero (sg_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_mnemonic	1-3 character default mnemonic code	STRING(3)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sg_db_site, sg_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#98 segment_type_child

Description: Segment Type Child Entity

This entity shows the parent-child relationships structure of the logical taxonomy of segment types - from the general to more specific. This entity will support various classification schemes as desired by different MIMOSA databases.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
child_sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
child_sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code, child_sg_db_site, child_sg_db_id, child_sg_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_type(sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code

	segment_type(sg_db_site, sg_db_id, sg_type_code)	child_sg_db_site, child_sg_db_id, child_sg_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#224 sg_type_blob_data

Description: Segment Type Binary Data Related To a Specific Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, sg_db_site, sg_db_id, sg_type_code, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#22 ref_unit_type

Description: Reference Unit Type Entity

Note: MIMOSA populates and maintains this entity. No user-defined entries are supported.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ru_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
physics_descr		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ru_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#23 eng_unit_type

Description: Engineering Unit Type

Note: MIMOSA populates and maintains the enterprise zero, site zero (eu_db_site = “0000000000000000”) entries in this entity. To convert between units, a multiplication factor from reference plus an offset scalar is provided in the attributes mult_fact_to_ref and refer_off_to_ref, respectively.

$$Y[\text{eng units}] = (X[\text{ref units}] * \text{mult_fact_to_ref}) + \text{refer_off_to_ref}$$

$$Y[\text{ref units}] = (X[\text{eng units}] - \text{refer_off_to_ref}) / \text{mult_fact_to_ref}$$

Attribute	Description	Size/Type
eu_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Included in composite primary key	UINT NOT NULL
ru_type_code	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT NOT NULL
mult_fact_to_ref		DOUBLE NOT NULL
refer_off_to_ref		DOUBLE NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	eu_db_site, eu_db_id, eu_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	eu_db_site, eu_db_id
	ref_unit_type (ru_type_code)	ru_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#24 eng_unit_enum

Description: Engineering Unit Enumerated List Entity

This entity stores the alpha-numeric data names for engineering units which are of reference unit type “Enumerated List”.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code, Included in composite primary key	UINT NOT NULL
data_value	Included in composite primary key	UINT NOT NULL
data_name		STRING(0:254) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	eu_db_site, eu_db_id, eu_type_code, data_value	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#25 sg_num_dat_type

Description: Segment Numeric Data Type Entity

This entity defines all the numeric data related to a segment.

Note: MIMOSA maintains the enterprise zero, site zero (sn_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sn_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sn_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sn_db_site, sn_db_id, sn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sn_db_site, sn_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#26 sg_chr_dat_type

Description: Segment Character Data Type Entity

This entity will define all the alpha-numeric data related to a segment.

Note: MIMOSA maintains the enterprise zero, site zero (sc_db_site = “0000000000000000”) in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sc_db_site, sc_db_id, sc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sc_db_site, sc_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#29 sg_as_event_type

Description: Segment/Asset Event Type Entity

This entity holds the different types of possible events for segments and assets. These include both operating events and failure events such as; Logged Operating Events, Failure “Modes”, Failure “Effects”, Failure “Mechanisms”, Defect Events Abnormal Situations, Alarm Events, etc. An event is NOT work performed by an entity, but a log of the actual events which occurred at a service segment or asset over time.

Note: MIMOSA populates and maintains the enterprise zero, site zero (ev_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ev_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ev_db_site, ev_db_id, event_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ev_db_site, ev_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#31 asset_type

Description: Asset Type Entity

Note: MIMOSA populates and maintains the enterprise zero, site zero (as_db_site = "0000000000000000") entries in this entity.

Note: "Spares Area/Storeroom/Stock Room/Parts Crib" where spare assets are stored as assets with an asset type in the family tree of (0,1,0)

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_mnemonic		STRING(3)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_db_site, as_db_id, as_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	as_db_site, as_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#99 asset_type_child

Description: Asset Type Child Entity

This entity shows the parent-child relationships structure of the logical taxonomy of asset types - from the general to more specific. This entity will support various classification schemes as desired by different MIMOSA databases.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
child_as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
child_as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_db_site, as_db_id, as_type_code, child_as_db_site, child_as_db_id, child_as_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code

	asset_type (as_db_site, as_db_id, as_type_code)	child_as_db_site, child_as_db_id, child_as_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#225 as_type_blob_data

Description: Asset Type Binary Data Related To a Specific Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this	HEXSTRING(16)

	entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, as_db_site, as_db_id, as_type_code, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#33 as_num_dat_type

Description: Asset Numeric Data Type Entity

This entity will define all the numeric data related to an asset or a model of an asset.

Note: MIMOSA maintains the enterprise zero, site zero (an_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
an_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
an_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
an_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	an_db_site, an_db_id, an_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	an_db_site, an_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#34 as_chr_dat_type

Description: Asset Character Data Type Entity

This entity defines all the alpha-numeric character data related to an asset or a model of an asset.

Note: MIMOSA maintains the enterprise zero, site zero (ac_db_site = “0000000000000000”) in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ac_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ac_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ac_type_code	Included in composite primary key	UINT NOT NULL
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ac_db_site, ac_db_id, ac_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ac_db_site, ac_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#46 tr_axis_dir_type

Description: Transducer Sensitive Axis Direction Type Entity

This entity stores types of sensitive axis directions which relate to transducers placed at measurement locations on machinery. The axis direction to use for monitoring rotating machinery should conform to the MIMOSA guidelines as specified in MIMOSA Document MIM-VB-001.

Note: MIMOSA populates and maintains the enterprise zero, site zero (ta_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ta_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ta_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ta_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ta_db_site, ta_db_id, ta_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ta_db_site, ta_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#51 data_source_type

Description: Data Source Type Entity

Note: MIMOSA populates and maintains the enterprise zero, site zero (ds_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ds_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ds_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ds_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ds_db_site, ds_db_id, ds_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ds_db_site, ds_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#53 trans_type

Description: Transducer Type Entity

A subset of the asset type entity which defines the types of assets which are valid types of transducers.

Note: The user_tag_ident field should store the abbreviation for the transducer type as defined for vibration in MIMOSA Document MIM-VB-001.

Note: MIMOSA populates and maintains the enterprise zero, site zero (tr_db_site = "0000000000000000") entries in this entity.

Attribute	Description	Size/Type
tr_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tr_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
tr_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tr_db_site, tr_db_id, tr_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_type (as_db_site, as_db_id, as_type_code)	tr_db_site, tr_db_id, tr_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#55 meas_loc_type

Description: Measurement Location Type Entity

This entity stores all the various types of measurement locations.

Note: MIMOSA populates and maintains all site zero (ml_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ml_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ml_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ml_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ml_db_site, ml_db_id, ml_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ml_db_site, ml_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#354 severity_level_type

Description: Severity Level Type Entity

This entity stores the entries possible for severity levels for alarms, events, etc. Entities #60 in CRIS V3.0 (alarm_severity) and #103 (severity_type) have been replaced by this entity in V3.1.

Note: MIMOSA populates and maintains all enterprise zero, site zero (severity_lev_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
severity_lev_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
severity_lev_db_id	Included in composite primary key	UINT NOT NULL
severity_lev_type_code	Included in composite primary key	UINT NOT NULL
severity_scale	Severity on a 0...100 scale where 100=maximum	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#61 alarm_type

Description: Alarm Type Entity

This entity stores the different types of alarms used by a database, along with its severity ranking and name.

Note: MIMOSA populates and maintains the enterprise zero, site zero (al_db_site = “0000000000000000”) entries for this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
al_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Included in composite primary key	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	al_db_site, al_db_id, al_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	al_db_site, al_db_id
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#64 signal_proc_type

Description: Signal Process Type Entity

This entity stores all the various types of signal processing that could be defined.

Note: MIMOSA maintains the enterprise zero, site zero (sp_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sp_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sp_db_site, sp_db_id, sp_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sp_db_site, sp_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#66 sp_num_dat_type

Description: Signal Process Block Numeric Data Type Entity

This entity stores all the various types of numeric data associated with signal process blocks. Data associated with averaging, source detection, and windows can optionally be stored here, but should be specified when data is stored in the actual time waveform, FFT, CPB or single amplitude value/vector data entities.

Note: MIMOSA populates and maintains the enterprise zero, site zero (spn_db_site = “0000000000000000”) entries for this entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
spn_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spn_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
spn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	spn_db_site, spn_db_id, spn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	spn_db_site, spn_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#70 average_type

Description: Average Type Entity

This entity stores different types of signal processing averaging methods

Note: MIMOSA maintains the enterprise zero, site zero (ave_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ave_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ave_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ave_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ave_db_site, ave_db_id, ave_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ave_db_site, ave_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#71 ave_weight_type

Description: Average Weight Type Entity

This entity stores different types of signal processing average weighting methods.

Note: MIMOSA maintains the enterprise zero, site zero (ave_wt_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ave_wt_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ave_wt_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ave_wt_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ave_wt_db_site, ave_wt_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#72 ave_synch_type

Description: Average Synchronization Type Entity

This entity stores different types of signal processing averaging synchronization methods.

Note: MIMOSA maintains the enterprise zero, site zero (ave_sy_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ave_sy_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ave_sy_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ave_sy_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ave_sy_db_site, ave_sy_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#73 src_detect_type

Description: Source Signal Detector Type Entity

This entity stores different source signal detector types

Note: MIMOSA maintains the enterprise zero, site zero (src_dt_db_site = “0000000000000000”) entries in this entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
src_dt_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
src_dt_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
src_dt_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	src_dt_db_site, src_dt_db_id, src_dt_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	src_dt_db_site, src_dt_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#74 post_scaling_type

Description: Post-processed Signal Processing Scaling Mode Type Entity

This entity stores different types of signal processing scaling methods

Note: MIMOSA maintains the enterprise zero, site zero (src_dt_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
pst_sc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
pst_sc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	pst_sc_db_site, pst_sc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#80 window_type

Description: Window Type Entity

This entity stores different types of FFT and time waveform windows.

Note: The pf_multiplier attribute is the power factor multiplier for the window

Note: MIMOSA maintains the enterprise zero, site zero (win_db_site = “0000000000000000”) entries in this entity.

Attribute	Description	Size/Type
win_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
win_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
win_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
pf_multiplier		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	win_db_site, win_db_id, win_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	win_db_site, win_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#88 data_qual_type

Description: Data Quality Type Entity

The data quality type defines the various quality states with which data in entities can be classified. These come from the ISO 9000-2 status guidelines:

1 = Not Inspected, Quality Unknown

2 = Inspected and Accepted, Quality Good

3 = Inspected and On Hold, Quality Under Review

4 = Inspected and Rejected, Quality Bad

Note: MIMOSA populates and maintains this entity. No user-defined entries are supported.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
dqual_type_code	Included in composite primary key	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	dqual_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#355 health_level_type

Description: Health Level Type Entity

This entity stores the entries possible for health levels for segments, assets, agents, etc. Entity #104 in CRIS V3.0 (health_grade_type) has been replaced by this entity in V3.1.

Note: MIMOSA populates and maintains all enterprise zero, site zero (health_lev_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
health_lev_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
health_lev_db_id	Included in composite primary key	UINT NOT NULL
health_lev_type_code	Included in composite primary key	UINT NOT NULL
health_scale	Health on a 0..100 scale where 100=maximum health	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	health_lev_db_site, health_lev_db_id, health_lev_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#356 priority_level_type

Description: Priority Level Type Entity

This entity stores the entries possible for priority levels for work management, etc.. Entity #106 in CRIS V3.0 (priority_type) has been replaced by this entity in V3.1.

Note: MIMOSA populates and maintains all enterprise zero, site zero (priority_lev_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
priority_lev_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
priority_lev_db_id	Included in composite primary key	UINT NOT NULL
priority_lev_type_code	Included in composite primary key	UINT NOT NULL
priority_scale	Priority on a 0..priority_scale where priority_scale=maximum priority	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#107 ev_num_data_type

Description: Segment/Asset Event Numeric Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
en_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	en_db_site, en_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#108 work_task_type

Description: Work Task Types Entity

This entity maintains types of work tasks, steps, actions, activities, etc.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
task_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Included in composite primary key	UINT NOT NULL
wm_type_db_site	If specified, indicates that the entry is only applicable for the specified Work Management Type. Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16)
wm_type_db_id	If specified, indicates that the entry is only applicable for the specified Work Management Type. Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT
wm_type_code	If specified, indicates that the entry is only applicable for the specified Work Management Type. Foreign key reference to Work_Manage_Type.wm_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	task_db_site, task_db_id, task_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	task_db_site, task_db_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#109 agent_type

Description: Agent Type Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
agent_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
agent_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
agent_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	agent_db_site, agent_db_id, agent_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	agent_db_site, agent_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#110 agent_role_type

Description: Agent Role Type Entity

This entity identifies possible agent role types, i.e. Manager, Owner, Employer, Buyer, Operator, etc.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ag_role_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ag_role_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ag_role_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ag_role_db_site, ag_role_db_id, ag_role_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ag_role_db_site, ag_role_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#119 work_audit_type

Description: Work Audit Type Entity

This entity maintains the audit types for Work Requests, Work Orders and Work Order Steps.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
waudit_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
waudit_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
waudit_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	waudit_db_site, waudit_db_id, waudit_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	waudit_db_site, waudit_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#121 event_type_child

Description: Event Type Child Entity

This entity maintains parent-child relationships among the different types of possible events for segments and assets. Events include both operating events and failure events such as; Logged Operating Events, Failure “Modes”, Failure “Effects”, Failure “Mechanisms”, Defect Events Abnormal Situations, Alarm Events, etc. An event is NOT work performed by an entity, but a log of the actual events which occurred at a service segment or asset over time.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code, Included in composite primary key	UINT NOT NULL
child_ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id, Included in composite primary key	UINT NOT NULL
child_ev_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ev_db_site, ev_db_id, event_type_code, child_ev_db_site, child_ev_db_id, child_event_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	child_ev_db_site, child_ev_db_id, child_event_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#585 work_item_type

Description: Work Item Types Entity

This entity stores the names of valid work object items in a maintenance system, e.g. "Work Request", "Work Order", "Work Step".

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_item_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_item_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
work_item_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_item_db_site, work_item_db_id, work_item_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	work_item_db_site, work_item_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#128 work_manage_type

Description: Work Management Types Entity

This entity stores types of work management work requests and work orders.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
wm_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
wm_type_code	Included in composite primary key	UINT NOT NULL
work_item_db_site	If specified, indicates that the entry is only applicable for the specified type of work item. Foreign key reference to Work_Item_Type.work_item_db_site	HEXSTRING(16)
work_item_db_id	If specified, indicates that the entry is only applicable for the specified type of work item. Foreign key reference to Work_Item_Type.work_item_db_id	UINT
work_item_type_code	If specified, indicates that the entry is only applicable for the specified type of work item. Foreign key reference to Work_Item_Type.work_item_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	wm_type_db_site, wm_type_db_id, wm_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	wm_type_db_site, wm_type_db_id

	work_item_type (work_item_db_site, work_item_db_id, work_item_type_code)	work_item_db_site, work_item_db_id, work_item_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#150 wtask_type_child

Description: Work Task Type Child Entity

This entity shows the parent-child relationships structure of the logical taxonomy of work task types - from the general to more specific. This entity will support various classification schemes as desired by different MIMOSA databases.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
task_db_site	Foreign key reference to Work_Task_Type.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code, Included in composite primary key	UINT NOT NULL
child_tk_db_site	Foreign key reference to Work_Task_Type.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_tk_db_id	Foreign key reference to Work_Task_Type.task_db_id, Included in composite primary key	UINT NOT NULL
child_tk_type_code	Foreign key reference to Work_Task_Type.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	task_db_site, task_db_id, task_type_code, child_tk_db_site, child_tk_db_id, child_tk_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code

	work_task_type (task_db_site, task_db_id, task_type_code)	child_tk_db_site, child_tk_db_id, child_tk_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#151 change_patt_type

Description: Change Pattern Type Entity

This entity maintains the types of change pattern observed in problems.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ch_patt_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ch_patt_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ch_patt_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ch_patt_db_site, ch_patt_db_id, ch_patt_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ch_patt_db_site, ch_patt_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#162 blob_data_type

Description: BLOB Data Type Entity

This entity stores types of Binary Large Object Data such as a Bitmapped Drawing or Image, Ferrographic Image, Thermographic Image, Digitized Video Clip, Document, etc.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
bd_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	bd_db_site, bd_db_id, bd_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	bd_db_site, bd_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#170 work_num_data_type

Description: Work Numeric Data Type Entity

This entity maintains numeric data types for Work Requests, Work Orders and Work Order Steps.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
wn_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	wn_db_site, wn_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#171 work_chr_data_type

Description: Work Character Data Type Entity

This entity maintains character data types for Work Requests, Work Orders and Work Order Steps.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
wc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	wc_db_site, wc_db_id, wc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	wc_db_site, wc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#182 solution_pack_type

Description: Solution Package Type Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sol_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_db_site, sol_db_id, sol_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sol_db_site, sol_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#212 sample_ndata_type

Description: Sample Numeric Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
snum_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
snum_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
snum_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	snum_db_site, snum_db_id, snum_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	snum_db_site, snum_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#215 mim_tech_type

Description: Types of MIMOSA Technology

This entity identifies all technology types of the MIMOSA database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
tech_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tech_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#216 mim_support_type

Description: MIMOSA Support Levels

This entity identifies support levels for the MIMOSA database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
supp_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	supp_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#217 mim_data_cat_type

Description: MIMOSA Data Categories

This entity identifies all category types for data in the MIMOSA database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
dcat_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	dcat_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#261 sp_stream_type

Description: Signal Process Stream Type Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sps_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sps_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sps_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sps_type_db_site, sps_type_db_id, sps_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sps_type_db_site, sps_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#283 network_type

Description: Network Type Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
nt_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
nt_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
nt_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	nt_db_site, nt_db_id, nt_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	nt_db_site, nt_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#290 sample_cdata_type

Description: Sample Character Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
schr_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
schr_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
schr_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	schr_db_site, schr_db_id, schr_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	schr_db_site, schr_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#291 mevent_blob_type

Description: Measurement Event Binary Large Object Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mebt_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mebt_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
meb_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mebt_db_site, mebt_db_id, meb_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mebt_db_site, mebt_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#292 highlight_type

Description: Highlight Type Entity

Defines highlight area types for drawing attention to certain locations, now used for BLOB areas

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
high_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
high_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
high_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	high_db_site, high_db_id, high_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	high_db_site, high_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#323 purchase_cond_type

Description: Purchase Condition Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
pc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
pc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
pc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	pc_db_site, pc_db_id, pc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	pc_db_site, pc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#324 as_readiness_type

Description: Asset Readiness Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asr_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asr_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
asr_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
description		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asr_db_site, asr_db_id, asr_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	asr_db_site, asr_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#325 mloc_calc_type

Description: Measurement Location Data Collection Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
mc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
description		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mc_db_site, mc_db_id, mc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mc_db_site, mc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#326 mim_func_type

Description: MIMOSA Functionality Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
func_type_code	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	func_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#327 mim_interface_type

Description: MIMOSA Interface Type

Attribute	Description	Size/Type
interf_type_code	Included in composite primary key	UINT NOT NULL
dcat_type_code	Foreign key reference to Mim_Data_Cat_Type.dcat_type_code	UINT NOT NULL
supp_type_code	Foreign key reference to Mim_Support_Type.supp_type_code	UINT NOT NULL
func_type_code	Foreign key reference to Mim_Func_Type.func_type_code	UINT NOT NULL
tech_type_code	Foreign key reference to Mim_Tech_Type.tech_type_code	UINT NOT NULL
acc_type_code	Foreign key reference to Mim_Access_Type.acc_type_code	UINT NOT NULL
support_level		USHORT NOT NULL
version_supported		USHORT NOT NULL
subversion_supp		USHORT NOT NULL
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	interf_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mim_data_cat_type (dcat_type_code)	dcat_type_code
	mim_support_type (supp_type_code)	supp_type_code
	mim_func_type (func_type_code)	func_type_code
	mim_tech_type (tech_type_code)	tech_type_code
	mim_access_type (acc_type_code)	acc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#329 mloc_type_child

Description: Measurement Location Type Child Entity

The mloc_type_child entity shows the parent-child relationships of measurement location types to each other. For example, measurement location type “Speed, Shaft, Input Shaft” is the child of measurement location type “Speed, Shaft” which is the child of measurement location type “Speed”. The model allows for more than one measurement location type to be the child of more than one measurement location type.

The mandatory ordering sequence specifies the order in which child measurement location types appear when an application requests “all children” of a particular measurement location type.

Attribute	Description	Size/Type
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id, Included in composite primary key	UINT NOT NULL
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code, Included in composite primary key	UINT NOT NULL
child_ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id, Included in composite primary key	UINT NOT NULL
child_ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ml_db_site, ml_db_id, ml_type_code, child_ml_db_site, child_ml_db_id,	

	child_ml_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	child_ml_db_site, child_ml_db_id, child_ml_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#333 blob_content_type

Description: Blob Content Type Entity

This entity stores the content types of Binary Large Object Data for Segments, Assets, Models, Ordered Lists, and Work Requests.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
blct_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
blc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	blct_db_site, blct_db_id, blc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	blct_db_site, blct_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#7 amb_set_type

Description: Ambiguity Set Type Entity

This entity stores the various types of ambiguity set logical expression formats.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
amb_set_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
amb_set_db_id	Included in composite primary key	UINT NOT NULL
amb_set_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	amb_set_db_site, amb_set_db_id, amb_set_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	amb_set_db_site, amb_set_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#8 log_connector_type

Description: Logical Connector Type Entity

This entity stores the various types of logical expression formats.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
lc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
lc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
lc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
Rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	lc_db_site, lc_db_id, lc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	lc_db_site, lc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#9 ev_chr_data_type

Description: Segment/Asset Event or Alarm Character Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ec_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ec_db_site, ec_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#10 mloc_num_data_type

Description: Measurement Location Numeric Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mln_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mln_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
mln_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mln_db_site, mln_db_id, mln_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mln_db_site, mln_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#11 mloc_chr_data_type

Description: Measurement Location Character Data Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mlc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mlc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
mlc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mlc_db_site, mlc_db_id, mlc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mlc_db_site, mlc_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#348 gps_datum_type

Description: GPS Datum Types Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
datum_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
datum_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
datum_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_mnemonic		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	datum_db_site, datum_db_id, datum_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	datum_db_site, datum_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#349 gps_precision_type

Description: GPS Precision Types

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
precision_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
precision_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
precision_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_mnemonic		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	precision_db_site, precision_db_id, precision_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	precision_db_site, precision_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#350 gps_elevation_type

Description: GPS Elevation Types Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
elevation_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
elevation_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
elevation_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254) NOT NULL
default_mnemonic		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	elevation_db_site, elevation_db_id, elevation_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	elevation_db_site, elevation_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#401 logistic_resource_type

Description: Logistic Resource Type Entity

This entity stores the various types of logistic resources – Material, Equipment, Tool, Document, Utility.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
resource_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
<u>name</u>	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_type_db_site, resource_type_db_id, resource_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	resource_type_db_site, resource_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000', 0, 0, 'Undetermined'

'0000000000000000', 4, 1, 'Materiel'

'0000000000000000', 4, 2, 'Materiel, Consummable'

'0000000000000000', 4, 3, 'Materiel, Consummable, Lubricating Fluid'

'0000000000000000', 4, 30, 'Materiel, Consummable, Lubricating Fluid, New'
 '0000000000000000', 4, 31, 'Materiel, Consummable, Lubricating Fluid, Used'
 '0000000000000000', 4, 4, 'Materiel, Consummable, Fuel'
 '0000000000000000', 4, 5, 'Materiel, Part'
 '0000000000000000', 4, 6, 'Tool'
 '0000000000000000', 4, 7, 'Utility'
 '0000000000000000', 4, 8, 'Utility, Electricity'
 '0000000000000000', 4, 9, 'Utility, Electricity, DC'
 '0000000000000000', 4, 10, 'Utility, Electricity, AC'
 '0000000000000000', 4, 11, 'Utility, Air'
 '0000000000000000', 4, 12, 'Utility, Air, Compressed'
 '0000000000000000', 4, 13, 'Utility, H2O'
 '0000000000000000', 4, 14, 'Utility, H2O, Steam'
 '0000000000000000', 4, 15, 'Utility, H2O, Water'
 '0000000000000000', 4, 16, 'Utility, H2O, Water, Cold'
 '0000000000000000', 4, 17, 'Utility, H2O, Water, Hot'
 '0000000000000000', 4, 18, 'Utility, H2O, Ice'
 '0000000000000000', 4, 19, 'Utility, H2O, Ice, Dry'
 '0000000000000000', 4, 20, 'Document'
 '0000000000000000', 4, 21, 'Document, Manual'
 '0000000000000000', 4, 22, 'Document, Manual, Technical'
 '0000000000000000', 4, 23, 'Document, Manual, Technical, Paper'
 '0000000000000000', 4, 24, 'Document, Manual, Technical, Electronic'
 '0000000000000000', 4, 25, 'Document, Form'
 '0000000000000000', 4, 26, 'Document, Form, Paper'
 '0000000000000000', 4, 27, 'Document, Form, Electronic'
 '0000000000000000', 4, 28, 'Labour'
 '0000000000000000', 4, 29, 'Software'

Table of Contents

Alphabetical Listing

Numerical Listing

#581 logistic_resource_type_child

Description: Logistic Resource Type Child Entity

This entity shows the parent-child relationships structure of the logical taxonomy of logistic resource types - from the general to more specific. This entity will support various classification schemes as desired by different MIMOSA databases.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_type_db_site	Foreign key reference to Logistic_Resource_Type.resource_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_type_db_id	Foreign key reference to Logistic_Resource_Type.resource_type_db_id, Included in composite primary key	UINT NOT NULL
resource_type_code	Foreign key reference to Logistic_Resource_Type.resource_type_code, Included in composite primary key	UINT NOT NULL
child_resource_type_db_site	Foreign key reference to Logistic_Resource_Type.resource_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_resource_type_db_id	Foreign key reference to Logistic_Resource_Type.resource_type_db_id, Included in composite primary key	UINT NOT NULL
child_resource_type_code	Foreign key reference to Logistic_Resource_Type.resource_type_code, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_type_db_site,	

	resource_type_db_id, resource_type_code, child_resource_type_db_site, child_resource_type_db_id, child_resource_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource_type (resource_type_db_site, resource_type_db_id, resource_type_code)	resource_type_db_site, resource_type_db_id, resource_type_code
	logistic_resource_type (resource_type_db_site, resource_type_db_id, resource_type_code)	child_resource_type_db_site, child_resource_type_db_id, child_resource_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#402 mat_item_conn_type

Description: Materiel Item Connection Type Entity

This entity stores the valid connection the Materiel_Item entity may establish to determine additional information about the material/tool/document/utility classification (Asset_Type), material/equipment/tool/document product model (Model), material/equipment/tool/document/utility serialized instance (Asset), or materiel master record (Materiel_Master_Item) with which it is directly associated.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mat_conn_type_code	Included in composite primary key	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mat_conn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

- 1, 'Asset_Type'
- 2, 'Model'
- 3 'Asset'
- 4, 'Materiel_Master_Item'

#403 resource_num_dat_type

Description: Resource Numeric Data Type Entity

This entity will define all the numeric data related to a resource.

Note: MIMOSA maintains the site zero (rsn_type_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
rsn_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsn_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
rsn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type		UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	rsn_type_db_site, rsn_type_db_id, rsn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	rsn_type_db_site, rsn_type_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#404 resource_chr_dat_type

Description: Resource Character Data Type Entity

This entity defines all the alpha-numeric character data related to a resource.

Note: MIMOS maintains the site zero (rsc_type_db_site = “0000000000000000”) in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
rsc_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsc_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
rsc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	rsc_type_db_site, rsc_type_db_id, rsc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	rsc_type_db_site, rsc_type_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#462 ord_list_num_dat_type

Description: Ordered List Numeric Data Type Entity

This entity will define all the numeric data related to an ordered list.

Note: MIMOSA maintains the site zero (ordn_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ordn_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ordn_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ordn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_idnt	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ordn_db_site, ordn_db_id, ordn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ordn_db_site, ordn_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#463 ord_list_chr_dat_type

Description: Ordered List Character Data Type Entity

This entity will define all the character data related to an ordered list.

Note: MIMOSA maintains the site zero (ordc_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ordc_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ordc_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ordc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ordc_db_site, ordc_db_id, ordc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ordc_db_site, ordc_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#467 ordered_list_type

Description: Ordered List Type Entity

This entity stores the various type of Ordered Lists, including both ones used for monitoring and for resources (Bill of Mateiel, Bill of Tools, Bill of Labour, Inventory List, Equipment List)

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ord_list_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_type_db_site, ord_list_type_db_id, ord_list_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ord_list_type_db_site, ord_list_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000', 0, 0, 'Undetermined'

'0000000000000000', 4, 1, 'Route'

'0000000000000000', 4, 2, 'Route, Measurement Locations'

'0000000000000000', 4, 3, 'List'
 '0000000000000000', 4, 4, 'List, Binary Data'
 '0000000000000000', 4, 5, 'Bill of Resources (For Combinations of Materiel, Tools, Utilities, Documents, Labour, Software)'
 '0000000000000000', 4, 6, 'Bill of Materiel (BOM)'
 '0000000000000000', 4, 7, 'Bill of Tools (BOT)'
 '0000000000000000', 4, 8, 'Bill of Utilities (BOU)'
 '0000000000000000', 4, 9, 'Bill of Documents (BOD)'
 '0000000000000000', 4, 10, 'Bill of Labour (BOL)'
 '0000000000000000', 4, 11, 'Bill of Software (BOS)'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#468 test_type

Description: Test Type Entity

This entity stores the various types of Tests

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
test_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
test_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
test_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	test_type_db_site, test_type_db_id, test_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ord_list_type_db_site, ord_list_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000',0,0,'Undetermined'
'0000000000000000',1,1,'Particle',
'0000000000000000',1,2,'Ferrogaphy'
'0000000000000000',1,3,'Ferrogaphy, Direct Read'

'0000000000000000',1,4,'Ferrography, Analytical'
 '0000000000000000',1,5,'Ferrography, Analytical, Heat Treatment'
 '0000000000000000',1,6,'Ferrography, Analytical, Caustic Treatment'
 '0000000000000000',1,7,'Particle, Mesh Obscuration (Pressure Differential)'
 '0000000000000000',1,8,'Particle, Pore-blockage (Flow Decay)'
 '0000000000000000',1,9,'Particle, Light Extinction'
 '0000000000000000',1,10,'Particle, Light Scattering'
 '0000000000000000',1,11,'Particle, Ferromagnetic Sensor'
 '0000000000000000',1,12,'Particle, All-Metal Debris Sensor'
 '0000000000000000',1,13,'Particle, Graded Filtration'
 '0000000000000000',1,14,'Particle, Magnetic Chip'
 '0000000000000000',1,15,'Particle, Blot'
 '0000000000000000',1,16,'Particle, Patch'
 '0000000000000000',1,17,'Particle, Sediment'
 '0000000000000000',1,18,'Particle, Sediment, ASTM D-1698'
 '0000000000000000',1,19,'Particle, Light Detection and Ranging (LIDAR)'
 '0000000000000000',1,20,'Particle, Human Detector'
 '0000000000000000',1,21,'Chemical'
 '0000000000000000',1,22,'Atomic Emission (AE)'
 '0000000000000000',1,23,'Atomic Emission (AE), Spectroscopy'
 '0000000000000000',1,24,'Atomic Emission (AE), Rotating Disk Electrode'
 '0000000000000000',1,25,'Atomic Emission (AE), Inductively Coupled Plasma(ICP)'
 '0000000000000000',1,26,'Atomic Absorption (AA)'
 '0000000000000000',1,27,'Atomic Absorption (AA), Spectroscopy'
 '0000000000000000',1,28,'X-Ray'
 '0000000000000000',1,29,'X-Ray, Fluorescence'
 '0000000000000000',1,30,'X-Ray, Fluorescence, Spectroscopy'
 '0000000000000000',1,31,'X-Ray, Energy Dispersive'
 '0000000000000000',1,32,'X-Ray, Energy Dispersive, Spectroscopy'
 '0000000000000000',1,33,'Dielectric Strength'
 '0000000000000000',1,34,'Dielectric Strength, ASTM D-877'
 '0000000000000000',1,35,'Dielectric Strength, ASTM D-1816'
 '0000000000000000',1,36,'Interfacial Tension'
 '0000000000000000',1,37,'Interfacial Tension, ASTM D-971'
 '0000000000000000',1,38,'Differential Absorption Light Detection and Ranging (DIAL)'
 '0000000000000000',1,39,'Infrared'
 '0000000000000000',1,40,'Infrared, Fourier Transform (FT-IR)'
 '0000000000000000',1,41,'Gas Chromatography'
 '0000000000000000',1,42,'Ultra-violet/Visible Light Absorption'
 '0000000000000000',1,43,'Ultra-violet/Visible Light Absorption, Spectroscopy',
 '0000000000000000',1,44,'Thin-Layer Radioactive Decay'
 '0000000000000000',1,45,'Scanning Electron Microscopy (SEM)'
 '0000000000000000',1,46,'Electro-chemical Corrosion'
 '0000000000000000',1,47,'Exhaust Emission'
 '0000000000000000',1,48,'Acidity/Alkalinity'
 '0000000000000000',1,49,'pH'
 '0000000000000000',1,50,'Color Indicator Titration'
 '0000000000000000',1,51,'Color Indicator Titration, ASTM D974'
 '0000000000000000',1,52,'Potentiometric Titration'
 '0000000000000000',1,53,'Potentiometric Titration, Total Acid'
 '0000000000000000',1,54,'Potentiometric Titration, Total Acid, ASTM D664',
 '0000000000000000',1,55,'Potentiometric Titration, Total Base'
 '0000000000000000',1,56,'Potentiometric Titration, Total Base, ASTM D2896',
 '0000000000000000',1,57,'Power Factor'
 '0000000000000000',1,58,'Power Factor, ASTM D-924'
 '0000000000000000',1,59,'Moisture'

'0000000000000000',1,60,'Karl Fischer Titration'
 '0000000000000000',1,61,'Karl Fischer Titration, ASTM D-1744'
 '0000000000000000',1,62,'Vapor Induced Scintillation'
 '0000000000000000',1,63,'Crackle'
 '0000000000000000',1,64,'Crackle, Human Detector'
 '0000000000000000',1,65,'Crackle, Audio Detector'
 '0000000000000000',1,66,'Clear and Bright'
 '0000000000000000',1,67,'Color'
 '0000000000000000',1,68,'Color, Human Detector'
 '0000000000000000',1,69,'Color, ASTM D-1524'
 '0000000000000000',1,70,'Odor'
 '0000000000000000',1,71,'Odor, Human Detector'
 '0000000000000000',1,72,'Viscosity'
 '0000000000000000',1,73,'Viscosity, Absolute/Dynamic'
 '0000000000000000',1,74,'Viscosity, Pour Point'
 '0000000000000000',1,75,'Viscosity, Kinematic'
 '0000000000000000',1,76,'Viscosity, Kinematic, ASTM D-445'
 '0000000000000000',1,77,'Viscosity, Relative'
 '0000000000000000',1,78,'Viscosity, Falling Ball Comparator'
 '0000000000000000',1,79,'Flame Resistance'
 '0000000000000000',1,80,'Flash Point'

Table of Contents

Alphabetical Listing

Numerical Listing

#469 test_comp_type

Description: Test Component Type Entity

This entity stores the various types of Test Components, which are the resulting categories of data which result from performing a Test

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
tc_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tc_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
tc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tc_type_db_site, tc_type_db_id, tc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	tc_type_db_site, tc_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000',0,0,'Undetermined','Undetermined'
'0000000000000000',4,1,'VISC @40C','Viscosity @40 Degrees C.'
'0000000000000000',4,2,'VISC @100C','Viscosity @100 Degrees C.'

'0000000000000000',4,3,'VISC @100F','Viscosity @100 Degrees F.'
 '0000000000000000',4,4,'VISC #210F','Viscosity @210 Degrees F.'
 '0000000000000000',4,5,'ISO VG','Viscosity ISO Grade'
 '0000000000000000',4,6,'VI','Viscosity Index'
 '0000000000000000',4,7,'TAN','Total Acid Number'
 '0000000000000000',4,8,'TBN','Total Base Number'
 '0000000000000000',4,9,'Water','Water Concentration'
 '0000000000000000',4,10,'Diesel','Diesel Fuel Concentration'
 '0000000000000000',4,11,'Gasoline','Gasoline Fuel Concentration'
 '0000000000000000',4,12,'Jet Fuel','Jet Fuel Concentration'
 '0000000000000000',4,13,'Oxidation','Oxidation Concentration'
 '0000000000000000',4,14,'Nitration','Nitration Concentration'
 '0000000000000000',4,15,'Sulphation','Sulphation Concentration'
 '0000000000000000',4,16,'Antioxidant','Antioxidant Concentration'
 '0000000000000000',4,17,'Antiwear','Antiwear/Antioxidant Concentration'
 '0000000000000000',4,18,'Glycol','Glycol Concentration'
 '0000000000000000',4,19,'Soot','Soot and Insolubles Concentration'
 '0000000000000000',4,20,'Freon','Freon Concentration'
 '0000000000000000',4,21,'ISO Code R2','ISO Cleanliness Code, R2'
 '0000000000000000',4,22,'ISO Code R5','ISO Cleanliness Code, R5'
 '0000000000000000',4,23,'ISO Code R15','ISO Cleanliness Code, R15'
 '0000000000000000',4,24,'NAS 5 - 15','NAS Cleanliness Code, 5 to 15 micrometers'
 '0000000000000000',4,25,'NAS 15 - 25','NAS Cleanliness Code, 15 to 25 micrometers'
 '0000000000000000',4,26,'NAS 25 - 50','NAS Cleanliness Code, 25 to 50 micrometers'
 '0000000000000000',4,27,'NAS 50 - 100','NAS Cleanliness Code, 50 to 100 micrometers'
 '0000000000000000',4,28,'NAS > 100','NAS Cleanliness Code, Over 100 micrometers'
 '0000000000000000',4,29,',','Particle Size, Channel 1, Minimum'
 '0000000000000000',4,30,',','Particle Size, Channel 1, Maximum,'
 '0000000000000000',4,31,',','Particle Count, Channel 1, Per Milliliter'
 '0000000000000000',4,32,',','Particle Count, Channel 1, Per 100 Milliliters'
 '0000000000000000',4,33,',','Particle Size, Channel 2, Minimum'
 '0000000000000000',4,34,',','Particle Size, Channel 2, Maximum'
 '0000000000000000',4,35,',','Particle Count , Channel 2, Particle Count Per Milliliter'
 '0000000000000000',4,36,',','Particle Count , Channel 2, Particle Count Per 100 Milliliters'
 '0000000000000000',4,37,',','Particle Size, Channel 3, Minimum'
 '0000000000000000',4,38,',','Particle Size, Channel 3, Maximum'
 '0000000000000000',4,39,',','Particle Count, Channel 3, Per Milliliter'
 '0000000000000000',4,40,',','Particle Count, Channel 3, Per 100 Milliliters'
 '0000000000000000',4,41,',','Particle Size, Channel 4, Minimum'
 '0000000000000000',4,42,',','Particle Size, Channel 4, Maximum'
 '0000000000000000',4,43,',','Particle Count, Channel 4, Per Milliliter'
 '0000000000000000',4,44,',','Particle Count, Channel 4, Per 100 Milliliters'
 '0000000000000000',4,45,',','Particle Size, Channel 5, Minimum'
 '0000000000000000',4,46,',','Particle Size, Channel 5, Maximum'
 '0000000000000000',4,47,',','Particle Count, Channel 5, Per Milliliter'
 '0000000000000000',4,48,',','Particle Count, Channel 5, Per 100 Milliliters'
 '0000000000000000',4,49,',','Particle Size, Channel 6, Minimum'
 '0000000000000000',4,50,',','Particle Size, Channel 6, Maximum'
 '0000000000000000',4,51,',','Particle Count, Channel 6, Per Milliliter'
 '0000000000000000',4,52,',','Particle Count, Channel 6, Per 100 Milliliters'
 '0000000000000000',4,53,',','Particle Size, Channel 7, Minimum'
 '0000000000000000',4,54,',','Particle Size, Channel 7, Maximum'
 '0000000000000000',4,55,',','Particle Count, Channel 7, Per Milliliter'
 '0000000000000000',4,56,',','Particle Count, Channel 7, Per 100 Milliliters'
 '0000000000000000',4,57,',','Water Concentration'
 '0000000000000000',4,58,',','Water Concentration, Less Than Amount'

'0000000000000000',4,59,",'Water Concentration, Greater Than Amount'
 '0000000000000000',4,60,",'Water Present Positive/Negative Flag'
 '0000000000000000',4,61,",'Karl Fisher Moisture Test Result'
 '0000000000000000',4,62,'Fe','Iron Concentration'
 '0000000000000000',4,63,'Ni','Nickel Concentration'
 '0000000000000000',4,64,'Ag','Silver Concentration'
 '0000000000000000',4,65,'K','Potassium Concentration'
 '0000000000000000',4,66,'B','Boron Concentration'
 '0000000000000000',4,67,'Cr','Chromium Concentration'
 '0000000000000000',4,68,'Si','Silicon Concentration'
 '0000000000000000',4,69,'Pb','Lead Concentration'
 '0000000000000000',4,70,'Na','Sodium Concentration'
 '0000000000000000',4,71,'Cu','Copper Concentration'
 '0000000000000000',4,72,'Mb','Molybdenum Concentration'
 '0000000000000000',4,73,'Ca','Calcium Concentration'
 '0000000000000000',4,74,'Zn','Zinc Concentration'
 '0000000000000000',4,75,'P','Phosphorus Concentration'
 '0000000000000000',4,76,'Sn','Tin Concentration'
 '0000000000000000',4,77,'Al','Aluminum Concentration'
 '0000000000000000',4,78,'Ba','Barium Concentration'
 '0000000000000000',4,79,'V','Vanadium Concentration'
 '0000000000000000',4,80,'Ti','Titanium Concentration'
 '0000000000000000',4,81,'Cd','Cadmium Concentration'
 '0000000000000000',4,82,'Mg','Magnesium Concentration'
 '0000000000000000',4,83,",'PQ90 Result'
 '0000000000000000',4,84,",'Tribometric Result'
 '0000000000000000',4,85,",'Large Particle Size, Minimum'
 '0000000000000000',4,86,",'Large Particle Size, Maximum'
 '0000000000000000',4,87,'DL','Density, Large Particles'
 '0000000000000000',4,88,",'Small Particle Size, Minimum'
 '0000000000000000',4,89,",'Small Particle Size, Maximum'
 '0000000000000000',4,90,'DS','Density, Small Particles'
 '0000000000000000',4,91,'WPC','Wear Particle Concentration'
 '0000000000000000',4,92,'PLP','Percent Large Particles'
 '0000000000000000',4,93,",'Ferrogram Score, Normal Wear'
 '0000000000000000',4,94,",'Ferrogram Score, Severe Wear'
 '0000000000000000',4,95,",'Ferrogram Score, Cutting Wear'
 '0000000000000000',4,96,",'Ferrogram, Sphericals'
 '0000000000000000',4,97,",'Ferrogram 100 Point Score, Red Oxides'
 '0000000000000000',4,98,",'Ferrogram 100 Point Score, Dark Oxides'
 '0000000000000000',4,99,",'Ferrogram 100 Point Score, Non-Ferrous Material'
 '0000000000000000',4,100,",'Ferrogram 100 Point Score, Silica/Dirt/Debris'
 '0000000000000000',4,101,",'Ferrogram 100 Point Score, Fibers'
 '0000000000000000',4,102,",'Ferrogram 100 Point Score, Plastics/Ceramics'
 '0000000000000000',4,103,",'Ferrogram 100 Point Score, Friction Polymers'
 '0000000000000000',4,104,",'Ferrogram 100 Point Score, Carbon/Soot'
 '0000000000000000',4,105,",'pH'
 '0000000000000000',4,106,",'pH, Aqueous'
 '0000000000000000',4,107,",'Dielectric Breakdown, D1816, KV Average'
 '0000000000000000',4,108,",'Dielectric Breakdown, D1816, KV Standard Deviation'
 '0000000000000000',4,109,",'Dielectric Breakdown, D877, KV Average'
 '0000000000000000',4,110,",'Dielectric Breakdown, D877, KV Standard Deviation'
 '0000000000000000',4,111,",'Dielectric Breakdown, D877, Relative Standard Deviation'
 '0000000000000000',4,112,",'Ferrous Particle Count, > 10 microns Per Milliliter'
 '0000000000000000',4,113,",'Ferrous Particle Percentage, > 10 microns Per Milliliter'
 '0000000000000000',4,114,",'Flash Point Temperature, 250 Milliliter Volume'

'0000000000000000',4,115,"','Pour Point Temperature'
 '0000000000000000',4,116,"','Magnification Multiple (X)'
 '0000000000000000',4,117,'Mn','Manganese Concentration'
 '0000000000000000',4,118,'Sb','Antimony Concentration'
 '0000000000000000',4,119,'As','Arsenic Concentration'
 '0000000000000000',4,120,'Ba','Barium Concentration'
 '0000000000000000',4,121,'Co','Cobalt Concentration'
 '0000000000000000',4,122,'Wear Debris Image','Wear Debris Image'
 '0000000000000000',4,123,'Wear Debris Image','Wear Debris Image, Bi-chromatic Microscopic'
 '0000000000000000',4,124,"','Wear Debris Image, Scanning Electron Microscopic'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#470 test_comp_group_type

Description: Test Component Group Type Entity

This entity stores the various types of component test groups.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
tcg_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tcg_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
tcg_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tcg_type_db_site, tcg_type_db_id, tcg_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	tcg_type_db_site, tcg_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

#486 criticality_scale_type

Description: Criticality Scale Type Entity

This entity stores the minimum and maximum range values for criticality.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
cs_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
cs_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
cs_type_code	Included in composite primary key	UINT NOT NULL
min_value		INT NOT NULL
max_value		INT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	cs_type_db_site, cs_type_db_id, cs_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	cs_type_db_site, cs_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000', 4, 1, 0, 10, '10 Point Scale', 'Criticality Scale from 0 – 10 (10=maximum)'
0000000000000000', 4, 2, 0, 100, '100 Point Scale', 'Criticality Scale from 0 – 100 (100=maximum)'

#492 eng_study_type

Description: Engineering Study Type Entity

This entity stores the various categories of entries for the Engineering Study Type Entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
eng_study_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
eng_study_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	eng_study_type_db_site, eng_study_type_db_id, eng_study_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	eng_study_type_db_site, eng_study_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000', 0, 0, 'Undetermined'
 '0000000000000000', 4, 1, 'Classification'
 '0000000000000000', 4, 2, 'Problem'
 '0000000000000000', 4, 3, 'Failure Group'
 '0000000000000000', 4, 4, 'Cause'
 '0000000000000000', 4, 5, 'Remedy'

#491 eng_study_code

Description: Engineering Study Code Entity

This entity stores the various codes of entries for the Engineering Study Code Entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
eng_study_code_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_code_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
eng_study_code_id	Included in composite primary key	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254)
description		STRING(0:254)
long_description		STRING(0:254)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	eng_study_code_db_site, eng_study_code_db_id, eng_study_code_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	eng_study_code_db_site, eng_study_code_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

0000000000000000', 0, 0, 'Undetermined'

#493 eng_study_entry

Description: Engineering Study Entry Entity

This entity holds information about database-specific reliability-related entries which connect a Engineering Study Type with an Engineering Study Code, supports a single parent/multiple child hierarchical relationship, and optionally connects to a Sg_As_Event_Type definition, where applicable.

