

***Tech-Doc* Producer XML Document**
CRIS Main and Reference Entities
For Support Level 1 Compliance

22-Apr-2005

Key:
M = Main Table for the <i>Tech-Doc</i>
R = Reference Table for the <i>Tech-Doc</i> Schema
TR = TREND-Doc Schema
DY = DYN-Doc Schema
SM = SAMPLE-Doc Schema
BL = BLOB-Doc Schema
RG = REG-Doc Schema
DG = DIAG-Doc Schema
RL = REL-Doc Schema
WR = WORK-Doc Schema

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
1	Enterprise_Type						R		
2	Enterprise						M		
3	Site_Type						R		
4	Site_Type_Child						R		
5	MIMOSA Access Type	R	R	R	R	R	R	R	R
6	Request								M
13	Site						M		
15	Site Database						M		
16	Manufacturer						M	R	
17	Segment Type						R		
18	Segment						M		
19	Segment Child						M		
22	Reference Unit	R	R	R	R	R		R	R
23	Engineering Unit	R	R	R	R	R		R	R
24	Engineering Unit Enumerated	R	R	R	R	R		R	R
25	Segment Numeric Data Type								
26	Segment Character Data Type								
27	Segment Numeric Data								
28	Segment Character Data								
29	Segment/Asset Event Type	R	R	R	R	R			
30	Segment Event History	M	M	M	M	R			
31	Asset Type						R		
32	Model/Part						M	R	
33	Asset Numeric Data Type						R		
34	Asset Character Data Type						R		

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
35	Model Numeric Data						R	R	
36	Model Character Data						R	R	
37	Asset						M		
38	Asset Child								
41	Asset Numeric Data								
42	Asset Character Data								
43	Asset Event History	M	M	M	M			M	
44	Asset Utilization on Segment History						M		
45	Asset Owner History								
46	Transducer Sensitive Axis Direction Type	R	R	R	R				
47	Measurement Location	M	M	M	M				
48	Ordered List								
49	Ordered List of Measurement Locations								
50	Ordered List of Eng. Units at Measurement Locations								
51	Data Source Type	R	R	R	R				
52	Data Source	R	R	R	R				
53	Transducer Type	R	R	R	R				
54	Transducer	R	R	R	R				
55	Measurement Location Type	R	R	R	R				
56	Measurement Event	M	M	M	M				
57	Measurement Event Remarks								
58	Measurement Event Numeric Data	M							
59	Measurement Event Character Data								
60	Alarm Severity	R	R	R	R				
61	Alarm Type	R	R	R	R				
63	Measurement Event Numeric Data Alarm	M							
64	Signal Process Type		R						
65	Signal Process Block		R						
66	Signal Process Block Numeric Data Type		R						
67	Signal Process Block Numeric Data		R						
68	Signal Process Stream		R						
69	Signal Processing Stream Block		R						
70	Average Type		R						
71	Average Weight Type		R						
72	Average Synchronization Type		R						
73	Source Signal Detector Type		R						
74	Post-Processed Signal Processing Scaling Mode Type		R						

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
75	Signal-Processed Frequency/Order Single Amplitude/Vector		M						
79	Signal-Processed Frequency/Order Single Amplitude Alarm		M						
80	Window Type		R						
81	Signal-Processed, Real/Complex Frequency/Order FFT Spectrum Data		M						
83	Signal-Processed, Real/Complex Linear Time Waveform Data		M						
85	Signal-Processed, Real Linear Constant Percentage Band Spectrum								
88	Data Quality Type	M	M	M	M				
89	Collection Setup Parameters for Amplitude/Vector Data								
90	Collection Setup Parameters for FFT Data								
91	Collection Setup Parameters for Time Waveform Data								
92	Collection Setup Parameters for CPB Spectrum Data								
93	Collection Setup Parameters To Collect Amplitude Data For An Entry in the Ordered List of Eng. Units at Meas. Locations								
94	Collection Setup Parameters To Collect FFT Data For An Entry in the Ordered List of Eng. Units at Meas. Locations								
95	Collection Setup Parameters To Collect Time Waveform Data For An Entry in the Ordered List of Eng. Units at Meas. Locations								
96	Collection Setup Parameters To Collect CPB Spectrum Data For An Entry in the Ordered List of Eng. Units at Meas. Locations								
97	Model/Part Child								
98	Segment Type Child								
99	Asset Type Child								
100	Measurement Event Association								
103	Severity Type					R			
104	Health Grade Type					R			
106	Priority Level Type	R	R	R	R	R		R	R
107	Segment/Asset Event Numeric Data								