Attribute	Description	Size/Type
eng_study_entry_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Included in composite primary key	UINT NOT NULL
eng_study_type_db_site	Foreign key reference to Eng_Study_Type.eng_study_type_db_site	HEXSTRING(16) NOT NULL
eng_study_type_db_id	Foreign key reference to Eng_Study_Type.eng_study_type_db_id	UINT NOT NULL
eng_study_type_code	Foreign key reference to Eng_Study_Type.eng_study_type_code	UINT NOT NULL
eng_study_code_db_site	Foreign key reference to Eng_Study_Code.eng_study_code_db_site	HEXSTRING(16) NOT NULL
eng_study_code_db_id	Foreign key reference to Eng_Study_Code.eng_study_code_db_id	UINT NOT NULL
eng_study_code_id	Foreign key reference to Eng_Study_Code.eng_study_code_id	UINT NOT NULL
parent_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site	HEXSTRING(16)
parent_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id	UINT
parent_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id	UINT
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16)
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to	HEXSTRING(16)

	Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	eng_study_type (eng_study_type_db_site, eng_study_type_db_id, eng_study_type_code)	eng_study_type_db_site, eng_study_type_db_id, eng_study_type_code
	eng_study_code (eng_study_code_db_site, eng_study_code_db_id, eng_study_code_id)	eng_study_code_db_site, eng_study_code_db_id, eng_study_code_id
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	parent_db_site, parent_db_id, parent_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#562 network_conn_type

Description: Network Connection Type Entity

This entity stores the various categories of entries for segment or asset directed connections which then compose Networks.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
net_conn_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
net_conn_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
net_conn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
description		STRING(0:254)
long_description		STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	net_conn_type_db_site, net_conn_type_db_id, net_conn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	net_conn_type_db_site, net_conn_type_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

'0000000000000000', 0, 0, 'Undetermined'

'0000000000000000', 4, 1, 'Backup'

#571 standard_data_type

Description: Standard Data Type Entity

This entity is MIMOSA managed and contains standard Data Types for use in the Binary_num_data entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
std_data_type_code	Included in composite primary key	USHORT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	std_data_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

MIMOSA Entries

- 1, 'IEEE 1-byte Unsigned Integer'
- 2, 'IEEE 1-byte Signed Integer '
- 3, 'IEEE 2-byte Unsigned Integer, low-order byte first'
- 4, 'IEEE 2-byte Signed Integer, low-order byte first'
- 5, 'IEEE 4-byte Unsigned Integer, low-order byte first'
- 6, 'IEEE 4-byte Signed Integer, low-order byte first'
- 7, 'IEEE 6-byte Unsigned Integer, low-order byte first'
- 8, 'IEEE 6-byte Signed Integer, low-order byte first'
- 9, 'IEEE 8-byte Unsigned Integer, low-order byte first'
- 10, 'IEEE 8-byte Signed Integer, low-order byte first'
- 11, 'IEEE 4-byte Real, low-order byte first'
- 12, 'IEEE 8-byte Real, low-order byte first'

#576 network_num_dat_type

Description: Network Numeric Data Type Entity

This entity will define all the numeric data related to a network.

Note: MIMOSA maintains the site zero (rsn_type_db_site = “0000000000000000”) entries in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
nn_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
nn_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
nn_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	nn_type_db_site, nn_type_db_id, nn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	nn_type_db_site, nn_type_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#577 network_chr_dat_type

Description: Network Character Data Type Entity

This entity defines all the alpha-numeric character data related to a network.

Note: MIMOSA maintains the site zero (rsc_type_db_site = “0000000000000000”) in this entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
nc_type_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
nc_type_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
nc_type_code	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
default_ru_type	Foreign key reference to Ref_Unit_Type.ru_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	nc_type_db_site, nc_type_db_id, nc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	nc_type_db_site, nc_type_db_id
	ref_unit_type (ru_type_code)	default_ru_type
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Enterprise Entities

#2 enterprise

Description: Enterprise Entity

The corporate level of an organization, or the top organizational structure of a non-profit or military body. Each **Enterprise** is associated with exactly one **Enterprise Type**. An enterprise uniquely assigns **MIMOSA Site Codes** to new **Sites** ("births" Sites) and may control one or more **Sites** (which could have formerly been controlled by other enterprises).

In order for multiple enterprises to exchange MIMOSA information, every **Enterprise** must request and utilize its unique, unchanging **MIMOSA Enterprise Code**. The **MIMOSA Enterprise Code** is the MIMOSA-assigned unique identifier of an **Enterprise**. The column "enterprise_id" stores this code – a globally-unique, non-negative, non-repeating integer assigned to an **Enterprise** through the MIMOSA Enterprise Code Registry Service. MIMOSA has assigned itself the enterprise code of "0".

Note: The `gmt_last_updated` attribute is in every entity to store the date the row was inserted or last updated (whichever is the most recent event).

Note: All `gmt` fields are in UTC, Coordinated Universal Time (also called Greenwich Mean Time) in the ISO 8601 DATETIME(19:29) format YYYY-MM-DDTHH:MM:SS.FFFFFFFF in 24-hour format like:

1995-02-27T18:01:03.500000000

which is equivalent to 27-Feb-1995 6:01 PM at 3.5 seconds.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
enterprise_id	MIMOSA-assigned MIMOSA Enterprise Code, Included in composite primary key	UINT NOT NULL
ent_db_site	Foreign key reference to Enterprise_Type.ent_db_site	UINT NOT NULL
ent_db_id	Foreign key reference to Enterprise_Type.ent_db_id	UINT NOT NULL
ent_type_code	Foreign key reference to Enterprise_Type.ent_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(1:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	enterprise_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	enterprise_type (ent_db_site, ent_db_id, ent_type_code)	ent_db_site, ent_db_id, ent_type_code
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Site Entities

#13 site

Description: Site Entity

A **Site** is an enterprise-defined object (manufacturing plant, office facility, large fleet object [aircraft carrier]) which is responsible to uniquely register **Assets**, **Agents**, **Databases**, **Measurement Locations** which need to be "birthed" with MIMOSA Codes. **Sites** are also required to generate unique **MIMOSA Segment Codes** for functional **Segments** which provide breakdown structures related to a **Site**, a **Model**, an **Asset**, or an **Agent**. Each **Site** is associated with exactly one **Site Type**. For facility applications, the "Site" normally represents a tangible as-built building. For industrial and manufacturing applications, this entity normally represents a physical plant. For fleet applications, this entity normally represents operating depots or other facilities which manage a fleet of objects (trucks, tanks, aircraft, etc). In some cases the site may be the entire mobile object, such as an aircraft carrier or cruise ship.

The **MIMOSA Site Code** (column "site_code") is the **Enterprise**-assigned unique identifier of a **Site**. Because of multiple methodologies for site/plant/platform identification in different industries and in various computer systems, a **Site** will often need to be associated with many identifiers relevant to the **Site** because they are the site's "unique key" for various databases. These identifiers may change as a **Site** is sold, transferred, or its role changes in relationship to multiple other **Sites** or **Enterprises**. Because of this requirement, MIMOSA CRIS-compliant systems require that a **Site** be permanently assigned one and only one **MIMOSA Site Code** (represented by a fixed-length 16-character hexadecimal string) which is composed of the birth **MIMOSA Enterprise Code** (represented by a fixed-length 8-character hexadecimal string) concatenated with a site-unique, non-negative integer **site_id** (also represented by a fixed-length 8-character hexadecimal string). This **MIMOSA Site Code** (**MIMOSA Enterprise Code** + "site_id") normally does not have any external end-user meaning, but is the vital link for all MIMOSA-compliant systems to properly integrate and associate information to the correct **Site**. The identical **MIMOSA Site Code** must remain permanently-unique for the life-time of the **Site**, even though it will most likely have additional temporarily-unique identifier tags assigned to the **Site** by various systems.

Each enterprise is free to assign site_id's in the range from 0 – 4,294,967,295 (Hex "00000000" – "FFFFFFFF"). Once this assignment has been made, the number should not be changed.

The site's user_tag_ident attribute is the user identification tag which is an alpha-numeric string which should be unique for each site in an enterprise.

Some sites may be logical sites used as a design template for physical **Site instances**. The **template_yn** attribute is used to define whether or not a particular Site instance is to be used as a template.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
site_code	The MIMOSA Site Code which combines the MIMOSA Enterprise Code and the site_id (both 4-byte non-negative integers) into a globally unique, fixed-length 16-character string. The first 8-characters represent the hex value of the 4-byte non-negative MIMOSA Enterprise Code. The second 8-characters represent the hex value of the 4-byte non-	HEXSTRING(16) NOT NULL

	negative site_id integer assigned by the birth enterprise registration authority. Included in composite primary key	
enterprise_id	This is a FK to the enterprise which currently controls this site. It may or may not be the original birth enterprise GUID which was permanently associated with the site_code above. If a site is acquired by a new enterprise, this field will change to match the new enterprise id. Foreign key reference to Enterprise.enterprise_id	UINT NOT NULL
site_id	For informational use only to reduce the parsing required in the site_code to extract. Once assigned, this field should never change. It is the 4-byte non-negative site integer unique to the enterprise, assigned by the original birth enterprise registration authority and should always match the value represented by the 8 right-most hex characters in the site_code attribute above.	UINT NOT NULL
st_db_site	Foreign key reference to Site_Type.st_db_site	UINT NOT NULL
st_db_id	Foreign key reference to Site_Type.st_db_id	UINT NOT NULL
st_type_code	Foreign key reference to Site_Type.st_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(1:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
duns_number	D-U-N-S number for the site, where relevant	UINT
template_yn	If set to 'Y', identifies that a particular Site entry is a template Site	STRING(1)
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	site_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_type (st_db_site, st_db_id, st_type_code)	st_db_site, st_db_id, st_type_code
	enterprise (enterprise_id)	enterprise_id
	segment (segment_site, segment_id)	segment_site, segment_id
	row_status_type(rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	template_yn	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Database Entities

#15 site_database

Description: Site Database Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	MIMOSA Site Code for the database (first part of the unique MIMOSA Database Code), Included in composite primary key. Foreign key reference to Site.site_code	HEXSTRING(16) NOT NULL
db_id	Site-unique integer for this database at the site (second part of the unique MIMOSA Database Code), Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16)
asset_id	Foreign key reference to Asset.asset_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
mf_db_site	Foreign key reference to Manufacture.mf_db_site (Obsolete)	HEXSTRING(16)
mf_db_id	Foreign key reference to Manufacture.mf_db_id (Obsolete)	UINT
manuf_code	Foreign key reference to Manufacture.manuf_code (Obsolete)	UINT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site (site_code)	db_site
	manufacturer (mf_db_site, mf_db_id, manuf_code)	mf_db_site, mf_db_id, manuf_code
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	row_status_type (rstat_type_cod)	rstat_type_code

#328 db_mim_interface

Description: MIMOSA Interfaces Supported By A Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
interf_type_code	Foreign key reference to Mim_Interface_Type.interf_type_code, Included in composite primary key	UINT NOT NULL
gmt_snap_refresh	Timestamp of last refresh date, if applicable	DATETIME(19:29)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, interf_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	mim_interface_type (interf_type_code)	interf_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#481 valid_as_type_on_sg_type

Description: Valid Asset Types Which Can Be Utilized On Segment Types For a Given Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	db_site, db_id, as_db_site, as_db_id, as_type_code, sg_db_site, sg_db_id, sg_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Segment Entities

#18 segment

Description: Segment Entity

A **Segment (Service Segment/Functional Location/Work Breakdown Structure Entry)** is a birthed by a **Site**. Each **Segment** is associated with exactly one **Segment Type**. MIMOSA supports all ISA-95 and ISA-88 defined Equipment Types. A **Segment** is a defined entity (node) of a directed graph (digraph), which is represented in the **Segment_Child** entity. A **Model** may be associated with one **Segment** node which points to the "parent" node in the **Segment_Child** digraph which contains its "as-designed" systems/functions. An **Asset** and an **Agent** may be also be associated with one **Segment** node to point to the "parent" node in the **Segment_Child** digraph which contains their "as-maintained" systems/functions. Types of **Segments** includes enterprises (for enterprise-level monitoring or work assignments), sites (for site-level monitoring or work/assignments), platforms, facilities, production processes, process inputs and outputs, physical structures, systems, sub-systems, machine trains, mechanical devices, and mechanical device areas. Many of these segments appear on the engineering drawings of the model facility/platform. Each **Segment** may have one or more serialized **Assets** utilized/installed on/at it at a given time (see CRIS Entity #44 (Asset_On_Segment)). **Segments**, **Assets**, and **Ordered Lists** are the only entities where work can be performed. A **Segment** can be monitored via **Measurement Locations**.

The **MIMOSA Segment Code** is the **Site**-assigned unique identifier of a **Segment**. Because of multiple methodologies for serialized asset/component tracking identification in different industries and in various computer systems, a **Segment** will often need to be associated with many identifiers relevant to the **Segment** because they are the segment's "unique key" for various databases. Because of this requirement, MIMOSA-compliant systems require that a **Segment** be permanently assigned one and only one **MIMOSA Segment Code** which is composed of the associated **MIMOSA Site Code** (in CRIS, the "segment_site") concatenated with a site-unique, non-negative integer (in CRIS, the "segment_id") which should never change throughout the lifetime of the **Segment**. This **MIMOSA Segment Code (MIMOSA Site Code + "segment_id")** normally does not have any external end-user meaning, but is the vital link for all MIMOSA-compliant systems to properly integrate and associate information to the correct **Segment**. The identical **MIMOSA Segment Code** must remain permanently-unique for the life-time of the **Site**, even though it will most likely have additional temporarily-unique identifier tags assigned to the **Segment** by various systems.

The segment_group_yn field when set to "Y" means that this segment is really a segment composed of 2 or more segments of the same type. If a count of total segments is made from the database, these group segments should be ignored.

Note: **User_tag_ident** is the user identification tag which follows the nomenclature of the plant. This is normally an abbreviation or user-defined alpha-numeric code from which the plant derives meaning. This attribute is mandatory.

Note: The **name** attribute is an optional attribute which is a full description of the segment.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Site.site_code, Included in composite	HEXSTRING(16) NOT NULL

	primary key	
segment_id	Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code	UINT NOT NULL
segment_group_yn		STRING(1) NOT NULL
criticality	Criticality index with the scale's minimum and maximum value determined by the FK to Criticality_Scale_Type	INT
cs_type_db_site	Foreign key reference to Criticality_Scale_Type.cs_type_db_site	HEXSTRING(16)
cs_type_db_id	Foreign key reference to Criticality_Scale_Type.cs_type_db_id	UINT
cs_type_code	Foreign key reference to Criticality_Scale_Type.cs_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site (site_code)	segment_site
	criticality_scale_type (cs_type_db_site, cs_type_db_id, cs_type_code)	cs_type_db_site, cs_type_db_id, cs_type_code
	segment_type(sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#19 segment_child

Description: Segment Child (Segment DiGraph Edge) Entity

The **Segment_Child Entity** stores each weighted edge of a directed graph (digraph) which represents breakdown structures useful for engineering, operations, maintenance (such as Work Breakdown Structures), logistics, diagnostic/prognostic systems, etc.

The mandatory ordering_seq specifies the "weight" of the directed edge which is useful for ordering child segments or understanding the "cost" of an edge of the directed graph.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
child_sg_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_sg_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, child_sg_site, child_sg_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	segment (segment_site, segment_id)	child_sg_site, child_sg_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#27 segment_num_data

Description: Segment Numeric Data Entity

This entity will hold all the numeric nameplate and composition data related to a segment.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
sn_db_site	Foreign key reference to Sg_Num_Dat_Type.sn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sn_db_id	Foreign key reference to Sg_Num_Dat_Type.sn_db_id, Included in composite primary key	UINT NOT NULL
sn_type_code	Foreign key reference to Sg_Num_Dat_Type.sn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, sn_db_site, sn_db_id, sn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	segment (segment_site, segment_id)	segment_site, segment_id
	sg_num_dat_type (sn_db_site, sn_db_id, sn_type_code)	sn_db_site, sn_db_id, sn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#28 segment_chr_data

Description: Segment Character Data Entity

This entity will hold all the alpha-numeric data related to a segment.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
sc_db_site	Foreign key reference to Sc_Chr_Dat_Type.sc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sc_db_id	Foreign key reference to Sc_Chr_Dat_Type.sc_db_id, Included in composite primary key	UINT NOT NULL
sc_type_code	Foreign key reference to Sc_Chr_Dat_Type.sc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, sc_db_site, sc_db_id, sc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	segment (segment_site, segment_id)	segment_site, segment_id
	sc_chr_dat_type (sc_db_site, sc_db_id, sc_type_code)	sc_db_site, sc_db_id, sc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#188 segment_blob_data

Description: Segment Binary Data Related To a Specific Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Asset Entities

#32 model

Description: Model/Make-Model/Manufacturer Product/Part Entity

The **Model (Make-Model/Manufacturer Product/Manufacturer Part)** entity identifies a class or sub-class ("model revision" or "lot") of a manufacturer's products as defined by a manufacturer, of which only one instance can be associated with a specific **Asset**. Each **Model** is associated with exactly one **Asset Type**. Each **Database** can contain its own set of Model entries.

The optional **Segment** foreign key is a pointer to the top-level node in the "as-designed" breakdown digraph structure for the model as found in the **Asset_Child** entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Included in composite primary key	UINT NOT NULL
model_id	Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code	UINT NOT NULL
mf_db_site	Foreign key reference to Manufacture.mf_db_site	HEXSTRING(16)
mf_db_id	Foreign key reference to Manufacture.mf_db_id	UINT
manuf_code	Foreign key reference to Manufacture.manuf_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
prod_family	Product Family/Line	STRING(0:254)
prod_family_member	Member of Product Family/Line	STRING(0:254)
prod_family_member_rev	Revision of Product Family Member	STRING(0:254)
part_number	Manufacturer's Part Number	STRING(0:254)
segment_site	Foreign key reference to Segment.segment_site, refers to default functional breakdown structure	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id, refers to default functional breakdown structure	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies	UINT

	the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	model_db_site, model_db_id
	manufacturer (mf_db_site, mf_db_id, manuf_code)	mf_db_site, mf_db_id, manuf_code
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	segment (segment_site, segment_id)	segment_site, segment_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#97 model_child

Description: Model/Part Child Entity

The **Model_Child Entity** holds the taxonomies of a manufacturer's product **Model** "classes" (ex. AH-64) which have revision "releases" (ex. "AH-64A") and/or may be sub-divided into "lots" (ex, "AH-64A Lot 1") which vary in some way from the "parent" **Model**. NOTE: This is different from a Model Bill of Materials (BOM) which describes the decomposition of a single model into its sub-model child parts with associated quantities of each. OSA-EAI Version 3.2 will contain BOMs for Models as well as supports Model Child Structures of Material, Tools, and Documents.

Note: The mandatory ordering sequence, ordering_seq, specifies the order in which child model entries will appear when an application requests "all children" of a particular model.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
child_model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
child_model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, child_model_db_site, child_model_db_id, child_model_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	model (model_db_site, model_db_id, model_id)	child_model_db_site, child_model_db_id, child_model_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#35 model_num_data

Description: Model Numeric Data Entity

This entity will hold all the numeric nameplate and composition data related to a model.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
an_db_site	Foreign key reference to As_Num_Dat_Type.an_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
an_db_id	Foreign key reference to As_Num_Dat_Type.an_db_id, Included in composite primary key	UINT NOT NULL
an_type_code	Foreign key reference to As_Num_Dat_Type.an_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id,	

	model_id, an_db_site, an_db_id, an_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	as_num_dat_type (an_db_site, an_db_id, an_type_code)	an_db_site, an_db_id, an_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#36 model_chr_data

Description: Model Character Data Entity

This entity will hold all the alpha-numeric nameplate and composition data related to a model.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Mode.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Mode.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Mode.model_id, Included in composite primary key	UINT NOT NULL
ac_db_site	Foreign key reference to As_Chr_Dat_Type.ac_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ac_db_id	Foreign key reference to As_Chr_Dat_Type.ac_db_id, Included in composite primary key	UINT NOT NULL
ac_type_code	Foreign key reference to As_Chr_Dat_Type.ac_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, ac_db_site, ac_db_id, ac_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	as_chr_dat_type (ac_db_site, ac_db_id, ac_type_code)	ac_db_site, ac_db_id, ac_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#220 model_blob_data

Description: Model Binary Data Related To a Specific Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id, Included in composite primary key	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last	DATETIME(19:29)

	change to this record	
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#37 asset

Description: Asset Entity

An **Asset** is a physical, non-intelligent instantiated object. An **Asset** may be an entire facility, an entire functioning system (such as an CH-47 Tail Number XYZ helicopter), or a component piece of equipment, such as a specific instance of a bearing. Each **Asset** is associated with exactly one **Asset Type**. The **Asset** may be installed on/at a **Segment** over a period of time. An **Asset** can be monitored via **Measurement Locations**, be associated with work, and may be composed of one or more **Asset Child Structures**. When first referenced in a MIMOSA-compliant system, an origination **Site** permanently assigns an **Asset** a **MIMOSA Asset Code**.

The **MIMOSA Asset Code** is the **Site**-assigned unique identifier of an **Asset**. Because of multiple methodologies for serialized asset/component tracking identification in different industries and in various computer systems, an **Asset** will often need to be associated with many identifiers relevant to the **Asset** because they are the asset's "unique key" for various databases. These identifiers may change as an **Asset** is sold, leased, or refurbished and moves throughout multiple **Sites** or **Enterprises**. Because of this requirement, MIMOSA-compliant systems require that an **Asset** be permanently assigned one and only one **MIMOSA Asset Code** which is composed of the birth **MIMOSA Site Code** (in CRIS, the "asset_org_site") concatenated with a site-unique, non-negative integer (in CRIS, the "asset_id") which should never change throughout the lifetime of the **Asset**. This **MIMOSA Asset Code** (**MIMOSA Site Code** + "asset_id") normally does not have any external end-user meaning, but is the vital link for all MIMOSA-compliant systems to properly integrate and associate information to the correct **Asset**. The identical **MIMOSA Asset Code** must remain permanently-unique for the life-time of the **Asset**, even though it will most likely have additional temporarily-unique identifier tags assigned to the **Asset** by various systems.

The optional **Segment** foreign key is the top-level "as-built" breakdown structure for the asset, which is different than the "as-utilized" functional location segment for the asset (asset_on_segment) which tracks where an asset is utilized over time.

Note: "User_tag_ident" is the user identification tag which follows the nomenclature of the end-user. This is normally an abbreviation or user-defined code. This attribute is mandatory.

Note: The "name" attribute is an optional attribute which is a full description of the asset.

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to Site.site_code, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4096)

criticality	Criticality index with the scale's minimum and maximum value determined by the FK to Criticality_Scale_Type	INT
cs_type_db_site	Foreign key reference to Criticality_Scale_Type.cs_type_db_site	HEXSTRING(16)
cs_type_db_id	Foreign key reference to Criticality_Scale_Type.cs_type_db_id	UINT
cs_type_code	Foreign key reference to Criticality_Scale_Type.cs_type_code	UINT
mf_db_site	Foreign key reference to Manufacture.mf_db_site (Only use if no FK to Model entity, since the Model entity includes the Manufacturer)	HEXSTRING(16)
mf_db_id	Foreign key reference to Manufacture.mf_db_id (Optional Manufacturer FK)	UINT
manuf_code	Foreign key reference to Manufacture.mf_manuf_code (Optional Manufacturer FK)	UINT
model_db_site	Foreign key reference to Model.model_db_site (The model entity is the recommended location to associate the manufacturer for the asset)	HEXSTRING(16)
model_db_id	Foreign key reference to Model.model_db_id (Optional Model FK)	UINT
model_id	Foreign key reference to Model.model_id (Optional Model FK)	UINT
serial_number		STRING(0:254)
asr_db_site	Foreign key reference to As_Readiness_Type.asr_db_site	HEXSTRING(16)
asr_db_id	Foreign key reference to As_Readiness_Type.asr_db_id	UINT
asr_type_code	Foreign key reference to As_Readiness_Type.asr_type_code	UINT
segment_site	Foreign key reference to Segment.segment_site (Refers to default functional breakdown structure)	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id (Refers to default functional breakdown structure)	UINT
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site (site_code)	asset_org_site
	criticality_scale_type (cs_type_db_site, cs_type_db_id, cs_type_code)	cs_type_db_site, cs_type_db_id, cs_type_code
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	manufacturer (mf_db_site, mf_db_id, manuf_code)	mf_db_site, mf_db_id, manuf_code
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	as_readiness_type (asr_db_site, asr_db_id, asr_type_code)	asr_db_site, asr_db_id, asr_type_code
	segment (segment_site, segment_id)	segment_site, segment_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#38 asset_child

Description: Asset Child Entity (Asset Sub-components)

The **Asset_Child Entity** contains all the breakdown of assets into asset sub-components (child assets), to form serialized component part breakdown trees.

Note: The mandatory ordering sequence, ordering_seq specifies the order in which child assets appear when an application requests “all children” of a particular asset.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Type.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Type.asset_id, Included in composite primary key	UINT NOT NULL
child_as_site	Foreign key reference to Asset_Type.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_as_id	Foreign key reference to Asset_Type.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, child_as_site, child_as_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	asset (asset_org_site, asset_id)	child_as_site, child_as_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#41 asset_num_data

Description: Asset Numeric Data Entity

This entity will hold all the current numeric data related to an asset.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Type.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Type.asset_id, Included in composite primary key	UINT NOT NULL
an_db_site	Foreign key reference to As_Num_Dat_Type.an_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
an_db_id	Foreign key reference to As_Num_Dat_Type.an_db_id, Included in composite primary key	UINT NOT NULL
an_type_code	Foreign key reference to As_Num_Dat_Type.an_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, an_db_site, an_db_id, an_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	as_num_dat_type (an_db_site, an_db_id, an_type_code)	an_db_site, an_db_id, an_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#42 asset_chr_data

Description: Asset Character Data Entity

This entity will hold all the current alpha-numeric character data related to an asset.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.Asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.Asset_id, Included in composite primary key	UINT NOT NULL
ac_db_site	Foreign key reference to Ac_Chtr_Dat_Type.ac_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ac_db_id	Foreign key reference to Ac_Chtr_Dat_Type.ac_db_id, Included in composite primary key	UINT NOT NULL
ac_type_code	Foreign key reference to Ac_Chtr_Dat_Type.ac_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ac_db_site, ac_db_id, ac_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	ac_chr_dat_type (ac_db_site, ac_db_id, ac_type_code)	ac_db_site, ac_db_id, ac_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#189 asset_blob_data

Description: Asset Binary Data Related To a Specific Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id, Included in composite primary key	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies	HEXSTRING(16)

	the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, asset_org_site, asset_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#44 asset_on_segment

Description: Asset on Segment History Entity

This entity stores when a particular asset was installed on/at a given segment and uses the date/time installed as part of the primary key. If not known when installed, the current date/time should be specified.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_installed	Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_removed		DATETIME(19:29)
installed_by_agent_site	Foreign key reference to Agent.org_agent_site (Installed by Agent FK)	HEXSTRING(16)
installed_by_agent_id	Foreign key reference to Agent.agent_id (Installed by Agent FK)	UINT
removed_by_agent_site	Foreign key reference to Agent.org_agent_site (Removed by Agent FK)	HEXSTRING(16)
removed_by_agent_id	Foreign key reference to Agent.agent_id (Removed by Agent FK)	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, segment_site, segment_id, gmt_installed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	installed_by_agent_site, installed_by_agent_id
	agent (org_agent_site, agent_id)	removed_by_agent_site, removed_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#482 asset_model_history

Description: Tracks the Models An Asset Was Associated With Throughout Its Life (Current Asset's Model is also maintained in the Asset entity)

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Asset was configured as Model	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Asset was configured as Model	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, model_db_site, model_db_id, model_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#45 asset_owner

Description: Asset Owner History Entity

This entities stores the owner of a particular asset over time and stores the date purchased as part of the primary key. If not known when purchased, the current date/time should be specified.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
gmt_purchased	Included in composite primary key	DATETIME(19:29) NOT NULL
sold_to_site	Foreign key reference to Site.site_code	HEXSTRING(16) NOT NULL
purch_from_site	Foreign key reference to Site.site_code	HEXSTRING(16)
pc_db_site	Foreign key reference to Purchase_Cond_Type.pc_db_site	HEXSTRING(16)
pc_db_id	Foreign key reference to Purchase_Cond_Type.pc_db_id	UINT
pc_type_code	Foreign key reference to Purchase_Cond_Type.pc_type_code	UINT
asr_db_site	Foreign key reference to As_Readiness_Type.asr_db_site	HEXSTRING(16)
asr_db_id	Foreign key reference to As_Readiness_Type.asr_db_id	UINT
asr_type_code	Foreign key reference to As_Readiness_Type.asr_type_code	UINT
gmt_sold		DATETIME(19:29)
gmt_discarded		DATETIME(19:29)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id,	

	gmt_pruchased	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	site (site_code)	sold_to_site
	site (site_code)	purch_from_site
	purchase_cond_type (pc_db_site, pc_db_id, pc_type_code)	pc_db_site, pc_db_id, pc_type_code
	as_readiness_type (asr_db_site, asr_db_id, asr_type_code)	asr_db_site, asr_db_id, asr_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Agent Entities

#117 agent

Description: Agent Entity

Attribute	Description	Size/Type
org_agent_site	Foreign key reference to Site.site_code (home site), Included in composite primary key	HEXSTRING(16) NOT NULL
agent_id	Included in composite primary key	UINT NOT NULL
agent_db_site	Foreign key reference to Agent_Type.agent_db_site	HEXSTRING(16) NOT NULL
agent_db_id	Foreign key reference to Agent_Type.agent_db_id	UINT NOT NULL
agent_type_code	Foreign key reference to Agent_Type.agent_type_code	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16)
asset_id	Foreign key reference to Asset.asset_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	org_agent_site, agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site (site_code)	org_agent_site
	agent_type (agent_db_site, agent_db_id, agent_type_code)	agent_db_site, agent_db_id, agent_type_code
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#118 agent_role

Description: Agent Roles Entity

This entity assigns roles to individual agents. Possible agent role types include Manager, Owner, Employer, Buyer, Operator, etc.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
org_agent_site	Foreign key reference to Agent.org_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
ag_role_db_site	Foreign key reference to Agent_Role_Type.ag_role_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ag_role_db_id	Foreign key reference to Agent_Role_Type.ag_role_db_id, Included in composite primary key	UINT NOT NULL
ag_role_type_code	Foreign key reference to Agent_Role_Type.ag_role_type_code, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	org_agent_site, agent_id, ag_role_db_site, ag_role_db_id, ag_role_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	agent_role_type (ag_role_db_site, ag_role_db_id, ag_role_type_code)	ag_role_db_site, ag_role_db_id,

		ag_role_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#223 agent_role_with_agent

Description: Agent in Defined Role with Associated Agent Entity

This entity defines roles for agents in relationship to other agents. In this context, possible agent role types might include Manager Of, Owner Of, Employer Of, Buyer From, etc.

Note: The attributes org_agent_site, agent_id, ag_role_db_site and ag_role_db_id define the agent's role: Manager Of, Buyer From, etc.

Note: The attributes other_org_agent_site and other_agent_id identify the associated agent.

Attribute	Description	Size/Type
org_agent_site	Foreign key reference to Agent_Role.org_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
agent_id	Foreign key reference to Agent_Role.agent_id, Included in composite primary key	UINT NOT NULL
ag_role_db_site	Foreign key reference to Agent_Role.ag_role_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ag_role_db_id	Foreign key reference to Agent_Role.ag_role_db_id, Included in composite primary key	UINT NOT NULL
ag_role_type_code	Foreign key reference to Agent_Role.ag_role_type_code, Included in composite primary key	UINT NOT NULL
other_org_agent_site	Foreign key reference to Agent.org_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
other_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	org_agent_site, agent_id, ag_role_db_site, ag_role_db_id, ag_role_type_code, other_org_agent_site, other_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	agent_role (org_agent_site, agent_id, ag_role_db_site, ag_role_db_id, ag_role_type_code)	org_agent_site, agent_id, ag_role_db_site, ag_role_db_id, ag_role_type_code
	agent (org_agent_site, agent_id)	other_org_agent_site, other_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Network (Agent Role Views and As-Designed/As-Built/As-Maintained Engineering Lifecycle Views) Entities

#284 network

Description: Network Entity

The **Network** Entity stores the unique identification of **Segment Network** structure and/or an **Asset Network** structure for a given database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
network_id	Included in composite primary key	UINT NOT NULL
nt_db_site	Foreign key reference to Network_Type.nt_db_site	HEXSTRING(16) NOT NULL
nt_db_id	Foreign key reference to Network_Type.nt_db_id	UINT NOT NULL
nt_type_code	Foreign key reference to Network_Type.nt_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	network_db_site, network_db_id
	network_type (nt_db_site, nt_db_id, nt_type_code)	nt_db_site, nt_db_id, nt_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#561 child_network_config_history

Description: Tracks Valid Child Networks for a Parent Network Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
child_network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
child_network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Child Network relationship was valid, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Child Network network was no longer valid	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, child_network_db_site, child_network_db_id, child_network_id, gmt_start	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	network (network_db_site, network_db_id, network_id)	child_network_db_site, child_network_db_id, child_network_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#308 sg_network_connect

Description: Segment Network Connection Entity

The **Segment Network** entity contains the connectivity relationships between segments, and allows segments to be associated in ordered input-output flow chains (i.e., process flowcharts) or sequenced parent-child relationships.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
segment_site	Connection source parent segment where the connection begins or from whence it flows. Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Connection source parent segment where the connection begins or from whence it flows. Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
output_sg_site	Connection sink child segment where the connection ends or to where it flows. Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
output_sg_id	Connection sink child segment where the connection ends or to where it flows. Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
net_conn_type_db_site	Foreign key reference to Network_Conn_Type.net_conn_type_db_site	HEXSTRING(16)
net_conn_type_db_id	Foreign key reference to Network_Conn_Type.net_conn_type_db_id	UINT
net_conn_type_code	Foreign key reference to Network_Conn_Type.net_conn_type_code	UINT
gmt_stream_config	model_config_network_history, and asset_config_network_history which can maintain explicit network segment configurations over time.	DATETIME(19:29)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)

last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, segment_site, segment_id, output_sg_site, output_sg_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	segment (segment_site, segment_id)	segment_site, segment_id
	segment (segment_site, segment_id)	output_sg_site, output_sg_id
	network_conn_type (net_conn_type_db_site, net_conn_type_db_id, net_conn_type_code)	net_conn_type_db_site, net_conn_type_db_id, net_conn_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#309 as_network_connect

Description: Asset Network Connection Entity

The **Asset Network** Entity contains the connectivity relationships between assets, and allows assets to be associated in ordered input-output flow chains (i.e., process flowcharts) or sequenced parent-child relationships.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Connection source parent asset where the connection begins or from whence it flows. Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Connection source parent asset where the connection begins or from whence it flows. Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
output_as_site	Connection sink child asset where the connection ends or to where it flows. Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
output_as_id	Connection sink child asset where the connection ends or to where it flows. Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
net_conn_type_db_site	Foreign key reference to Network_Conn_Type.net_conn_type_db_site	HEXSTRING(16)
net_conn_type_db_id	Foreign key reference to Network_Conn_Type.net_conn_type_db_id	UINT
net_conn_type_code	Foreign key reference to Network_Conn_Type.net_conn_type_code	UINT
gmt_stream_config	Before V3.2 this field was available to maintain a configuration timestamp label for different configurations of a network "stream". Now deprecated in V3.2 after introduction of Entities segment_config_network_history, model_config_network_history, and asset_config_network_history which can maintain explicit network asset configurations over time.	DATETIME(19:29)

gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, asset_org_site, asset_id, output_as_site, output_as_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	asset (asset_org_site, asset_id)	output_as_site, output_as_id
	network_conn_type (net_conn_type_db_site, net_conn_type_db_id, net_conn_type_code)	net_conn_type_db_site, net_conn_type_db_id, net_conn_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#578 network_num_data

Description: Network Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
nn_type_db_site	Foreign key reference to Network_Num_Dat_Type.nn_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
nn_type_db_id	Foreign key reference to Network_Num_Dat_Type.nn_type_db_id, Included in composite primary key	UINT NOT NULL
nn_type_code	Foreign key reference to Network_Num_Dat_Type.nn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, nn_type_db_site, nn_type_db_id, nn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	network_num_dat_type (nn_type_db_site, nn_type_db_id, nn_type_code)	nn_type_db_site, nn_type_db_id, nn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#579 network_chr_data

Description: Network Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
nc_type_db_site	Foreign key reference to Network_Chr_Dat_Type.nc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
nc_type_db_id	Foreign key reference to Network_Chr_Dat_Type.nc_db_id, Included in composite primary key	UINT NOT NULL
nc_type_code	Foreign key reference to Network_Chr_Dat_Type.nc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, nc_db_site, nc_db_id, nc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	network_chr_dat_type (nc_db_site, nc_db_id, nc_type_code)	nc_db_site, nc_db_id, nc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#580 network_blob_data

Description: Network Binary Data Entity

This entity will hold all the current binary data related to a Network.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	network_db_site, network_db_id, network_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#483 segment_config_network_history

Description: Tracks Networks A Segment Was Associated With Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Network was valid for the Site, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Network was valid for the Site	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, network_db_site, network_db_id, network_id, gmt_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id

	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#484 model_config_network_history

Description: Tracks Valid Networks A Model Was Associated With Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Network was valid for the Site, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Network was valid for the Site	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, network_db_site, network_db_id, network_id, gmt_start	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#485 asset_config_network_history

Description: Tracks Valid Networks An Asset Was Associated With Throughout Its Life

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Network was valid for the Site, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Network was valid for the Site	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, network_db_site, network_db_id, network_id, gmt_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#560 ag_role_type_config_net_hist

Description: Tracks Valid Networks for an Agent Role Throughout It's Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ag_role_db_site	Foreign key reference to Agent_Role_Type.ag_role_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ag_role_db_id	Foreign key reference to Agent_Role_Type.ag_role_db_id, Included in composite primary key	UINT NOT NULL
ag_role_type_code	Foreign key reference to Agent_Role_Type.ag_role_type_code, Included in composite primary key	UINT NOT NULL
network_db_site	Foreign key reference to Network.network_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
network_db_id	Foreign key reference to Network.network_db_id, Included in composite primary key	UINT NOT NULL
network_id	Foreign key reference to Network.network_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when Network was valid for the Site, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time when Network was valid for the Site	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ag_role_db_site, ag_role_db_id, ag_role_type_code, network_db_site, network_db_id, network_id, gmt_start	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	agent_role_type (ag_role_db_site, ag_role_db_id, ag_role_type_code)	ag_role_db_site, ag_role_db_id, ag_role_type_code
	network (network_db_site, network_db_id, network_id)	network_db_site, network_db_id, network_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Logged Event (Fact) Entities

#30 segment_event

Description: Segment Event Entity

This entity holds the different events which occurred on segments. These include both operating events and failure events such as; Logged Operating Events, Failure “Modes”, Failure “Effects”, Failure “Mechanisms”, Defect Events Abnormal Situations, Alarm Events, etc. An event is NOT work performed by an entity, but a log of the actual events which occurred at a service segment over time.

Note: gmt_event_start, gmt_event_stop, and gmt_stored are Greenwich Mean Time.

Note: ev_loc_hr_delta, is the number of hours +/- GMT to calculate the correct local time(s) for the event.

Note: st_loc_hr_delta is the number of hours +/- GMT to calculate the correct local time that the event record was stored in the database.

Note: ev_loc_min_delta: If null, assume local minute offset from GMT = 0

Note: st_loc_min_delta: If null, assume local minute offset from GMT = 0

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Event start time (GMT), Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_event_stop	Event end time (GMT)	DATETIME(19:29)
ev_loc_hr_delta	Event start/stop time local hour offset from GMT	SHORT
ev_loc_min_delta	Event strat/stop tim local minute offset from GMT	USHORT
gmt_stored	Time event record was stored in database (GMT)	DATETIME(19:29)
st_loc_hr_delta	Stored time local hour offset from GMT	SHORT
st_loc_min_delta	Stored time local minute offset from GMT	USHORT

user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#43 asset_event

Description: Asset Event Entity

This entity holds the different types of possible events for assets. These include both operating events and failure events such as; Timestamped Facts, Logged Operating Events, Failure “Modes”, Failure “Effects”, Failure “Mechanisms”, Defect Events, Abnormal Situations, Alarm Events, etc.. An event is NOT work performed by an entity, but a log of the actual events which occurred at an asset over time.

Note: gmt_event_start, gmt_event_stop, and gmt_stored are Greenwich Mean Time.

Note: ev_loc_hr_delta, is the number of hours +/- GMT to calculate the correct local time for the event.

Note: st_loc_hr_delta is the number of hours +/- GMT to calculate the correct local time that the event record was stored in the database.

Note: ev_loc_min_delta: If null, assume local minute offset from GMT = 0

Note: st_loc_min_delta: If null, assume local minute offset from GMT = 0

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Event start time (GMT), Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_event_stop	Event end time (GMT)	DATETIME(19:29)
ev_loc_hr_delta	Event start/stop time local hour offset from GMT	SHORT
ev_loc_min_delta	Event start/stop time local minute offset from GMT	USHORT
gmt_stored	Time event stored in database (GMT)	DATETIME(19:29)
st_loc_hr_delta	Store time local hour offset from GMT	SHORT
st_loc_min_delta	Store time local minute offset from GMT	USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)

name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#152 segment_event_link

Description: Segment Event Cause/Effect Links in an Event Causal Network

Attribute	Description	Size/Type
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
caused_sg_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_sg_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
caused_ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
caused_ev_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
caused_gmt	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, caused_sg_site, caused_sg_id, caused_ev_db_site, caused_ev_db_id, caused_ev_code, caused_gmt	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	caused_sg_site, caused_sg_id, caused_ev_db_site, caused_ev_db_id, caused_ev_code, caused_gmt
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#153 asset_event_link

Description: Asset Event Cause/Effect Links in an Event Causal Network

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
caused_as_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_as_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
caused_ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
caused_ev_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
caused_gmt	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, caused_as_site, caused_as_id, caused_ev_db_site, caused_ev_db_id, caused_ev_code, caused_gmt	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	caused_as_site, caused_as_id, caused_ev_db_site, caused_ev_db_id, caused_ev_code, caused_gmt
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#111 sg_event_num_data

Description: Segment Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#113 as_event_num_data

Description: Asset Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.ent_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#357 sg_event_chr_data

Description: Segment Event Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
ec_db_site	Foreign key reference to Ev_Chr_Data_Type.ec_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Ev_Chr_Data_Type.ec_db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Foreign key reference to Ev_Chr_Data_Type.ec_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	ev_chr_data_type (ec_db_site, ec_db_id, ec_type_code)	ec_db_site, ec_db_id, ec_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#358 as_event_chr_data

Description: Asset Event Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
ec_db_site	Foreign key reference to Ev_Chkr_Data_Type.ec_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Ev_Chkr_Data_Type.ec_db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Foreign key reference to Ev_Chkr_Data_Type.ec_type-code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	ev_chr_data_type (ec_db_site, ec_db_id, ec_type_code)	ec_db_site, ec_db_id, ec_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#453 sg_event_blob_data

Description: Segment Event Binary Data Entity

This entity will hold all the current binary data related to a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id, Included in composite primary key	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in	STRING(0:254)

	image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#454 as_event_blob_data

Description: Asset Event Binary Data Entity

This entity will hold all the current binary data related to an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_site	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be	STRING(0:254)

	extracted into a file.	
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#294 sg_ev_meas_event

Description: Segment Events Associated With Measurement Events Which Substantiate the Actual Event

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, meas_loc_site, meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#295 as_ev_meas_event

Description: Asset Events Associated With Measurement Events Which Substantiate the Actual Event

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite		HEXSTRING(16)
by_agent_id		UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, meas_loc_site, meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Measurement Setup Entities

#52 data_source

Description: Data Source Asset Entity (Subset of Asset Entity)

This entity is a subset of the asset entity and catalogs all the data asset sources (collectors, monitoring systems, etc.) used to take measurements.

Note: Measurements can be stored in the measurement event entity without data source information, so entries in this entity are not required.

Attribute	Description	Size/Type
ds_asset_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ds_asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
ds_db_site	Foreign key reference to Data_Source_Type.ds_db_site	HEXSTRING(16) NOT NULL
ds_db_id	Foreign key reference to Data_Source_Type.ds_db_id	UINT NOT NULL
ds_type_code	Foreign key reference to Data_Source_Type.ds_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ds_asset_site, ds_asset_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	ds_asset_site, ds_asset_id
	data_source_type (ds_db_site, ds_db_id, ds_type_code)	ds_db_site, ds_db_id, ds_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#54 transducer

Description: Transducer Asset Entity (Subset of Asset Entity)

This entity is a subset of the asset entity and catalogs all the transducers used to take measurements. The output amplitude and output amplitude units describe the raw analog output signal which comes from the transducer (i.e. 200 millivolts) representing 1 resulting engineering unit (the “per” engineering unit fields, i.e. MIL).

Note: Measurements can be stored in the measurement event entity without transducer information, so entries in this entity are not required.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
tr_asset_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tr_asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
tr_db_site	Foreign key reference to Trans_Type.tr_db_site	HEXSTRING(16) NOT NULL
tr_db_id	Foreign key reference to Trans_Type.tr_db_id	UINT NOT NULL
tr_type_code	Foreign key reference to Trans_Type.tr_type_code	UINT NOT NULL
out_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16)
out_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
out_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
out_amplitude		DOUBLE
per_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16)
per_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
per_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
gmt_last_calib		DATETIME(19:29)
self_powered_yn		STRING(1)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tr_asset_site, tr_asset_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	tr_asset_site, tr_asset_id
	trans_type (tr_db_site, tr_db_id, tr_type_code)	tr_db_site, tr_db_id, tr_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	out_eu_db_site, out_eu_db_id, out_eu_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	per_eu_db_site, per_eu_db_id, per_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	self_powered_yn	NULL, 'Y', 'N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#47 meas_location

Description: Measurement Location Entity

The **Measurement Location** entity identifies the physical position on an asset or segment where actual measurements will be taken along with the associated **Measurement Location Type**. In order for multiple enterprises to exchange MIMOSA information, every **Measurement Location** must request and utilize its unique, unchanging **MIMOSA Measurement Location Code**.

The **MIMOSA Measurement Location Code** is the **Site**-assigned unique identifier of a **Measurement Location**. Because of multiple methodologies for serialized measurement location tracking identification in different industries and in various monitoring systems installed over time, a **Measurement Location** may be associated with different identifiers relevant to the **Measurement Location** because they are the measurement location's "unique tag" for various databases. Because of this requirement, MIMOSA-compliant systems require that a **Measurement Location** be permanently assigned one and only one **MIMOSA Measurement Location Code** which is composed of the associated **MIMOSA Site Code** (in CRIS, the "meas_loc_site") concatenated with a site-unique, non-negative integer (in CRIS, the "meas_loc_id") which should never change throughout the lifetime of the **Measurement Location**. This **MIMOSA Measurement Location Code** (**MIMOSA Site Code** + "meas_loc_id") normally does not have any external end-user meaning, but is the vital link for all MIMOSA-compliant systems to properly integrate and associate information to the correct **Measurement Location**. The identical **MIMOSA Measurement Location Code** must remain permanently-unique for the life-time of the **Site**, even though it will most likely have additional temporarily-unique identifier tags assigned to the **Measurement Location** by various systems.

This entity also stores the source of the measurement data, the type of transducer which will be used (if applicable), the degree of the transducer's angular orientation (if applicable), and the corresponding transducer sensitive axis direction code (if applicable).

Note: This entity specifies the default location type which will categorize the measurements which will be collected and stored. Each Measurement Event of a Measurement Location can also map to a location type for an "event-specific" category.

Although this entity does not physically restrict it, a measurement location must be assigned to either a segment or an asset in this entity, as indicated by the segment_or_asset attribute, but not both.

The degree of the transducer's angular orientation (attribute ta_orient_deg) (0-360) and the corresponding transducer sensitive axis direction code, if applicable, is stored in this entity.

The specification of the MIMOSA Vibration Measurement Location Code as specified in Document MIM-VB-001, is based on appending the following attributes together to form a 14-character unique MIMOSA Location Code. The following attributes from this entity are used directly or as foreign key references to create this code:

Component Part => mim_user_prefix (4 characters or XXXX if NULL)

Bearing Housing Location on Machine System => mim_loc_seq (3-digits with leading zeroes)

Transducer Type => trans_type.user_tag_ident (first 2 characters in field referenced by tr_db_site, tr_db_id, tr_type_code or XX if NULL)

Angular Orientation => ta_orient_deg (3 digits with leading zeroes or XXX if NULL)

Transducer Sensitive Axis Direction => 1st character from tr_axis_dir_type.name referenced by ta_db_site, ta_db_id, ta_type_code

Direction of Motion => motion direction (1 character or X if NULL)

Note: The "user_tag_ident" is the user identification tag which follows the nomenclature of the end-user. This is normally an abbreviation or user-defined alpha-numeric code from which the end-user derives meaning. This attribute is mandatory.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Site.site_code, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Included in composite primary key	UINT NOT NULL
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site	HEXSTRING(16) NOT NULL
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id	UINT NOT NULL
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code	UINT NOT NULL
segment_or_asset		STRING(1) NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id	UINT
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16)
asset_id	Foreign key reference to Asset.asset_id	UINT
ds_db_site	Foreign key reference to Data_Source_Type.ds_db_site	HEXSTRING(16)
ds_db_id	Foreign key reference to Data_Source_Type.ds_db_id	UINT
ds_type_code	Foreign key reference to Data_Source_Type.ds_type_code	UINT
tr_db_site	Foreign key reference to Trans_Type.tr_db_site	HEXSTRING(16)
tr_db_id	Foreign key reference to Trans_Type.tr_db_id	UINT
tr_type_code	Foreign key reference to Trans_Type.tr_type_code	UINT
ta_orient_deg		UINT
ta_db_site	Foreign key reference to Tr_Axis_Dir_Type.ta_db_site	HEXSTRING(16)

ta_db_id	Foreign key reference to Tr_Axis_Dir_Type.ta_db_id	UINT
ta_type_code	Foreign key reference to Tr_Axis_Dir_Type.ta_type_code	UINT
mim_loc_seq		UINT
motion_direction	Valid 'N' and 'R'	STRING(1)
mim_user_prefix		STRING(4)
mc_db_site	Foreign key reference to Mloc_Calc_Type.mc_db_site (Default method that measurement is calculated from raw data)	HEXSTRING(16)
mc_db_id	Foreign key reference to Mloc_Calc_Type.mc_db_id	UINT
mc_type_code	Foreign key reference to Mloc_Calc_Type.mc_type_code	UINT
mc_calc_size	Parameter "x" used for the calculation	UINT
update_interval	Default frequency that measurements at this location will be updated	DOUBLE
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (Eng. units for default frequency)	HEXSTRING(16)
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
collect_duration	Default duration of collection for measurements at this location	DOUBLE
dur_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (Time eng. units for default collection duration)	HEXSTRING(16)
dur_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
dur_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
ml_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site to specify an optional default engineering unit	HEXSTRING(16)
ml_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id to specify an optional default engineering unit	UINT
ml_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code to specify an optional default engineering unit	UINT
xml_data_type	Stores the XML data type for the data stored in this measurement location	STRING(254)
xml_pattern_regex	Stores the XML regular expression for character data stored in this measurement location	STRING(254)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
barcode		STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)

last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site (site_code)	meas_loc_site
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	segment (sement_site, segment_id)	sement_site, segment_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	data_source_type (ds_db_site, ds_db_id, ds_type_code)	ds_db_site, ds_db_id, ds_type_code
	trans_type (tr_db_site, tr_db_id, tr_type_code)	tr_db_site, tr_db_id, tr_type_code
	tr_axis_dir_type (ta_db_site, ta_db_id, ta_type_code)	ta_db_site, ta_db_id, ta_type_code
	mloc_calc_type (mc_db_site, mc_db_id, mc_type_code)	mc_db_site, mc_db_id, mc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	dur_eu_db_site, dur_eu_db_id, dur_eu_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	ml_eu_db_site, ml_eu_db_id, ml_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	segment_or_asset	'A','S'
	motion_direction	'N','R'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#344 meas_loc_num_data

Description: Measurement Location Numeric Data Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
mln_db_site	Foreign key reference to Mloc_Num_Data_Type.mln_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mln_db_id	Foreign key reference to Mloc_Num_Data_Type.mln_db_id, Included in composite primary key	UINT NOT NULL
mln_type_code	Foreign key reference to Mloc_Num_Data_Type.mln_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, mln_db_site, mln_db_id, mln_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	mloc_num_data_type (mln_db_site, mln_db_id, mln_type_code)	mln_db_site, mln_db_id, mln_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#345 meas_loc_chr_data

Description: Measurement Location Character Data Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
mlc_db_site	Foreign key reference to Mloc_Chr_Data_Type.mlc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mlc_db_id	Foreign key reference to Mloc_Chr_Data_Type.mlc_db_id, Included in composite primary key	UINT NOT NULL
mlc_type_code	Foreign key reference to Mloc_Chr_Data_Type.mlc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, mlc_db_site, mlc_db_id, mlc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	mloc_chr_data_type (mlc_db_site, mlc_db_id, mlc_type_code)	mlc_db_site, mlc_db_id, mlc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#346 meas_loc_blob_data

Description: Measurement Location Blob Data Entity

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, bd_db_site, bd_db_id, bd_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#334 meas_loc_assoc

Description: Measurement Location Association Entity

This entity contains measurement locations which are related to one another. An example of its use is to associate a vibration measurement location to its corresponding tachnometer signal measurement location and for multi-channel locations which are related to each other.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
related_mloc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
related_mloc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, related_mloc_site, related_mloc_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	meas_location (meas_loc_site, meas_loc_id)	related_mloc_site, related_mloc_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Measurement Data Entities

#56 meas_event

Description: Measurement Event History Entity

This entity is a history of data collection events occurring at measurement locations. This event could have recorded a single numeric value of a certain type, or a group of related signal processed measurements. Each measurement event relates back to one measurement location.

Foreign keys are defined to the segment, asset, data collection source, and transducer entities in order for a system to track which segment and/or which asset and which data collection source and transducer the measurement is tied to at this particular instance in time. This entity does not contain the actual data, but the fact that at a given time, at a measurement location which was then associated with a physical object and/or a functional object, a measurement of a certain location type was taken.

Note: The non-mandatory segment_site and segment_id attributes are for measurement locations on assets where the actual segment where the asset is installed needs to be captured with the measurement event.

Note: The non-mandatory asset_org_site and asset_id attributes are for measurement locations on segments where the actual asset installed on the segment needs to be captured with the measurement event.

Note: ev_loc_hr_delta is the number of hours +/- GMT to calculate the correct local time for the event.

Note: st_loc_hr_delta is the number of hours +/- GMT to calculate the correct local time that the event row was stored in the database.

Note: ev_loc_min_delta: If null, assume local minute offset from GMT = 0

Note: st_loc_min_delta: If null, assume local minute offset from GMT = 0

Note: confid_percent: Confidence in measurement accuracy (0 = no confidence, 100 = complete confidence)

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Unique timestamp assigned to this measurement collection, as recorded by collection archive system (must be unique and is normally different than the source stored timestamp below)	DATETIME(19:29) NOT NULL
ev_loc_hr_delta	Local event time hour offset from GMT	SHORT
ev_loc_min_delta	Local event time minute offset from GMT	USHORT
gmt_stored	Timestamp in GMT/UTC when	DATETIME(19:29)

	measurement was stored/captured on the original source system or platform (may not be unique)	
st_loc_hr_delta	Local source stored/captured time hour offset from GMT	SHORT
st_loc_min_delta	Local source stored/captured time minute offset from GMT	USHORT
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id	UINT
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16)
asset_id	Foreign key reference to Asset.asset_id	UINT
ds_asset_site	Foreign key reference to Data_Source.ds_asset_site	HEXSTRING(16)
ds_asset_id	Foreign key reference to Data_Source.ds_asset_id	UINT
tr_asset_site	Foreign key reference to Transducer.tr_asset_site	HEXSTRING(16)
tr_asset_id	Foreign key reference to Transducer.tr_asset_id	UINT
dqual_type_code	Foreign key reference to Data_Qual_Type.dqual_type_code	USHORT NOT NULL
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site (Optional location type which specifically categorizes this measurement event)	HEXSTRING(16)
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id	UINT
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code	UINT
mc_db_site	Foreign key reference to Mloc_Calc_Type.mc_db_site (Actual method that measurement was calculated from raw data)	HEXSTRING(16)
mc_db_id	Foreign key reference to Mloc_Calc_Type.mc_db_id	UINT
mc_type_code	Foreign key reference to Mloc_Calc_Type.mc_db_id	UINT
mc_calc_size	Parameter "x" used for the calculation	UINT
collect_duration	Actual duration for this measurement event's data collection	DOUBLE
dur_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (Eng. units for default collection duration)	HEXSTRING(16)
dur_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
dur_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
confid_percent	Confidence in measurement accuracy (0 = no confidence, 100 = complete confidence)	USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)

name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	segment (segment_site, segment_id)	segment_site, segment_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	data_source (ds_asset_site, ds_asset_id)	ds_asset_site, ds_asset_id
	transducer (tr_asset_site, tr_asset_id)	tr_asset_site, tr_asset_id
	data_qual_type (dqual_type_code)	dqual_type_code
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	mloc_calc_type (mc_db_site, mc_db_id, mc_type_code)	mc_db_site, mc_db_id, mc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	dur_eu_db_site, dur_eu_db_id, dur_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#57 meas_event_rem

Description: Measurement Event Remarks Entity

This entity is where textual remarks for each measurement event are recorded. This entity allows an operator or analyst to enter free-form notes about why this measurement event was recorded, etc.

Note: This entity should NOT store measurement event alpha-numeric character data like dates or user identifiers which should be tracked over time. These should be stored in the measurement event character value entity #59 (mevent_chr_value) with a specific engineering unit associated with it.

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#100 meas_event_assoc

Description: Measurement Event Associations

This entity contains measurement events which are related to one another. This is used in vibration to associate a vibration measurement event to its corresponding tachometer signal measurement event and for multi-channel data which are related to each other.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
related_mloc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
related_mloc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
related_gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, related_mloc_site, related_mloc_id, related_gmt_event	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	related_mloc_site, related_mloc_id, related_gmt_event
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#58 mevent_num_data

Description: Measurement Event Numeric Data Entity

This entity is where all simple numeric data values which are related to a measurement event for non-signal processed data is stored.

This entity could store simple pressures, temperatures, voltages, load readings, etc. which do not need additional information to interpret.

Note: Do NOT store frequency-related overall vibration amplitude data in this entity. These values should be stored in the signal-processed, single amplitude value/vector entity (sp_ampl_data).

Note: Do NOT store fluid/gas test data nor electrical test data which require a “test type” in order to be comprehended.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	DATETIME(19:29) NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code, Included in composite primary key	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this	USHORT

	entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#498 binary_num_data

Description: Measurement Event Binary Numeric Data

Allows the storage of Unlimited Numeric Data of the same Engineering Unit, Each Paired With an Associated Offset Time from a base reference time associated with a Measurement Event. This entity is usually used to store large amounts of numeric data which was captured intermittently over a period of time from a single reference time. Note that periodically collected time waveform numeric data (i.e., every second) should be stored in the sp_time_data entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	PK, Included in composite primary key	UINT NOT NULL
gmt_reference	GMT/UTC reference time (start offset of 0)	DATETIME(19:29) NOT NULL
total_data_items	Total number of offset/value data pairs	UINT NOT NULL
offsets_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (of the offset for each data pair, which would refer to time-related entries such as "millisecond" or "second")	HEXSTRING(16) NOT NULL
offsets_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (of the offset for each data pair, which would refer to time-related entries such as "millisecond" or "second")	UINT NOT NULL
offsets_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (of the offset for each data pair, which would refer to time-related entries such as "millisecond" or "second")	UINT NOT NULL
offsets_std_data_type_code	Foreign key reference to Standard_Data_Type.std_data_type_code (identifies how offsets are represented as numeric data types in all data pairs (4-byte integer, etc.))	USHORT NOT NULL
values_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (of the value for each data pair, which would refer to the engineering unit of the value itself such as "inches", "meters", "GPM", etc.)	HEXSTRING(16) NOT NULL

values_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (of the value for each data pair, which would refer to the engineering unit of the value itself such as "inches", "meters", "GPM", etc.)	UINT NOT NULL
values_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (of the value for each data pair, which would refer to the engineering unit of the value itself such as "inches", "meters", "GPM", etc.)	UINT NOT NULL
values_std_data_type_code	Foreign key reference to Standard_Data_Type.std_data_type_code (identifies how values are represented as numeric data types in all data pairs (Unsigned 4-byte integer, Signed 8-byte integer, etc.))	USHORT NOT NULL
offsets_binary_data	Variable-length binary field containing all offsets. The offsets are all the time offsets represented in offset_standard_data_type format (4-byte integer, etc.) of the specified offset times in offset Engineering Units (milliseconds, seconds, etc.) associated with each value from time "0" which equals the gmt_reference time.	BASE64BINARY NOT NULL
values_binary_data	Variable-length binary field containing all associated values for each offset stored in offset_binary_data. The values are all the numeric data represented in value_standard_data_type format (signed 8-byte integer, etc.) in the specified Engineering Unit Type format (meters, etc.).	BASE64BINARY NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
Primary Key	Attribute(s)	

	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
Foreign Keys	Foreign Entity (Attribute(s))	Attribute(s)
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	offsets_eu_db_site, offsets_eu_db_id, offsets_eu_type_code
	standard_data_type (std_data_type_code)	offsets_std_data_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	values_eu_db_site, values_eu_db_id, values_eu_type_code
	standard_data_type (std_data_type_code)	values_std_data_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#59 mevent_chr_data

Description: Measurement Event Character Data Entity

This entity is where all alpha-numeric data values which are related to a measurement event for non-signal processed data is stored.

This entity stores measurement location data which needs to be tracked over time and contains an alpha-numeric code or date.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code, Included in composite primary key	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#165 mevent_blob_data

Description: Measurement Event Binary Data

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
mebt_db_site	Foreign key reference to Mevent_blob_Type.mebt_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mebt_db_id	Foreign key reference to Mevent_blob_Type.mebt_db_id, Included in composite primary key	UINT NOT NULL
meb_type_code	Foreign key reference to Mevent_blob_Type.meb_type_code, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code,	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	mevent_blob_type (mebt_db_site, mebt_db_id, meb_type_code)	mebt_db_site, mebt_db_id, meb_type_code
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#221 blob_grid_data

Description: Blob Grid Data Entity

2-D Linear Rectangular Grid of Numeric Data Associated With Measurement Event BLOB Data – Used for Radiological Data in Thermography, Thickness Data in Ultrasonic Testing, etc.

Note: x_resolution, y_resolution – Total dimensions of the rectangular grid related to the BLOB image (grid resolution)

Note: dat_origin_x, data_origin_y – X, Y coordinates of the origin of the 0-based rectangular grid for the "data rectangle" (top left-most corner)

Note: data_end_x, data_end_y – X, Y coordinates of the end of the 0-based rectangular grid for the "data rectangle" (lower right-most corner)

Note: Float_data – Stored as a stream of 4-byte IEEE DOUBLE values (low-order byte first), starting with coordinates (data_origin_x, data_origin_y) and progressing vertically downward (increment y) until data_end_y is exceeded, whereupon y is then set to data_origin_y and x is incremented until (data_end_x, data_end_y) is reached.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Mevent_Blob_Data.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Mevent_Blob_Data.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Mevent_Blob_Data.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
mebt_db_site	Foreign key reference to Mevent_Blob_Data.mebt_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mebt_db_id	Foreign key reference to Mevent_Blob_Data.mebt_db_id, Included in composite primary key	UINT NOT NULL
meb_type_code	Foreign key reference to Mevent_Blob_Data.meb_type_code, Included in composite primary key	UINT NOT NULL
grid_seq	Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
x_resolution		UINT NOT NULL
y_resolution		UINT NOT NULL
data_origin_x		UINT NOT NULL
data_origin_y		UINT NOT NULL

data_end_x		UINT NOT NULL
data_end_y		UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
float_data		BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code, grid_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mevent_blob_data (meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code)	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#65 signal_proc_blk

Description: Signal Process Block Entity

This entity stores all the signal process block entries specified in a given database, each of a specified signal processing type.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sp_blk_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_blk_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sp_block_id	Included in composite primary key	UINT NOT NULL
sp_db_site	Foreign key reference to Signal_Proc_Type.sp_db_site	HEXSTRING(16) NOT NULL
sp_db_id	Foreign key reference to Signal_Proc_Type.sp_db_id	UINT NOT NULL
sp_type_code	Foreign key reference to Signal_Proc_Type.sp_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sp_blk_db_site, sp_blk_db_id, sp_block_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sp_blk_db_site, sp_blk_db_id
	signal_proc_type (sp_db_site, sp_db_id, sp_type_code)	sp_db_site, sp_db_id, sp_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#67 sp_blk_num_data

Description: Signal Process Block Numeric Data Entity

This entity stores the numeric data related to an entry in the signal process block entity.

Note: Care must be taken not to change the numeric data of blocks used in a signal process stream if measurements have been stored for the stream.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sp_blk_db_site	Foreign key reference to Signal_Proc_Blks.sp_blk_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_blk_db_id	Foreign key reference to Signal_Proc_Blks.sp_blk_db_id, Included in composite primary key	UINT NOT NULL
sp_block_id	Foreign key reference to Signal_Proc_Blks.sp_blk_id, Included in composite primary key	UINT NOT NULL
spn_db_site	Foreign key reference to Sp_Num_Dat_Type.spn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spn_db_id	Foreign key reference to Sp_Num_Dat_Type.spn_db_id, Included in composite primary key	UINT NOT NULL
spn_type_code	Foreign key reference to Sp_Num_Dat_Type.spn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	sp_blk_db_site, sp_blk_db_id, sp_block_id, spn_db_site, spn_db_id, spn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	signal_proc_blk (sp_blk_db_site, sp_blk_db_id, sp_block_id)	sp_blk_db_site, sp_blk_db_id, sp_block_id
	sp_num_dat_type (spn_db_site, spn_db_id, spn_type_code)	spn_db_site, spn_db_id, spn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#68 sp_stream

Description: Signal Process Stream Entity

This entity stores the signal process streams for a given database. These streams contain sequences of signal process blocks which define the processing sequence which data passed through

Note: Actual single amplitude value/vector data, FFT data, time waveform data, and CPB data can optionally be associated with an entry in this entity.

Attribute	Description	Size/Type
sp_str_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_str_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sp_stream_id	Included in composite primary key	UINT NOT NULL
sps_type_db_site	Foreign key reference to Sp_Stream_Type.sps_type_db_site	HEXSTRING(16) NOT NULL
sps_type_db_id	Foreign key reference to Sp_Stream_Type.sps_type_db_id	UINT NOT NULL
sps_type_code	Foreign key reference to Sp_Stream_Type.sps_type_code	UINT NOT NULL
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sp_str_db_site, sp_str_db_id, sp_stream_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sp_str_db_site, sp_str_db_id
	sp_stream_type (sps_type_db_site, sps_type_db_id, sps_type_code)	sps_type_db_site, sps_type_db_id, sps_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#69 sp_stream_block

Description: Signal Process Stream Blocks Entity

This entity details the sequence of signal process blocks for each signal process stream.

Note: Care must be taken not to change the sequence of blocks in a stream if measurements have been stored for the stream. Normally, a new stream should be defined instead of updating the original stream.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id, Included in composite primary key	UINT NOT NULL
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id, Included in composite primary key	UINT NOT NULL
sp_blk_db_site	Foreign key reference to Signal_Proc_Blk.sp_blk_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sp_blk_db_id	Foreign key reference to Signal_Proc_Blk.sp_blk_db_id, Included in composite primary key	UINT NOT NULL
sp_block_id	Foreign key reference to Signal_Proc_Blk.sp_block_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sp_str_db_site, sp_str_db_id, sp_stream_id, sp_blk_db_site, sp_blk_db_id, sp_block_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	signal_proc_blk (sp_blk_db_site, sp_blk_db_id, sp_block_id)	sp_blk_db_site, sp_blk_db_id, sp_block_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#75 sp_ampl_data

Description: Signal-Process Frequency/Order Single Amplitude/Vector Data Entity

This entity stores one or more single amplitudes AND/OR single vectors which are related to frequency or order ranges which resulted as an output of a measurement event.

Note: A vector can be stored by placing the angle in degrees in the angle_in_degrees attribute.

Note: If the source signal detector type is “FFT Power RMS”, the amplitude field is calculated from the spectra by taking the square root of the sum of all amplitude values squared which is then divided by the window factor.

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
freq_or_order		STRING(1) NOT NULL
min_in_hz_or_ord		DOUBLE NOT NULL
max_in_hz_or_ord		DOUBLE NOT NULL
src_dt_db_site	Foreign key reference to Src_Detect_Type.src_dt_db_site	HEXSTRING(16)
src_dt_db_id	Foreign key reference to Src_Detect_Type.src_dt_db_id	UINT
src_dt_type_code	Foreign key reference to Src_Detect_Type.src_dt_type_code	UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT

assoc_rpm_in_hz		DOUBLE
amplitude		DOUBLE NOT NULL
angle_in_degrees		DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	src_detect_type (src_dt_db_site, src_dt_db_id, src_dt_type_code)	src_dt_db_site, src_dt_db_id, src_dt_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	freq_or_order	'F','O'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#81 sp_fft_data

Description: Signal-Processed, Real/Complex Linear Frequency/Order FFT Spectrum Data Entity

This entity stores real-only or complex FFT data which is related to a frequency or order range which resulted as an output of a measurement event.

Note: The spectrum_data attribute is a variable-length binary field, first containing 4-byte IEEE float real values for each line of resolution in the spectra. If the complex_yn field = 'Y', the imaginary DOUBLE values in 4-byte IEEE format follow the set of real values.

The IEEE format is:

--> Low-Order Byte First

bits 0-22 --> Mantissa

bits 23-30 --> Exponent

bit 31 --> Sign

Note: The bin width = (max_in_hz_or_ord – min_in_hz_or_ord)/resolution_lines

Note: The frequency/order associated with the first line of the spectrum = min_in_hz_or_ord + the bin width

Note: The ave_overlap_pct attribute is a percentage ranging from 0 to 100 of the average overlap percentage used.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to	UINT NOT NULL

	Post_Scaling_Type.pst_sc_type_code	
freq_or_order		STRING(1) NOT NULL
min_in_hz_or_ord		DOUBLE NOT NULL
max_in_hz_or_ord		DOUBLE NOT NULL
resolution_lines		UINT NOT NULL
win_db_site	Foreign key reference to Window_Type.win_db_site	HEXSTRING(16) NOT NULL
win_db_id	Foreign key reference to Window_Type.win_db_id	UINT NOT NULL
win_type_code	Foreign key reference to Window_Type.win_type_code	UINT NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)
ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
assoc_rpm_in_hz		DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
dc_level		DOUBLE
complex_yn		STRING(1) NOT NULL
spectrum_data		BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	window_type (win_db_site, win_db_id, win_type_code)	win_db_site, win_db_id, win_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	freq_or_order	'F','O'
	complex_yn	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#83 sp_time_data

Description: Signal-Processed, Real/Complex Linear Time Waveform Data Entity

This entity stores real-only or complex time waveform data which resulted as an output of a measurement event. A complex time waveform is obtained when you have a decimated signal over a certain frequency range.

Note: The waveform_data attribute is a variable-length binary field, first containing number_of_samples 4-byte IEEE float real values. If the complex_yn field = 'Y', another set of number_of_samples 4-byte IEEE DOUBLE format values, the imaginary values, follow the set of real values.

The IEEE format is:

--> Low-Order Byte First

bits 0-22 --> Mantissa

bits 23-30 --> Exponent

bit 31 --> Sign

Note: The off_secs_or_revs attribute is the delta offset start time in seconds or offset number of revolutions from gmt_event time when the sample started.

Note: The ave_overlap_pct attribute is a percentage ranging from 0 to 100 of the average overlap percentage used.

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
secs_or_revs		STRING(1) NOT NULL
off_secs_or_revs		DOUBLE NOT NULL
max_secs_or_revs		DOUBLE NOT NULL
number_of_samples		DOUBLE NOT NULL
win_db_site	Foreign key reference to Window_Type.win_db_site	HEXSTRING(16) NOT NULL

win_db_id	Foreign key reference to Window_Type.win_db_id	UINT NOT NULL
win_type_code	Foreign key reference to Window_Type.win_type_code	UINT NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)
ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
assoc_rpm_in_hz		DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
complex_yn		STRING(1) NOT NULL
waveform_data		BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id,	

	gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	window_type (win_db_site, win_db_id, win_type_code)	win_db_site, win_db_id, win_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	secs_or_revs	'S','R'
	complex_yn	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#85 sp_cpb_data

Description: Signal-Processed, Real Linear Constant Percentage Band Spectrum Entity

This entity stores real CPB spectrum data which resulted as an output of a measurement event.

Note: The spectrum_data attribute is a variable-length binary field, containing 4-byte IEEE float real values for each band in the spectra.

The IEEE format is:

--> Low-Order Byte First

bits 0-22 --> Mantissa

bits 23-30 --> Exponent

bit 31 --> Sign

Note: The width_pct_or_oct attribute stores a “P” for percent band width (0 – 100) or an “O” for octave width associated with the band_width attribute.

Note: The field center_in_hz_1bd is the first band’s center frequency in hertz

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
number_of_bands		UINT NOT NULL
center_in_hz_1bd		DOUBLE NOT NULL
width_pct_or_oct		STRING(1) NOT NULL
band_width		DOUBLE NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)

ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
assoc_rpm_in_hz		DOUBLE
name	Full user-defined name/description	STRING(0:254)
spectrum_data		BASE64BINARY
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code

	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	width_pct_oct	'P','O'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#472 test

Description: Information about a Test performed at a Measurement Location

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Agent Performing Test FK (optional))	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id (Agent Performing Test FK (optional))	UINT
gmt_recorded	Time test recorded (GMT)	DATETIME(19:29)
rec_loc_hr_delta	Local recorded time hour offset from GMT	SHORT
rec_loc_min_delta	Local recorded time minute offset from GMT	USHORT
test_type_db_site	Foreign key reference to Test_Type.test_type_db_site	HEXSTRING(16) NOT NULL
test_type_db_id	Foreign key reference to Test_Type.test_type_db_id	UINT NOT NULL
test_type_code	Foreign key reference to Test_Type.test_type_code	UINT NOT NULL
gmt_started	Time test started (GMT)	DATETIME(19:29)
st_loc_hr_delta	Local test start hour offset from GMT	SHORT
st_loc_min_delta	Local test start minute offset from GMT	USHORT
gmt_ended	Time test ended (GMT)	DATETIME(19:29)
end_loc_hr_delta	Local test end hour offset from GMT	SHORT
end_loc_min_delta	Local test end minute offset from GMT	USHORT
ds_asset_site	Foreign key reference to Data_Source.ds_asset_site	HEXSTRING(16)
ds_asset_id	Foreign key reference to Data_Source.ds_asset_id	UINT
tr_asset_site	Foreign key reference to Transducer.tr_asset_site	HEXSTRING(16)
tr_asset_id	Foreign key reference to Transducer.tr_asset_id	UINT
mat_resource_db_site	Foreign key reference to Materiel_Item.resource_db_site	HEXSTRING(16)
mat_resource_db_id	Foreign key reference to Materiel_Item.resource_db_id	UINT
mat_resource_id	Foreign key reference to Materiel_Item.resource_id	UINT

sample_meas_loc_site	Foreign key reference to Meas_Sample.meas_loc_site	HEXSTRING(16)
sample_meas_loc_id	Foreign key reference to Meas_Sample.meas_loc_id	UINT
sample_gmt_event	Foreign key reference to Meas_Sample.gmt_event	DATETIME(19:29)
sample_order_seq	Foreign key reference to Meas_Sample.sample_order_seq	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	test_type (test_type_db_site, test_type_db_id, test_type_code)	test_type_db_site, test_type_db_id, test_type_code
	data_source (ds_asset_site, ds_asset_id)	ds_asset_site, ds_asset_id
	transducer (tr_asset_site, tr_asset_id)	tr_asset_site, tr_asset_id
	materiel_item (resource_db_site, resource_db_id, resource_id)	mat_resource_db_site, mat_resource_db_id, mat_resource_id
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	sample_meas_loc_site, sample_meas_loc_id, sample_gmt_event, sample_order_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#473 test_component

Description: Information (including the data) about a Component of a Test

Attribute	Description	Size/Type
test_meas_loc_site	Foreign key reference to Test.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
test_meas_loc_id	Foreign key reference to Test.meas_loc_id, Included in composite primary key	UINT NOT NULL
test_gmt_event	Foreign key reference to Test.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
test_ordering_seq	Foreign key reference to Test.ordering_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
tc_type_db_site	Foreign key reference to Test_Comp_Type.tc_type_db_site	HEXSTRING(16) NOT NULL
tc_type_db_id	Foreign key reference to Test_Comp_Type.tc_type_db_id	UINT NOT NULL
tc_type_code	Foreign key reference to Test_Comp_Type.tc_type_type_code	UINT NOT NULL
gmt_started	Time test started (GMT)	DATETIME(19:29)
st_loc_hr_delta	Local test start hour offset from GMT	SHORT
st_loc_min_delta	Local test start minute offset from GMT	USHORT
gmt_ended	Time test ended (GMT)	DATETIME(19:29)
end_loc_hr_delta	Local test end hour offset from GMT	SHORT
end_loc_min_delta	Local test end minute offset from GMT	USHORT
ncb_data_flag	Flag which indicates the type of data stored for this component. If ncb_data_flag = "N" (numeric), then eu_db_site, eu_db_id, and eu_type_code must be specified and num_data_value specified. If ncb_data_flag = "C" (character), then eu_db_site, eu_db_id, and eu_type_code must be specified and chr_data_value specified. If ncb_data_flag = "B" (blob), then blct_db_site, blct_db_id, and blc_type_code must be specified and image_data specified.	STRING(1) NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16)
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
num_data_value	Numeric data (optional)	DOUBLE
chr_data_value	Character data (optional)	STRING(0:254)
blct_db_site	Foreign key reference to	HEXSTRING(16)

	Blob_Content_Type.blct_db_site	
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test (meas_loc_site, meas_loc_id, gmt_event, ordering_seq)	test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq
	test_comp_type (tc_type_db_site, tc_type_db_id, tc_type_code)	tc_type_db_site, tc_type_db_id, tc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	data_type_flag	'N','C','B'

#474 test_comp_group

Description: Information about a Group of Components for a Test

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
test_meas_loc_site	Foreign key reference to Test.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
test_meas_loc_id	Foreign key reference to Test.meas_loc_id, Included in composite primary key	UINT NOT NULL
test_gmt_event	Foreign key reference to Test.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
test_ordering_seq	Foreign key reference to Test.ordering_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
tcg_type_db_site	Foreign key reference to Test_Comp_Group_Type.tcg_type_db_site	HEXSTRING(16) NOT NULL
tcg_type_db_id	Foreign key reference to Test_Comp_Group_Type.tcg_type_db_id	UINT NOT NULL
tcg_type_code	Foreign key reference to Test_Comp_Group_Type.tcg_type_code	UINT NOT NULL
gmt_started	Time test started (GMT)	DATETIME(19:29)
st_loc_hr_delta	Local test start hour offset from GMT	SHORT
st_loc_min_delta	Local test start minute offset from GMT	USHORT
gmt_ended	Time test ended (GMT)	DATETIME(19:29)
end_loc_hr_delta	Local test end hour offset from GMT	SHORT
end_loc_min_delta	Local test end minute offset from GMT	USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test (meas_loc_site, meas_loc_id, gmt_event, ordering_seq)	test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq
	test_comp_group_type (tcg_type_db_site, tcg_type_db_id, tcg_type_code)	tcg_type_db_site, tcg_type_db_id, tcg_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#475 test_comp_in_group

Description: Test Components in a Test Component Group

Attribute	Description	Size/Type
tcg_test_meas_loc_site	Foreign key reference to Test_Comp_Group.test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tcg_test_meas_loc_id	Foreign key reference to Test_Comp_Group.test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tcg_test_gmt_event	Foreign key reference to Test_Comp_Group.test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tcg_test_ordering_seq	Foreign key reference to Test_Comp_Group.test_ordering_seq, Included in composite primary key	UINT NOT NULL
tcg_ordering_seq	Foreign key reference to Test_Comp_Group.ordering_seq, Included in composite primary key	
tc_test_meas_loc_site	Foreign key reference to Test_Component.test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tc_test_meas_loc_id	Foreign key reference to Test_Component.test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tc_test_gmt_event	Foreign key reference to Test_Component.test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tc_test_ordering_seq	Foreign key reference to Test_Component.test_ordering_seq, Included in composite primary key	UINT NOT NULL
tc_ordering_seq	Foreign key reference to Test_Component.ordering_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which	USHORT

	determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tcg_test_meas_loc_site, tcg_test_meas_loc_id, tcg_test_gmt_event, tcg_test_ordering_seq, tcg_ordering_seq, tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test_comp_group (test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq)	tcg_test_meas_loc_site, tcg_test_meas_loc_id, tcg_test_gmt_event, tcg_test_ordering_seq, tcg_ordering_seq
	test_component (test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq)	tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Ordered List/Bill of Resources Entities

#48 ordered_list

Description: Ordered List Entity

This entity is used to identify the name of an ordered list which can be used for a route of measurement points or as a bill of resource items (Bill of Materiel, Bill of Tools, etc.)