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
	Type								
108	Work Task Type								R
109	Agent Type	R	R	R	R	R		R	R
110	Agent Role Type								
111	Segment Event Numeric Data								
113	Asset Event Numeric Data								
117	Agent	R	R	R	R	R		R	M
118	Agent Role								
119	Work Audit Type								M
120	Measurement Event BLOB Grid Data Alarm				M				
121	Segment/Asset Event Type Child								
122	Measurement Sample Test			M					
127	Segment Health Assessment					M			
128	Work Management Type								R
129	Asset Health Assessment					M			
130	Segment Recommendation Remark					M		M	M
131	Asset Recommendation Remark					M		M	M
134	Request for Work for Segment								M
135	Request for Work for Asset								M
136	Work Request								M
139	Work Order								M
140	Work Order Step								M
141	Associated Work Requests for Work Order Steps								
144	Segment Completed Work								M
145	Asset Completed Work								M
146	Segment Remaining Life Assessment					M			
147	Asset Remaining Life Assessment					M			
148	Request for Work for Ordered List								
150	Work Task Type Child								R
151	Change Pattern Type					R			
152	Segment Event Causal Network Links					M			
153	Asset Events Causal Network Links					M			
159	Work Order Child								
160	Sample Test Type			R					
161	Test Results Numeric Data Type			R					
162	Binary Large Object Data Type				R		R		R
163	Measurement Sample Child			M					
164	Measurement Sample Test Numeric Results			M					
165	Measurement Event BLOB Data				M				

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166	Measurement Sample			M					
167	Test Result Binary Data Type			R					
168	Measurement Sample Test BLOB Results			M					
170	Work Management Numeric Data Type								
171	Work Management Character Data Type								
172	Work Request Numeric Data								
173	Work Request Character Data								
174	Work Request Audit								M
175	Work Order Numeric Data								
176	Work Order Character Data								
177	Work Order Audit								M
178	Work Order Step Numeric Data								
179	Work Order Step Character Data								
180	Work Order Step Audit								M
181	Work Management Solution Package								M
182	Work Management Solution Pack Type								R
183	Associated Solution Packages For a Work Request								
184	Segment Recommendation					M		M	M
185	Asset Recommendation					M		M	M
186	Associated Segment Recommendation for a Work Request								
187	Ordered List Completed Work								
188	Segment BLOB Data						M		
189	Asset BLOB Data						M		
190	Ordered List BLOB Data								
191	Measurement Sample Test Numeric Result Alarms			M					
192	Measurement Sample Test BLOB Alarm			M					
197	Associated Asset Recommendation for a Work Request								
201	Associated Segment Recommendation for Work Order Step								
202	Associated Asset Recommendation for Work Order Step								
208	Segment Recommendation Linked to Actual Segment Events	M	M	M	M				
209	Asset Recommendation Linked to Actual Asset Events	M	M	M	M				
212	Sample Numeric Data Type			R					
213	Measurement Sample Numeric Data			M					
214	Measurement Sample Test Histogram			M					

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215	MIMOSA Technology Types	R	R	R	R	R	R	R	R
216	MIMOSA Support Levels	R	R	R	R	R	R	R	R
217	MIMOSA Data Categories	R	R	R	R	R	R	R	R
220	Model BLOB Data								
221	Measurement Event BLOB Grid Data				M				
223	Agent in Defined Role with Associated Agent								
224	Segment Type BLOB Related to a Specific Database								
225	Asset Type BLOB Data Related to a Specific Database								
226	Segment Function								
227	Asset Function								
228	Segment Events Linked to Functions Affected								
229	Asset Events Linked to Functions Affected								
230	Hypothetical Segment Events							M	
231	Hypothetical Asset Events							M	
232	Hypothetical Segment Event Cause/Effect Links								
233	Hypothetical Asset Event Cause/Effect Links								
234	Segment Hypothetical Event Numeric Data							M	
235	Asset Hypothetical Event Numeric Data							M	
236	Segment Hypothetical Events Linked to Functions Affected								
237	Asset Hypothetical Events Linked to Functions Affected								
240	Hypothetical Segment Type Events								
241	Hypothetical Asset Type Events								
242	Hypothetical Segment Type Event Cause/Effect Links								
243	Hypothetical Asset Type Event Cause/Effect Links								
244	Segment Type Hypothetical Event Numeric Data								
245	Asset Type Hypothetical Event Numeric Data								
246	Hypothetical Model Events							M	
247	Hypothetical Model Event Cause/Effect Links								