Note: ord_list_id should be a non-changeable, unique identifier since a primary key cannot change and must uniquely define the entity. System-assigned “hidden” ord_list_id’s are strongly recommended.

Attribute	Description	Size/Type
ord_list_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Included in composite primary key	UINT NOT NULL
ord_list_type_db_site	Foreign key reference to Ordered_List_Type.ord_list_type_db_site	HEXSTRING(16)
ord_list_type_db_id	Foreign key reference to Ordered_List_Type.ord_list_type_db_id	UINT
ord_list_type_code	Foreign key reference to Ordered_List_Type.ord_list_type_code	UINT
name	Full user-defined name/description	STRING(0:254)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	Foreign Entity (Attribute(s))	Attribute(s)
	site_database (db_site, db_id)	ord_list_db_site, ord_list_db_id
	ordered_list_type (ord_list_type_db_site, ord_list_type_db_id, ord_list_type_code)	ord_list_type_db_site, ord_list_type_db_id, ord_list_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#572 ordered_list_child

Description: Ordered List Child Entity

The ordered_list_child entity shows the parent-child relationships of Ordered Lists to each other.

The mandatory ordering sequence specifies the order in which child segments appear when as application requests “all children” of a particular ordered list.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
child_ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
child_ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, child_ord_list_db_site, child_ord_list_db_id, child_ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	child_ord_list_db_site, child_ord_list_db_id, child_ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#464 ord_list_num_data

Description: Ordered List Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordn_db_site	Foreign key reference to Ord_List_Num_Dat_Type.ordn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ordn_db_id	Foreign key reference to Ord_List_Num_Dat_Type.ordn_db_id, Included in composite primary key	UINT NOT NULL
ordn_type_code	Foreign key reference to Ord_List_Num_Dat_Type.ordn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, ordn_db_site, ordn_db_id, ordn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	ord_list_num_dat_type (ordn_db_site, ordn_db_id, ordn_type_code)	ordn_db_site, ordn_db_id, ordn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#465 ord_list_chr_data

Description: Ordered List Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_list.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_list.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_list.ord_list_id, Included in composite primary key	UINT NOT NULL
ordc_db_site	Foreign key reference to Ord_List_Chtr_Dat_Type.ordc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ordc_db_id	Foreign key reference to Ord_List_Chtr_Dat_Type.ordc_db_id, Included in composite primary key	UINT NOT NULL
ordc_type_code	Foreign key reference to Ord_List_Chtr_Dat_Type.ordc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, ordc_db_site, ordc_db_id, ordc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	ord_list_chr_dat_type (ordc_db_site, ordc_db_id, ordc_type_code)	ordc_db_site, ordc_db_id, ordc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#466 ord_list_blob_data

Description: Ordered List Binary Data Entity

This entity will hold all the current binary data related to an Ordered List.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
bkc_type_code	Foreign key reference to Blob_Content_Type.bkc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies	UINT

	the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#49 meas_loc_list

Description: Ordered List of Measurement Locations Entity

This entity is used to store the measurement locations for a given ordered list.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#50 mloc_unit_list

Description: Ordered List of Engineering Units at Measurement Locations Entity

This entity is used to store the measurement location with associated engineering units and channel number (set to 1 if not a multi-channel input) which has been requested for data collection/reporting at a certain place (ordering_seq) on an ordered list.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
channel_number	Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#89 sp_ampl_setup

Description: Collection Setup Parameters for Signal-Processed Frequency/Order Single Amplitude/Vector Data Entity

This entity stores the setup parameters used to capture frequency/order single amplitudes (or vectors) for a given database. These setup id's can then be referenced in the mloc_ulist_sp_ampl entity to associate the ordered list's measurement location unit with the signal processing parameters needed to capture the unit in a specified manner.

Attribute	Description	Size/Type
spa_setup_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spa_setup_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
spa_setup_id	Included in composite primary key	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
freq_or_order		STRING(1) NOT NULL
min_in_hz_or_ord		DOUBLE NOT NULL
max_in_hz_or_ord		DOUBLE NOT NULL
src_dt_db_site	Foreign key reference to Src_Detect_Type.src_dt_db_site	HEXSTRING(16)
src_dt_db_id	Foreign key reference to Src_Detect_Type.src_dt_db_id	UINT
src_dt_type_code	Foreign key reference to Src_Detect_Type.src_dt_type_code	UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	spa_setup_db_site, spa_setup_db_id, spa_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	spa_setup_db_site, spa_setup_db_id
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	src_detect_type (src_dt_db_site, src_dt_db_id, src_dt_type_code)	src_dt_db_site, src_dt_db_id, src_dt_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	freq_or_order	'F', 'O'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#93 mloc_ulist_sp_ampl

Description: Collection Setup Parameters Needed to Collect Amplitude Data in the Ordered List of Engineering Units at Measurement Locations Entity

This entity stores the associated collection setup parameter to be used to capture amplitude data for the engineering unit referenced in the ordered list measurement location unit entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Mloc_Unit_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Mloc_Unit_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Mloc_Unit_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Mloc_Unit_List.ordering_seq, Included in composite primary key	UINT NOT NULL
channel_number	Foreign key reference to Mloc_Unit_List.channel_number, Included in composite primary key	UINT NOT NULL
spa_setup_db_site	Foreign key reference to Sp_Ampl_Setup.spa_setup_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spa_setup_db_id	Foreign key reference to Sp_Ampl_Setup.spa_setup_db_id, Included in composite primary key	UINT NOT NULL
spa_setup_id	Foreign key reference to Sp_Ampl_Setup.spa_setup_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id,	

	ord_list_id, ordering_seq, channel_number, spa_setup_db_site, spa_setup_db_id, spa_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mloc_unit_list (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number
	sp_ampl_setup (spa_setup_db_site, spa_setup_db_id, spa_setup_id)	spa_setup_db_site, spa_setup_db_id, spa_setup_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#90 sp_fft_setup

Description: Collection Setup Parameters for Signal-Processed Real/Complex Linear Frequency/Order FFT Spectrum Data Entity

This entity stores the setup parameters used to capture real/complex linear frequency/order FFT spectrum data for a given database. These setup id's can then be referenced in the mloc_ulist_sp_fft entity to associate the ordered list's measurement location unit with the signal processing parameters needed to capture the unit in a specified manner.

Attribute	Description	Size/Type
spf_setup_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spf_setup_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
spf_setup_id	Included in composite primary key	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
freq_or_order		STRING(1) NOT NULL
min_in_hz_or_ord		DOUBLE NOT NULL
max_in_hz_or_ord		DOUBLE NOT NULL
resolution_lines		UINT NOT NULL
win_db_site	Foreign key reference to Window_Type.win_db_site	HEXSTRING(16) NOT NULL
win_db_id	Foreign key reference to Window_Type.win_db_id	UINT NOT NULL
win_type_code	Foreign key reference to Window_Type.win_type_code	UINT NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)
ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT

sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT
sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
complex_yn		STRING(1) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	spf_setup_db_site, spf_setup_db_id, spf_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	spf_setup_db_site, spf_setup_db_id
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	window_type (win_db_site, win_db_id, win_type_code)	win_db_site, win_db_id, win_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	freq_or_order	'F','O'
	complex_yn	'Y','N'

#94 mloc_ulist_sp_fft

Description: Collection Setup Parameters Needed to Collect FFT Spectrum Data in the Ordered List of Engineering Units at Measurement Locations Entity

This entity stores the associated collection setup parameter to be used to capture FFT spectrum data for the engineering unit referenced in the ordered list measurement location unit entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Mloc_Unit_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Mloc_Unit_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Mloc_Unit_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Mloc_Unit_List.ordering_seq, Included in composite primary key	UINT NOT NULL
channel_number	Foreign key reference to Mloc_Unit_List.channel_number, Included in composite primary key	UINT NOT NULL
spf_setup_db_site	Foreign key reference to Sp_Fft_Setup.spf_setup_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spf_setup_db_id	Foreign key reference to Sp_Fft_Setup.spf_setup_id, Included in composite primary key	UINT NOT NULL
spf_setup_id	Foreign key reference to Sp_Fft_Setup.spf_setup_db_site, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id,	

	ord_list_id, ordering_seq, channel_number, spf_setup_db_site, spf_setup_db_id, spf_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mloc_unit_list (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number
	sp_fft_setup (spf_setup_db_site, spf_setup_db_id, spf_setup_id)	spf_setup_db_site, spf_setup_db_id, spf_setup_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#91 sp_time_setup

Description: Collection Setup Parameters for Signal-Processed Real/Complex Linear Linear Time Waveform Data Entity

This entity stores the setup parameters used to capture real/complex linear time waveform data for a given database. These setup id's can then be referenced in the mloc_ulist_sp_time entity to associate the ordered list's measurement location unit with the signal processing parameters needed to capture the unit in a specified manner.

Attribute	Description	Size/Type
spt_setup_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spt_setup_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
spt_setup_id	Included in composite primary key	UINT NOT NULL
secs_or_revs		STRING(1) NOT NULL
off_secs_or_revs		DOUBLE NOT NULL
max_secs_or_revs		DOUBLE NOT NULL
number_of_samples		DOUBLE NOT NULL
win_db_site	Foreign key reference to Window_Type.win_db_site	HEXSTRING(16) NOT NULL
win_db_id	Foreign key reference to Window_Type.win_db_id	UINT NOT NULL
win_type_code	Foreign key reference to Window_Type.win_type_code	UINT NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)
ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT

sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
complex_yn		STRING(1) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	spt_setup_db_site, spt_setup_db_id, spt_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	spt_setup_db_site, spt_setup_db_id
	window_type (win_db_site, win_db_id, win_type_code)	win_db_site, win_db_id, win_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	secs_or_revs	'S','R'
	complex_yn	'Y','N'

#95 mloc_ulist_sp_time

Description: Collection Setup Parameters Needed to Collect Time Waveform Data in the Ordered List of Engineering Units at Measurement Locations Entity

This entity stores the associated collection setup parameter to be used to capture time waveform data for the engineering unit referenced in the ordered list measurement location unit entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Mloc_Unit_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Mloc_Unit_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Mloc_Unit_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Mloc_Unit_List.ordering_seq, Included in composite primary key	UINT NOT NULL
channel_number	Foreign key reference to Mloc_Unit_List.channel_number, Included in composite primary key	UINT NOT NULL
spt_setup_db_site	Foreign key reference to Sp_Time_Setup.spt_setup_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spt_setup_db_id	Foreign key reference to Sp_Time_Setup.spt_setup_db_id, Included in composite primary key	UINT NOT NULL
spt_setup_id	Foreign key reference to Sp_Time_Setup.spt_setup_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id,	

	ord_list_id, ordering_seq, channel_number, spt_setup_db_site, spt_setup_db_id, spt_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mloc_unit_list (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number
	sp_time_setup (spt_setup_db_site, spt_setup_db_id, spt_setup_id)	spt_setup_db_site, spt_setup_db_id, spt_setup_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#92 sp_cpb_setup

Description: Collection Setup Parameters for Signal-Processed Real Linear Constant Percentage Band Data Entity

This entity stores the setup parameters used to capture real CPB spectrum data for a given database. These setup id's can then be referenced in the mloc_ulist_sp_cpb entity to associate the ordered list's measurement location unit with the signal processing parameters needed to capture the unit in a specified manner.

Attribute	Description	Size/Type
spc_setup_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spc_setup_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
spc_setup_id	Included in composite primary key	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
number_of_bands		UINT NOT NULL
center_in_hz_1bd		DOUBLE NOT NULL
width_pct_or_oct		STRING(1) NOT NULL
band_width		DOUBLE NOT NULL
ave_db_site	Foreign key reference to Average_Type.ave_db_site	HEXSTRING(16)
ave_db_id	Foreign key reference to Average_Type.ave_db_id	UINT
ave_type_code	Foreign key reference to Average_Type.ave_type_code	UINT
ave_wt_db_site	Foreign key reference to Ave_Weight_Type.ave_wt_db_site	HEXSTRING(16)
ave_wt_db_id	Foreign key reference to Ave_Weight_Type.ave_wt_db_id	UINT
ave_wt_type_code	Foreign key reference to Ave_Weight_Type.ave_wt_type_code	UINT
ave_sy_db_site	Foreign key reference to Ave_Synch_Type.ave_sy_db_site	HEXSTRING(16)
ave_sy_db_id	Foreign key reference to Ave_Synch_Type.ave_sy_db_id	UINT
ave_sy_type_code	Foreign key reference to Ave_Synch_Type.ave_sy_type_code	UINT
ave_overlap_pct		DOUBLE
num_of_averages		UINT
sp_str_db_site	Foreign key reference to Sp_Stream.sp_str_db_site	HEXSTRING(16)
sp_str_db_id	Foreign key reference to Sp_Stream.sp_str_db_id	UINT

sp_stream_id	Foreign key reference to Sp_Stream.sp_stream_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	spc_setup_db_site, spc_setup_db_id, spc_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	spc_setup_db_site, spc_setup_db_id
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	average_type (ave_db_site, ave_db_id, ave_type_code)	ave_db_site, ave_db_id, ave_type_code
	ave_weight_type (ave_wt_db_site, ave_wt_db_id, ave_wt_type_code)	ave_wt_db_site, ave_wt_db_id, ave_wt_type_code
	ave_synch_type (ave_sy_db_site, ave_sy_db_id, ave_sy_type_code)	ave_sy_db_site, ave_sy_db_id, ave_sy_type_code
	sp_stream (sp_str_db_site, sp_str_db_id, sp_stream_id)	sp_str_db_site, sp_str_db_id, sp_stream_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	width_pct_or_oct	'P','O'

#96 mloc_ulist_sp_cpb

Description: Collection Setup Parameters Needed to Collect CPB Spectrum Data in the Ordered List of Engineering Units at Measurement Locations Entity

This entity stores the associated collection setup parameter to be used to capture CPB spectrum data for the engineering unit referenced in the ordered list measurement location unit entity.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Mloc_Unit_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Mloc_Unit_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Mloc_Unit_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Mloc_Unit_List.ordering_seq, Included in composite primary key	UINT NOT NULL
channel_number	Foreign key reference to Mloc_Unit_List.channel_number, Included in composite primary key	UINT NOT NULL
spc_setup_db_site	Foreign key reference to Sp_Cpb_Setup.spc_setup_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
spc_setup_db_id	Foreign key reference to Sp_Cpb_Setup.spc_setup_db_id, Included in composite primary key	UINT NOT NULL
spc_setup_id	Foreign key reference to Sp_Cpb_Setup.spc_setup_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id,	

	ord_list_id, ordering_seq, channel_number, spc_setup_db_site, spc_setup_db_id, spc_setup_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mloc_unit_list (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq, channel_number
	sp_cpb_setup (spc_setup_db_site, spc_setup_db_id, spc_setup_id)	spc_setup_db_site, spc_setup_db_id, spc_setup_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Alarm Entities

#317 num_alarm_reg

Description: Measurement Location Numeric Alarm Regions

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
alarm_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site (Optional location type which specifically applies this alarm for a particular category of measurement events which has this matching measurement location type)	HEXSTRING(16)
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id	UINT
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code	UINT
mc_db_site	Foreign key reference to Mloc_Calc_Type.mc_db_site (Optional calculated data method which specifically applies this alarm to a particular category of measurement events which has this matching calculated data method)	HEXSTRING(16)
mc_db_id	Foreign key reference to Mloc_Calc_Type.mc_db_id	UINT
mc_type_code	Foreign key reference to Mloc_Calc_Type.mc_type_code	UINT
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
gmt_alarm_start	Time alarm becomes effective (GMT)	DATETIME(19:29) NOT

		NULL
st_loc_hr_delta	Start time local hour offset from GMT	SHORT
st_loc_min_delta	Start time local minute offset from GMT	USHORT
min_amplitude	Minimum value where alarm region begins. If null, then value is “-“	DOUBLE [removed NOT NULL constraint]
max_amplitude	Maximum value where alarm region ends. If null, then value is “+”	DOUBLE [removed NOT NULL constraint]
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	alarm_db_site, alarm_db_id
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	mloc_calc_type (mc_db_site, mc_db_id, mc_type_code)	mc_db_site, mc_db_id, mc_type_code
	alarm_type (al_db_site, al_db_siid, al_type_code)	al_db_site, al_db_siid, al_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#341 num_al_reg_num_data

Description: Numeric Alarm Associated Regions Numeric Data

Attribute	Description	Size/Type
alarm_db_site	Foreign key reference to Num_Alarm_Reg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Num_Alarm_Reg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Num_Alarm_Reg.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Num_Alarm_Reg.meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Num_Alarm_Reg.ordering_seq, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	num_alarm_reg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#342 num_al_reg_chr_data

Description: Numeric Alarm Associated Regions Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
alarm_db_site	Foreign key reference to Num_Alarm_Reg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Num_Alarm_Reg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Num_Alarm_Reg.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Num_Alarm_Reg.meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Num_Alarm_Reg.ordering_seq, Included in composite primary key	UINT NOT NULL
ec_db_site	Foreign key reference to Ev_chr_Data_Type.ec_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Ev_chr_Data_Type.ec_db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Foreign key reference to Ev_chr_Data_Type.ec_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq, ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	num_alarm_reg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	ev_chr_data_type (ec_db_site, ec_db_id, ec_type_code)	ec_db_site, ec_db_id, ec_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#343 num_al_reg_blob_data

Description: Numeric Alarm Associated Regions Blob Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
alarm_db_site	Foreign key reference to Num_alarm_Reg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Num_alarm_Reg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Num_alarm_Reg.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Num_alarm_Reg.meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Num_alarm_Reg.ordering_seq, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies	HEXSTRING(16)

	the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	num_alarm_reg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#319 spa_alarm_reg

Description: Signal-processed Amplitudes Alarm Regions

Attribute	Description	Size/Type
alarm_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site (Optional location type which specifically applies this alarm for a particular category of measurement events which has this matching measurement location type)	HEXSTRING(16)
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id	UINT
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code	UINT
mc_db_site	Foreign key reference to Mloc_calc_Type.mc_db_site (Optional calculated data method which specifically applies this alarm to a particular category of measurement events which has this matching calculated data method)	HEXSTRING(16)
mc_db_id	Foreign key reference to Mloc_calc_Type.mc_db_id	UINT
mc_type_code	Foreign key reference to Mloc_calc_Type.mc_type_code	UINT
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
freq_or_order		STRING(1) NOT NULL
min_in_hz_or_ord		DOUBLE NOT NULL
max_in_hz_or_ord		DOUBLE NOT NULL
gmt_alarm_start	Time alarm becomes effective (GMT)	DATETIME(19:29) NOT NULL
st_loc_hr_delta	Time local hour offset from GMT	SHORT
st_loc_min_delta	Time local minute offset from GMT	USHORT

eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
pst_sc_db_site	Foreign key reference to Post_Scaling_Type.pst_sc_db_site	HEXSTRING(16) NOT NULL
pst_sc_db_id	Foreign key reference to Post_Scaling_Type.pst_sc_db_id	UINT NOT NULL
pst_sc_type_code	Foreign key reference to Post_Scaling_Type.pst_sc_type_code	UINT NOT NULL
src_dt_db_site	Foreign key reference to Src_Detect_Type.src_dt_db_site	HEXSTRING(16)
src_dt_db_id	Foreign key reference to Src_Detect_Type.src_dt_db_id	UINT
src_dt_type_code	Foreign key reference to Src_Detect_Type.src_dt_type_code	UINT
min_amplitude	Minimum value where alarm region begins. If null, then value is “-“	DOUBLE [removed NOT NULL constraint]
max_amplitude	Maximum value where alarm region ends. If null, then value is “+“	DOUBLE [removed NOT NULL constraint]
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	alarm_db_site, alarm_db_id
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	mloc_calc_type (mc_db_site, mc_db_id, mc_type_code)	mc_db_site, mc_db_id, mc_type_code

	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	post_scaling_type (pst_sc_db_site, pst_sc_db_id, pst_sc_type_code)	pst_sc_db_site, pst_sc_db_id, pst_sc_type_code
	src_detect_type (src_dt_db_site, src_dt_db_id, src_dt_type_code)	src_dt_db_site, src_dt_db_id, src_dt_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	freq_or_order	'F','O'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#471 mloc_test_comp_alarm_rg

Description: Setup in a given Database for a Measurement Location of the Numeric Alarm Regions in a Database for a Type of Component on a Type of Test

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
alarm_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Location.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Location.meas_loc_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
test_type_db_site	Foreign key reference to Test_Type.test_type_db_site	HEXSTRING(16) NOT NULL
test_type_db_id	Foreign key reference to Test_Type.test_type_db_id	UINT NOT NULL
test_type_code	Foreign key reference to Test_Type.test_type_code	UINT NOT NULL
tc_type_db_site	Foreign key reference to Test_Comp_Type.tc_type_db_site	HEXSTRING(16) NOT NULL
tc_type_db_id	Foreign key reference to Test_Comp_Type.tc_type_db_id	UINT NOT NULL
tc_type_code	Foreign key reference to Test_Comp_Type.tc_type_code	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
ml_db_site	Foreign key reference to Meas_Loc_Type.ml_db_site (specifically applies this alarm for a particular category of measurement events which has this matching measurement location type)	HEXSTRING(16)
ml_db_id	Foreign key reference to Meas_Loc_Type.ml_db_id	UINT
ml_type_code	Foreign key reference to Meas_Loc_Type.ml_type_code	UINT
mc_db_site	Foreign key reference to Mloc_Calc_Type.mc_db_site (referencing the calculated data method which specifically applies this alarm to a particular category of	HEXSTRING(16)

	measurement events which has this matching calculated data method)	
mc_db_id	Foreign key reference to Mloc_Calc_Type.mc_db_id	UINT
mc_type_code	Foreign key reference to Mloc_Calc_Type.mc_type_code	UINT
mat_resource_db_site	Foreign key reference to Materiel_Item.resource_db_site	HEXSTRING(16)
mat_resource_db_id	Foreign key reference to Materiel_Item.resource_db_id	UINT
mat_resource_id	Foreign key reference to Materiel_Item.resource_id	UINT
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
gmt_alarm_start		DATETIME(19:29) NOT NULL
st_loc_hr_delta		SHORT
st_loc_min_delta		USHORT
min_data_value	Minimum value where alarm region begins. If null, then value is “-“	DOUBLE [removed NOT NULL constraint]
max_data_value	Maximum value where alarm region ends. If null, then value is “+“	DOUBLE [removed NOT NULL constraint]
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	alarm_db_site, alarm_db_id
	meas_location (meas_loc_site, meas_loc_id)	meas_loc_site, meas_loc_id

	test_type (test_type_db_site, test_type_db_id, test_type_code)	test_type_db_site, test_type_db_id, test_type_code
	test_comp_type (tc_type_db_site, tc_type_db_id, tc_type_code)	tc_type_db_site, tc_type_db_id, tc_type_code
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	meas_loc_type (ml_db_site, ml_db_id, ml_type_code)	ml_db_site, ml_db_id, ml_type_code
	mloc_calc_type (mc_db_site, mc_db_id, mc_type_code)	mc_db_site, mc_db_id, mc_type_code
	materiel_item (resource_db_site, resource_db_id, resource_id)	mat_resource_db_site, mat_resource_db_id, mat_resource_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#63 mevent_num_alarm

Description: Measurement Event Numeric Data Alarm Entity

This entity stores all the alarms triggered by the numeric value stored in the Measurement Event Numeric Data Entity (mevent_num_data.) If data is available in the Measurement Location Numeric Data Alarm Region Entity (num_alarm_reg), then the alarm data in this entity can be derived and does not need to be stored here. However, some systems do not send all the alarm region data, and we need to store the fact that an alarm was triggered.

Note: MIMOSA maintains the enterprise zero, site zero (meas_loc_site = “0000000000000000”) entries in this entity

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Mevent_Num_Data.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Mevent_Num_Data.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Mevent_Num_Data.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
eu_db_site	Foreign key reference to Mevent_Num_Data.eu_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Mevent_Num_Data.eu_db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Foreign key reference to Mevent_Num_Data.eu_type_code, Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code, Included in composite primary key	UINT NOT NULL
gmt_acknowledged		DATETIME(19:29)
ack_loc_hr_delta		SHORT
ack_loc_min_delta		USHORT
org_agent_site	Foreign key reference to Agent.org_agent_site (Agent which acknowledged the alarm)	HEXSTRING(16)
agent_id	Foreign key reference to Agent.agent_id (Agent which acknowledged the alarm)	UINT

user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code, al_db_site, al_db_id, al_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mevent_num_data (meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code)	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_siid, al_type_code
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#318 num_al_assoc_reg

Description: Numeric Alarm Associated Regions in Alarm

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Mevent_Num_Alarm.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Mevent_Num_Alarm.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Mevent_Num_Alarm.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
eu_db_site	Foreign key reference to Mevent_Num_Alarm.eu_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Mevent_Num_Alarm.eu_db_id, Included in composite primary key	UINT NOT NULL
eu_type_code	Foreign key reference to Mevent_Num_Alarm.eu_type_code, Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Mevent_Num_Alarm.al_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Mevent_Num_Alarm.al_db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Foreign key reference to Mevent_Num_Alarm.al_type_code, Included in composite primary key	UINT NOT NULL
alarm_db_site	Foreign key reference to Num_Alarm_Reg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Num_Alarm_Reg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Num_Alarm_Reg.alarm_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Num_Alarm_Reg.alarm_meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Num_Alarm_Reg.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change	DATETIME(19:29)

	to this record	
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code, al_db_site, al_db_id, al_type_code, alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mevent_num_alarm (meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code, al_db_site, al_db_id, al_type_code)	meas_loc_site, meas_loc_id, gmt_event, eu_db_site, eu_db_id, eu_type_code, al_db_site, al_db_id, al_type_code
	num_alarm_reg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#79 sp_ampl_alarm

Description: Signal-Processed Frequency/Order Single Amplitude Data Alarm Entity

This entity stores all the alarms triggered by the signal-processed single amplitudes stored in the sp_ampl_data entity. If data is available in the Measurement Location Signal-Processed Single Amplitude Alarm Region Entity, the alarm data in this entity can be derived and does not need to be stored here. However, some systems do not send all the alarm region data and we need to store the fact that an alarm was triggered.

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Sp_Ampl_Data.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Sp_Ampl_Data.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Sp_Ampl_Data.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Foreign key reference to Sp_Ampl_Data.ordering_seq, Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code, Included in composite primary key	UINT NOT NULL
gmt_acknowledged	Time of acknowledgement (GMT)	DATETIME(19:29)
ack_loc_hr_delta	Local hour offset from GMT	SHORT
ack_loc_min_delta	Local minute offset from GMT	USHORT
org_agent_site	Foreign key reference to Agent.org_agent_site (Agent which acknowledged the alarm)	HEXSTRING(16)
agent_id	Foreign key reference to Agent.agent_id (Agent which acknowledged the alarm)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq, al_db_site, al_db_id, al_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sp_ampl_data (meas_loc_site, meas_loc_id, gmt_event, ordering_seq)	meas_loc_site, meas_loc_id, gmt_event, ordering_seq
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#320 spa_al_assoc_reg

Description: Signal-Processed Amplitude Associated Regions in Alarm

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Sp_Ampl_Alarm.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Sp_Ampl_Alarm.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Sp_Ampl_Alarm.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
ordering_seq	Foreign key reference to Sp_Ampl_Alarm.ordering_seq, Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Sp_Ampl_Alarm.al_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Sp_Ampl_Alarm.al_db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Foreign key reference to Sp_Ampl_Alarm.al_type_code, Included in composite primary key	UINT NOT NULL
alarm_db_site	Foreign key reference to Spa_Alarm_Reg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Spa_Alarm_Reg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Spa_Alarm_Reg.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Spa_Alarm_Reg.meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Spa_Alarm_Reg.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, ordering_seq, al_db_site, al_db_id, al_type_code, alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sp_ampl_alarm (meas_loc_site, meas_loc_id, gmt_event, ordering_seq, al_db_site, al_db_id, al_type_code)	meas_loc_site, meas_loc_id, gmt_event, ordering_seq, al_db_site, al_db_id, al_type_code
	spa_alarm_reg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#120 blob_alarm

Description: Measurement Event BLOB Data Alarm

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Mevent_Blob_Data.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Mevent_Blob_Data.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Mevent_Blob_Data.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
mebt_db_site	Foreign key reference to Mevent_Blob_Data.mebt_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mebt_db_id	Foreign key reference to Mevent_Blob_Data.mebt_db_id, Included in composite primary key	UINT NOT NULL
meb_type_code	Foreign key reference to Mevent_Blob_Data.mebt_type_code, Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id, Included in composite primary key	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code, Included in composite primary key	UINT NOT NULL
gmt_acknowledged		DATETIME(19:29)
ack_loc_hr_delta		SHORT
ack_loc_min_delta		USHORT
org_agent_site	Foreign key reference to Agent.org_agent_site (Agent which acknowledged the alarm)	HEXSTRING(16)
agent_id	Foreign key reference to Agent.agent_id (Agent which acknowledged the alarm)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code, al_db_site, al_db_id, al_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mevent_blob_data (meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code)	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#293 blob_area_alarm

Description: Measurement Event BLOB Data Area in Alarm

Attribute	Description	Size/Type
meas_loc_site	Foreign key reference to Mevent_Blob_Data.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Mevent_Blob_Data.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Mevent_Blob_Data.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
mebt_db_site	Foreign key reference to Mevent_Blob_Data.mebt_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mebt_db_id	Foreign key reference to Mevent_Blob_Data.mebt_db_id, Included in composite primary key	UINT NOT NULL
meb_type_code	Foreign key reference to Mevent_Blob_Data.mebt_type_code, Included in composite primary key	UINT NOT NULL
area_seq	Included in composite primary key	UINT NOT NULL
x_resolution	Total dimensions of the rectangular	UINT NOT NULL
y_resolution	Grid related to the BLOB image (grid resolution)	UINT NOT NULL
high_db_site	Foreign key reference to Highlight_Type.high_db_site (Highlight area type (arrow, rectangle, etc.))	HEXSTRING(16) NOT NULL
high_db_id	Foreign key reference to Highlight_Type.high_db_id	UINT NOT NULL
high_type_code	Foreign key reference to Highlight_Type.high_type_code	UINT NOT NULL
data_origin_x	X, Y coordinates of the origin of the	UINT NOT NULL
data_origin_y	Highlighted area or point in alarm. This data must be interpreted based on the highlight area type (see description in entity #292 highlight_type)	UINT NOT NULL
data_end_x	X, Y coordinates of the end of the	UINT NOT NULL
data_end_y	Highlighted area or point in alarm. This data must be interpreted based on the highlight area type (see description in entity #292 highlight_type)	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
gmt_acknowledged		DATETIME(19:29)
ack_loc_hr_delta		SHORT

ack_loc_min_delta		USHORT
org_agent_site	Foreign key reference to Agent.org_agent_site (Agent which acknowledged the alarm)	HEXSTRING(16)
agent_id	Foreign key reference to Agent.agent_id (Agent which acknowledged the alarm)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code, area_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	mevent_blob_data (meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code)	meas_loc_site, meas_loc_id, gmt_event, mebt_db_site, mebt_db_id, meb_type_code
	highlight_type (high_db_site, high_db_id, high_type_code)	high_db_site, high_db_id, high_type_code
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#478 test_comp_alarm_rg

Description: Numeric Alarm Regions for a Component on a Test

Attribute	Description	Size/Type
tc_test_meas_loc_site	Foreign key reference to Test_Component.test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tc_test_meas_loc_id	Foreign key reference to Test_Component.test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tc_test_gmt_event	Foreign key reference to Test_Component.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tc_test_ordering_seq	Foreign key reference to Test_Component.test_ordering_seq, Included in composite primary key	UINT NOT NULL
tc_ordering_seq	Foreign key reference to Test_Component.ordering_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
min_data_value		DOUBLE
max_data_value		DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test_component (test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq)	tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#476 test_comp_alarm

Description: Test Component Alarms

Attribute	Description	Size/Type
tc_test_meas_loc_site	Foreign key reference to Test_Component.test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tc_test_meas_loc_id	Foreign key reference to Test_Component.test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tc_test_gmt_event	Foreign key reference to Test_Component.test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tc_test_ordering_seq	Foreign key reference to Test_Component.test_ordering_seq, Included in composite primary key	UINT NOT NULL
tc_ordering_seq	Foreign key reference to Test_Component.ordering_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
al_db_site	Foreign key reference to Alarm_Type.al_db_site	HEXSTRING(16) NOT NULL
al_db_id	Foreign key reference to Alarm_Type.al_db_id	UINT NOT NULL
al_type_code	Foreign key reference to Alarm_Type.al_type_code	UINT NOT NULL
gmt_acknowledged		DATETIME(19:29)
ack_loc_hr_delta		SHORT
ack_loc_min_delta		USHORT
org_agent_site	Foreign key reference to Agent.org_agent_site (Agent which acknowledged the alarm)	HEXSTRING(16)
agent_id	Foreign key reference to Agent.agent_id (Agent which acknowledged the alarm)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test_component (test_meas_loc_site, test_meas_loc_id, test_gmt_event, test_ordering_seq, ordering_seq)	tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq
	alarm_type (al_db_site, al_db_id, al_type_code)	al_db_site, al_db_id, al_type_code
	agent (org_agent_site, agent_id)	org_agent_site, agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#477 test_comp_alarm_assoc_mloc_rg

Description: Test Component Alarm's Associated Meas. Location Setup Alarm Regions

Attribute	Description	Size/Type
tca_test_meas_loc_site	Foreign key reference to Test_Comp_Alarm.tc-test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tca_test_meas_loc_id	Foreign key reference to Test_Comp_Alarm.tc-test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tca_test_gmt_event	Foreign key reference to Test_Comp_Alarm.tc-test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tca_test_ordering_seq	Foreign key reference to Test_Comp_Alarm.tc-test_ordering_seq, Included in composite primary key	UINT NOT NULL
tca_comp_ordering_seq	Foreign key reference to Test_Comp_Alarm.tc-ordering_seq, Included in composite primary key	UINT NOT NULL
tca_ordering_seq	Foreign key reference to Test_Comp_Alarm.ordering_seq, Included in composite primary key	UINT NOT NULL
alarm_db_site	Foreign key reference to Mloc_Test_Comp_Alarm_Rg.alarm_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
alarm_db_id	Foreign key reference to Mloc_Test_Comp_Alarm_Rg.alarm_db_id, Included in composite primary key	UINT NOT NULL
al_meas_loc_site	Foreign key reference to Mloc_Test_Comp_Alarm_Rg.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
al_meas_loc_id	Foreign key reference to Mloc_Test_Comp_Alarm_Rg.meas_loc_id, Included in composite primary key	UINT NOT NULL
al_ordering_seq	Foreign key reference to Mloc_Test_Comp_Alarm_Rg.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies	UINT

	the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tca_test_meas_loc_site, tca_test_meas_loc_id, tca_test_gmt_event, tca_test_ordering_seq, tca_comp_ordering_seq, tca_ordering_seq, alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test_comp_alarm (tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq)	tca_test_meas_loc_site, tca_test_meas_loc_id, tca_test_gmt_event, tca_test_ordering_seq, tca_comp_ordering_seq, tca_ordering_seq
	mloc_test_comp_alarm_rg (alarm_db_site, alarm_db_id, meas_loc_site, meas_loc_id, ordering_seq)	alarm_db_site, alarm_db_id, al_meas_loc_site, al_meas_loc_id, al_ordering_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#479 test_comp_alarm_assoc_num_rg

Description: Test Component Alarm's Associated Regions in Alarm

Attribute	Description	Size/Type
tca_test_meas_loc_site	Foreign key reference to Test_Comp_Alarm.tc_test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tca_test_meas_loc_id	Foreign key reference to Test_Comp_Alarm.tc_test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tca_test_gmt_event	Foreign key reference to Test_Comp_Alarm.tc_test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tca_test_ordering_seq	Foreign key reference to Test_Comp_Alarm.tc_test_ordering_seq, Included in composite primary key	UINT NOT NULL
tca_comp_ordering_seq	Foreign key reference to Test_Comp_Alarm.tc_ordering_seq, Included in composite primary key	UINT NOT NULL
tca_ordering_seq	Foreign key reference to Test_Comp_Alarm.ordering_seq, Included in composite primary key	UINT NOT NULL
tcar_test_meas_loc_site	Foreign key reference to Test_Comp_Alarm_Rg.tc_test_meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
tcar_test_meas_loc_id	Foreign key reference to Test_Comp_Alarm_Rg.tc_test_meas_loc_id, Included in composite primary key	UINT NOT NULL
tcar_test_gmt_event	Foreign key reference to Test_Comp_Alarm_Rg.tc_test_gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
tcar_test_ordering_seq	Foreign key reference to Test_Comp_Alarm_Rg.tc_test_ordering_seq, Included in composite primary key	UINT NOT NULL
tcar_comp_ordering_seq	Foreign key reference to Test_Comp_Alarm_Rg.tc_ordering_seq, Included in composite primary key	UINT NOT NULL
tcar_ordering_seq	Foreign key reference to Test_Comp_Alarm_Rg.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	tca_test_meas_loc_site, tca_test_meas_loc_id, tca_test_gmt_event, tca_test_ordering_seq, tca_comp_ordering_seq, tca_ordering_seq, tcar_test_meas_loc_site, tcar_test_meas_loc_id, tcar_test_gmt_event, tcar_test_ordering_seq, tcar_comp_ordering_seq, tcar_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	test_comp_alarm (tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq)	tca_test_meas_loc_site, tca_test_meas_loc_id, tca_test_gmt_event, tca_test_ordering_seq, tca_comp_ordering_seq, tca_ordering_seq
	test_comp_alarm_rg (tc_test_meas_loc_site, tc_test_meas_loc_id, tc_test_gmt_event, tc_test_ordering_seq, tc_ordering_seq, ordering_seq)	tcar_test_meas_loc_site, tcar_test_meas_loc_id, tcar_test_gmt_event, tcar_test_ordering_seq, tcar_comp_ordering_seq, tcar_ordering_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Sample Data Entities

#166 meas_sample

Description: Measurement Sample Entity

Note: The required user_tab_ident field is the alpha-numeric sample number.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
sample_order_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#163 meas_sample_child

Description: Measurement Sample Child Entity

This entity relates a measurement sample master to a subsequent child measurement sample

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Sample.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Sample.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Sample.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
sample_order_seq	Foreign key reference to Meas_Sample.sample_order_seq, Included in composite primary key	UINT NOT NULL
child_mloc_site	Foreign key reference to Meas_Sample.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_mloc_id	Foreign key reference to Meas_Sample.meas_loc_id, Included in composite primary key	UINT NOT NULL
child_gmt_event	Foreign key reference to Meas_Sample.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
child_sam_ord_seq	Foreign key reference to Meas_Sample.sample_order_seq, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq, child_mloc_site, child_mloc_id,	

	child_gmt_event, child_sam_ord_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	child_mloc_site, child_mloc_id, child_gmt_event, child_sam_ord_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#213 sample_num_data

Description: Measurement Sample Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Sample.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Sample.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Sample.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
sample_order_seq	Foreign key reference to Meas_Sample.sample_order_seq, Included in composite primary key	UINT NOT NULL
snum_db_site	Foreign key reference to Sample_Ndata_Type.snum_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
snum_db_id	Foreign key reference to Sample_Ndata_Type.snum_db_id, Included in composite primary key	UINT NOT NULL
snum_type_code	Foreign key reference to Sample_Ndata_Type.snum_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type-code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq, snum_db_site,	

	snum_db_id, snum_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq
	sample_ndata_type (snum_db_site, snum_db_id, snum_type_code)	snum_db_site, snum_db_id, snum_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#288 sample_chr_data

Description: Measurement Sample Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Sample.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Sample.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Sample.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
sample_order_seq	Foreign key reference to Meas_Sample.sample_order_seq, Included in composite primary key	UINT NOT NULL
schr_db_site	Foreign key reference to Sample_Cdata_Type.schr_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
schr_db_id	Foreign key reference to Sample_Cdata_Type.schr_db_id, Included in composite primary key	UINT NOT NULL
schr_type_code	Foreign key reference to Sample_Cdata_Type.schr_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id,	

	gmt_event, sample_order_seq, schr_db_site, schr_db_id, schr_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq
	sample_cdata_type (schr_db_site, schr_db_id, schr_type_code)	schr_db_site, schr_db_id, schr_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#289 sample_remark

Description: Measurement Sample Remark

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
meas_loc_site	Foreign key reference to Meas_Sample.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Sample.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Sample.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
sample_order_seq	Foreign key reference to Meas_Sample.sample_order_seq, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	meas_sample (meas_loc_site, meas_loc_id, gmt_event, sample_order_seq)	meas_loc_site, meas_loc_id, gmt_event, sample_order_seq
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Engineering Study (RCM, FMECA, Hypothesized Fault Information) Entities

#264 sg_type_function

Description: Function Codes, Descriptions of a Service Segment Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, sg_db_site, sg_db_id, sg_type_code, ordering_seq	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#265 as_type_function

Description: Function Codes, Descriptions of an Asset Type

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, as_db_site, as_db_id, as_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	site_database (db_site, db_id)	db_site, db_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#268 model_function

Description: Function Codes, Descriptions of a Model

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, model_db_site, model_db_id, model_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	site_database (db_site, db_id)	db_site, db_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#226 segment_function

Description: Function Codes, Descriptions of a Service Segment

Attribute	Description	Size/Type
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#227 asset_function

Description: Function Codes, Descriptions of an Asset

Attribute	Description	Size/Type
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, asset_site, asset_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#240 sg_typ_hyp_event

Description: Hypothetical Segment Type Events/Possible Failure Modes/Possible Failure Mechanisms

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sgt_hyp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sgt_hyp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sgt_hyp_event_id	Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the	HEXSTRING(16)

	database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sgt_hyp_db_site, sgt_hyp_db_id
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#241 as_typ_hyp_event

Description: Hypothetical Asset Type Events/Possible Failure Modes/Possible Failure Mechanisms

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ast_hyp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ast_hyp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
ast_hyp_event_id	Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies	HEXSTRING(16)

	the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	ast_hyp_db_site, ast_hyp_db_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#246 model_hyp_event

Description: Hypothetical Model Events/Possible Failure Modes/Possible Failure Mechanisms

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mod_hyp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mod_hyp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
mod_hyp_event_id	Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model.model_db_site	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id	UINT NOT NULL
model_id	Foreign key reference to Model.model_id	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	mod_hyp_db_site, mod_hyp_db_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#230 sg_hyp_event

Description: Hypothetical Segment Events/Possible Failure Modes/Possible Failure Mechanisms

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_hyp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_Site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the	UINT

	database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sg_hyp_db_site, sg_hyp_db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#231 as_hyp_event

Description: Hypothetical Asset Events/Possible Failure Modes/Possible Failure Mechanisms

Attribute	Description	Size/Type
as_hyp_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
cr_loc_hr_delta		SHORT
cr_loc_min_delta		USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	as_hyp_db_site, as_hyp_db_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#336 sg_hyp_ev_amb_set

Description: Segment Hypothetical Event Ambiguity Set

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_hyp_amb_set_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_amb_set_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_amb_set_id	Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id	UINT NOT NULL
amb_set_db_site	Foreign key reference to Amb_Set_Type.amb_set_db_site	HEXSTRING(16) NOT NULL
amb_set_db_id	Foreign key reference to Amb_Set_Type.amb_set_db_id	UINT NOT NULL
amb_set_type_code	Foreign key reference to Amb_Set_Type.amb_set_type_code	UINT NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Author)	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Author)	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sg_hyp_amb_set_db_site,

		sg_hyp_amb_set_db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	amb_set_type (amb_set_db_site, amb_set_db_id, amb_set_type_code)	amb_set_db_site, amb_set_db_id, amb_set_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#337 sg_hyp_ev_log_conn

Description: Segment Hypothetical Event Logical Connector Entity

Allows logical expressions to be represented as a logic tree with segment hypothetical event leaf nodes at the bottom. Reverse polish notation of the logical expression is readily formed from this tree.

Attribute	Description	Size/Type
sg_hyp_amb_set_db_site	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_amb_set_db_id	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_amb_set_id	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_id, Included in composite primary key	UINT NOT NULL
log_conn_id	Included in composite primary key	UINT NOT NULL
lc_db_site	Foreign key reference to Log_connector_Type.lc_db_site, Logical connector type	HEXSTRING(16) NOT NULL
lc_db_id	Foreign key reference to Log_connector_Type.lc_db_id, Logical connector type	UINT NOT NULL
lc_type_code	Foreign key reference to Log_connector_Type.lc_type_code, Logical connector type	UINT NOT NULL
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment hypothetical event	HEXSTRING(16)
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment hypothetical event	UINT
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment hypothetical event	UINT
par_db_site	Foreign key reference to Sg_Hyp_Ev_Log_Conn.sg_hyp_amb_set_db_site parent connector link (if null, this is the root)	UINT
par_db_id	Foreign key reference to Sg_Hyp_Ev_Log_Conn.sg_hyp_amb_set_d	UINT

	b_id parent connector link (if null, this is the root)	
par_set_id	Foreign key reference to Sg_Hyp_Ev_Log_Conn.sg_hyp_amb_set_id parent connector link (if null, this is the root)	UINT
par_log_conn_id	Foreign key reference to Sg_Hyp_Ev_Log_Conn.log_conn_id parent connector link (if null, this is the root)	UINT
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id, log_conn_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_hyp_ev_amb_set (sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id)	sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id
	log_connector_type (lc_db_site, lc_db_id, lc_type_code)	lc_db_site, lc_db_id, lc_type_code
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id
	sg_hyp_ev_log_conn (sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id log_conn_id)	par_db_site, par_db_id, par_set_id, par_log_conn_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#242 sg_typ_hyp_ev_link

Description: Hypothetical Segment Type Event Cause/Effect Links in an Event Causal Network

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sgt_hyp_db_site	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sgt_hyp_db_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_id, Included in composite primary key	UINT NOT NULL
sgt_hyp_event_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_typ_hyp_event (sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id)	sgt_hyp_db_site, sgt_hyp_db_id,

		sgt_hyp_event_id
	sg_typ_hyp_event (sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id)	caused_db_site, caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#243 as_typ_hyp_ev_link

Description: Hypothetical Asset Type Event Cause/Effect Links in an Event Causal Network

Attribute	Description	Size/Type
ast_hyp_db_site	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ast_hyp_db_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_id, Included in composite primary key	UINT NOT NULL
ast_hyp_event_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_typ_hyp_event (ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id)	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id

	as_typ_hyp_event (ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id)	caused_db_site, caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#247 model_hyp_ev_link

Description: Hypothetical Model Event Cause/Effect Links in an Event Causal Network

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mod_hyp_db_site	Foreign key reference to Model_Hyp_Event.mod_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mod_hyp_db_id	Foreign key reference to Model_Hyp_Event.mod_hyp_db_id, Included in composite primary key	UINT NOT NULL
mod_hyp_event_id	Foreign key reference to Model_Hyp_Event.mod_hyp_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to Model_Hyp_Event.mod_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to Model_Hyp_Event.mod_hyp_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to Model_Hyp_Event.mod_hyp_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_hyp_event (mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id)	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id

	model_hyp_event (mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id)	caused_db_site, caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#232 sg_hyp_event_link

Description: Hypothetical Segment Event Cause/Effect Links in an Event Causal Network

Attribute	Description	Size/Type
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id

	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	caused_db_site, caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#233 as_hyp_event_link

Description: Hypothetical Asset Event Cause/Effect Links in an Event Causal Network

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_hyp_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id

	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	caused_db_site, caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#244 sg_typ_hyp_ev_num_data

Description: Segment Type Hypothetical Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sgt_hyp_db_site	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sgt_hyp_db_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_db_id, Included in composite primary key	UINT NOT NULL
sgt_hyp_event_id	Foreign key reference to Sg_Typ_Hyp_Event.sgt_hyp_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id, en_db_site, en_db_id, en_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_typ_hyp_event (sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id)	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#245 as_typ_hyp_ev_num_data

Description: Asset Type Hypothetical Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ast_hyp_db_site	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ast_hyp_db_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_db_id, Included in composite primary key	UINT NOT NULL
ast_hyp_event_id	Foreign key reference to As_Typ_Hyp_Event.ast_hyp_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id, en_db_site, en_db_id, en_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_typ_hyp_event (ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id)	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#248 model_hyp_ev_num_data

Description: Model Hypothetical Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
mod_hyp_db_site	Foreign key reference to Model_Hyp_Event.mod_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mod_hyp_db_id	Foreign key reference to Model_Hyp_Event.mod_hyp_db_id, Included in composite primary key	UINT NOT NULL
mod_hyp_event_id	Foreign key reference to Model_Hyp_Event.mod_hyp_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_hyp_event (mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id)	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id

	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#234 sg_hyp_ev_num_data

Description: Segment Hypothetical Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id, en_db_site, en_db_id, eu_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#235 as_hyp_ev_num_data

Description: Asset Hypothetical Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_hyp_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id, en_db_site, en_db_id, eu_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#266 sg_typ_hyp_ev_func

Description: Segment Type Hypothetical Events Linked to Functions Affected

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sgt_hyp_db_site	Foreign key reference to Sg_Type_Hyp_Event.sgt_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sgt_hyp_db_id	Foreign key reference to Sg_Type_Hyp_Event.sgt_hyp_db_id, Included in composite primary key	UINT NOT NULL
sgt_hyp_event_id	Foreign key reference to Sg_Type_Hyp_Event.sgt_hyp_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Sg_Type_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Sg_Type_Function.db_id, Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Sg_Type_Function.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Sg_Type_Function.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Sg_Type_Function.sg_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Sg_Type_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this	USHORT

	entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id, db_site, db_id, sg_db_site, sg_db_id, sg_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_typ_hyp_event (sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id)	sgt_hyp_db_site, sgt_hyp_db_id, sgt_hyp_event_id
	sg_type_function (db_site, db_id, sg_db_site, sg_db_id, sg_type_code, ordering_seq)	db_site, db_id, sg_db_site, sg_db_id, sg_type_code, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#267 as_typ_hyp_ev_func

Description: Asset Type Hypothetical Events Linked to Functions Affected

Attribute	Description	Size/Type
ast_hyp_db_site	Foreign key reference to As_Type_Hyp_Event.ast_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ast_hyp_db_id	Foreign key reference to As_Type_Hyp_Event.ast_hyp_db_id, Included in composite primary key	UINT NOT NULL
ast_hyp_event_id	Foreign key reference to As_Type_Hyp_Event.ast_hyp_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to As_Type_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to As_Type_Function.db_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to As_Type_Function.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to As_Type_Function.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to As_Type_Function.as_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to As_Type_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this	USHORT

	entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id, db_site, db_id, as_db_site, as_db_id, as_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_typ_hyp_event (ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id)	ast_hyp_db_site, ast_hyp_db_id, ast_hyp_event_id
	as_type_function (db_site, db_id, as_db_site, as_db_id, as_type_code, ordering_seq)	db_site, db_id, as_db_site, as_db_id, as_type_code, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#269 model_hyp_ev_func

Description: Model Hypothetical Events Linked to Functions Affected

Attribute	Description	Size/Type
mod_hyp_db_site	Foreign key reference to Model_Hyp_Event.mod_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mod_hyp_db_id	Foreign key reference to Model_Hyp_Event.mod_hyp_db_id, Included in composite primary key	UINT NOT NULL
mod_hyp_event_id	Foreign key reference to Model_Hyp_Event.mod_hyp_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Model_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Model_Function.db_id, Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model_Function.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model_Function.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model_Function.model_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Model_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite		HEXSTRING(16)
by_agent_id		UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id, db_site, db_id, model_db_site, model_db_id, model_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_hyp_event (mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id)	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id
	model_function (db_site, db_id, model_db_site, model_db_id, model_id, ordering_seq)	db_site, db_id, model_db_site, model_db_id, model_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#236 sg_hyp_ev_sg_func

Description: Segment Hypothetical Events Linked to Functions Affected

Attribute	Description	Size/Type
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Segment_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Segment_Function.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment_Function.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Function.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Segment_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id, db_site, db_id, segment_site, segment_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id
	segment_function (db_site, db_id, segment_site, segment_id, ordering_seq)	db_site, db_id, segment_site, segment_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#237 as_hyp_ev_as_func

Description: Asset Hypothetical Events Linked to Functions Affected

Attribute	Description	Size/Type
as_hyp_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Asset_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Asset_Function.db_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset_Function.asset_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Function.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Asset_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id, db_site, db_id, asset_org_site, asset_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id
	asset_function (db_site, db_id, asset_site, asset_id, ordering_seq)	db_site, db_id, asset_org_site, asset_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#494 valid_sg_type_eng_study_entry

Description: Valid Engineering Study Entry for Segment Type Entity

This entity will hold all valid engineering study entries (normally just top-level parent entries) valid for a segment type for a given database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, sg_db_site, sg_db_id,	

	sg_type_code, eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#495 valid_segment_eng_study_entry

Description: Valid Engineering Study Entry for Segment Entity

This entity will hold all valid engineering study entries (normally just top-level parent entries) valid for a segment for a given database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	site_database (db_site, db_id)	db_site, db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#496 valid_as_type_eng_study_entry

Description: Valid Engineering Study Entry for Asset Type Entity

This entity will hold all valid engineering study entries (normally just top-level parent entries) valid for an asset type for a given database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, as_db_site, as_db_id, as_type_code, eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#497 valid_asset_eng_study_entry

Description: Valid Engineering Study Entry for Asset

This entity will hold all valid engineering study entries (normally just top-level parent entries) valid for an asset for a given database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, asset_org_site, asset_id, eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#582 valid_model_eng_study_entry

Description: Valid Engineering Study Entry for Model

This entity will hold all valid engineering study entries (normally just top-level parent entries) valid for a model for a given database.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
model_db_site	Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Model.model_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_db_site	Eng_Study_Entry.eng_study_entry_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
eng_study_entry_db_id	Eng_Study_Entry.eng_study_entry_db_id, Included in composite primary key	UINT NOT NULL
eng_study_entry_id	Eng_Study_Entry.eng_study_entry_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, model_db_site, model_db_id, model_id, eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Diagnosis/Prognosis (Proposed Event) Entities

#250 sg_proposed_event

Description: Proposed Past/Present/Future Segment Events including Diagnostic/Prognostic Event Outputs

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_proposed	Timestamp when proposed as an event	DATETIME(19:29)
pr_loc_hr_delta	Hours from GMT when proposed as an event	SHORT
pr_loc_min_delta	Minutes from GMT when proposed as an event	USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site (Agent who proposed event)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id (Agent who proposed event)	UINT
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
est_gmt_start	Estimated GMT event started or will start	DATETIME(19:29)
st_loc_hr_delta	Hours from GMT for local start time	SHORT
st_loc_min_delta	Minutes from GMT for local start time	USHORT
est_gmt_occur_end	Estimated GMT event ended or will end	DATETIME(19:29)
end_loc_hr_delta	Hours from GMT for local end time	SHORT
end_loc_min_delta	Minutes from GMT for local end time	USHORT
ch_patt_db_site	Foreign key reference to Change_Patt_Type.ch_patt_db_site (Change Pattern Code)	HEXSTRING(16)
ch_patt_db_id	Foreign key reference to Change_Patt_Type.ch_patt_db_id (Change Pattern Code)	UINT
ch_patt_type_code	Foreign key reference to	UINT

	Change_Patt_Type.ch_patt_type_code (Change Pattern Code)	
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_audited	GMT proposed event audited	DATETIME(19:29)
aud_loc_hr_delta	Hours from GMT for local audit time	SHORT
aud_loc_min_delta	Minutes from GMT for local audit time	USHORT
aud_quality_code	Foreign key reference to Data_Qual_Type.dqual_type_code (proposed event, not inspected, good/confirmed, bad/incorrect, or under review)	UINT
aud_by_org_asite	Foreign key reference to Agent.org_agent_site (Audited by Agent)	HEXSTRING(16)
aud_by_agent_id	Foreign key reference to Agent.agent_id (Audited by Agent)	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	sg_prop_db_site, sg_prop_db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	change_patt_type (ch_patt_db_site, ch_patt_db_id, ch_patt_type_code)	ch_patt_db_site, ch_patt_db_id, ch_patt_type_code
	data_qual_type (dqual_type_code)	aud_quality_code
	agent (org_agent_site, agent_id)	aud_by_org_asite, aud_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#251 as_proposed_event

Description: Proposed Past/Present/Future Asset Events including Diagnostic/Prognostic Event Outputs

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id	UINT NOT NULL
ev_db_site	Foreign key reference to Sg_As_Event_Type.ev_db_site	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Sg_As_Event_Type.ev_db_id	UINT NOT NULL
event_type_code	Foreign key reference to Sg_As_Event_Type.event_type_code	UINT NOT NULL
severity_lev_db_site	Foreign key reference to Severity_Level_Type.severity_lev_db_site	HEXSTRING(16) NOT NULL
severity_lev_db_id	Foreign key reference to Severity_Level_Type.severity_lev_db_id	UINT NOT NULL
severity_lev_type_code	Foreign key reference to Severity_Level_Type.severity_lev_type_code	UINT NOT NULL
gmt_proposed	Timestamp when proposed as an event	DATETIME(19:29)
pr_loc_hr_delta	Hours from GMT when proposed as an event	SHORT
pr_loc_min_delta	Minutes from GMT when proposed as an event	USHORT
by_org_asite	Foreign key reference to Agent.org_agent_site (Agent who proposed event)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id (Agent who proposed event)	UINT
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
est_gmt_start	Estimated GMT event started or will start	DATETIME(19:29)
st_loc_hr_delta	Hours from GMT for local start time	SHORT
st_loc_min_delta	Minutes from GMT for local start time	USHORT
est_gmt_occur_end	Estimated GMT event ended or will end	DATETIME(19:29)
end_loc_hr_delta	Hours from GMT for local end time	SHORT
end_loc_min_delta	Minutes from GMT for local end time	USHORT
ch_patt_db_site	Foreign key reference to Change_Patt_Type.ch_patt_db_site (Change Pattern Code)	HEXSTRING(16)
ch_patt_db_id	Foreign key reference to Change_Patt_Type.ch_patt_db_id (Change Pattern Code)	UINT
ch_patt_type_code	Foreign key reference to Change_Patt_Type.ch_patt_type_code (Change Pattern Code)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_audited	GMT proposed event audited	DATETIME(19:29)
aud_loc_hr_delta	Hours from GMT for local audit time	SHORT

aud_loc_min_delta	Minutes from GMT for local audit time	USHORT
aud_quality_code	Foreign key reference to Data_Qual_Type.dqual_type_code (proposed event, not inspected, good/confirmed, bad/incorrect, or under review)	UINT
aud_by_org_asite	Foreign key reference to Agent.org_agent_site (Audited by Agent)	HEXSTRING(16)
aud_by_agent_id	Foreign key reference to Agent.agent_id (Audited by Agent)	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	as_prop_db_site, as_prop_db_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	sg_as_event_type (ev_db_site, ev_db_id, event_type_code)	ev_db_site, ev_db_id, event_type_code
	severity_level_type (severity_lev_db_site, severity_lev_db_id, severity_lev_type_code)	severity_lev_db_site, severity_lev_db_id, severity_lev_type_code
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	change_patt_type (ch_patt_db_site, ch_patt_db_id, ch_patt_type_code)	ch_patt_db_site, ch_patt_db_id, ch_patt_type_code
	data_qual_type (dqual_type_code)	aud_quality_code
	agent (org_agent_site, agent_id)	aud_by_org_asite, aud_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#338 sg_prop_ev_amb_set

Description: Segment Proposed Event Ambiguity Set

Attribute	Description	Size/Type
sg_prop_amb_set_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_amb_set_db_id	Included in composite primary key	UINT NOT NULL
sg_prop_amb_set_id	Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id	UINT NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Author)	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Author)	UINT NOT NULL
gmt_proposed	Timestamp when author proposed this ambiguity set	DATETIME(19:29) NOT NULL
pr_loc_hr_delta	Hours from GMT related to gmt_proposed	USHORT
pr_loc_min_delta	Minutes from GMT related to gmt_proposed	USHORT
est_gmt_start	Estimated GMT when event started or will start	DATETIME(19:29)
st_loc_hr_delta	Hours from GMT related to est_gmt_start	USHORT
st_loc_min_delta	Minutes from GMT related to est_gmt_start	USHORT
est_gmt_occur_end	Estimated GMT when event ended or will end	DATETIME(19:29)
end_loc_hr_delta	Hours from GMT for est_gmt_occur_end	USHORT
end_loc_min_delta	Minutes from GMT for est_gmt_occur_end	USHORT
sg_hyp_amb_set_db_site	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_db_site (Pointer to pre-defined hypothetical event ambiguity set, if not generating a new set)	HEXSTRING(16) NOT NULL
sg_hyp_amb_set_db_id	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_db_id (Pointer to pre-defined hypothetical event ambiguity set, if not generating a new set)	UINT NOT NULL
sg_hyp_amb_set_id	Foreign key reference to Sg_Hyp_Ev_Amb_Set.sg_hyp_amb_set_id (Pointer to pre-defined hypothetical event ambiguity set, if not generating a new set)	UINT NOT NULL
amb_set_db_site	Foreign key reference to Amb_Set_Type.amb_set_db_site (Ambiguity set type of expression)	HEXSTRING(16) NOT NULL
amb_set_db_id	Foreign key reference to	UINT NOT NULL

	Amb_Set_Type.amb_set_db_id (Ambiguity set type of expression)	
amb_set_type_code	Foreign key reference to Amb_Set_Type.amb_set_type_code (Ambiguity set type of expression)	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	sg_hyp_ev_amb_set (sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id)	sg_hyp_amb_set_db_site, sg_hyp_amb_set_db_id, sg_hyp_amb_set_id
	amb_set_type (amb_set_db_site, amb_set_db_id, amb_set_type_code)	amb_set_db_site, amb_set_db_id, amb_set_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#339 sg_prop_ev_log_conn

Description: Segment Proposed Event Logical Connector Entity

Allows logical expressions to be represented as a logic tree with segment proposed event leaf nodes at the bottom. Reverse polish notation of the logical expression is readily formed from this tree.

Attribute	Description	Size/Type
sg_prop_amb_set_db_site	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_db_site and Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_amb_set_db_id	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_db_id and Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_amb_set_id	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_id and Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_id, Included in composite primary key	UINT NOT NULL
log_conn_id	Included in composite primary key	UINT NOT NULL
segment_site	Segment	HEXSTRING(16) NOT NULL
segment_id	Segment	UINT NOT NULL
by_agent_site	Author	HEXSTRING(16) NOT NULL
by_agent_id	Author	UINT NOT NULL
gmt_proposed	Timestamp when author proposed this ambiguity set	DATETIME(19:29) NOT NULL
lc_db_site	Foreign key reference to Log_Connector_Type.lc_db_site (Logical connector type)	HEXSTRING(16) NOT NULL
lc_db_id	Foreign key reference to Log_Connector_Type.lc_db_id (Logical connector type)	UINT NOT NULL
lc_type_code	Foreign key reference to Log_Connector_Type.lc_type_code (Logical connector type)	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Prop_Event.sg_prop_db_site (If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment proposed event)	HEXSTRING(16)
sg_prop_db_id	Foreign key reference to Sg_Prop_Event.sg_prop_db_id (If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment proposed event)	UINT
sg_prop_event_id	Foreign key reference to Sg_Prop_Event.sg_prop_event_id (If logical connector type (attributes above) are '0000000000000000', 3, 4" (Leaf), then this is the pointer to the segment proposed event)	UINT
par_db_site	Foreign key reference to Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_db_site parent connector link (if null, this is the root)	UINT

par_db_id	Foreign key reference to Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_db_id parent connector link (if null, this is the root)	UINT
par_set_id	Foreign key reference to Sg_Prop_Ev_Log_Conn.sg_prop_amb_set_id parent connector link (if null, this is the root)	UINT
par_log_conn_id	Foreign key reference to Sg_Prop_Ev_Log_Conn.log_conn_id parent connector link (if null, this is the root)	UINT
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id, log_conn_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_prop_ev_amb_set (sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id)	sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id
	log_connector_type (lc_db_site, lc_db_id, lc_type_code)	lc_db_site, lc_db_id, lc_type_code
	sg_prop_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	sg_prop_ev_log_conn (sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id, log_conn_id)	par_db_site, par_db_id, par_set_id, par_log_conn_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#340 sg_pr_ev_amb_set_sg_ev

Description: Segment Proposed Event Ambiguity Set Associated with Segment Events which Substantiate the Set

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_amb_set_db_site	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_amb_set_db_id	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_amb_set_id	Foreign key reference to Sg_Prop_Ev_Amb_Set.sg_prop_amb_set_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start (Event start time (GMT)), Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this	USHORT

	entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id, segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_prop_ev_amb_set (sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id)	sg_prop_amb_set_db_site, sg_prop_amb_set_db_id, sg_prop_amb_set_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#252 sg_prop_ev_link

Description: Proposed Segment Event Cause/Effect Links in an Event Causal Network

Attribute	Description	Size/Type
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
likelihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	sg_proposed_event (sg_prop_db_site,	caused_db_site,

	sg_prop_db_id, sg_prop_event_id)	caused_db_id, caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#253 as_prop_ev_link

Description: Proposed Asset Event Cause/Effect Links in an Event Causal Network

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
caused_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
caused_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
caused_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
liklihood_prob	Likelihood probability between 0 and 1	DOUBLE
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, caused_db_site, caused_db_id, caused_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	as_proposed_event (as_prop_db_site,	caused_db_site, caused_db_id,

	as_prop_db_id, as_prop_event_id)	caused_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#254 sg_prop_ev_ndat

Description: Segment Proposed Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#255 as_prop_ev_ndat

Description: Asset Proposed Event Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
en_db_site	Foreign key reference to Ev_Num_Data_Type.en_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
en_db_id	Foreign key reference to Ev_Num_Data_Type.en_db_id, Included in composite primary key	UINT NOT NULL
en_type_code	Foreign key reference to Ev_Num_Data_Type.en_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, en_db_site, en_db_id, en_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	ev_num_data_type (en_db_site, en_db_id, en_type_code)	en_db_site, en_db_id, en_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#499 sg_prop_event_chr_data

Description: Segment Proposed Event Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
ec_db_site	Foreign key reference to Ev_Chr_Data_Type.ec_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Ev_Chr_Data_Type.ec_db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Foreign key reference to Ev_Chr_Data_Type.ec_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	ev_chr_data_type (ec_db_site, ec_db_id, ec_type_code)	ec_db_site, ec_db_id, ec_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#557 as_prop_event_chr_data

Description: Asset Proposed Event Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
ec_db_site	Foreign key reference to Ev_Chr_Data_Type.ec_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ec_db_id	Foreign key reference to Ev_Chr_Data_Type.ec_db_id, Included in composite primary key	UINT NOT NULL
ec_type_code	Foreign key reference to Ev_Chr_Data_Type.ec_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, ec_db_site, ec_db_id, ec_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	ev_chr_data_type (ec_db_site, ec_db_id, ec_type_code)	ec_db_site, ec_db_id, ec_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#500 sg_prop_event_blob_data

Description: Binary Data Related to a Segment Proposed Event

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id,	

	sg_prop_event_id, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#501 as_prop_event_blob_data

Description: Binary Data Related to a Segment Proposed Event

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id,	

	as_prop_event_id, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Table of Contents

Alphabetical Listing

Numerical Listing

#256 sg_prop_ev_hyp_ev

Description: Proposed Segment Events Linked to Hypothetical Segment Events

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
sg_hypev_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hypev_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, sg_hypev_db_site, sg_hypev_db_id, sg_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id,

		sg_prop_event_id
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hypev_db_site, sg_hypev_db_id, sg_hyp_event_id
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#257 as_prop_ev_hyp_ev

Description: Proposed Asset Events Linked to Hypothetical Asset Events

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
as_hypev_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
as_hypev_db_id	Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, as_hypev_db_site, as_hypev_db_id, as_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hypev_db_site, as_hypev_db_id, as_hyp_event_id
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#258 sg_prop_ev_sg_ev

Description: Proposed Segment Events Linked to Actual Segment Events – Event Evidence Link

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which	USHORT

	determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#259 as_prop_ev_as_ev

Description: Proposed Asset Events Linked to Actual Asset Events – Event Evidence Link

Attribute	Description	Size/Type
as_prop_db_site	Foreign key reference to Sg_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to Sg_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to Sg_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite		HEXSTRING(16)
by_agent_id		UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#262 sg_prop_ev_sg_func

Description: Proposed Segment Events Linked to Functions Affected

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Segment_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Segment_Function.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment_Function.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Function.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Segment_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id,	

	sg_prop_event_id, db_site, db_id, segment_site, segment_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	segment_function (db_site, db_id, segment_site, segment_id, ordering_seq)	db_site, db_id, segment_site, segment_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#263 as_prop_ev_as_func

Description: Proposed Asset Events Linked to Functions Affected

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
db_site	Foreign key reference to Asset_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Asset_Function.db_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset_Function.asset_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Function.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Asset_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id,	

	as_prop_event_id, db_site, db_id, asset_org_site, asset_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	asset_function (db_site, db_id, asset_site, asset_id, ordering_seq)	db_site, db_id, asset_org_site, asset_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#296 sg_prop_ev_meas_ev

Description: Proposed Segment Events Associated With Measurement Events Which Substantiate the Proposed Event – Measurement Evidence Link

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id, meas_loc_site, meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_proposed_event (sg_prop_db_site,	sg_prop_db_site,

	sg_prop_db_id, sg_prop_event_id)	sg_prop_db_id, sg_prop_event_id
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#297 as_prop_ev_meas_ev

Description: Proposed Asset Events Associated With Measurement Events Which Substantiate the Proposed Event – Measurement Evidence Link

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_prop_db_site, as_prop_db_id, as_prop_event_id, meas_loc_site, meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_proposed_event (as_prop_db_site,	as_prop_db_site,

	as_prop_db_id, as_prop_event_id)	as_prop_db_id, as_prop_event_id
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#228 sg_ev_sg_func_link

Description: Segment Events Linked to Functions Affected

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
fn_db_site	Foreign key reference to Segment_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
fn_db_id	Foreign key reference to Segment_Function.db_id, Included in composite primary key	UINT NOT NULL
fn_segment_site	Foreign key reference to Segment_Function.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
fn_segment_id	Foreign key reference to Segment_Function.segment_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Segment_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, fn_db_site, fn_db_id, fn_segment_site, fn_segment_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	segment_function (db_site, db_id, segment_site, segment_id, ordering_seq)	fn_db_site, fn_db_id, fn_segment_site, fn_segment_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#229 as_ev_as_func_link

Description: Asset Events Linked to Functions Affected

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
db_site	Foreign key reference to Asset_Function.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Asset_Function.db_id, Included in composite primary key	UINT NOT NULL
fc_as_org_site	Foreign key reference to Asset_Function.asset_site, Included in composite primary key	HEXSTRING(16) NOT NULL
fc_as_id	Foreign key reference to Asset_Function.asset_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Foreign key reference to Asset_Function.ordering_seq, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start, db_site, db_id, fc_as_org_site, fc_as_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	asset_function (db_site, db_id, asset_site, asset_id, ordering_seq)	db_site, db_id, fc_as_org_site, fc_as_id, ordering_seq
	agent (org_agent_site, agent_id)	by_org_asite, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Health and Estimated Life Assessment Entities

#127 segment_health

Description: Segment Health Assessment For Past/Present/Future

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Timestamp when the assessment was performed by the agent - NOT the timestamp in the past or future of the segment for which the assessment was created and to which it applies (see gmt_created below for this), Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Agent who made the assessment (i.e. "Doctor")), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Agent who made the assessment (i.e. "Doctor")), Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local hours from GMT for gmt_assessment	USHORT
loc_min_delta	Local minutes from GMT for gmt_assessment	USHORT
health_lev_db_site	Foreign key reference to Health_Level_Type.health_lev_db_site	HEXSTRING(16) NOT NULL
health_lev_db_id	Foreign key reference to Health_Level_Type.health_lev_db_id	UINT NOT NULL
health_lev_type_code	Foreign key reference to Health_Level_Type.health_lev_type_code	UINT NOT NULL
health_scale_precise	Optional precise health scale DOUBLE value between 0 and 1 (1 = perfect health)	DOUBLE
likelihood_prob	Likelihood probability between 0 and 1 that health assessment is accurate	DOUBLE
gmt_created	The instant in time for the segment in the past or future of the segment for which this assessment was created and to which it applies.	DATETIME(19:29) NOT NULL
cr_loc_hr_delta	Hours from GMT for creation timestamp	USHORT
cr_loc_min_delta	Minutes from GMT for creation timestamp	USHORT
ch_patt_db_site	Foreign key reference to Change_Patt_Type.ch_patt_db_site, (Change Pattern Code)	HEXSTRING(16)
ch_patt_db_id	Foreign key reference to Change_Patt_Type.ch_patt_db_id, (Change Pattern Code)	UINT

ch_patt_type_code	Foreign key reference to Change_Patt_Type.ch_patt_type_code, (Change Pattern Code)	UINT
gmt_audited	GMT proposed assessment audited	DATETIME(19:29)
aud_loc_hr_delta	Hours from GMT for local audit time	USHORT
aud_loc_min_delta	Minutes from GMT for local audit time	USHORT
aud_quality_code	Foreign key reference to Data_Qual_Type.dqual_type_code (health assessment not inspected, good/confirmed, bad/incorrect, or under review)	UINT
aud_by_org_asite	Foreign key reference to Agent.org_agent_site (Audit Agent)	HEXSTRING(16)
aud_by_agent_id	Foreign key reference to Agent.agent_id (Audit Agent)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	health_level_type (health_lev_db_site, health_lev_db_id, health_lev_type_code)	health_lev_db_site, health_lev_db_id, health_lev_type_code
	change_patt_type (ch_patt_db_site, ch_patt_db_id, ch_patt_type_code)	ch_patt_db_site, ch_patt_db_id, ch_patt_type_code
	data_qual_type (dqual_type_code)	aud_quality_code
	agent (org_agent_site, agent_id)	aud_by_org_asite, aud_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#129 asset_health

Description: Asset Health Assessment For Past/Present/Future

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Timestamp when the assessment was performed by the agent—NOT the timestamp in the past or future of the asset for which the assessment was created and to which it applies (see gmt_created below for this), Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Agent who made the assessment (i.e. “Doctor”)), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Agent who made the assessment (i.e. “Doctor”)), Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local hours from GMT for gmt_assessment	USHORT
loc_min_delta	Local minutess from GMT for gmt_assessment	USHORT
health_lev_db_site	Foreign key reference to Health_Level_Type.health_lev_db_site	HEXSTRING(16) NOT NULL
health_lev_db_id	Foreign key reference to Health_Level_Type.health_lev_db_id	UINT NOT NULL
health_lev_type_code	Foreign key reference to Health_Level_Type.health_lev_type_code	UINT NOT NULL
health_scale_precise	Optional precise health scale DOUBLE value between 0 and 1 (1 = perfect health)	DOUBLE
likelihood_prob	Likelihood probability between 0 and 1 that health assessment is accurate	DOUBLE
gmt_created	The instant in time for the asset related to this asset health assessment (created for this instant in time of the asset)	DATETIME(19:29) NOT NULL
cr_loc_hr_delta	Hours from GMT for creation timestamp	USHORT
cr_loc_min_delta	Minutes from GMT for creation timestamp	USHORT
ch_patt_db_site	Foreign key reference to Change_Patt_Type.ch_patt_db_site, (Change Pattern Code)	HEXSTRING(16)
ch_patt_db_id	Foreign key reference to Change_Patt_Type.ch_patt_db_id, (Change Pattern Code)	UINT
ch_patt_type_code	Foreign key reference to Change_Patt_Type.ch_patt_type_code, (Change Pattern Code)	UINT

gmt_audited	GMT proposed assessment audited	DATETIME(19:29)
aud_loc_hr_delta	Hours from GMT for local audit time	USHORT
aud_loc_min_delta	Minutes from GMT for local audit time	USHORT
aud_quality_code	Foreign key reference to Data_Qual_Type.dqual_type_code (health assessment not inspected, good/confirmed, bad/incorrect, or under review)	UINT
aud_by_org_asite	Foreign key reference to Agent.org_agent_site (Audit Agent)	HEXSTRING(16)
aud_by_agent_id	Foreign key reference to Agent.agent_id (Audit Agent)	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	health_level_type (health_lev_db_site, health_lev_db_id, health_lev_type_code)	health_lev_db_site, health_lev_db_id, health_lev_type_code
	change_patt_type (ch_patt_db_site, ch_patt_db_id, ch_patt_type_code)	ch_patt_db_site, ch_patt_db_id, ch_patt_type_code
	data_qual_type (dqual_type_code)	aud_quality_code
	agent (org_agent_site, agent_id)	aud_by_org_asite, aud_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#146 sg_remaining_life

Description: Segment Remaining Life Assessment For Past/Present/Future

Attribute	Description	Size/Type
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Timestamp when the assessment was performed by the agent – NOT the timestamp in the past or future of the segment for which the assessment was created and to which it applies (see gmt_created below for this), Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Agent who made the assessment (i.e. "Doctor")), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Agent who made the assessment (i.e. "Doctor")), Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time hour offset from GMT	USHORT
loc_min_delta	Local time minute offset from GMT	USHORT
est_remaining_life	Estimated remaining life assuming no intervention	DOUBLE
erl_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time units for estimating remaining life)	HEXSTRING(16)
erl_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (time units for estimating remaining life)	UINT
erl_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (time units for estimating remaining life)	UINT
error_estimate	Error estimate (+/- X duration)	DOUBLE
err_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time units for error estimate)	HEXSTRING(16)
err_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (time units for error estimate)	UINT
err_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (time units for error estimate)	UINT
likelihood_prob	Likelihood probability between 0 and 1 that assessment is accurate	DOUBLE
gmt_created	The start time for the segment related	DATETIME(19:29) NOT

	to this segment RUL assessment (created for this instant in time of the segment)	NULL
cr_loc_hr_delta	Hours from GMT for creation timestamp	USHORT
cr_loc_min_delta	Minutess from GMT for creation timestamp	USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	erl_eu_db_site, erl_eu_db_id, erl_eu_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	err_eu_db_site, err_eu_db_id, err_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#147 as_remaining_life

Description: Asset Remaining Life Assessment For Past/Present/Future

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Timestamp when the assessment was performed by the agent—NOT the timestamp in the past or future of the asset for which the assessment was created and to which it applies (see gmt_created below for this), Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (Agent who made the assessment/"Doctor"), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id (Agent who made the assessment/"Doctor") Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	USHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
est_remaining_life	Estimated remaining life assuming no intervention	DOUBLE
erl_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time units for estimating remaining life)	HEXSTRING(16)
erl_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (time units for estimating remaining life)	UINT
erl_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (time units for estimating remaining life)	UINT
error_estimate	Error estimate (+/- X duration)	DOUBLE
err_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time units for error estimate)	HEXSTRING(16)
err_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id (time units for error estimate)	UINT
err_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code (time units for error estimate)	UINT
likelihood_prob	Likelihood probability between 0 and 1 that assessment is accurate	DOUBLE
gmt_created	The start time for the asset related to this asset RUL assessment (created for	DATETIME(19:29) NOT NULL

	this instant in time of the asset)	
cr_loc_hr_delta	Hours from GMT for creation timestamp	USHORT
cr_loc_min_delta	Minutess from GMT for creation timestamp	USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	erl_eu_db_site, erl_eu_db_id, erl_eu_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	err_eu_db_site, err_eu_db_id, err_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#298 sg_health_sg_event

Description: Actual Segment Events Associated With Segment Health Which Substantiate the Health Assessment

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Health.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Health.segment_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Foreign key reference to Segment_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Segment_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Segment_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
ev_sg_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_sg_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
assoc_by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id, ev_sg_site, ev_sg_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_health (segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_sg_site, ev_sg_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	agent (org_agent_site, agent_id)	assoc_by_org_asite, assoc_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#299 as_health_as_event

Description: Actual Asset Events Associated With Asset Health Which Substantiate the Health Assessment

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Health.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Health.asset_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Foreign key reference to Asset_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Asset_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Asset_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
ev_as_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_as_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
assoc_by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id, ev_as_org_site, ev_as_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_health (asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_as_org_site, ev_as_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	agent (org_agent_site, agent_id)	assoc_by_org_asite, assoc_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#300 sg_health_sg_prop_ev

Description: Proposed Segment Events Associated With Segment Health Which Substantiate the Health Assessment

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment_Health.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment_Health.segment_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Foreign key reference to Segment_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Segment_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Segment_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
assoc_by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_health (segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	agent (org_agent_site, agent_id)	assoc_by_org_asite, assoc_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#301 as_health_as_prop_ev

Description: Proposed Asset Events Associated With Asset Health Which Substantiate the Health Assessment

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset_Health.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset_Health.asset_id, Included in composite primary key	UINT NOT NULL
gmt_assessment	Foreign key reference to Asset_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Asset_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Asset_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_by_org_asite	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
assoc_by_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_health (asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	agent (org_agent_site, agent_id)	assoc_by_org_asite, assoc_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Recommendation Entities

#274 sg_type_recomm

Description: Segment Type Recommendation – Purpose is To Be Associated With Hypothesized Events

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_db_site	Foreign key reference to Segment_Type.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Segment_Type.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Segment_Type.sg_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site, (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment_type (sg_db_site, sg_db_id, sg_type_code)	sg_db_site, sg_db_id, sg_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#275 as_type_recomm

Description: Asset Type Recommendation – Purpose is to be Associated With Hypothesized Events

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_db_site	Foreign key reference to Asset_Type.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to Asset_Type.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to Asset_Type.as_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (originator) Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#276 model_recomm

Description: Model Recommendation – Purpose is to be Associated With Hypothesized Events

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#184 sg_recommendation

Description: Segment Recommendation

Attribute	Description	Size/Type
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site, (originator) Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	segment (segment_site, segment_id)	segment_site, segment_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#185 as_recommendation

Description: Asset Recommendation

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id

	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#316 ol_recommendation

Description: Ordered List Recommendation

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Agent.org_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Agent.agent_id, Included in composite primary key	UINT NOT NULL
loc_hr_delta	Local time, hour offset from GMT	SHORT
loc_min_delta	Local time, minute offset from GMT	USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#277 sg_type_rec_remark

Description: Segment Type Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sg_db_site	Foreign key reference to Sg_Type_Recomm.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Sg_Type_Recomm.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Sg_Type_Recomm.sg_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Type_Recomm.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_type_recomm (sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id)	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#278 as_type_rec_remark

Description: Asset Type Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_db_site	Foreign key reference to As_Type_Recomm.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to As_Type_Recomm.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to As_Type_Recomm.as_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Type_Recomm.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_type_recomm (as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id)	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#279 model_rec_remark

Description: Model Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model_Recomm.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model_Recomm.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model_Recomm.model_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Model_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Model_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Model_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mf_db_site, mf_db_id, manuf_code, model_id, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_recomm (model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id)	model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#130 sg_rec_remark

Description: Segment Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#131 as_rec_remark

Description: Asset Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#322 ol_rec_remark

Description: Ordered List Recommendation Remarks

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OI_Recommendation.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OI_Recommendation.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OI_Recommendation.ord_list_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to OI_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to OI_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to OI_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
remark_text		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, gmt_recommendation, by_agent_site, by_agent_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_recommendation (ord_list_db_site,	ord_list_db_site,

	ord_list_db_id, ord_list_id, gmt_recommendation, by_agent_site, by_agent_id)	ord_list_db_id, ord_list_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#313 sg_type_rec_blob

Description: Binary Data Related to a Segment Type Recommendation

Attribute	Description	Size/Type
sg_db_site	Foreign key reference to Sg_Type_Recomm.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Sg_Type_Recomm.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Sg_Type_Recomm.sg_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Type_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_idnt	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_type_recomm (sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id)	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#314 as_type_rec_blob

Description: Binary Data Related to an Asset Type Recommendation

Attribute	Description	Size/Type
as_db_site	Foreign key reference to As_Type_Recomm.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to As_Type_Recomm.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to As_Type_Recomm.as_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Type_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_idnt	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_type_recomm (as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id)	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#315 model_rec_blob

Description: Binary Data Related to a Model Recommendation

Attribute	Description	Size/Type
model_db_site	Foreign key reference to Model_Recomm.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model_Recomm.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model_Recomm.model_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Model_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Model_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Model_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_recomm (model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id)	model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#311 sg_rec_blob

Description: Binary Data Related to a Segment Recommendation

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#312 as_rec_blob

Description: Binary Data Related to an Asset Recommendation

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#280 sg_type_rec_hyp_ev

Description: Hypothetical Segment Events Linked to Segment Type Recommendations

Attribute	Description	Size/Type
sg_db_site	Foreign key reference to Sg_Type_Recomm.sg_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_db_id	Foreign key reference to Sg_Type_Recomm.sg_db_id, Included in composite primary key	UINT NOT NULL
sg_type_code	Foreign key reference to Sg_Type_Recomm.type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Type_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sg_db_site, sg_db_id, sg_type_code,	

	gmt_recommendation, by_agent_site, by_agent_id, sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_type_recomm (sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id)	sg_db_site, sg_db_id, sg_type_code, gmt_recommendation, by_agent_site, by_agent_id
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#281 as_type_rec_hyp_ev

Description: Hypothetical Asset Events Linked to Asset Type Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
as_db_site	Foreign key reference to As_Type_Recomm.as_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_db_id	Foreign key reference to As_Type_Recomm.as_db_id, Included in composite primary key	UINT NOT NULL
as_type_code	Foreign key reference to As_Type_Recomm.as_type_code, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Type_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Type_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Type_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
as_hyp_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	as_db_site, as_db_id, as_type_code,	

	gmt_recommendation, by_agent_site, by_agent_id, as_hyp_db_site, as_hyp_db_id, as_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_type_recomm (as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id)	as_db_site, as_db_id, as_type_code, gmt_recommendation, by_agent_site, by_agent_id
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#282 model_rec_hyp_ev