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248	Model Hypothetical Event Numeric Data							M	
250	Proposed Segment Events					M			
251	Proposed Asset Events					M			
252	Proposed Segment Event Cause/Effect Links					M			
253	Proposed Asset Event Cause/Effect Links					M			
254	Segment Proposed Event Numeric Data					M			
255	Asset Proposed Event Numeric Data					M			
256	Proposed Segment Events Linked to Hypothetical Segment Events								
257	Proposed Asset Events Linked to Hypothetical Asset Events								
258	Proposed Segment Events Linked to Actual Segment Events – Evidence Link					M			
259	Proposed Asset Events Linked to Actual Asset Events – Evidence Link					M			
261	Signal Process Stream Type		R						
262	Proposed Segment Events Linked to Functions Affected								
263	Proposed Asset Events Linked to Functions Affected								
264	Segment Type Function								
265	Asset Type Function								
266	Segment Type Hypothetical Events Linked to Functions Affected								
267	Asset Type Hypothetical Events Linked to Functions Affected								
268	Model Function								
269	Model Hypothetical Events Linked to Functions Affected								
270	Segment Recommendations Linked to Hypothetical Segment Events								
271	Asset Recommendations Linked to Hypothetical Asset Events								
272	Segment Recommendations Linked to Proposed Segment Events					M			
273	Asset Recommendations Linked to Proposed Asset Events					M			
274	Segment Type Recommendation								
275	Asset Type Recommendation								
276	Model Recommendation							M	
277	Segment Type Recommendation								

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
	Remarks								
278	Asset Type Recommendation Remarks								
279	Model Recommendation Remarks							M	
280	Segment Type Recommendations Linked to Hypothetical Segment Type Events								
281	Asset Type Recommendations Linked to Hypothetical Asset Events								
282	Hypothetical Model Events Linked to Recommendations								
283	Network Type								
284	Network								
285	Measurement Sample Test Character Results			M					
286	Test Results Character Data Type			R					
287	Measurement Sample Test Remark			M					
288	Measurement Sample Character Data			M					
289	Measurement Sample Remark								
290	Sample Character Data Type			R					
291	Measurement Event Binary Large Object Type				R				
292	Highlight Area Types				R				
293	Measurement Event BLOB Data Area in Alarm				M				
294	Segment Event Associated With Meas. Events	M	M	M	M				
295	Asset Event Associated With Meas. Events	M	M	M	M				
296	Proposed Segment Events Linked to Measurement Events – Evidence Link					M			
297	Proposed Asset Events Linked to Measurement Events – Evidence Link					M			
298	Segment Health Assessment Linked To Actual Segment Events					M			
299	Asset Health Assessment Linked To Actual Asset Events					M			
300	Segment Health Assessment Linked To Proposed Segment Events					M			
301	Asset Health Assessment Linked To Proposed Asset Events					M			
302	Segment Recommendation Linked to Segment Health Assessment					M			

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303	Asset Recommendation Linked to Asset Health Assessment					M			
304	Segment Recommendations Linked to Measurement Events								
305	Asset Recommendations Linked to Measurement Events								
308	Segment Network Connection								
309	Asset Network Connection								
310	Measurement Location Sample Test Numeric Results Alarm Region			M					
311	Binary Data Related to a Segment Recommendation								
312	Binary Data Related to an Asset Recommendation								
313	Binary Data Related to a Segment Type Recommendation								
314	Binary Data Related to an Asset Type Recommendation								
315	Binary Data Related to a Model Recommendation								
316	Ordered List Recommendation								
317	Measurement Location Numeric Alarm Regions	M							
318	Numeric Alarm Associated Regions In Alarm	M							
319	Signal-Processed Amplitude Alarm Regions		M						
320	Signal-Processed Amplitude Assoc. Regions in Alarm		M						
321	Sample Test Alarm Associated Regions in Alarm			M					
322	Ordered List Recommendation Remark								
323	Purchase Condition Type								
324	Asset Readiness Type	R	R	R	R	R	R	R	R
325	Meas. Location Data Calculation Type	R	R	R	R				
326	MIMOSA Functionality Type	R	R	R	R	R	R	R	R
327	MIMOSA Interface Type	R	R	R	R	R	R	R	R
328	MIMOSA Interfaces Supported By a Database	M	M	M	M	M	M	M	M
329	Measurement Location Type Child								
330	Solution Packages Associated With an Asset								M
331	Solution Packages Associated With a								M

Tab Ref #	CRIS Table Description	TR	DY	SM	BL	DG	RG	RL	WR
	Segment								
332	Solution Packages Associated With an Ordered List								
333	Binary Large Object Content Type				R		R		R
334	Measurement Location Association								
335	Work Request Binary Data								