Description: Hypothetical Model Events Linked To Model Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model_Recomm.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model_Recomm.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model_Recomm.model_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Model_Recomm.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Model_Recomm.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Model_Recomm.by_agent_id, Included in composite primary key	UINT NOT NULL
mod_hyp_db_site	Foreign key reference to Model_Hyp_Event.mod_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mod_hyp_db_id	Foreign key reference to Model_Hyp_Event.mod_hyp_db_id, Included in composite primary key	UINT NOT NULL
mod_hyp_event_id	Foreign key reference to Model_Hyp_Event.mod_hyp_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id,	

	model_id, gmt_recommendation, by_agent_site, by_agent_id, mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	model_recomm (model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id)	model_db_site, model_db_id, model_id, gmt_recommendation, by_agent_site, by_agent_id
	model_hyp_event (mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id)	mod_hyp_db_site, mod_hyp_db_id, mod_hyp_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#270 sg_rec_sg_hyp_ev

Description: Hypothetical Service Segment Events Linked to Segment Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id Included in composite primary key	UINT NOT NULL
sg_hyp_db_site	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_hyp_db_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_db_id, Included in composite primary key	UINT NOT NULL
sg_hyp_event_id	Foreign key reference to Sg_Hyp_Event.sg_hyp_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, sg_hyp_db_site,	

	sg_hyp_db_id, sg_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	sg_hyp_event (sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id)	sg_hyp_db_site, sg_hyp_db_id, sg_hyp_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#271 as_rec_as_hyp_ev

Description: Hypothetical Asset Events Linked to Asset Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
as_hyp_db_site	Foreign key reference to As_Hyp_Event.as_hyp_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_hyp_db_id	Foreign key reference to As_Hyp_Event.as_hyp_db_id, Included in composite primary key	UINT NOT NULL
as_hyp_event_id	Foreign key reference to As_Hyp_Event.as_hyp_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, as_hyp_db_site,	

	as_hyp_db_id, as_hyp_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	as_hyp_event (as_hyp_db_site, as_hyp_db_id, as_hyp_event_id)	as_hyp_db_site, as_hyp_db_id, as_hyp_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#272 sg_rec_sg_prop_ev

Description: Proposed Service Segment Events Linked to Segment Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#273 as_rec_as_prop_ev

Description: Proposed Asset Events Linked to Asset Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id Included in composite primary key	UINT NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, as_prop_db_site, as_prop_db_id, as_prop_event_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#208 sg_rec_sg_event

Description: Actual Segment Events Linked to Segment Recommendations

Attribute	Description	Size/Type
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
ev_sg_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_sg_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, ev_sg_site, ev_sg_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_sg_site, ev_sg_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#209 as_rec_as_event

Description: Actual Asset Events Linked to Asset Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
ev_as_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_as_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, ev_as_org_site, ev_as_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_as_org_site, ev_as_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#302 sg_rec_sg_health

Description: Segment Health Assessment Linked to Segment Recommendations

Attribute	Description	Size/Type
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
hth_sg_site	Foreign key reference to Segment_Health.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
hth_sg_id	Foreign key reference to Segment_Health.segment_id, Included in composite primary key	UINT NOT NULL
hth_gmt_assess	Foreign key reference to Segment_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
hth_by_agent_site	Foreign key reference to Segment_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
hth_by_agent_id	Foreign key reference to Segment_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this	USHORT

	entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, hth_sg_site, hth_sg_id, hth_gmt_assess, hth_by_agent_site, hth_by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	segment_health (segment_site, segment_id, gmt_assessment, by_agent_site, by_agent_id)	hth_sg_site, hth_sg_id, hth_gmt_assess, hth_by_agent_site, hth_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#303 as_rec_as_health

Description: Asset Health Assessment Linked to Asset Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
hth_as_org_site	Foreign key reference to Asset_Health.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
hth_asset_id	Foreign key reference to Asset_Health.asset_id, Included in composite primary key	UINT NOT NULL
hth_gmt_assess	Foreign key reference to Asset_Health.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
hth_by_agent_site	Foreign key reference to Asset_Health.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
hth_by_agent_id	Foreign key reference to Asset_Health.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, hth_as_site, hth_as_id, hth_gmt_assess, hth_by_agent_site, hth_by_agent_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	asset_health (asset_org_site, asset_id, gmt_assessment, by_agent_site, by_agent_id)	hth_as_site, hth_as_id, hth_gmt_assess, hth_by_agent_site, hth_by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#304 sg_rec_mevent

Description: Measurement Events Linked to Segment Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id, meas_loc_site,	

	meas_loc_id, gmt_event	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#305 as_rec_mevent

Description: Proposed Asset Events Linked to Asset Recommendations

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_assessment, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site (originator), Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
meas_loc_site	Foreign key reference to Meas_Event.meas_loc_site, Included in composite primary key	HEXSTRING(16) NOT NULL
meas_loc_id	Foreign key reference to Meas_Event.meas_loc_id, Included in composite primary key	UINT NOT NULL
gmt_event	Foreign key reference to Meas_Event.gmt_event, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id, meas_loc_site, meas_loc_id, gmt_event	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	meas_event (meas_loc_site, meas_loc_id, gmt_event)	meas_loc_site, meas_loc_id, gmt_event
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Work Management Entities

#181 solution_package

Description: Package of Pre-defined Work and Associated Information to Be Done Based On a Need

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Included in composite primary key	UINT NOT NULL
sol_db_site	Foreign key reference to Solution_Pack_Type.sol_db_site	HEXSTRING(16) NOT NULL
sol_db_id	Foreign key reference to Solution_Pack_Type.sol_db_id	UINT NOT NULL
sol_type_code	Foreign key reference to Solution_Pack_Type.sol_type_code	UINT NOT NULL
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_db_site, sol_pack_db_id, sol_pack_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	site_database (db_site, db_id)	sol_pack_db_site, sol_pack_db_id
	solution_pack_type (sol_db_site, sol_db_id, sol_type_code)	sol_db_site, sol_db_id, sol_type_code
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#516 solution_package_num_data

Description: Solution Package Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_db_site, sol_pack_db_id, sol_pack_id, wn_db_site, wn_db_id, wn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#524 solution_package_chr_data

Description: Solution Package Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chtr_Dat_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chtr_Dat_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chtr_Dat_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_db_site, sol_pack_db_id, sol_pack_id, wc_db_site, wc_db_id, wc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	work_chr_dat_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#531 solution_package_blob_data

Description: Solution Package Binary Data Entity

Attribute	Description	Size/Type
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_db_site, sol_pack_db_id, sol_pack_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#507 solution_package_step

Description: Solution Package Step

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_step_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_step_db_id	Included in composite primary key	UINT NOT NULL
sol_pack_step_id	Included in composite primary key	UINT NOT NULL
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
seq_num		UINT
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#517 solution_package_step_num_data

Description: Solution Package Step Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_step_db_site	Foreign key reference to Solution_Package_Step.sol_pack_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_step_db_id	Foreign key reference to Solution_Package_Step.sol_pack_step_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_step_id	Foreign key reference to Solution_Package_Step.sol_pack_step_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id, wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	solution_package_step (sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id)	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#523 solution_package_step_chr_data

Description: Solution Package Step Character Data

Attribute	Description	Size/Type
sol_pack_step_db_site	Foreign key reference to Solution_Package_Step.sol_pack_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_step_db_id	Foreign key reference to Solution_Package_Step.sol_pack_step_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_step_id	Foreign key reference to Solution_Package_Step.sol_pack_step_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chtr_Dat_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chtr_Dat_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chtr_Dat_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_step_db_site, sol_pack_step_db_id,	

	sol_pack_step_id, wc_db_site, wc_db_id, wc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	solution_package_step (sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id)	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id
	work_chr_dat_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#530 solution_package_step_blob_dat

Description: Solution Package Step Binary Data Entity

Attribute	Description	Size/Type
sol_pack_step_db_site	Foreign key reference to Solution_Package_Step.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_step_db_id	Foreign key reference to Solution_Package_Step.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_step_id	Foreign key reference to Solution_Package_Step.sol_pack_step_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which	USHORT

	determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	solution_package_step (sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id)	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#511 sol_pack_step_ord_list_needed

Description: Ordered List (Associated Bill of Materiel, etc.) Needed for a Solution Package Step

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) needed by a Solution Package Step.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
sol_pack_step_db_site	Foreign key reference to Request.sol_pack_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_step_db_id	Foreign key reference to Request.sol_pack_step_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_step_id	Foreign key reference to Request.sol_pack_step_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id, ord_list_db_site, ord_list_db_id, ord_list_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id)	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#330 as_sol_pack

Description: Associated Solution Packages for an Asset

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, sol_pack_db_site, sol_pack_db_id, sol_pack_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#331 sg_sol_pack

Description: Associated Solution Packages for a Segment

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, sol_pack_db_site, sol_pack_db_id, sol_pack_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#332 ol_sol_pack

Description: Associated Solution Packages for an Ordered List

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id, Included in composite primary key	UINT NOT NULL
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, sol_pack_db_site, sol_pack_db_id, sol_pack_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#6 request

Description: Request Entity

Holds agents' requisitions for work, materials, tools, and/or labor. CCOM V3.0 and CRIS V3.0 support requests for work for segment, assets, and ordered lists. Future enhancements will support requests for materials, tools, and labor.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
request_id	Included in composite primary key	UINT NOT NULL
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
by_agent_site	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site	HEXSTRING(16)
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id	UINT
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which	USHORT

	determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	req_db_site, req_db_id
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from sy_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_sit e, eng_study_entry_db_id, eng_study_entry_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#515 request_num_data

Description: Request Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#519 request_chr_data

Description: Request Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chr_Dat_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chr_Dat_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chr_Dat_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, wc_db_site, wc_db_id, wc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	work_chr_dat_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#532 request_blob_data

Description: Request Binary Data Entity

This entity will hold all the current binary data related to a Request.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#450 request_ord_list_needed

Description: Pre-work Ordered List (Associated Bill of Material, etc.) Needed for a Request (Segment Request for Work, Asset Request for Work Ordered List Request For Work)

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) needed on a request.

Attribute	Description	Size/Type
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, ord_list_db_site, ord_list_db_id, ord_list_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#539 request_for_sg_prop_event

Description: Request For Segment Proposed Event

This entity will hold requests associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	sg_proposed_event (sg_prop_db_site,	sg_prop_db_site,

	sg_prop_db_id, sg_prop_event_id)	sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#543 request_for_as_prop_event

Description: Request For Asset Proposed Event

This entity will hold requests associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	as_proposed_event (as_prop_db_site,	as_prop_db_site,

	as_prop_db_id, as_prop_event_id)	as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#547 request_for_sg_event

Description: Request For Segment Event

This entity will hold Requests associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#551 request_for_as_event

Description: Request For Asset Event

This entity will hold Requests associated with an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#134 sg_req_for_work

Description: Request for Work for Segment (Subset of Request entity)

Attribute	Description	Size/Type
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id	UINT NOT NULL
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT NOT NULL
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_code	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT NOT NULL
auto_approve	Request automatic generation of work order	STRING(1)
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
repeat_interval	Time interval to re-submit time-based actions	UINT
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time interval)	HEXSTRING(16)
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
to_agent_site	Foreign key reference to Agent.org_agent_site (agent to receive the request for work)	HEXSTRING(16)
to_agent_id	Foreign key reference to	UINT

	Agent.agent_id (agent to receive the request for work)	
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site (associated solution package)	HEXSTRING(16)
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id	UINT
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id	UINT
rec_segment_site	Foreign key reference to Sg_Recommendation.segment_site (associated segment recommendation)	HEXSTRING(16)
rec_segment_id	Foreign key reference to Sg_Recommendation.segment_id	UINT
rec_gmt_recomm	Foreign key reference to Sg_Recommendation.gmt_recommen dation	DATETIME(19:29)
rec_by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site	HEXSTRING(16)
rec_by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site (associated work request)	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to Work_Request.work_req_id	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site (associated work order)	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	req_db_site, req_db_id, request_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	segment (segment_site, segment_id)	segment_site, segment_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	rec_segment_site, rec_segment_id, rec_gmt_recomm, rec_by_agent_site, rec_by_agent_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	auto_approve	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#135 as_req_for_work

Description: Request for Work for Asset (Subset of Request entity)

Attribute	Description	Size/Type
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id	UINT NOT NULL
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT NOT NULL
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_code	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT NOT NULL
auto_approve	Request automatic generation of work order	STRING(1)
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
repeat_interval	Time interval to re-submit time-based actions	UINT
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time interval)	HEXSTRING(16)
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
to_agent_site	Foreign key reference to Agent.org_agent_site (agent to receive the request for work)	HEXSTRING(16)
to_agent_id	Foreign key reference to	UINT

	Agent.agent_id	
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site (associated solution package)	HEXSTRING(16)
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id	UINT
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id	UINT
rec_asset_org_site	Foreign key reference to As_Recommendation.asset_org_site	HEXSTRING(16)
rec_asset_id	Foreign key reference to As_Recommendation.asset_id	UINT
rec_gmt_recomm	Foreign key reference to As_Recommendation.gmt_recommendation	DATETIME(19:29)
rec_by_agent_site	Foreign key reference to As_Recommendation.by_agent_site	HEXSTRING(16)
rec_by_agent_id	Foreign key reference to As_Recommendation.by_agent_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site (associated work request)	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to Work_Request.work_req_id	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site (associated work order)	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
name	Full user-defined name/description	STRING(0:254)
long_description	Long Description Field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	rec_asset_site, rec_asset_id, rec_gmt_recomm, rec_by_agent_site, rec_by_agent_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	auto_approve	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#148 ol_req_for_work

Description: Request for Work for Ordered List/Route (Subset of Request entity)

Attribute	Description	Size/Type
req_db_site	Foreign key reference to Request.req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
req_db_id	Foreign key reference to Request.req_db_id, Included in composite primary key	UINT NOT NULL
request_id	Foreign key reference to Request.request_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id	UINT NOT NULL
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT NOT NULL
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_code	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT NOT NULL
auto_approve	Request automatic generation of work order	STRING(1)
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
repeat_interval	Time interval to re-submit time-based actions	UINT
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time interval eng unit reference)	HEXSTRING(16)
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
to_agent_site	Foreign key reference to Agent.org_agent_site (agent to receive	HEXSTRING(16)

	the request for work)	
to_agent_id	Foreign key reference to Agent.agent_id	UINT
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site (associated solution package)	HEXSTRING(16)
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id	UINT
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id	UINT
rec_ord_db_site	Foreign key reference to OI_Recommendation.ord_list_db_site (associated ordered list recommendation)	HEXSTRING(16)
rec_ord_db_id	Foreign key reference to OI_Recommendation.ord_list_db_id	UINT
rec_ord_list_id	Foreign key reference to OI_Recommendation.ord_list_id	UINT
rec_gmt_recomm	Foreign key reference to OI_Recommendation.gmt_recommendation	DATETIME(19:29)
rec_by_agent_site	Foreign key reference to OI_Recommendation.by_agent_site	HEXSTRING(16)
rec_by_agent_id	Foreign key reference to OI_Recommendation.by_agent_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to Work_Request.work_req_id	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site (associated work order)	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	req_db_site, req_db_id, request_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	request (req_db_site, req_db_id, request_id)	req_db_site, req_db_id, request_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	ol_recommendation (ord_list_db_site, ord_list_db_id, ord_list_id, gmt_recommendation, by_agent_site, by_agent_id)	rec_ord_db_site, rec_ord_db_id, rec_ord_list, rec_gmt_recomm, rec_by_agent_site, rec_by_agent_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code
<u>Check</u>	<u>Attribute</u>	<u>Value Range</u>
	auto_approve	'Y','N'

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#136 work_request

Description: Work Request

Attribute	Description	Size/Type
work_req_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site (association to work order)	HEXSTRING(16)
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT NOT NULL
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_type_code	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16)
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
by_agent_site	Foreign key reference to Agent.org_agent_site (originator)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
repeat_interval	Time interval to re-submit time-based actions	UINT
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time	HEXSTRING(16)

	interval)	
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site (system the request generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
to_agent_site	Foreign key reference to Agent.org_agent_site (originator)	HEXSTRING(16)
to_agent_id	Foreign key reference to Agent.agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site	HEXSTRING(16)
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id	UINT
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	site_database (db_site, db_id)	work_req_db_site, work_req_db_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	eng_unit_type eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#172 work_req_num_data

Description: Work Request Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, wn_db_site, wn_db_id, wn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#173 work_req_chr_data

Description: Work Request Character Data

Attribute	Description	Size/Type
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chr_Data_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chr_Data_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chr_Data_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, wc_db_site, wc_db_id, wc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_chr_data_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#584 work_req_blob_data

Description: Work Request Binary Data Attachments

Attribute	Description	Size/Type
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	STRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	STRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	STRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_id	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	STRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#174 work_request_audit

Description: Work Request Audit

Attribute	Description	Size/Type
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
waudit_db_site	Foreign key reference to Work_Audit_Type.waudit_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
waudit_db_id	Foreign key reference to Work_Audit_Type.waudit_db_id, Included in composite primary key	UINT NOT NULL
waudit_type_code	Foreign key reference to Work_Audit_Type.waudit_type_code, Included in composite primary key	UINT NOT NULL
gmt_audit_posted	Included in composite primary key	DATETIME(19:29) NOT NULL
loc_hr_delta		SHORT
loc_min_delta		USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
by_agent_site	Foreign key reference to Agent.org_agent_site, (agent who posted audit record)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site, (system audit record generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, waudit_db_site, waudit_db_id, waudit_type_code, gmt_audit_posted	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_audit_type (waudit_db_site, waudit_db_id, waudit_type_code)	waudit_db_site, waudit_db_id, waudit_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#563 work_request_for_sg_prop_event

Description: Work Request For Segment Proposed Event

This entity will hold Work Requests associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id

	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#564 work_request_for_as_prop_event

Description: Work Request For Asset Proposed Event

This entity will hold Work Requests associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id

	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#567 work_request_for_sg_event

Description: Work Request For Segment Event

This entity will hold Work Requests associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#568 work_request_for_as_event

Description: Work Request For Asset Event

This entity will hold Work Requests associated with an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#186 work_req_sg_recomm

Description: Associated Segment Recommendations for a Work Request

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

197 work_req_as_recomm

Description: Associated Asset Recommendations for a Work Request

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id, Included in composite primary key	UINT NOT NULL
work_req_id	Foreign key reference to Work_Request.work_req_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_req_db_site, work_req_db_id, work_req_id, asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#139 work_order

Description: Work Order Entity

Attribute	Description	Size/Type
work_order_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Included in composite primary key	UINT NOT NULL
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16) NOT NULL
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT NOT NULL
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_code	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16)
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
by_agent_site	Foreign key reference to Agent.org_agent_site (originator)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
repeat_interval	Time interval to automatically have work re-submitted for time-based actions	UINT
int_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (time interval eng unit reference (hours, days, months, etc.))	HEXSTRING(16)
int_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
int_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site (system generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
to_agent_site	Foreign key reference to Agent.org_agent_site	HEXSTRING(16)
to_agent_id	Foreign key reference to Agent.agent_id	UINT

priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
eng_study_entry_db_site	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_site	HEXSTRING(16)
eng_study_entry_db_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id	UINT
eng_study_entry_id	Foreign key reference to Eng_Study_Entry.eng_study_entry_db_id	UINT
sol_pack_db_site	Foreign key reference to Solution_Package.sol_pack_db_site	HEXSTRING(16)
sol_pack_db_id	Foreign key reference to Solution_Package.sol_pack_db_id	UINT
sol_pack_id	Foreign key reference to Solution_Package.sol_pack_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	work_order_db_site, work_order_db_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	eng_unit_type eu_db_site, eu_db_id, eu_type_code)	int_eu_db_site, int_eu_db_id, int_eu_type_code

	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	eng_study_entry (eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id)	eng_study_entry_db_site, eng_study_entry_db_id, eng_study_entry_id
	solution_package (sol_pack_db_site, sol_pack_db_id, sol_pack_id)	sol_pack_db_site, sol_pack_db_id, sol_pack_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#159 work_order_child

Description: Relationship of Master Parent Work Order to Follow-on Work Orders

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
child_wo_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_wo_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
child_wo_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, child_wo_db_site, child_wo_db_id, child_wo_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id

	work_order (work_order_db_site, work_order_db_id, work_order_id)	child_wo_db_site, child_wo_db_id, child_wo_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#175 work_order_num_data

Description: Work Order Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, wn_db_site, wn_db_id, wn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#176 work_order_chr_data

Description: Work Order Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chtr_Data_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chtr_Data_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chtr_Data_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, wc_db_site, wc_db_id, wc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_chr_data_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#528 work_order_blob_data

Description: Work Order Binary Data Attachments

Attribute	Description	Size/Type
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in associated_blob attribute. If data is present in associated_blob, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
associated_blob	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#177 work_order_audit

Description: Work Order Audit

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
waudit_db_site	Foreign key reference to Work_Audit_Type.waudit_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
waudit_db_id	Foreign key reference to Work_Audit_Type.waudit_db_id, Included in composite primary key	UINT NOT NULL
waudit_type_code	Foreign key reference to Work_Audit_Type.waudit_type_code, Included in composite primary key	UINT NOT NULL
gmt_audit_posted	Included in composite primary key	DATETIME(19:29) NOT NULL
loc_hr_delta		SHORT
loc_min_delta		USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
by_agent_site	Foreign key reference to Agent.org_agent_site (agent who posted audit record)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site (system audit record generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, waudit_db_site, waudit_db_id, waudit_type_code, gmt_audit_posted	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_audit_type (waudit_db_site, waudit_db_id, waudit_type_code)	waudit_db_site, waudit_db_id, waudit_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#565 work_order_for_sg_prop_event

Description: Work Order For Segment Proposed Event

This entity will hold Work Orders associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id

	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#566 work_order_for_as_prop_event

Description: Work Order For Asset Proposed Event

This entity will hold Work Orders associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id

	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#569 work_order_for_sg_event

Description: Work Order For Segment Event

This entity will hold Work Requests associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#570 work_order_for_as_event

Description: Work Order For Asset Event

This entity will hold Work Requests associated with an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_order_db_site, work_order_db_id, work_order_id, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#503 work_step

Description: Work Step

Attribute	Description	Size/Type
work_step_db_site	Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Included in composite primary key	UINT NOT NULL
work_step_id	Included in composite primary key	UINT NOT NULL
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id, Included in composite primary key	UINT NOT NULL
work_order_id	Foreign key reference to Work_Order.work_order_id, Included in composite primary key	UINT NOT NULL
work_step_seq		UINT
wm_type_db_site	Foreign key reference to Work_Manage_Type.wm_type_db_site	HEXSTRING(16)
wm_type_db_id	Foreign key reference to Work_Manage_Type.wm_type_db_id	UINT
wm_type_code	Foreign key reference to Work_Manage_Type.wm_type_type_code	UINT
task_db_site	Foreign key reference to Work_Task_Type.task_db_site	HEXSTRING(16)
task_db_id	Foreign key reference to Work_Task_Type.task_db_id	UINT
task_type_code	Foreign key reference to Work_Task_Type.task_type_code	UINT
gmt_created		DATETIME(19:29)
loc_hr_delta		SHORT
loc_min_delta		USHORT
by_agent_site	Foreign key reference to Agent.by_agent_site (originator)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
sol_pack_step_db_site	Foreign key reference to Sol_Package_Step.sol_pack_step_db_site	HEXSTRING(16)
sol_pack_step_db_id	Foreign key reference to Sol_Package_Step.sol_pack_step_db_id	UINT
sol_pack_step_id	Foreign key reference to Sol_Package_Step.sol_pack_step_id	UINT
start_before_gmt	Request for action to begin before this time	DATETIME(19:29)
end_before_gmt	Request for action to end before this time	DATETIME(19:29)
start_after_gmt	Request for action to begin after this time	DATETIME(19:29)
end_after_gmt	Request for action to end after this time	DATETIME(19:29)
from_sy_agent_site	Foreign key reference to Agent.by_agent_site (system generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT

to_agent_site	Foreign key reference to Agent.by_agent_site	HEXSTRING(16)
to_agent_id	Foreign key reference to Agent.agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_manage_type (wm_type_db_site, wm_type_db_id, wm_type_code)	wm_type_db_site, wm_type_db_id, wm_type_code
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	sol_package_step (sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id)	sol_pack_step_db_site, sol_pack_step_db_id, sol_pack_step_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	agent (org_agent_site, agent_id)	to_agent_site, to_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#518 work_step_num_data

Description: Work Step Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, wn_db_site, wn_db_id, wn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#522 work_step_chr_data

Description: Work Step Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
wc_db_site	Foreign key reference to Work_Chr_Dat_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chr_Dat_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chr_Dat_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, wc_db_site, wc_db_id, wc_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	work_chr_dat_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#529 work_step_blob_data

Description: Work Step Binary Data Entity

Attribute	Description	Size/Type
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
bd_ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
bld_type_code	Foreign key reference to Blob_Content_Type.bld_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, bd_db_site, bd_db_id, bd_type_code, bd_ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#509 work_step_ord_list_needed

Description: Ordered List (Associated Bill of Materiel, etc.) Needed for a Work Step

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) needed by a Work_Step.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site,	work_step_db_site,

	work_step_db_id, work_step_id)	work_step_db_id, work_step_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#506 work_step_audit

Description: Work Step Audit

Attribute	Description	Size/Type
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
waudit_db_site	Foreign key reference to Work_Audit_Type.waudit_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
waudit_db_id	Foreign key reference to Work_Audit_Type.waudit_db_id, Included in composite primary key	UINT NOT NULL
waudit_type_code	Foreign key reference to Work_Audit_Type.waudit_type_code, Included in composite primary key	UINT NOT NULL
gmt_audit_posted	Included in composite primary key	DATETIME(19:29) NOT NULL
loc_hr_delta		SHORT
loc_min_delta		USHORT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
by_agent_site	Agent who posted audit record	HEXSTRING(16)
by_agent_id		UINT
from_sy_agent_site	System audit record generated from	HEXSTRING(16)
from_sy_agent_id		UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	work_step_db_site, work_step_db_id, work_step_id, waudit_db_site, waudit_db_id, waudit_type_code, gmt_audit_posted	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	work_audit_type (waudit_db_site, waudit_db_id, waudit_type_code)	waudit_db_site, waudit_db_id, waudit_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#505 work_step_sg_recomm

Description: Associated Segment Recommendations for a Work Step

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Sg_Recommendation.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Recommendation.segment_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to Sg_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to Sg_Recommendation.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to Sg_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	sg_recommendation (segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id)	segment_site, segment_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#504 work_step_as_recomm

Description: Associated Asset Recommendations for a Work Step

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id, Included in composite primary key	UINT NOT NULL
work_step_id	Foreign key reference to Work_Step.work_step_id, Included in composite primary key	UINT NOT NULL
asset_org_site	Foreign key reference to As_Recommendation.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Recommendation.asset_id, Included in composite primary key	UINT NOT NULL
gmt_recommendation	Foreign key reference to As_Recommendation.gmt_recommendation, Included in composite primary key	DATETIME(19:29) NOT NULL
by_agent_site	Foreign key reference to As_Recommendation.by_agent_site, Included in composite primary key	HEXSTRING(16) NOT NULL
by_agent_id	Foreign key reference to As_Recommendation.by_agent_id, Included in composite primary key	UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	work_step_db_site, work_step_db_id, work_step_id, asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	as_recommendation (asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id)	asset_org_site, asset_id, gmt_recommendation, by_agent_site, by_agent_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#144 sg_completed_work

Description: Completed Work Tasks For Segments

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Actual completion time, Included in composite primary key	DATETIME(19:29) NOT NULL
cp_loc_hr_delta	Local completion time hours from GMT	SHORT
cp_loc_min_delta	Local completion time minutes from GMT	USHORT
gmt_started	Actual start time	DATETIME(19:29)
st_loc_hr_delta	Local start time hours from GMT	SHORT
st_loc_min_delta	Local start time minutes from GMT	USHORT
by_agent_site	Foreign key reference to Agent.by_agent_site (agent accomplishing the work)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.by_agent_site (system generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to	UINT

	Work_Request.work_req_id	
work_step_db_site	Foreign key reference to Work_Step.work_step_db_site	HEXSTRING(16)
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id	UINT
work_step_id	Foreign key reference to Work_Step.work_step_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
work_ord_step_seq	Obsolete attribute	UINT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#145 as_completed_work

Description: Completed Work Tasks For Assets

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Actual completion time, Included in composite primary key	DATETIME(19:29) NOT NULL
cp_loc_hr_delta	Local completion time hours from GMT	SHORT
cp_loc_min_delta	Local completion time minutes from GMT	USHORT
gmt_started	Actual start time	DATETIME(19:29)
st_loc_hr_delta	Local start time hours from GMT	SHORT
st_loc_min_delta	Local start time minutes from GMT	USHORT
by_agent_site	Foreign key reference to Agent.by_agent_site (agent accomplishing the work)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.by_agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.by_agent_site (system generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.by_agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to Work_Request.work_req_id	UINT

work_step_db_site	Foreign key reference to Work_Step.work_step_db_site	HEXSTRING(16)
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id	UINT
work_step_id	Foreign key reference to Work_Step.work_step_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
work_ord_step_seq	Obsolete attribute	UINT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#187 ol_completed_work

Description: Completed Work Tasks For Ordered Lists

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Work_Task_Type.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Work_Task_Type.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Work_Task_Type.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Actual completion time, Included in composite primary key	DATETIME(19:29) NOT NULL
cp_loc_hr_delta	Local completion time hours from GMT	SHORT
cp_loc_min_delta	Local completion time minutes from GMT	USHORT
gmt_started	Actual start time	DATETIME(19:29)
st_loc_hr_delta	Local start time hours from GMT	SHORT
st_loc_min_delta	Local start time minutes from GMT	USHORT
by_agent_site	Foreign key reference to Agent.org_agent_site (agent accomplishing the work)	HEXSTRING(16)
by_agent_id	Foreign key reference to Agent.agent_id	UINT
from_sy_agent_site	Foreign key reference to Agent.org_agent_site (system generated from)	HEXSTRING(16)
from_sy_agent_id	Foreign key reference to Agent.agent_id	UINT
priority_lev_db_site	Foreign key reference to Priority_Level_Type.priority_lev_db_site	HEXSTRING(16)
priority_lev_db_id	Foreign key reference to Priority_Level_Type.priority_lev_db_id	UINT
priority_lev_type_code	Foreign key reference to Priority_Level_Type.priority_lev_type_code	UINT
work_order_db_site	Foreign key reference to Work_Order.work_order_db_site	HEXSTRING(16)
work_order_db_id	Foreign key reference to Work_Order.work_order_db_id	UINT
work_order_id	Foreign key reference to Work_Order.work_order_id	UINT
work_req_db_site	Foreign key reference to Work_Request.work_req_db_site	HEXSTRING(16)
work_req_db_id	Foreign key reference to Work_Request.work_req_db_id	UINT
work_req_id	Foreign key reference to Work_Request.work_req_id	UINT
work_step_db_site	Foreign key reference to	HEXSTRING(16)

	Work_Step.work_step_db_site	
work_step_db_id	Foreign key reference to Work_Step.work_step_db_id	UINT
work_step_id	Foreign key reference to Work_Step.work_step_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
long_description	Long_description field	STRING(0:4000)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
work_ord_step_seq	Obsolete attribute	UINT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	work_task_type (task_db_site, task_db_id, task_type_code)	task_db_site, task_db_id, task_type_code
	agent (org_agent_site, agent_id)	by_agent_site, by_agent_id
	agent (org_agent_site, agent_id)	from_sy_agent_site, from_sy_agent_id
	priority_level_type (priority_lev_db_site, priority_lev_db_id, priority_lev_type_code)	priority_lev_db_site, priority_lev_db_id, priority_lev_type_code
	work_order (work_order_db_site, work_order_db_id, work_order_id)	work_order_db_site, work_order_db_id, work_order_id
	work_request (work_req_db_site, work_req_db_id, work_req_id)	work_req_db_site, work_req_db_id, work_req_id
	work_step (work_step_db_site, work_step_db_id, work_step_id)	work_step_db_site, work_step_db_id, work_step_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#460 sg_completed_work_asset_util

Description: Segment Completed Work Associated Asset Utilized (Parts Installed/Removed)

This entity will hold the Parts installed/removed for segment completed work entries.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
used_asset_org_site	Foreign key reference to Asset_On_Segment.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
used_asset_id	Foreign key reference to Asset_On_Segment.asset_id, Included in composite primary key	UINT NOT NULL
on_segment_site	Foreign key reference to Asset_On_Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
on_segment_id	Foreign key reference to Asset_On_Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_installed	Foreign key reference to Asset_On_Segment.gmt_installed, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies	UINT

	the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed
	asset_on_segment (asset_org_site, asset_id, segment_site, segment_id, gmt_installed)	used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#456 sg_completed_work_num_data

Description: Segment Completed Work Numeric Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#457 sg_completed_work_chr_data

Description: Segment Completed Work Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wc_db_site	Foreign key reference to Work_Chr_Data_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chr_Data_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chr_Data_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, wc_db_site, wc_db_id, wc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	work_chr_data_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#458 sg_completed_work_blob_data

Description: Segment Completed Work Binary Data Entity

This entity will hold all the current binary data related to a segment completed work action.

Attribute	Description	Size/Type
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY

gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#461 sg_completed_work_olist_used

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Used for Segment Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) used during work performed on a segment.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#455 sg_completed_work_olist_rem

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Removed for Segment Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) removed during work performed on a segment.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#540 sg_comp_work_for_sg_prop_event

Description: Segment Completed Work For Segment Proposed Event

This entity will hold segment completed work entries associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#544 sg_comp_work_for_as_prop_event

Description: Segment Completed Work For Asset Proposed Event

This entity will hold segment completed work entries associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segmet_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segmet_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#459 sg_completed_work_for_sg_event

Description: Segment Completed Work For Segment Event

This entity will hold segment completed work entries associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Segment_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#552 sg_completed_work_for_as_event

Description: Segment Completed Work For Asset Event

This entity will hold segment completed work entries associated with a asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Sg_Completed_Work.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Sg_Completed_Work.segment_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to Sg_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to Sg_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to Sg_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to Sg_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Foreign key reference to Asset_Event.gmt_event_start, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft	HEXSTRING(16)

	deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	sg_completed_work (segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)	segment_site, segment_id, task_db_site, task_db_id, task_type_code, gmt_completed)
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#559 as_completed_work_asset_util

Description: Asset Completed Work Associated Asset Utilized (Parts Installed/Removed)

This entity will hold the Parts installed/removed for asset completed work entries.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
used_asset_org_site	Foreign key reference to Asset_on_Segment.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
used_asset_id	Foreign key reference to Asset_on_Segment.asset_id, Included in composite primary key	UINT NOT NULL
on_segment_site	Foreign key reference to Asset_on_Segment.segment_site, Included in composite primary key	
on_segment_id	Foreign key reference to Asset_on_Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_installed	Foreign key reference to Asset_on_Segment.gmt_installed, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies	UINT

	the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	asset_on_segment (asset_org_site, asset_id, segment_site, segment_id, gmt_installed)	used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#514 as_completed_work_num_data

Description: Asset Completed Work Numeric Data

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#521 as_completed_work_chr_data

Description: Asset Completed Work Character Data

Attribute	Description	Size/Type
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wc_db_site	Foreign key reference to Work_Chtr_Data_Type.wc_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chtr_Data_Type.wc_db_id, Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chtr_Data_Type.wc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, wc_db_site, wc_db_id, wc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	work_chr_data_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#527 as_completed_work_blob_data

Description: Asset Completed Work Binary Data Entity

This entity will hold all the current binary data related to an asset completed work action.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY

gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#534 as_completed_work_olist_used

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Used for Asset Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) used during work performed on an asset.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#537 as_completed_work_olist_rem

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Removed for Asset Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) removed during work performed on an asset.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which	USHORT

	determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, ord_list_db_site, ord_list_db_id, ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#541 as_comp_work_for_sg_prop_event

Description: Asset Completed Work For Segment Proposed Event

This entity will hold asset completed work entries associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#546 as_comp_work_for_as_prop_event

Description: Asset Completed Work For Asset Proposed Event

This entity will hold asset completed work entries associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#549 as_completed_work_for_sg_event

Description: Asset Completed Work For Segment Event

This entity will hold asset completed work entries associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Segment_Event FK, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#554 as_completed_work_for_as_event

Description: Asset Completed Work For Asset Event

This entity will hold asset completed work entries associated with an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to As_Completed_Work.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to As_Completed_Work.asset_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to As_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to As_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to As_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to As_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	as_completed_work (asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed)	asset_org_site, asset_id, task_db_site, task_db_id, task_type_code, gmt_completed
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#558 ol_completed_work_asset_util

Description: Ordered List Completed Work Associated Asset Utilized (Parts Installed/Removed)

This entity will hold the Parts installed/removed for Ordered List Completed work entries.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
used_asset_org_site	Foreign key reference to Asset_on_Segment.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
used_asset_id	Foreign key reference to Asset_on_Segment.asset_id, Included in composite primary key	UINT NOT NULL
on_segment_site	Foreign key reference to Asset_on_Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
on_segment_id	Foreign key reference to Asset_on_Segment.segment_id, Included in composite primary key	UINT NOT NULL
gmt_installed	Foreign key reference to Asset_on_Segment.gmt_installed, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies	HEXSTRING(16)

	the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	asset_on_segment (asset_org_site, asset_id, segment_site, segment_id, gmt_installed)	used_asset_org_site, used_asset_id, on_segment_site, on_segment_id, gmt_installed
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#513 ol_completed_work_num_data

Description: Ordered List Completed Work Numeric Data

Attribute	Description	Size/Type
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wn_db_site	Foreign key reference to Work_Num_Data_Type.wn_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
wn_db_id	Foreign key reference to Work_Num_Data_Type.wn_db_id, Included in composite primary key	UINT NOT NULL
wn_type_code	Foreign key reference to Work_Num_Data_Type.wn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, wn_db_site, wn_db_id, wn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	work_num_data_type (wn_db_site, wn_db_id, wn_type_code)	wn_db_site, wn_db_id, wn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#520 ol_completed_work_chr_data

Description: Ordered List Completed Work Character Data

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
wc_db_site	Foreign key reference to Work_Chkr_Data_Type.wc_db_site Included in composite primary key	HEXSTRING(16) NOT NULL
wc_db_id	Foreign key reference to Work_Chkr_Data_Type.wc_db_id Included in composite primary key	UINT NOT NULL
wc_type_code	Foreign key reference to Work_Chkr_Data_Type.wc_type_code Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, wc_db_site, wc_db_id, wc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	work_chr_data_type (wc_db_site, wc_db_id, wc_type_code)	wc_db_site, wc_db_id, wc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#526 ol_completed_work_blob_data

Description: Ordered List Completed Work Binary Data Entity

This entity will hold all the current binary data related to an Ordered List Completed work action.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_DataType.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_DataType.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_DataType.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides	STRING(0:254)

	a default name for the blob if it is to be extracted into a file.	
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#535 ol_completed_work_olist_used

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Used for Ordered List Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) used during work performed on an Ordered List.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
used_ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
used_ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
used_ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, used_ord_list_db_site, used_ord_list_db_id, used_ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	used_ord_list_db_site, used_ord_list_db_id, used_ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#538 ol_completed_work_olist_rem

Description: In-work Ordered List (Associated Bill of Materiel, etc.) Removed for Ordered List Completed Work

This entity will hold all associated ordered lists (Bill of Material, Bill of Labour, etc.) removed during work performed on an Ordered List.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
rem_ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rem_ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
rem_ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft	UINT

	deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, rem_ord_list_db_site, rem_ord_list_db_id, rem_ord_list_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	rem_ord_list_db_site, rem_ord_list_db_id, rem_ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#542 ol_comp_work_for_sg_prop_event

Description: Ordered List Completed Work For Segment Proposed Event

This entity will hold Ordered List Completed work entries associated with a segment proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
sg_prop_db_site	Foreign key reference to Sg_Proposed_Event.sg_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
sg_prop_db_id	Foreign key reference to Sg_Proposed_Event.sg_prop_db_id, Included in composite primary key	UINT NOT NULL
sg_prop_event_id	Foreign key reference to Sg_Proposed_Event.sg_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, sg_prop_db_site, sg_prop_db_id, sg_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	sg_proposed_event (sg_prop_db_site, sg_prop_db_id, sg_prop_event_id)	sg_prop_db_site, sg_prop_db_id, sg_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#545 ol_comp_work_for_as_prop_event

Description: Ordered List Completed Work For Asset Proposed Event

This entity will hold Ordered List Completed work entries associated with a asset proposed event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
as_prop_db_site	Foreign key reference to As_Proposed_Event.as_prop_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
as_prop_db_id	Foreign key reference to As_Proposed_Event.as_prop_db_id, Included in composite primary key	UINT NOT NULL
as_prop_event_id	Foreign key reference to As_Proposed_Event.as_prop_event_id, Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to	USHORT

	Row_Status_Type.rstat_type_cod which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, as_prop_db_site, as_prop_db_id, as_prop_event_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	as_proposed_event (as_prop_db_site, as_prop_db_id, as_prop_event_id)	as_prop_db_site, as_prop_db_id, as_prop_event_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#550 ol_completed_work_for_sg_event

Description: Ordered List Completed Work For Segment Event

This entity will hold Ordered List Completed work entries associated with a segment event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_segment_site	Foreign key reference to Segment_Event.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_segment_id	Foreign key reference to Segment_Event.segment_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Segment_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Segment_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Segment_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Segment_Event FK, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to	HEXSTRING(16)

	Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	segment_event (segment_site, segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_segment_site, ev_segment_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#553 ol_completed_work_for_as_event

Description: Ordered List Completed Work For Asset Event

This entity will hold Ordered List Completed work entries associated with an asset event.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to OL_Completed_Work.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to OL_Completed_Work.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to OL_Completed_Work.ord_list_id, Included in composite primary key	UINT NOT NULL
task_db_site	Foreign key reference to OL_Completed_Work.task_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
task_db_id	Foreign key reference to OL_Completed_Work.task_db_id, Included in composite primary key	UINT NOT NULL
task_type_code	Foreign key reference to OL_Completed_Work.task_type_code, Included in composite primary key	UINT NOT NULL
gmt_completed	Foreign key reference to OL_Completed_Work.gmt_completed, Included in composite primary key	DATETIME(19:29) NOT NULL
ev_asset_org_site	Foreign key reference to Asset_Event.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_asset_id	Foreign key reference to Asset_Event.asset_org_id, Included in composite primary key	UINT NOT NULL
ev_db_site	Foreign key reference to Asset_Event.ev_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ev_db_id	Foreign key reference to Asset_Event.ev_db_id, Included in composite primary key	UINT NOT NULL
event_type_code	Foreign key reference to Asset_Event.event_type_code, Included in composite primary key	UINT NOT NULL
gmt_event_start	Asset_Event FK, Included in composite primary key	DATETIME(19:29) NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to	HEXSTRING(16)

	Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed, ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ol_completed_work (ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed)	ord_list_db_site, ord_list_db_id, ord_list_id, task_db_site, task_db_id, task_type_code, gmt_completed
	asset_event (asset_org_site, asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start)	ev_asset_org_site, ev_asset_id, ev_db_site, ev_db_id, event_type_code, gmt_event_start
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

GeoSpatial Entities

#347 geo_position

Description: Geo Position Entity

Attribute	Description	Size/Type
geo_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
geo_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
geo_position_id	Included in composite primary key	UINT NOT NULL
user_tag_ident	Short user tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
description	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	geo_db_site,geo_db_id, geo_position_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	geo_db_site,geo_db_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#351 gps_location

Description: GPS Location Entity

Attribute	Description	Size/Type
geo_db_site	Foreign key reference to Geo_Position.geo_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
geo_db_id	Foreign key reference to Geo_Position.geo_db_id, Included in composite primary key	UINT NOT NULL
geo_position_id	Foreign key reference to Geo_Position.geo_position_id, Included in composite primary key	UINT NOT NULL
ordering_sequence	Normally only 1 GPS_Location for a geo-position. This ordering_sequence allows for the same exact geo-position to be referenced by multiple GPS locations if different GPS datum types, precision types, and elevation types are specified. Included in composite primary key	UINT NOT NULL
latitude	For 2D & 3D GPS position	DOUBLE NOT NULL
longitude	For 2D & 3D GPS position	DOUBLE NOT NULL
elevation	For 3D GPS position	DOUBLE
datum_db_site	Foreign key reference to Gps_Datum_Type.datum_db_site	HEXSTRING(16)
datum_db_id	Foreign key reference to Gps_Datum_Type.datum_db_id	UINT
datum_type_code	Foreign key reference to Gps_Datum_Type.datum_type_code	UINT
precision_db_site	Foreign key reference to Gps_Precision_Type.precision_db_site	HEXSTRING(16)
precision_db_id	Foreign key reference to Gps_Precision_Type.precision_db_id	UINT
precision_type_code	Foreign key reference to Gps_Precision_Type.precision_type_code	UINT
elevation_db_site	Foreign key reference to Gps_Elevation_Type.elevation_db_site	HEXSTRING(16)
elevation_db_id	Foreign key reference to Gps_Elevation_Type.elevation_db_id	UINT
elevation_type_code	Foreign key reference to Gps_Elevation_Type.elevation_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT

rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	geo_db_site, geo_db_id, geo_position_id, ordering_sequence	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	geo_position (geo_db_site, geo_db_id, geo_position_id)	geo_db_site, geo_db_id, geo_position_id
	gps_datum_type (datum_db_site, datum_db_id, datum_type_code)	datum_db_site, datum_db_id, datum_type_code
	gps_precision_type (precision_db_site, precision_db_id, precision_type_code)	precision_db_site, precision_db_id, precision_type_code
	gps_elevation_type (elevation_db_site, elevation_db_id, elevation_type_code)	elevation_db_site, elevation_db_id, elevation_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#352 segment_geo_position

Description: Segment Geo Position

Attribute	Description	Size/Type
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
geo_db_site	Foreign key reference to Geo_Position.geo_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
geo_db_id	Foreign key reference to Geo_Position.geo_db_id, Included in composite primary key	UINT NOT NULL
geo_position_id	Foreign key reference to Geo_Position.geo_position_id, Included in composite primary key	UINT NOT NULL
gmt_at_location	Included in composite primary key	DATETIME(19:29) NOT NULL
loc_hr_delta	Event start/stop time local hour offset from GMT	SHORT
loc_min_delta	Event strat/stop tim local minute offset from GMT	USHORT
duration	Length of time the segment remained at the geo_position	DOUBLE
dur_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (Time eng. units for duration)	HEXSTRING(16)
dur_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
dur_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, geo_db_site, geo_db_id, geo_position_id, gmt_at_location	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site,segment_id)	segment_site,segment_id
	geo_position (geo_db_site, geo_db_id, geo_position_id)	geo_db_site, geo_db_id, geo_position_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	dur_eu_db_site, dur_eu_db_id, dur_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#353 asset_geo_position

Description: Asset Geo Position

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
geo_db_site	Foreign key reference to Geo_Position.geo_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
geo_db_id	Foreign key reference to Geo_Position.geo_db_id, Included in composite primary key	UINT NOT NULL
geo_position_id	Foreign key reference to Geo_Position.geo_position_id, Included in composite primary key	UINT NOT NULL
gmt_at_location	Included in composite primary key	DATETIME(19:29) NOT NULL
loc_hr_delta	Event start/stop time local hour offset from GMT	SHORT
loc_min_delta	Event strat/stop tim local minute offset from GMT	USHORT
duration	Length of time the segment remained at the geo_position	DOUBLE
dur_eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site (Time eng. units for duration)	HEXSTRING(16)
dur_eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
dur_eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT

<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, geo_db_site, geo_db_id, geo_position_id, gmt_at_location	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site,asset_id)	asset_org_site,asset_id
	geo_position (geo_db_site, geo_db_id, geo_position_id)	geo_db_site, geo_db_id, geo_position_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	dur_eu_db_site, dur_eu_db_id, dur_eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Logistic Resource Entities

#444 logistic_resource

Description: Logistic Resource (Materiel, Labor, etc.)

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
resource_id	Included in composite primary key	UINT NOT NULL
resource_type_db_site	Foreign key reference to Logistic_Resource_Type.resource_type_db_site	HEXSTRING(16) NOT NULL
resource_type_db_id	Foreign key reference to Logistic_Resource_Type.resource_type_db_id	UINT NOT NULL
resource_type_code	Foreign key reference to Logistic_Resource_Type.resource_type_code	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site	HEXSTRING(16)
segment_id	Foreign key reference to Segment.segment_id	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id, resource_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	resource_db_site, resource_db_id

	logistic_resource_type (resource_type_db_site, resource_type_db_id, resource_type_code)	resource_type_db_site, resource_type_db_id, resource_type_code
	segment (segment_site, segment_id)	segment_site, segment_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#426 resource_child

Description: Resource Child Entity

The resource_child entity shows the parent-child relationships of resources to each other.

The mandatory ordering sequence specifies the order in which child segments appear when as application requests “all children” of a particular resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
child_resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
child_resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
child_resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
ordering_seq		UINT NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id, resource_id, child_resource_db_site, child_resource_db_id, child_resource_id	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	logistic_resource (resource_db_site, resource_db_id, resource_id)	child_resource_db_site, child_resource_db_id, child_resource_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#427 resource_num_data

Description: Resource Numeric Data Entity

This entity will hold all the current numeric data related to an resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
rsn_type_db_site	Foreign key reference to Resource_Num_Data_Type.rsn_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsn_type_db_id	Foreign key reference to Resource_Num_Data_Type.rsn_type_db_id, Included in composite primary key	UINT NOT NULL
rsn_type_code	Foreign key reference to Resource_Num_Data_Type.rsn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id, resource_id, rsn_type_db_site, rsn_type_db_id, rsn_type_code	

<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	resource_num_dat_type (rsn_type_db_site, rsn_type_db_id, rsn_type_code)	rsn_type_db_site, rsn_type_db_id, rsn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#428 resource_chr_data

Description: Resource Character Data Entity

This entity will hold all the current alpha-numeric data related to a resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
rsc_type_db_site	Foreign key reference to Resource_Chtr_Dat_Type.rsc_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsc_type_db_id	Foreign key reference to Resource_Chtr_Dat_Type.rsc_type_db_id, Included in composite primary key	UINT NOT NULL
rsc_type_code	Foreign key reference to Resource_Chtr_Dat_Type.rsc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		STRING(0:254) NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id,	

	resource_id, rsc_type_db_site, rsc_type_db_id, rsc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	resource_chr_dat_type (rsc_type_db_site, rsc_type_db_id, rsc_type_code)	rsc_type_db_site, rsc_type_db_id, rsc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#429 resource_blob_data

Description: Resource Binary Data

Attribute	Description	Size/Type
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod	USHORT

	which determines the status of this entry	
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id, resource_id, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#445 materiel_master_item

Description: Materiel Master Item (Materiel Management System Master Record) Entity

Attribute	Description	Size/Type
mm_resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
mm_resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
mm_resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site	HEXSTRING(16)
as_db_id	Foreign key reference to Asset_Type.as_db_id	UINT
as_type_code	Foreign key reference to Asset_Type.as_type_code	UINT
user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	mm_resource_db_site, mm_resource_db_id, mm_resource_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	mm_resource_db_site, mm_resource_db_id, mm_resource_id
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#415 materiel_item

Description: Materiel Item (Consummable, Part, Tool, Document, Form) Entity

Attribute	Description	Size/Type
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id, Included in composite primary key	UINT NOT NULL
mat_conn_type_code	<p>Foreign key reference to Mat_Item_Conn_Type.mat_con_type_code</p> <p>Entity which contains the type of connection this material item refers to: "Asset_Type", "Model", "Asset", or ("Material_Master_Item") which is used to identify which FK reference to use. One and only one FK matching this resource connection must be specified.</p> <p><u>mat_conn_type_code → Foreign Key</u></p> <p>1 (Asset_Type) -> as_db_site, as_db_id, as_type_code OR</p> <p>2 (Model) -> model_db_site, model_db_id, model_id OR</p> <p>3 (Asset) -> asset_org_site, asset_id</p> <p>4 (Materiel_Master_Item) -> mm_resource_db_site, mm_resource_db_id, mm_resource_id</p>	USHORT NOT NULL
as_db_site	Foreign key reference to Asset_Type.as_db_site	HEXSTRING(16)
as_db_id	Foreign key reference to Asset_Type.as_db_id	UINT
as_type_code	Foreign key reference to Asset_Type.as_type_code	UINT
model_db_site	Foreign key reference to Model.model_db_site	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id	UINT NOT NULL
model_id	Foreign key reference to Model.model_id	UINT NOT NULL
asset_org_site	Foreign key reference to Asset.asset_org_site	HEXSTRING(16)
asset_id	Foreign key reference to Asset.asset_id	UINT
mm_resource_db_site	Foreign key reference to Material_Master_Item.mm_resource_db_site	HEXSTRING(16) NOT NULL
mm_resource_db_id	Foreign key reference to Material_Master_Item.mm_resource_db_id	UINT NOT NULL
mm_resource_id	Foreign key reference to Material_Master_Item.mm_resource_id	UINT NOT NULL

user_tag_ident	Short user-defined tag/identifier	STRING(0:254) NOT NULL
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	resource_db_site, resource_db_id, resource_id	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	mat_item_conn_type (mat_conn_type_code)	mat_conn_type_code
	asset_type (as_db_site, as_db_id, as_type_code)	as_db_site, as_db_id, as_type_code
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	materiel_master_item (mm_resource_db_site, mm_resource_db_id, mm_resource_id)	mm_resource_db_site, mm_resource_db_id, mm_resource_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#487 valid_model_for_mat_item

Description: Valid Models for Materiel Item For a Given Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Materiel_Item.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Materiel_Item.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Materiel_Item.resource_id, Included in composite primary key	UINT NOT NULL
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
gmt_valid_start	Valid starting, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_valid_end	Valid ending	
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	

	db_site, db_id, resource_db_site, resource_db_id, resource_id, model_db_site, model_db_id, model_id, gmt_valid_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	materiel_item (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Table of Contents

Alphabetical Listing

Numerical Listing

#488 valid_mat_item_on_sg

Description: Valid Materiel Item for Segment For a Given Database

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Site_Database.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Site_Database.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Materiel_Item.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Materiel_Item.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Materiel_Item.resource_id, Included in composite primary key	UINT NOT NULL
gmt_valid_start	Valid starting, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_valid_end	Valid ending	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id,	

	gmt_valid_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	site_database (db_site, db_id)	db_site, db_id
	segment (segment_site, segment_id)	segment_site, segment_id
	materiel_item (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#490 valid_mat_item_on_sg_num_data

Description: Valid Materiel Item on Segment Numeric Data Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Valid_Mat_Item_On_Sg.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Valid_Mat_Item_On_Sg.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Valid_Mat_Item_On_Sg.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Valid_Mat_Item_On_Sg.segment_id, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_id, Included in composite primary key	UINT NOT NULL
gmt_valid_start	Foreign key reference to Valid_Mat_Item_On_Sg.gmt_valid_start, Included in composite primary key	DATETIME(19:29) NOT NULL
rsn_type_db_site	Foreign key reference to Resource_Num_Dat_Type.rsn_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsn_type_db_id	Foreign key reference to Resource_Num_Dat_Type.rsn_type_db_id, Included in composite primary key	UINT NOT NULL
rsn_type_code	Foreign key reference to Resource_Num_Dat_Type.rsn_type_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)

last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start, rsn_type_db_site, rsn_type_db_id, rsn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	valid_mat_item_on_sg (db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start)	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start
	resource_num_dat_type (rsn_type_db_site, rsn_type_db_id, rsn_type_code)	rsn_type_db_site, rsn_type_db_id, rsn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#555 valid_mat_item_on_sg_chr_data

Description: Valid Materiel Item on Segment Character Data Entity

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
db_site	Foreign key reference to Valid_Mat_Item_On_Sg.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Valid_Mat_Item_On_Sg.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Valid_Mat_Item_On_Sg.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Valid_Mat_Item_On_Sg.segment_id, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_id, Included in composite primary key	UINT NOT NULL
gmt_valid_start	Foreign key reference to Valid_Mat_Item_On_Sg.gmt_valid_start, Included in composite primary key	DATETIME(19:29) NOT NULL
rsc_type_db_site	Foreign key reference to Resource_Chr_Dat_Type.rsc_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsc_type_db_id	Foreign key reference to Resource_Chr_Dat_Type.rsc_type_db_id, Included in composite primary key	UINT NOT NULL
rsc_type_code	Foreign key reference to Resource_Chr_Dat_Type.rsc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this	HEXSTRING(16)

	entry	
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start, rsc_type_db_site, rsc_type_db_id, rsc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	valid_mat_item_on_sg (db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start)	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start
	resource_chr_dat_type (rsc_type_db_site, rsc_type_db_id, rsc_type_code)	rsc_type_db_site, rsc_type_db_id, rsc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#556 valid_mat_item_on_sg_blob_data

Description: Valid Materiel Item on Segment Binary Data Entity

Attribute	Description	Size/Type
db_site	Foreign key reference to Valid_Mat_Item_On_Sg.db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
db_id	Foreign key reference to Valid_Mat_Item_On_Sg.db_id, Included in composite primary key	UINT NOT NULL
segment_site	Foreign key reference to Valid_Mat_Item_On_Sg.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Valid_Mat_Item_On_Sg.segment_id, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_db_id, Included in composite primary key	UINT NOT NULL
resource_id	Foreign key reference to Valid_Mat_Item_On_Sg.resource_id, Included in composite primary key	UINT NOT NULL
gmt_valid_start	Foreign key reference to Valid_Mat_Item_On_Sg.gmt_valid_start, Included in composite primary key	DATETIME(19:29) NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the	STRING(0:254)

	blob if it is to be extracted into a file.	
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	valid_mat_item_on_sg (db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start)	db_site, db_id, segment_site, segment_id, resource_db_site, resource_db_id, resource_id, gmt_valid_start
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

Table of Contents

Alphabetical Listing

Numerical Listing

#446 ord_list_resource

Description: Ordered List Resource Item (A Resource Item [Materiel Item or Labor Item] Entry with the Quantity on an Ordered List [Bill of Material, Bill of Labor, etc.])

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Unique Sequence Number on Ordered List, Included in composite primary key	UINT NOT NULL
resource_db_site	Foreign key reference to Logistic_Resource.resource_db_site	HEXSTRING(16) NOT NULL
resource_db_id	Foreign key reference to Logistic_Resource.resource_db_id	UINT NOT NULL
resource_id	Foreign key reference to Logistic_Resource.resource_id	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
quantity	Number of items or Amount of material	DOUBLE
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16)
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id,	

	ord_list_id, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	logistic_resource (resource_db_site, resource_db_id, resource_id)	resource_db_site, resource_db_id, resource_id
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#447 ord_list_resource_num_data

Description: Ordered List Resource Item Numeric Data Entity

This entity will hold all the current numeric data related to a resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List_Resource.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List_Resource.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List_Resource.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Unique Sequence Number on Ordered List, Included in composite primary key	UINT NOT NULL
rsn_type_db_site	Foreign key reference to Resource_Num_Dat_Type.rsn_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsn_type_db_id	Foreign key reference to Resource_Num_Dat_Type.rsn_type_db_id, Included in composite primary key	UINT NOT NULL
rsn_type_code	Foreign key reference to Resource_Num_Dat_Type.rsn_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id,	

	ordering_seq, rsn_type_db_site, rsn_type_db_id, rsn_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ord_list_resource (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq
	resource_num_dat_type (rsn_type_db_site, rsn_type_db_id, rsn_type_code)	rsn_type_db_site, rsn_type_db_id, rsn_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#448 ord_list_resource_chr_data

Description: Ordered List Resource Item Character Data Entity

This entity will hold all the current numeric data related to a resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List_Resource.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List_Resource.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List_Resource.ord_list_id, Included in composite primary key	UINT NOT NULL
ordering_seq	Unique Sequence Number on Ordered List, Included in composite primary key	UINT NOT NULL
rsc_type_db_site	Foreign key reference to Resource_Character_Data_Type.rsc_type_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
rsc_type_db_id	Foreign key reference to Resource_Character_Data_Type.rsc_type_db_id, Included in composite primary key	UINT NOT NULL
rsc_type_code	Foreign key reference to Resource_Character_Data_Type.rsc_type_code, Included in composite primary key	UINT NOT NULL
eu_db_site	Foreign key reference to Eng_Unit_Type.eu_db_site	HEXSTRING(16) NOT NULL
eu_db_id	Foreign key reference to Eng_Unit_Type.eu_db_id	UINT NOT NULL
eu_type_code	Foreign key reference to Eng_Unit_Type.eu_type_code	UINT NOT NULL
data_value		DOUBLE NOT NULL
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id,	

	ordering_seq, rsc_type_db_site, rsc_type_db_id, rsc_type_code	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ord_list_resource (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq)	ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq
	resource_chr_dat_type (rsc_type_db_site, rsc_type_db_id, rsc_type_code)	rsc_type_db_site, rsc_type_db_id, rsc_type_code
	eng_unit_type (eu_db_site, eu_db_id, eu_type_code)	eu_db_site, eu_db_id, eu_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#449 ord_list_resource_blob_data

Description: Ordered List Resource Item Binary Data Entity

This entity will hold all the current binary data related to a resource.

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
ord_list_db_site	Foreign key reference to Ordered_List_Resource.ord_list_db_site , Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List_Resource.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List_Resource.ord_list_id, Included in composite primary key	UINT NOT NULL
ord_list_ord_seq	Unique Sequence Number on Ordered List, Included in composite primary key	UINT NOT NULL
bd_db_site	Foreign key reference to Blob_Data_Type.bd_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
bd_db_id	Foreign key reference to Blob_Data_Type.bd_db_id, Included in composite primary key	UINT NOT NULL
bd_type_code	Foreign key reference to Blob_Data_Type.bd_type_code, Included in composite primary key	UINT NOT NULL
ordering_seq	Included in composite primary key	UINT NOT NULL
blct_db_site	Foreign key reference to Blob_Content_Type.blct_db_site	HEXSTRING(16) NOT NULL
blct_db_id	Foreign key reference to Blob_Content_Type.blct_db_id	UINT NOT NULL
blc_type_code	Foreign key reference to Blob_Content_Type.blc_type_code	UINT NOT NULL
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
assoc_file_name	The Uniform Resource Locator (URL), pointing to actual location of BLOB file if no data is present in image_data attribute. If data is present in image_data, then this attribute provides a default name for the blob if it is to be extracted into a file.	STRING(0:254)
image_data	Binary data stored in BASE64 format	BASE64BINARY
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to	UINT

	Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	ord_list_db_site, ord_list_db_id, ord_list_id, ord_list_ord_seq, bd_db_site, bd_db_id, bd_type_code, ordering_seq	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	ord_list_resource (ord_list_db_site, ord_list_db_id, ord_list_id, ordering_seq)	ord_list_db_site, ord_list_db_id, ord_list_id, ord_list_ord_seq
	blob_data_type (bd_db_site, bd_db_id, bd_type_code)	bd_db_site, bd_db_id, bd_type_code
	blob_content_type (blct_db_site, blct_db_id, blc_type_code)	blct_db_site, blct_db_id, blc_type_code
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

#573 sg_config_ord_list_history

Description: Tracks Ordered Lists such as Bill of Materiel Associated with a Segment Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
segment_site	Foreign key reference to Segment.segment_site, Included in composite primary key	HEXSTRING(16) NOT NULL
segment_id	Foreign key reference to Segment.segment_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when valid, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time valid	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	segment_site, segment_id, ord_list_db_site, ord_list_db_id, ord_list_id, gmt_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	segment (segment_site, segment_id)	segment_site, segment_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#574 as_config_ord_list_history

Description: Tracks Ordered Lists such as Bill of Materiel Associated with an Asset Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
asset_org_site	Foreign key reference to Asset.asset_org_site, Included in composite primary key	HEXSTRING(16) NOT NULL
asset_id	Foreign key reference to Asset.asset_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when valid, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time valid	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	asset_org_site, asset_id, ord_list_db_site, ord_list_db_id, ord_list_id, gmt_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>
	asset (asset_org_site, asset_id)	asset_org_site, asset_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

#575 md_config_ord_list_history

Description: Tracks Ordered Lists such as Bill of Materiel Associated with a Model Throughout Its Life

<u>Attribute</u>	<u>Description</u>	<u>Size/Type</u>
model_db_site	Foreign key reference to Model.model_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
model_db_id	Foreign key reference to Model.model_db_id, Included in composite primary key	UINT NOT NULL
model_id	Foreign key reference to Model.model_id, Included in composite primary key	UINT NOT NULL
ord_list_db_site	Foreign key reference to Ordered_List.ord_list_db_site, Included in composite primary key	HEXSTRING(16) NOT NULL
ord_list_db_id	Foreign key reference to Ordered_List.ord_list_db_id, Included in composite primary key	UINT NOT NULL
ord_list_id	Foreign key reference to Ordered_List.ord_list_id, Included in composite primary key	UINT NOT NULL
gmt_start	Starting time when valid, Included in composite primary key	DATETIME(19:29) NOT NULL
gmt_end	Ending time valid	DATETIME(19:29)
user_tag_ident	Short user-defined tag/identifier	STRING(0:254)
name	Full user-defined name/description	STRING(0:254)
gmt_last_updated	UTC/GMT timestamp for the last change to this record	DATETIME(19:29)
last_upd_db_site	Foreign key reference to Site_Database.db_site which identifies the database creating/updating/soft deleting this entry	HEXSTRING(16)
last_upd_db_id	Foreign key reference to Site_Database.db_id which identifies the database creating/updating/soft deleting this entry	UINT
rstat_type_code	Foreign key reference to Row_Status_Type.rstat_type_cod which determines the status of this entry	USHORT
<u>Primary Key</u>	<u>Attribute(s)</u>	
	model_db_site, model_db_id, model_id, ord_list_db_site, ord_list_db_id, ord_list_id, gmt_start	
<u>Foreign Keys</u>	<u>Foreign Entity (Attribute(s))</u>	<u>Attribute(s)</u>

	model (model_db_site, model_db_id, model_id)	model_db_site, model_db_id, model_id
	ordered_list (ord_list_db_site, ord_list_db_id, ord_list_id)	ord_list_db_site, ord_list_db_id, ord_list_id
	site_database (db_site, db_id)	last_upd_db_site, last_upd_db_id
	row_status_type (rstat_type_cod)	rstat_type_code

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Numerical Entity Cross Reference

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
1	enterprise_type	Enterprise Type	20
2	enterprise	Enterprise	135
3	site_type	Site Type	21
4	site_type_child	Site Type Child	22
5	mim_access_type	MIMOSA OSA-EAI Server Applications Access Type	24
6	request	Request	569
7	amb_set_type	Ambiguity Set Type	98
8	log_connector_type	Logical Connector Type	99
9	ev_chr_data_type	Segment/Asset Event or Alarm Character Data Type	100
10	mloc_num_data_type	Measurement Location Numeric Data Type	101
11	mloc_chr_data_type	Measurement Location Character Data Type	102
12	row_status_type	Row Status Type Code	25
13	site	Site	138
15	site_database	Site Database	142
16	manufacturer	Manufacturer	26
17	segment_type	Service Segment Type	28
18	segment	Segment	147
19	segment_child	Segment Child	149
22	ref_unit_type	Reference Unit Type	33
23	eng_unit_type	Engineering Unit Type	34
24	eng_unit_enum	Engineering Unit Enumerated List	35
25	sg_num_dat_type	Segment Numeric Data Type	36
26	sg_chr_dat_type	Segment Character Data Type	37
27	segment_num_data	Segment Numeric Data	150
28	segment_chr_data	Segment Character Data	152
29	sg_as_event_type	Segment/Asset Event Type	38
30	segment_event	Segment Event	210
31	asset_type	Asset Type	39
32	model	Model/Make-Model/Manufacturer Product/Part Entity	157
33	as_num_dat_type	Asset Numeric Data Type	44
34	as_chr_dat_type	Asset Character Data Type	45
35	model_num_data	Model Numeric Data	161
36	model_chr_data	Model Character Data	163
37	asset	Asset	167
38	asset_child	Asset Child	170
41	asset_num_data	Asset Numeric Data	171
42	asset_chr_data	Asset Character Data	173
43	asset_event	Asset Event	212
44	asset_on_segment	Asset on Segment History	177
45	asset_owner	Asset Owner History	180
46	tr_axis_dir_type	Transducer Sensitive Axis Direction Type	46
47	meas_location	Measurement Location Entity	238
48	ordered_list	Ordered List	293
49	meas_loc_list	Ordered List of Measurement Locations	302
50	mloc_unit_list	Ordered List of Engineering Units at	303

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Measurement Locations	
51	data_source_type	Data Source Type	47
52	data_source	Data Source Asset Entity	235
53	trans_type	Transducer Type	48
54	transducer	Transducer Asset	236
55	meas_loc_type	Measurement Location Type	49
56	meas_event	Measurement Event History	250
57	meas_event_rem	Measurement Event Remarks	253
58	mevent_num_data	Measurement Event Numeric Data	256
59	mevent_chr_data	Measurement Event Character Data	261
61	alarm_type	Alarm Type	51
63	mevent_num_alarm	Measurement Event Numeric Data Alarm Entity	336
64	signal_proc_type	Signal Process Type	52
65	signal_proc_blk	Signal Process Block	267
66	sp_num_dat_type	Signal Process Block Numeric Data Type	53
67	sp_blk_num_data	Signal Process Block Numeric Data	268
68	sp_stream	Signal Process Stream Entity	270
69	sp_stream_block	Signal Process Stream Blocks	271
70	average_type	Average Type	54
71	ave_weight_type	Average Weight Type	55
72	ave_synch_type	Average Synchronization Type	56
73	src_detect_type	Source Signal Detector Type	57
74	post_scaling_type	Post-processed Signal Processing Scaling Mode Type	58
75	sp_ampl_data	Signal-Processed Frequency/Order Single Amplitude/Vector Data	273
79	sp_ampl_alarm	Signal-Processed Frequency/Order Single Amplitude Data Alarm	340
80	window_type	Window Type	59
81	sp_fft_data	Signal-Processed, Real/Complex Linear Frequency/Order FFT Spectrum Data	275
83	sp_time_data	Signal-Processed, Real/Complex Linear Time Waveform Data	278
85	sp_cpb_data	Signal-Processed, Real Linear Constant Percentage Band Spectrum	281
88	data_qual_type	Data Quality Type	60
89	sp_ampl_setup	Collection Setup Parameters for Signal-Processed Frequency/Order Single Amplitude/Vector Data	305
90	sp_fft_setup	Collection Setup Parameters for Signal-Processed Real/Complex Linear Frequency/Order FFT Spectrum Data	309
91	sp_time_setup	Collection Setup Parameters for Signal-Processed Real/Complex Linear Linear Time Waveform Data	313
92	sp_cpb_setup	Collection Setup Parameters for Signal-Processed Real Linear Constant Percentage Band Data	317
93	mloc_ulist_sp_ampl	Collection Setup Parameters Needed to Collect Amplitude Data in the Ordered List of	307

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Engineering Units at Measurement Locations	
94	mloc_ulist_sp_fft	Collection Setup Parameters Needed to Collect FFT Spectrum Data in the Ordered List of Engineering Units at Measurement Locations	311
95	mloc_ulist_sp_time	Collection Setup Parameters Needed to Collect Time Waveform Data in the Ordered List of Engineering Units at Measurement Locations	315
96	mloc_ulist_sp_cpb	Collection Setup Parameters Needed to Collect CPB Spectrum Data in the Ordered List of Engineering Units at Measurement Locations	319
97	model_child	Model/Part Child	159
98	segment_type_child	Segment Type Child	29
99	asset_type_child	Asset Type Child	40
100	meas_event_assoc	Measurement Event Associations	254
107	ev_num_data_type	Segment/Asset Event Numeric Data Type	63
108	work_task_type	Work Task Types	64
109	agent_type	Agent Type	66
110	agent_role_type	Agent Role Type	67
111	sg_event_num_data	Segment Event Numeric Data	218
113	as_event_num_data	Asset Event Numeric Data	220
117	agent	Agent	183
118	agent_role	Agent Roles	184
119	work_audit_type	Work Audit Type	68
120	blob_alarm	Measurement Event BLOB Data Alarm	344
121	event_type_child	Event Type Child	69
122	meas_sample_test	Obsolete/Deprecated Entity from CRIS V3.1	17
127	segment_health	Segment Health Assessment For Past/Present/Future	475
128	work_manage_type	Work Management Types	72
129	asset_health	Asset Health Assessment For Past/Present/Future	477
130	sg_rec_remark	Segment Recommendation Remarks	507
131	as_rec_remark	Asset Recommendation Remarks	508
134	sg_req_for_work	Request for Work for Segment	587
135	as_req_for_work	Request for Work for Asset	590
136	work_request	Work Request	596
139	work_order	Work Order	619
140	work_order_step	Obsolete/Deprecated Entity from CRIS V3.1	17
141	wo_step_work_req	Obsolete/Deprecated Entity from CRIS V3.1	17
144	sg_completed_work	Completed Work Tasks For Segments	656
145	as_completed_work	Completed Work Tasks For Assets	658
146	sg_remaining_life	Segment Remaining Life Assessment For Past/Present/Future	479
147	as_remaining_life	Asset Remaining Life Assessment For Past/Present/Future	481
148	ol_req_for_work	Request for Work for Ordered List/Route	593
150	wtask_type_child	Work Task Type Child	74
151	change_patt_type	Change Pattern Type	76
152	segment_event_link	Segment Event Cause/Effect Links in an Event Causal Network	214
153	asset_event_link	Asset Event Cause/Effect Links in an Event	216

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Causal Network	
159	work_order_child	Relationship of Master Parent Work Order to Follow-on Work Orders	622
160	sample_test_type	Obsolete/Deprecated Entity from CRIS V3.1	17
161	test_result_ntype	Obsolete/Deprecated Entity from CRIS V3.1	17
162	blob_data_type	BLOB Data Type	77
163	meas_sample_child	Measurement Sample Child	358
164	test_num_results	Measurement Sample Test Numeric Results	17
165	mevent_blob_data	Measurement Event Binary Data	263
166	meas_sample	Measurement Sample	357
167	test_result_btype	Obsolete/Deprecated Entity from CRIS V3.1	17
168	test_blob_results	Obsolete/Deprecated Entity from CRIS V3.1	17
170	work_num_data_type	Work Numeric Data Type	78
171	work_chr_data_type	Work Character Data Type	79
172	work_req_num_data	Work Request Numeric Data	599
173	work_req_chr_data	Work Request Character Data	601
174	work_request_audit	Work Request Audit	605
175	work_order_num_data	Work Order Numeric Data	624
176	work_order_chr_data	Work Order Numeric Data	626
177	work_order_audit	Work Order Audit	630
178	wo_step_num_data	Obsolete/Deprecated Entity from CRIS V3.1	17
179	wo_step_chr_data	Obsolete/Deprecated Entity from CRIS V3.1	17
180	wo_step_audit	Obsolete/Deprecated Entity from CRIS V3.1	17
181	solution_package	Package of Pre-defined Work and Associated Information to Be Done Based On a Need	548
182	solution_pack_type	Solution Package Type	80
183	work_req_sol_pack	Obsolete/Deprecated Entity from CRIS V3.1	17
184	sg_recommendation	Segment Recommendation	498
185	as_recommendation	Asset Recommendation	500
186	work_req_sg_recomm	Associated Segment Recommendations for a Work Request	615
187	ol_completed_work	Completed Work Tasks For Ordered Lists	660
188	segment_blob_data	Segment Binary Data Related To a Specific Database	154
189	asset_blob_data	Asset Binary Data Related To a Specific Database	175
190	olist_blob_data	Obsolete/Deprecated Entity from CRIS V3.1	17
191	test_nres_alarm	Obsolete/Deprecated Entity from CRIS V3.1	17
192	test_bres_alarm	Obsolete/Deprecated Entity from CRIS V3.1	17
197	work_req_as_recomm	Associated Asset Recommendations for a Work Request	617
201	wo_step_sg_recomm	Obsolete/Deprecated Entity from CRIS V3.1	17
202	wo_step_as_recomm	Obsolete/Deprecated Entity from CRIS V3.1	17
208	sg_rec_sg_event	Actual Segment Events Linked to Segment Recommendations	535
209	as_rec_as_event	Actual Asset Events Linked to Asset Recommendations	537
212	sample_ndata_type	Sample Numeric Data Type	81
213	sample_num_data	Measurement Sample Numeric Data	360
214	test_histogram	Obsolete/Deprecated Entity from CRIS V3.1	17
215	mim_tech_type	Types of MIMOSA Technology	82

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
216	mim_support_type	MIMOSA Support Levels	83
217	mim_data_cat_type	MIMOSA Data Categories	84
220	model_blob_data	Model Binary Data Related To a Specific Database	165
221	blob_grid_data	Blob Grid Data	265
223	agent_role_with_agent	Agent in Defined Role with Associated Agent	186
224	sg_type_blob_data	Segment Type Binary Data Related To a Specific Database	31
225	as_type_blob_data	Asset Type Binary Data Related To a Specific Database	42
226	segment_function	Function Codes, Descriptions of a Service Segment	372
227	asset_function	Function Codes, Descriptions of an Asset	373
228	sg_ev_sg_func_link	Segment Events Linked to Functions Affected	470
229	as_ev_as_func_link	Asset Events Linked to Functions Affected	472
230	sg_hyp_event	Hypothetical Segment Events/Possible Failure Modes/Possible Failure Mechanisms	380
231	as_hyp_event	Hypothetical Asset Events/Possible Failure Modes/Possible Failure Mechanisms	382
232	sg_hyp_event_link	Hypothetical Segment Event Cause/Effect Links in an Event Causal Network	394
233	as_hyp_event_link	Hypothetical Asset Event Cause/Effect Links in an Event Causal Network	396
234	sg_hyp_ev_num_data	Segment Hypothetical Event Numeric Data	404
235	as_hyp_ev_num_data	Asset Hypothetical Event Numeric Data	406
236	sg_hyp_ev_sg_func	Segment Hypothetical Events Linked to Functions Affected	414
237	as_hyp_ev_as_func	Asset Hypothetical Events Linked to Functions Affected	416
240	sg_typ_hyp_event	Hypothetical Segment Type Events/Possible Failure Modes/Possible Failure Mechanisms	374
241	as_typ_hyp_event	Hypothetical Asset Type Events/Possible Failure Modes/Possible Failure Mechanisms	376
242	sg_typ_hyp_ev_link	Hypothetical Segment Type Event Cause/Effect Links in an Event Causal Network	388
243	as_typ_hyp_ev_link	Hypothetical Asset Type Event Cause/Effect Links in an Event Causal Network	390
244	sg_typ_hyp_ev_num_data	Segment Type Hypothetical Event Numeric Data	398
245	as_typ_hyp_ev_num_data	Asset Type Hypothetical Event Numeric Data	400
246	model_hyp_event	Hypothetical Model Events/Possible Failure Modes/Possible Failure Mechanisms	378
247	model_hyp_ev_link	Hypothetical Model Event Cause/Effect Links in an Event Causal Network	392
248	model_hyp_ev_num_data	Model Hypothetical Event Numeric Data	402
250	sg_proposed_event	Proposed Past/Present/Future Segment Events including Diagnostic/Prognostic Event Outputs	429
251	as_proposed_event	Proposed Past/Present/Future Asset Events including Diagnostic/Prognostic Event Outputs	431
252	sg_prop_ev_link	Proposed Segment Event Cause/Effect Links in an Event Causal Network	439

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
253	as_prop_ev_link	Proposed Asset Event Cause/Effect Links in an Event Causal Network	441
254	sg_prop_ev_ndat	Segment Proposed Event Numeric Data	443
255	as_prop_ev_ndat	Asset Proposed Event Numeric Data	445
256	sg_prop_ev_hyp_ev	Proposed Segment Events Linked to Hypothetical Segment Events	455
257	as_prop_ev_hyp_ev	Proposed Asset Events Linked to Hypothetical Asset Events	457
258	sg_prop_ev_sg_ev	Proposed Segment Events Linked to Actual Segment Events - Event Evidence Link	458
259	as_prop_ev_as_ev	Proposed Asset Events Linked to Actual Asset Events - Event Evidence Link	460
261	sp_stream_type	Signal Process Stream Type	85
262	sg_prop_ev_sg_func	Proposed Segment Events Linked to Functions Affected	462
263	as_prop_ev_as_func	Proposed Asset Events Linked to Functions Affected	464
264	sg_type_function	Function Codes, Descriptions of a Service Segment Type	366
265	as_type_function	Function Codes, Descriptions of an Asset Type	368
266	sg_typ_hyp_ev_func	Segment Type Hypothetical Events Linked to Functions Affected	408
267	as_typ_hyp_ev_func	Asset Type Hypothetical Events Linked to Functions Affected	410
268	model_function	Function Codes, Descriptions of a Model	370
269	model_hyp_ev_func	Model Hypothetical Events Linked to Functions Affected	412
270	sg_rec_sg_hyp_ev	Hypothetical Service Segment Events Linked to Segment Recommendations	527
271	as_rec_as_hyp_ev	Hypothetical Asset Events Linked to Asset Recommendations	529
272	sg_rec_sg_prop_ev	Proposed Service Segment Events Linked to Segment Recommendations	531
273	as_rec_as_prop_ev	Proposed Asset Events Linked to Asset Recommendations	533
274	sg_type_recomm	Segment Type Recommendation - Purpose is To Be Associated With Hypothesized Events	492
275	as_type_recomm	Asset Type Recommendation - Purpose is to be Associated With Hypothesized Events	494
276	model_recomm	Model Recommendation - Purpose is to be Associated With Hypothesized Events	496
277	sg_type_rec_remark	Segment Type Recommendation Remarks	504
278	as_type_rec_remark	Asset Type Recommendation Remarks	505
279	model_rec_remark	Model Recommendation Remarks	506
280	sg_type_rec_hyp_ev	Hypothetical Segment Events Linked to Segment Type Recommendations	521
281	as_type_rec_hyp_ev	Hypothetical Asset Events Linked to Asset Type Recommendations	523
282	model_rec_hyp_ev	Hypothetical Model Events Linked To Model Recommendations	525
283	network_type	Network Type	86
284	network	Network	189

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
285	test_chr_results	Obsolete/Deprecated Entity from CRIS V3.1	17
286	test_result_ctype	Obsolete/Deprecated Entity from CRIS V3.1	17
287	test_remark	Obsolete/Deprecated Entity from CRIS V3.1	17
288	sample_chr_data	Measurement Sample Character Data	362
289	sample_remark	Measurement Sample Remark	364
290	sample_cdata_type	Sample Character Data	87
291	mevent_blob_type	Measurement Event Binary Large Object Type	88
292	highlight_type	Highlight Type	89
293	blob_area_alarm	Measurement Event BLOB Data Area in Alarm	346
294	sg_ev_meas_event	Segment Events Associated With Measurement Events Which Substantiate the Actual Event	230
295	as_ev_meas_event	Asset Events Associated With Measurement Events Which Substantiate the Actual Event	232
296	sg_prop_ev_meas_ev	Proposed Segment Events Associated With Measurement Events Which Substantiate the Proposed Event - Measurement Evidence Link	466
297	as_prop_ev_meas_ev	Proposed Asset Events Associated With Measurement Events Which Substantiate the Proposed Event - Measurement Evidence Link	468
298	sg_health_sg_event	Actual Segment Events Associated With Segment Health Which Substantiate the Health Assessment	483
299	as_health_as_event	Actual Asset Events Associated With Asset Health Which Substantiate the Health Assessment	485
300	sg_health_sg_prop_ev	Proposed Segment Events Associated With Segment Health Which Substantiate the Health Assessment	487
301	as_health_as_prop_ev	Proposed Asset Events Associated With Asset Health Which Substantiate the Health Assessment	489
302	sg_rec_sg_health	Segment Health Assessment Linked to Segment Recommendations	539
303	as_rec_as_health	Asset Health Assessment Linked to Asset Recommendations	541
304	sg_rec_mevent	Measurement Events Linked to Segment Recommendations	543
305	as_rec_mevent	Proposed Asset Events Linked to Asset Recommendations	545
308	sg_network_connect	Segment Network Connection	192
309	as_network_connect	Asset Network Connection	194
310	mloc_test_alrm_rg	Obsolete/Deprecated Entity from CRIS V3.1	17
311	sg_rec_blob	Binary Data Related to a Segment Recommendation	517
312	as_rec_blob	Binary Data Related to an Asset Recommendation	519
313	sg_type_rec_blob	Binary Data Related to a Segment Type Recommendation	511
314	as_type_rec_blob	Binary Data Related to an Asset Type Recommendation	513
315	model_rec_blob	Binary Data Related to a Model	515

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Recommendation	
316	ol_recommendation	Ordered List Recommendation	502
317	num_alarm_reg	Measurement Location Numeric Alarm Regions	322
318	num_al_assoc_reg	Numeric Alarm Associated Regions in Alarm	338
319	spa_alarm_reg	Signal-processed Amplitudes Alarm Regions	330
320	spa_al_assoc_reg	Signal-Processed Amplitude Associated Regions in Alarm	342
321	test_al_assoc_reg	Obsolete/Deprecated Entity from CRIS V3.1	17
322	ol_rec_remark	Ordered List Recommendation Remarks	509
323	purchase_cond_type	Purchase Condition Type	90
324	as_readiness_type	Asset Readiness Type	91
325	mloc_calc_type	Measurement Location Data Collection Type	92
326	mim_func_type	MIMOSA Functionality Type	93
327	mim_interface_type	MIMOSA Interface Type	94
328	db_mim_interface	MIMOSA Interfaces Supported By A Database	143
329	mloc_type_child	Measurement Location Type Child	95
330	as_sol_pack	Associated Solution Packages for an Asset	566
331	sg_sol_pack	Associated Solution Packages for a Segment	567
332	ol_sol_pack	Associated Solution Packages for an Ordered List	568
333	blob_content_type	Blob Content Type	97
334	meas_loc_assoc	Measurement Location Association	248
336	sg_hyp_ev_amb_set	Segment Hypothetical Event Ambiguity Set	384
337	sg_hyp_ev_log_conn	Segment Hypothetical Event Logical Connector	386
338	sg_prop_ev_amb_set	Segment Proposed Event Ambiguity Set	433
339	sg_prop_ev_log_conn	Segment Proposed Event Logical Connector	435
340	sg_pr_ev_amb_set_sg_ev	Segment Proposed Event Ambiguity Set Associated with Segment Events which Substantiate the Set	437
341	num_al_reg_num_data	Numeric Alarm Associated Regions Numeric Data	324
342	num_al_reg_chr_data	Numeric Alarm Associated Regions Character Data	326
343	num_al_reg_blob_data	Numeric Alarm Associated Regions Blob Data	328
344	meas_loc_num_data	Measurement Location Numeric Data	242
345	meas_loc_chr_data	Measurement Location Character Data	244
346	meas_loc_blob_data	Measurement Location Blob Data	246
347	geo_position	Geo Position	723
348	gps_datum_type	GPS Datum Types	103
349	gps_precision_type	GPS Precision Types	104
350	gps_elevation_type	GPS Elevation Types	105
351	gps_location	GPS Location	724
352	segment_geo_position	Segment Geo Position	726
353	asset_geo_position	Asset Geo Position	728
354	severity_level_type	Severity Level Type	50
355	health_level_type	Health Level Type	61
356	priority_level_type	Priority Level Type	62
357	sg_event_chr_data	Segment Event Character Data	222
358	as_event_chr_data	Asset Event Character Data	224
401	logistic_resource_type	Logistic Resource Type Entity	106

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
402	mat_item_conn_type	Materiel Item Connection Type	110
403	resource_num_dat_type	Resource Numeric Data Type	111
404	resource_chr_dat_type	Resource Character Data Type	112
415	materiel_item	Consummable, Part, Tool, Document, Form	742
426	resource_child	Resource Child Entity	733
427	resource_num_data	Resource Numeric Data Entity	735
428	resource_chr_data	Resource Character Data Entity	737
429	resource_blob_data	Resource Binary Data	739
444	logistic_resource	Logistic Resource Materiel, Labor, etc.	731
445	materiel_master_item	Materiel Management System Master Record	741
446	ord_list_resource	Ordered List Resource Item	754
447	ord_list_resource_num_data	Ordered List Resource Item Numeric Data Entity	756
448	ord_list_resource_chr_data	Ordered List Resource Item Character Data Entity	758
449	ord_list_resource_blob_data	Ordered List Resource Item Binary Data Entity	760
450	request_ord_list_needed	Pre-work Ordered List Needed for a Segment Request for Work, Asset Request for Work and Ordered List Request For Work	577
453	sg_event_blob_data	Segment Event Binary Data Entity	226
454	as_event_blob_data	Asset Event Binary Data Entity	228
455	sg_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	672
456	sg_completed_work_num_data	Segment Completed Work Numeric Data	664
457	sg_completed_work_chr_data	Segment Completed Work Character Data	666
458	sg_completed_work_blob_data	Segment Completed Work Binary Data Entity	668
459	sg_completed_work_for_sg_event	Segment Completed Work For Segment Event	678
460	sg_completed_work_asset_util	Segment Completed Work Associated Asset Utilized	662
461	sg_completed_work_olist_used	In-work Ordered List Used for Segment Completed Work	670
462	ord_list_num_dat_type	Ordered List Numeric Data Type	113
463	ord_list_chr_dat_type	Ordered List Character Data Type	114
464	ord_list_num_data	Ordered List Numeric Data	296
465	ord_list_chr_data	Ordered List Character Data	298
466	ord_list_blob_data	Ordered List Binary Data	300
467	ordered_list_type	Ordered List Type	115
468	test_type	Test Type	117
469	test_comp_type	Test Component Type	120
470	test_comp_group_type	Test Component Group Type	124
471	mloc_test_comp_alarm_rg	Setup in a given Database for a Measurement Location of the Numeric Alarm Regions in a Database for a Type of Component on a Type of Test	333
472	test	Information about a Test performed at a Measurement Location	284
473	test_component	Information about a Component of a Test	286
474	test_comp_group	Information about a Group of Components for a Test	288
475	test_comp_in_group	Test Components in a Test Component Group	290
476	test_comp_alarm	Test Component Alarms	350

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
477	test_comp_alarm_assoc_mloc_rg	Test Component Alarm's Associated Meas. Location Setup Alarm Regions	352
478	test_comp_alarm_rg	Numeric Alarm Regions for a Component on a Test	348
479	test_comp_alarm_assoc_num_rg	Test Component Alarm's Associated Regions in Alarm	354
481	valid_as_type_on_sg_type	Valid Asset Types Which Can Be Utilized On Segment Types For a Given Database	144
482	asset_model_history	Tracks the Models An Asset Was Associated With Throughout Its Life	179
483	segment_config_network_history	Tracks Networks A Segment Was Associated With Throughout Its Life	202
484	model_config_network_history	Tracks Valid Networks A Model Was Associated With Throughout Its Life	204
485	asset_config_network_history	Tracks Valid Networks An Asset Was Associated With Throughout Its Life	206
486	criticality_scale_type	Criticality Scale Type	125
487	valid_model_for_mat_item	Valid Models for Materiel Item For a Given Database	744
488	valid_mat_item_on_sg	Valid Materiel Item for Segment For a Given Database	746
490	valid_mat_item_on_sg_num_data	Valid Materiel Item on Segment Numeric Data Entity	748
491	eng_study_code	Engineering Study Entry Code	127
492	eng_study_type	Engineering Study Entry Type	126
493	eng_study_entry	Engineering Study Entry Entity	128
494	valid_sg_type_eng_study_entry	Valid Engineering Study Entry for Segment Type	418
495	valid_segment_eng_study_entry	Valid Engineering Study Entry for Segment	420
496	valid_as_type_eng_study_entry	Valid Engineering Study Entry for Asset Type	422
497	valid_asset_eng_study_entry	Valid Engineering Study Entry for Asset	424
498	binary_num_data	Measurement Event Binary Numeric Data	258
499	sg_prop_event_chr_data	Segment Proposed Event Character Data	447
500	sg_prop_event_blob_data	Binary Data Related to a Segment Proposed Event	451
501	as_prop_event_blob_data	Binary Data Related to a Segment Proposed Event	453
503	work_step	Work Step	640
504	work_step_as_recomm	Associated Asset Recommendations for a Work Step	654
505	work_step_sg_recomm	Associated Segment Recommendations for a Work Step	652
506	work_step_audit	Work Step Audit	650
507	solution_package_step	Solution Package Step	556
509	work_step_ord_list_needed	Ordered List Needed for a Work Step	648
511	sol_pack_step_ord_list_needed	Ordered List Needed for a Solution Package Step	564
513	ol_completed_work_num_data	Ordered List Completed Work Numeric Data	704
514	as_completed_work_num_data	Asset Completed Work Numeric Data	684
515	request_num_data	Request Numeric Data	571
516	solution_package_num_data	Solution Package Numeric Data	550

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
517	solution_package_step_num_data	Solution Package Step Numeric Data	558
518	work_step_num_data	Work Step Numeric Data	642
519	request_chr_data	Request Character Data	573
520	ol_completed_work_chr_data	Ordered List Completed Work Character Data	706
521	as_completed_work_chr_data	Asset Completed Work Character Data	686
522	work_step_chr_data	Work Step Character Data	644
523	solution_package_step_chr_data	Solution Package Step Character Data	560
524	solution_package_chr_data	Solution Package Character Data	552
526	ol_completed_work_blob_data	Ordered List Completed Work Binary Data Entity	708
527	as_completed_work_blob_data	Asset Completed Work Binary Data Entity	688
528	work_order_blob_data	Work Order Binary Data Attachments	628
529	work_step_blob_data	Work Step Binary Data Entity	646
530	solution_package_step_blob_dat	Solution Package Step Binary Data Entity	562
531	solution_package_blob_data	Solution Package Binary Data Entity	554
532	request_blob_data	Request Binary Data Entity	575
534	as_completed_work_olist_used	In-work Ordered List Associated Bill of Materiel, etc.	690
535	ol_completed_work_olist_used	In-work Ordered List Associated Bill of Materiel, etc.	710
537	as_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	692
538	ol_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	712
539	request_for_sg_prop_event	Request For Segment Proposed Event	579
540	sg_comp_work_for_sg_prop_event	Segment Completed Work For Segment Proposed Event	674
541	as_comp_work_for_sg_prop_event	Asset Completed Work For Segment Proposed Event	698
542	ol_comp_work_for_sg_prop_event	Ordered List Completed Work For Segment Proposed Event	714
543	request_for_as_prop_event	Request For Asset Proposed Event	581
544	sg_comp_work_for_as_prop_event	Segment Completed Work For Asset Proposed Event	676
545	ol_comp_work_for_as_prop_event	Ordered List Completed Work For Asset Proposed Event	716
546	as_comp_work_for_as_prop_event	Asset Completed Work For Asset Proposed Event	700
547	request_for_sg_event	Request For Segment Event	583
549	as_completed_work_for_sg_event	Asset Completed Work For Segment Event	698
550	ol_completed_work_for_sg_event	Ordered List Completed Work For Segment Event	718
551	request_for_as_event	Request For Asset Event	585
552	sg_completed_work_for_as_event	Segment Completed Work For Asset Event	680
553	ol_completed_work_for_as_event	Ordered List Completed Work For Asset Event	720
554	as_completed_work_for_as_event	Asset Completed Work For Asset Event	700
555	valid_mat_item_on_sg_chr_data	Valid Materiel Item on Segment Character Data Entity	750
556	valid_mat_item_on_sg_blob_data	Valid Materiel Item on Segment Binary Data Entity	752
557	as_prop_event_chr_data	Asset Proposed Event Character Data	449

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
558	ol_completed_work_asset_util	Ordered List Completed Work Associated Asset Utilized	702
559	as_completed_work_asset_util	Asset Completed Work Associated Asset Utilized	682
560	ag_role_type_config_net_hist	Tracks Valid Networks for an Agent Role Throughout Its Life	207
561	child_network_config_history	Tracks Valid Child Networks for a Parent Network Throughout Its Life	190
562	network_conn_type	Network Connection Type	130
563	work_request_for_sg_prop_event	Work Request For Segment Proposed Event	607
564	work_request_for_as_prop_event	Work Request For Asset Proposed Event	609
565	work_order_for_sg_prop_event	Work Order For Segment Proposed Event	632
566	work_order_for_as_prop_event	Work Order For Asset Proposed Event	634
567	work_request_for_sg_event	Work Request For Segment Event	611
568	work_request_for_as_event	Work Request For Asset Event	613
569	work_order_for_sg_event	Work Order For Segment Event	636
570	work_order_for_as_event	Work Order For Asset Event	638
571	standard_data_type	Standard Data Type	131
572	ordered_list_child	Ordered List Child	294
573	sg_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with a Segment Throughout Its Life	762
574	as_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with an Asset Throughout Its Life	763
575	md_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with a Model Throughout Its Life	764
576	network_num_dat_type	Network Numeric Data Type	132
577	network_chr_dat_type	Network Character Data Type	133
578	network_num_data	Network Numeric Data	196
579	network_chr_data	Network Character Data	198
580	network_blob_data	Network Binary Data	200
581	logistic_resource_type_child	Logistic Resource Type Child Entity	108
582	valid_model_eng_study_entry	Valid Engineering Study Entry for Model	426
583	cris_instance	CRIS Instance	19
584	work_req_blob_data	Work Request Binary Data Attachments	603
585	work_item_type	Work Item Types	71

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)

Alphabetical Entity Cross Reference

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
560	ag_role_type_config_net_hist	Tracks Valid Networks for an Agent Role Throughout Its Life	207
117	agent	Agent	183
118	agent_role	Agent Roles	184
110	agent_role_type	Agent Role Type	67
223	agent_role_with_agent	Agent in Defined Role with Associated Agent	186
109	agent_type	Agent Type	66
	Alarm Entities		321
61	alarm_type	Alarm Type	51
7	amb_set_type	Ambiguity Set Type	98
34	as_chr_dat_type	Asset Character Data Type	45
546	as_comp_work_for_as_prop_event	Asset Completed Work For Asset Proposed Event	696
541	as_comp_work_for_sg_prop_event	Asset Completed Work For Segment Proposed Event	694
145	as_completed_work	Completed Work Tasks For Assets	658
559	as_completed_work_asset_util	Asset Completed Work Associated Asset Utilized	682
527	as_completed_work_blob_data	Asset Completed Work Binary Data Entity	688
521	as_completed_work_chr_data	Asset Completed Work Character Data	686
554	as_completed_work_for_as_event	Asset Completed Work For Asset Event	700
549	as_completed_work_for_sg_event	Asset Completed Work For Segment Event	698
514	as_completed_work_num_data	Asset Completed Work Numeric Data	684
537	as_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	692
534	as_completed_work_olist_used	In-work Ordered List Associated Bill of Materiel, etc.	690
574	as_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with an Asset Throughout Its Life	763
229	as_ev_as_func_link	Asset Events Linked to Functions Affected	472
295	as_ev_meas_event	Asset Events Associated With Measurement Events Which Substantiate the Actual Event	232
454	as_event_blob_data	Asset Event Binary Data Entity	228
358	as_event_chr_data	Asset Event Character Data	224
113	as_event_num_data	Asset Event Numeric Data	220
299	as_health_as_event	Actual Asset Events Associated With Asset Health Which Substantiate the Health Assessment	485
301	as_health_as_prop_ev	Proposed Asset Events Associated With Asset Health Which Substantiate the Health Assessment	489
237	as_hyp_ev_as_func	Asset Hypothetical Events Linked to Functions Affected	416
235	as_hyp_ev_num_data	Asset Hypothetical Event Numeric Data	406
231	as_hyp_event	Hypothetical Asset Events/Possible Failure Modes/Possible Failure Mechanisms	382
233	as_hyp_event_link	Hypothetical Asset Event Cause/Effect Links in an Event Causal Network	396

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
309	as_network_connect	Asset Network Connection	194
33	as_num_dat_type	Asset Numeric Data Type	44
259	as_prop_ev_as_ev	Proposed Asset Events Linked to Actual Asset Events - Event Evidence Link	460
263	as_prop_ev_as_func	Proposed Asset Events Linked to Functions Affected	464
257	as_prop_ev_hyp_ev	Proposed Asset Events Linked to Hypothetical Asset Events	457
253	as_prop_ev_link	Proposed Asset Event Cause/Effect Links in an Event Causal Network	441
297	as_prop_ev_meas_ev	Proposed Asset Events Associated With Measurement Events Which Substantiate the Proposed Event - Measurement Evidence Link	468
255	as_prop_ev_ndat	Asset Proposed Event Numeric Data	445
501	as_prop_event_blob_data	Binary Data Related to a Segment Proposed Event	453
557	as_prop_event_chr_data	Asset Proposed Event Character Data	449
251	as_proposed_event	Proposed Past/Present/Future Asset Events including Diagnostic/Prognostic Event Outputs	431
324	as_readiness_type	Asset Readiness Type	91
209	as_rec_as_event	Actual Asset Events Linked to Asset Recommendations	537
303	as_rec_as_health	Asset Health Assessment Linked to Asset Recommendations	541
271	as_rec_as_hyp_ev	Hypothetical Asset Events Linked to Asset Recommendations	529
273	as_rec_as_prop_ev	Proposed Asset Events Linked to Asset Recommendations	533
312	as_rec_blob	Binary Data Related to an Asset Recommendation	519
305	as_rec_mevent	Proposed Asset Events Linked to Asset Recommendations	545
131	as_rec_remark	Asset Recommendation Remarks	508
185	as_recommendation	Asset Recommendation	500
147	as_remaining_life	Asset Remaining Life Assessment For Past/Present/Future	481
135	as_req_for_work	Request for Work for Asset	590
330	as_sol_pack	Associated Solution Packages for an Asset	566
267	as_typ_hyp_ev_func	Asset Type Hypothetical Events Linked to Functions Affected	410
243	as_typ_hyp_ev_link	Hypothetical Asset Type Event Cause/Effect Links in an Event Causal Network	390
245	as_typ_hyp_ev_num_data	Asset Type Hypothetical Event Numeric Data	400
241	as_typ_hyp_event	Hypothetical Asset Type Events/Possible Failure Modes/Possible Failure Mechanisms	376
225	as_type_blob_data	Asset Type Binary Data Related To a Specific Database	42
265	as_type_function	Function Codes, Descriptions of an Asset Type	368
314	as_type_rec_blob	Binary Data Related to an Asset Type Recommendation	513
281	as_type_rec_hyp_ev	Hypothetical Asset Events Linked to Asset	523

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Type Recommendations	
278	as_type_rec_remark	Asset Type Recommendation Remarks	505
275	as_type_recomm	Asset Type Recommendation - Purpose is to be Associated With Hypothesized Events	494
37	asset	Asset	167
	Asset Entities		156
189	asset_blob_data	Asset Binary Data Related To a Specific Database	175
38	asset_child	Asset Child	170
42	asset_chr_data	Asset Character Data	173
485	asset_config_network_history	Tracks Valid Networks An Asset Was Associated With Throughout Its Life	206
43	asset_event	Asset Event	212
153	asset_event_link	Asset Event Cause/Effect Links in an Event Causal Network	216
227	asset_function	Function Codes, Descriptions of an Asset	373
353	asset_geo_position	Asset Geo Position	728
129	asset_health	Asset Health Assessment For Past/Present/Future	477
482	asset_model_history	Tracks the Models An Asset Was Associated With Throughout Its Life	179
41	asset_num_data	Asset Numeric Data	171
44	asset_on_segment	Asset on Segment History	177
45	asset_owner	Asset Owner History	180
31	asset_type	Asset Type	39
99	asset_type_child	Asset Type Child	40
72	ave_synch_type	Average Synchronization Type	56
71	ave_weight_type	Average Weight Type	55
70	average_type	Average Type	54
498	binary_num_data	Measurement Event Binary Numeric Data	258
120	blob_alarm	Measurement Event BLOB Data Alarm	344
293	blob_area_alarm	Measurement Event BLOB Data Area in Alarm	346
333	blob_content_type	Blob Content Type	97
162	blob_data_type	BLOB Data Type	77
221	blob_grid_data	Blob Grid Data	265
151	change_patt_type	Change Pattern Type	76
561	child_network_config_history	Tracks Valid Child Networks for a Parent Network Throughout Its Life	190
583	cris_instance	CRIS Instance	19
486	criticality_scale_type	Criticality Scale Type	125
	Database Entities		141
88	data_qual_type	Data Quality Type	60
52	data_source	Data Source Asset Entity	235
51	data_source_type	Data Source Type	47
328	db_mim_interface	MIMOSA Interfaces Supported By A Database	143
	Diagnosis/Prognosis Entities		428
491	eng_study_code	Engineering Study Entry Code	127
493	eng_study_entry	Engineering Study Entry Entity	128
492	eng_study_type	Engineering Study Entry Type	126
24	eng_unit_enum	Engineering Unit Enumerated List	35
23	eng_unit_type	Engineering Unit Type	34

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
	Engineering Study Entities		365
2	enterprise	Enterprise	135
	Enterprise Entities		134
1	enterprise_type	Enterprise Type	20
9	ev_chr_data_type	Segment/Asset Event or Alarm Character Data Type	100
107	ev_num_data_type	Segment/Asset Event Numeric Data Type	63
121	event_type_child	Event Type Child	69
347	geo_position	Geo Position	723
	GeoSpatial Entities		722
348	gps_datum_type	GPS Datum Types	103
350	gps_elevation_type	GPS Elevation Types	105
351	gps_location	GPS Location	724
349	gps_precision_type	GPS Precision Types	104
	Health and Estimated Life Assessment Entities		474
355	health_level_type	Health Level Type	61
292	highlight_type	Highlight Type	89
8	log_connector_type	Logical Connector Type	99
	Logged Event Entities		209
444	logistic_resource	Logistic Resource Materiel, Labor, etc.	731
	Logistic Resource Entities		730
401	logistic_resource_type	Logistic Resource Type Entity	106
581	logistic_resource_type_child	Logistic Resource Type Child Entity	108
16	manufacturer	Manufacturer	26
402	mat_item_conn_type	Materiel Item Connection Type	110
415	materiel_item	Consummable, Part, Tool, Document, Form	742
445	materiel_master_item	Materiel Management System Master Record	741
575	md_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with a Model Throughout Its Life	764
	Measurement Setup Entities		234
56	meas_event	Measurement Event History	250
100	meas_event_assoc	Measurement Event Associations	254
57	meas_event_rem	Measurement Event Remarks	253
334	meas_loc_assoc	Measurement Location Association	248
346	meas_loc_blob_data	Measurement Location Blob Data	246
345	meas_loc_chr_data	Measurement Location Character Data	244
49	meas_loc_list	Ordered List of Measurement Locations	302
344	meas_loc_num_data	Measurement Location Numeric Data	242
55	meas_loc_type	Measurement Location Type	49
47	meas_location	Measurement Location Entity	238
166	meas_sample	Measurement Sample	357
163	meas_sample_child	Measurement Sample Child	358
122	meas_sample_test	Obsolete/Deprecated Entity from CRIS V3.1	17
165	mevent_blob_data	Measurement Event Binary Data	263
291	mevent_blob_type	Measurement Event Binary Large Object Type	88
59	mevent_chr_data	Measurement Event Character Data	261
63	mevent_num_alarm	Measurement Event Numeric Data Alarm Entity	336
58	mevent_num_data	Measurement Event Numeric Data	256
5	mim_access_type	MIMOSA OSA-EAI Server Applications Access	24

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Type	
217	mim_data_cat_type	MIMOSA Data Categories	84
326	mim_func_type	MIMOSA Functionality Type	93
327	mim_interface_type	MIMOSA Interface Type	94
216	mim_support_type	MIMOSA Support Levels	83
215	mim_tech_type	Types of MIMOSA Technology	82
325	mloc_calc_type	Measurement Location Data Collection Type	92
11	mloc_chr_data_type	Measurement Location Character Data Type	102
10	mloc_num_data_type	Measurement Location Numeric Data Type	101
310	mloc_test_alarm_rg	Obsolete/Deprecated Entity from CRIS V3.1	17
471	mloc_test_comp_alarm_rg	Setup in a given Database for a Measurement Location of the Numeric Alarm Regions in a Database for a Type of Component on a Type of Test	333
329	mloc_type_child	Measurement Location Type Child	95
93	mloc_ulist_sp_ampl	Collection Setup Parameters Needed to Collect Amplitude Data in the Ordered List of Engineering Units at Measurement Locations	307
96	mloc_ulist_sp_cpb	Collection Setup Parameters Needed to Collect CPB Spectrum Data in the Ordered List of Engineering Units at Measurement Locations	319
94	mloc_ulist_sp_fft	Collection Setup Parameters Needed to Collect FFT Spectrum Data in the Ordered List of Engineering Units at Measurement Locations	311
95	mloc_ulist_sp_time	Collection Setup Parameters Needed to Collect Time Waveform Data in the Ordered List of Engineering Units at Measurement Locations	315
50	mloc_unit_list	Ordered List of Engineering Units at Measurement Locations	303
32	model	Model/Make-Model/Manufacturer Product/Part Entity	157
220	model_blob_data	Model Binary Data Related To a Specific Database	165
97	model_child	Model/Part Child	159
36	model_chr_data	Model Character Data	163
484	model_config_network_history	Tracks Valid Networks A Model Was Associated With Throughout Its Life	204
268	model_function	Function Codes, Descriptions of a Model	370
269	model_hyp_ev_func	Model Hypothetical Events Linked to Functions Affected	412
247	model_hyp_ev_link	Hypothetical Model Event Cause/Effect Links in an Event Causal Network	392
248	model_hyp_ev_num_data	Model Hypothetical Event Numeric Data	402
246	model_hyp_event	Hypothetical Model Events/Possible Failure Modes/Possible Failure Mechanisms	378
35	model_num_data	Model Numeric Data	161
315	model_rec_blob	Binary Data Related to a Model Recommendation	515
282	model_rec_hyp_ev	Hypothetical Model Events Linked To Model Recommendations	525
279	model_rec_remark	Model Recommendation Remarks	506
276	model_recomm	Model Recommendation - Purpose is to be	496

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Associated With Hypothesized Events	
284	network	Network	189
	Network Entities		188
580	network_blob_data	Network Binary Data	200
577	network_chr_dat_type	Network Character Data Type	133
579	network_chr_data	Network Character Data	198
562	network_conn_type	Network Connection Type	130
576	network_num_dat_type	Network Numeric Data Type	132
578	network_num_data	Network Numeric Data	196
283	network_type	Network Type	86
318	num_al_assoc_reg	Numeric Alarm Associated Regions in Alarm	338
343	num_al_reg_blob_data	Numeric Alarm Associated Regions Blob Data	328
342	num_al_reg_chr_data	Numeric Alarm Associated Regions Character Data	326
341	num_al_reg_num_data	Numeric Alarm Associated Regions Numeric Data	324
317	num_alarm_reg	Measurement Location Numeric Alarm Regions	322
	Obsolete/Deprecated Entities from CRIS V3.1		17
545	ol_comp_work_for_as_prop_event	Ordered List Completed Work For Asset Proposed Event	716
542	ol_comp_work_for_sg_prop_event	Ordered List Completed Work For Segment Proposed Event	714
187	ol_completed_work	Completed Work Tasks For Ordered Lists	660
558	ol_completed_work_asset_util	Ordered List Completed Work Associated Asset Utilized	702
526	ol_completed_work_blob_data	Ordered List Completed Work Binary Data Entity	708
520	ol_completed_work_chr_data	Ordered List Completed Work Character Data	706
553	ol_completed_work_for_as_event	Ordered List Completed Work For Asset Event	720
550	ol_completed_work_for_sg_event	Ordered List Completed Work For Segment Event	718
513	ol_completed_work_num_data	Ordered List Completed Work Numeric Data	704
538	ol_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	712
535	ol_completed_work_olist_used	In-work Ordered List Associated Bill of Materiel, etc.	710
322	ol_rec_remark	Ordered List Recommendation Remarks	509
316	ol_recommendation	Ordered List Recommendation	502
148	ol_req_for_work	Request for Work for Ordered List/Route	593
332	ol_sol_pack	Associated Solution Packages for an Ordered List	568
190	olist_blob_data	Obsolete/Deprecated Entity from CRIS V3.1	17
	Ordered List/Bill of Resources Entities		292
466	ord_list_blob_data	Ordered List Binary Data	300
463	ord_list_chr_dat_type	Ordered List Character Data Type	114
465	ord_list_chr_data	Ordered List Character Data	298
462	ord_list_num_dat_type	Ordered List Numeric Data Type	113
464	ord_list_num_data	Ordered List Numeric Data	296

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
446	ord_list_resource	Ordered List Resource Item	754
449	ord_list_resource_blob_data	Ordered List Resource Item Binary Data Entity	760
448	ord_list_resource_chr_data	Ordered List Resource Item Character Data Entity	758
447	ord_list_resource_num_data	Ordered List Resource Item Numeric Data Entity	756
48	ordered_list	Ordered List	293
572	ordered_list_child	Ordered List Child	294
467	ordered_list_type	Ordered List Type	115
74	post_scaling_type	Post-processed Signal Processing Scaling Mode Type	58
356	priority_level_type	Priority Level Type	62
323	purchase_cond_type	Purchase Condition Type	90
	Recommendation Entities		491
	Reference Entities		18
22	ref_unit_type	Reference Unit Type	33
6	request	Request	569
532	request_blob_data	Request Binary Data Entity	575
519	request_chr_data	Request Character Data	573
551	request_for_as_event	Request For Asset Event	585
543	request_for_as_prop_event	Request For Asset Proposed Event	581
547	request_for_sg_event	Request For Segment Event	583
539	request_for_sg_prop_event	Request For Segment Proposed Event	579
515	request_num_data	Request Numeric Data	571
450	request_ord_list_needed	Pre-work Ordered List Needed for a Segment Request for Work, Asset Request for Work and Ordered List Request For Work	577
429	resource_blob_data	Resource Binary Data	739
426	resource_child	Resource Child Entity	733
404	resource_chr_dat_type	Resource Character Data Type	112
428	resource_chr_data	Resource Character Data Entity	737
403	resource_num_dat_type	Resource Numeric Data Type	111
427	resource_num_data	Resource Numeric Data Entity	735
12	row_status_type	Row Status Type Code	25
290	sample_cdata_type	Sample Character Data	87
288	sample_chr_data	Measurement Sample Character Data	362
	Sample Data Entities		356
212	sample_ndata_type	Sample Numeric Data Type	81
213	sample_num_data	Measurement Sample Numeric Data	360
289	sample_remark	Measurement Sample Remark	364
160	sample_test_type	Obsolete/Deprecated Entity from CRIS V3.1	17
18	segment	Segment	147
	Segment Entities		146
188	segment_blob_data	Segment Binary Data Related To a Specific Database	154
19	segment_child	Segment Child	149
28	segment_chr_data	Segment Character Data	152
483	segment_config_network_history	Tracks Networks A Segment Was Associated With Throughout Its Life	202
30	segment_event	Segment Event	210
152	segment_event_link	Segment Event Cause/Effect Links in an Event	214

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Causal Network	
226	segment_function	Function Codes, Descriptions of a Service Segment	372
352	segment_geo_position	Segment Geo Position	726
127	segment_health	Segment Health Assessment For Past/Present/Future	475
27	segment_num_data	Segment Numeric Data	150
17	segment_type	Service Segment Type	28
98	segment_type_child	Segment Type Child	29
354	severity_level_type	Severity Level Type	50
29	sg_as_event_type	Segment/Asset Event Type	38
26	sg_chr_dat_type	Segment Character Data Type	37
544	sg_comp_work_for_as_prop_event	Segment Completed Work For Asset Proposed Event	676
540	sg_comp_work_for_sg_prop_event	Segment Completed Work For Segment Proposed Event	674
144	sg_completed_work	Completed Work Tasks For Segments	656
460	sg_completed_work_asset_util	Segment Completed Work Associated Asset Utilized	662
458	sg_completed_work_blob_data	Segment Completed Work Binary Data Entity	668
457	sg_completed_work_chr_data	Segment Completed Work Character Data	666
552	sg_completed_work_for_as_event	Segment Completed Work For Asset Event	680
459	sg_completed_work_for_sg_event	Segment Completed Work For Segment Event	678
456	sg_completed_work_num_data	Segment Completed Work Numeric Data	664
455	sg_completed_work_olist_rem	In-work Ordered List Associated Bill of Materiel, etc.	672
461	sg_completed_work_olist_used	In-work Ordered List Used for Segment Completed Work	670
573	sg_config_ord_list_history	Tracks Ordered Lists such as Bill of Materiel Associated with a Segment Throughout Its Life	762
294	sg_ev_meas_event	Segment Events Associated With Measurement Events Which Substantiate the Actual Event	230
228	sg_ev_sg_func_link	Segment Events Linked to Functions Affected	470
453	sg_event_blob_data	Segment Event Binary Data Entity	226
357	sg_event_chr_data	Segment Event Character Data	222
111	sg_event_num_data	Segment Event Numeric Data	218
298	sg_health_sg_event	Actual Segment Events Associated With Segment Health Which Substantiate the Health Assessment	483
300	sg_health_sg_prop_ev	Proposed Segment Events Associated With Segment Health Which Substantiate the Health Assessment	487
336	sg_hyp_ev_amb_set	Segment Hypothetical Event Ambiguity Set	384
337	sg_hyp_ev_log_conn	Segment Hypothetical Event Logical Connector	386
234	sg_hyp_ev_num_data	Segment Hypothetical Event Numeric Data	404
236	sg_hyp_ev_sg_func	Segment Hypothetical Events Linked to Functions Affected	414
230	sg_hyp_event	Hypothetical Segment Events/Possible Failure Modes/Possible Failure Mechanisms	380
232	sg_hyp_event_link	Hypothetical Segment Event Cause/Effect	394

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
		Links in an Event Causal Network	
308	sg_network_connect	Segment Network Connection	192
25	sg_num_dat_type	Segment Numeric Data Type	36
340	sg_pr_ev_amb_set_sg_ev	Segment Proposed Event Ambiguity Set Associated with Segment Events which Substantiate the Set	437
338	sg_prop_ev_amb_set	Segment Proposed Event Ambiguity Set	433
256	sg_prop_ev_hyp_ev	Proposed Segment Events Linked to Hypothetical Segment Events	455
252	sg_prop_ev_link	Proposed Segment Event Cause/Effect Links in an Event Causal Network	439
339	sg_prop_ev_log_conn	Segment Proposed Event Logical Connector	435
296	sg_prop_ev_meas_ev	Proposed Segment Events Associated With Measurement Events Which Substantiate the Proposed Event - Measurement Evidence Link	466
254	sg_prop_ev_ndat	Segment Proposed Event Numeric Data	443
258	sg_prop_ev_sg_ev	Proposed Segment Events Linked to Actual Segment Events - Event Evidence Link	458
262	sg_prop_ev_sg_func	Proposed Segment Events Linked to Functions Affected	462
500	sg_prop_event_blob_data	Binary Data Related to a Segment Proposed Event	451
499	sg_prop_event_chr_data	Segment Proposed Event Character Data	447
250	sg_proposed_event	Proposed Past/Present/Future Segment Events including Diagnostic/Prognostic Event Outputs	429
311	sg_rec_blob	Binary Data Related to a Segment Recommendation	517
304	sg_rec_mevent	Measurement Events Linked to Segment Recommendations	543
130	sg_rec_remark	Segment Recommendation Remarks	507
208	sg_rec_sg_event	Actual Segment Events Linked to Segment Recommendations	535
302	sg_rec_sg_health	Segment Health Assessment Linked to Segment Recommendations	539
270	sg_rec_sg_hyp_ev	Hypothetical Service Segment Events Linked to Segment Recommendations	527
272	sg_rec_sg_prop_ev	Proposed Service Segment Events Linked to Segment Recommendations	531
184	sg_recommendation	Segment Recommendation	498
146	sg_remaining_life	Segment Remaining Life Assessment For Past/Present/Future	479
134	sg_req_for_work	Request for Work for Segment	587
331	sg_sol_pack	Associated Solution Packages for a Segment	567
266	sg_typ_hyp_ev_func	Segment Type Hypothetical Events Linked to Functions Affected	408
242	sg_typ_hyp_ev_link	Hypothetical Segment Type Event Cause/Effect Links in an Event Causal Network	388
244	sg_typ_hyp_ev_num_data	Segment Type Hypothetical Event Numeric Data	398
240	sg_typ_hyp_event	Hypothetical Segment Type Events/Possible Failure Modes/Possible Failure Mechanisms	374

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
224	sg_type_blob_data	Segment Type Binary Data Related To a Specific Database	31
264	sg_type_function	Function Codes, Descriptions of a Service Segment Type	366
313	sg_type_rec_blob	Binary Data Related to a Segment Type Recommendation	511
280	sg_type_rec_hyp_ev	Hypothetical Segment Events Linked to Segment Type Recommendations	521
277	sg_type_rec_remark	Segment Type Recommendation Remarks	504
274	sg_type_recomm	Segment Type Recommendation - Purpose is To Be Associated With Hypothesized Events	492
65	signal_proc_blk	Signal Process Block	267
64	signal_proc_type	Signal Process Type	52
13	site	Site	138
	Site Entities		137
15	site_database	Site Database	142
3	site_type	Site Type	21
4	site_type_child	Site Type Child	22
511	sol_pack_step_ord_list_needed	Ordered List Needed for a Solution Package Step	564
182	solution_pack_type	Solution Package Type	80
181	solution_package	Package of Pre-defined Work and Associated Information to Be Done Based On a Need	548
531	solution_package_blob_data	Solution Package Binary Data Entity	554
524	solution_package_chr_data	Solution Package Character Data	552
516	solution_package_num_data	Solution Package Numeric Data	550
507	solution_package_step	Solution Package Step	556
530	solution_package_step_blob_dat	Solution Package Step Binary Data Entity	562
523	solution_package_step_chr_data	Solution Package Step Character Data	560
517	solution_package_step_num_data	Solution Package Step Numeric Data	558
79	sp_ampl_alarm	Signal-Processed Frequency/Order Single Amplitude Data Alarm	340
75	sp_ampl_data	Signal-Processed Frequency/Order Single Amplitude/Vector Data	273
89	sp_ampl_setup	Collection Setup Parameters for Signal-Processed Frequency/Order Single Amplitude/Vector Data	305
67	sp_blk_num_data	Signal Process Block Numeric Data	268
85	sp_cpb_data	Signal-Processed, Real Linear Constant Percentage Band Spectrum	281
92	sp_cpb_setup	Collection Setup Parameters for Signal-Processed Real Linear Constant Percentage Band Data	317
81	sp_fft_data	Signal-Processed, Real/Complex Linear Frequency/Order FFT Spectrum Data	275
90	sp_fft_setup	Collection Setup Parameters for Signal-Processed Real/Complex Linear Frequency/Order FFT Spectrum Data	309
66	sp_num_dat_type	Signal Process Block Numeric Data Type	53
68	sp_stream	Signal Process Stream Entity	270
69	sp_stream_block	Signal Process Stream Blocks	271

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
261	sp_stream_type	Signal Process Stream Type	85
83	sp_time_data	Signal-Processed, Real/Complex Linear Time Waveform Data	278
91	sp_time_setup	Collection Setup Parameters for Signal-Processed Real/Complex Linear Linear Time Waveform Data	313
320	spa_al_assoc_reg	Signal-Processed Amplitude Associated Regions in Alarm	342
319	spa_alarm_reg	Signal-processed Amplitudes Alarm Regions	330
73	src_detect_type	Source Signal Detector Type	57
571	standard_data_type	Standard Data Type	131
472	test	Information about a Test performed at a Measurement Location	284
321	test_al_assoc_reg	Obsolete/Deprecated Entity from CRIS V3.1	17
168	test_blob_results	Obsolete/Deprecated Entity from CRIS V3.1	17
192	test_bres_alarm	Obsolete/Deprecated Entity from CRIS V3.1	17
285	test_chr_results	Obsolete/Deprecated Entity from CRIS V3.1	17
476	test_comp_alarm	Test Component Alarms	350
477	test_comp_alarm_assoc_mloc_rg	Test Component Alarm's Associated Meas. Location Setup Alarm Regions	352
479	test_comp_alarm_assoc_num_rg	Test Component Alarm's Associated Regions in Alarm	354
478	test_comp_alarm_rg	Numeric Alarm Regions for a Component on a Test	348
474	test_comp_group	Information about a Group of Components for a Test	288
470	test_comp_group_type	Test Component Group Type	124
475	test_comp_in_group	Test Components in a Test Component Group	290
469	test_comp_type	Test Component Type	120
473	test_component	Information about a Component of a Test	286
214	test_histogram	Obsolete/Deprecated Entity from CRIS V3.1	17
191	test_nres_alarm	Obsolete/Deprecated Entity from CRIS V3.1	17
164	test_num_results	Measurement Sample Test Numeric Results	17
287	test_remark	Obsolete/Deprecated Entity from CRIS V3.1	17
167	test_result_btype	Obsolete/Deprecated Entity from CRIS V3.1	17
286	test_result_ctype	Obsolete/Deprecated Entity from CRIS V3.1	17
161	test_result_ntype	Obsolete/Deprecated Entity from CRIS V3.1	17
468	test_type	Test Type	117
46	tr_axis_dir_type	Transducer Sensitive Axis Direction Type	46
53	trans_type	Transducer Type	48
54	transducer	Transducer Asset	236
496	valid_as_type_eng_study_entry	Valid Engineering Study Entry for Asset Type	422
481	valid_as_type_on_sg_type	Valid Asset Types Which Can Be Utilized On Segment Types For a Given Database	144
497	valid_asset_eng_study_entry	Valid Engineering Study Entry for Asset	424
488	valid_mat_item_on_sg	Valid Materiel Item for Segment For a Given Database	746
556	valid_mat_item_on_sg_blob_data	Valid Materiel Item on Segment Binary Data Entity	752
555	valid_mat_item_on_sg_chr_data	Valid Materiel Item on Segment Character Data Entity	750

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
490	valid_mat_item_on_sg_num_data	Valid Materiel Item on Segment Numeric Data Entity	748
582	valid_model_eng_study_entry	Valid Engineering Study Entry for Model	426
487	valid_model_for_mat_item	Valid Models for Materiel Item For a Given Database	744
495	valid_segment_eng_study_entry	Valid Engineering Study Entry for Segment	420
494	valid_sg_type_eng_study_entry	Valid Engineering Study Entry for Segment Type	418
80	window_type	Window Type	59
202	wo_step_as_recomm	Obsolete/Deprecated Entity from CRIS V3.1	17
180	wo_step_audit	Obsolete/Deprecated Entity from CRIS V3.1	17
179	wo_step_chr_data	Obsolete/Deprecated Entity from CRIS V3.1	17
178	wo_step_num_data	Obsolete/Deprecated Entity from CRIS V3.1	17
201	wo_step_sg_recomm	Obsolete/Deprecated Entity from CRIS V3.1	17
141	wo_step_work_req	Obsolete/Deprecated Entity from CRIS V3.1	17
119	work_audit_type	Work Audit Type	68
171	work_chr_data_type	Work Character Data Type	79
	Work Management Entities		547
585	work_item_type	Work Item Types	71
128	work_manage_type	Work Management Types	72
170	work_num_data_type	Work Numeric Data Type	78
139	work_order	Work Order	619
177	work_order_audit	Work Order Audit	630
528	work_order_blob_data	Work Order Binary Data Attachments	628
159	work_order_child	Relationship of Master Parent Work Order to Follow-on Work Orders	622
176	work_order_chr_data	Work Order Numeric Data	626
570	work_order_for_as_event	Work Order For Asset Event	638
566	work_order_for_as_prop_event	Work Order For Asset Proposed Event	634
569	work_order_for_sg_event	Work Order For Segment Event	636
565	work_order_for_sg_prop_event	Work Order For Segment Proposed Event	632
175	work_order_num_data	Work Order Numeric Data	624
140	work_order_step	Obsolete/Deprecated Entity from CRIS V3.1	17
197	work_req_as_recomm	Associated Asset Recommendations for a Work Request	617
584	work_req_blob_data	Work Request Binary Data Attachments	603
173	work_req_chr_data	Work Request Character Data	601
172	work_req_num_data	Work Request Numeric Data	599
186	work_req_sg_recomm	Associated Segment Recommendations for a Work Request	615
183	work_req_sol_pack	Obsolete/Deprecated Entity from CRIS V3.1	17
136	work_request	Work Request	596
174	work_request_audit	Work Request Audit	605
568	work_request_for_as_event	Work Request For Asset Event	613
564	work_request_for_as_prop_event	Work Request For Asset Proposed Event	609
567	work_request_for_sg_event	Work Request For Segment Event	611
563	work_request_for_sg_prop_event	Work Request For Segment Proposed Event	607
503	work_step	Work Step	640
504	work_step_as_recomm	Associated Asset Recommendations for a Work Step	654
506	work_step_audit	Work Step Audit	650

CRIS Entity #	CRIS Entity Name	Entity Description	Page #
529	work_step_blob_data	Work Step Binary Data Entity	646
522	work_step_chr_data	Work Step Character Data	644
518	work_step_num_data	Work Step Numeric Data	642
509	work_step_ord_list_needed	Ordered List Needed for a Work Step	648
505	work_step_sg_recomm	Associated Segment Recommendations for a Work Step	652
108	work_task_type	Work Task Types	64
150	wtask_type_child	Work Task Type Child	74

[Table of Contents](#)

[Alphabetical Listing](#)

[Numerical Listing](#)