

Attachment F – Unresolved Discrepancy Reports

All open SIMSS Discrepancy Reports (DRs) are listed in the following table. These consist of DRs that remain open from SIMSS Release 1.0 (through 135), SIMSS Release 2.0 (149 through 205), R2.0 IDR (206 through 210), Release 3.0 IDR (211 to 218), system test DRs (220 to 238), and independent test DRs (219, 239 to 261). The table includes the DR Number, Description, and Severity.

Summary of Open Discrepancy Reports

High	Medium	Low	Total
7	29	14	50

DR	Description	Severity
98	Stopping and restarting log module resets the counters in the status display	Low
100	Some modules disappear, others don't when client disconnects from server.	Low
119	(Serial) The true/invert function does not work for any of the BIO outputs.	Medium
128	Unable to run 2 Txfile modules. When second module is started, system returns an error message.	Medium
135	Multiple projects need to be supported.	Low
150	We are losing HANDLES and THREADS after we remove modules from the Project. Two threads are typical.	Medium
152	GenericTLM, OutputIP, TestModule are not supporting Directives but in the latest build GUI flag was set to TRUE.	Low
153	(OutputIP, TestModule) Modules are not cleaning up opened windows after Project is closed.	Low
201	The serial output module cannot set all clock frequencies, in particular the standard T1 1.544Mbps.	Medium
211	A text floating point number prefixed by a 0 (e.g., 0.125) is not correctly converted into an RmmContainerNumeric<float>, though without the prefix (“.125”).	Medium
219	(TXFile): Unable to lock on data when the Interval in the TXFile module is less than 10 msec. This problem occurs with data either from CD or hard drive - (IT-DR1)	Medium
220	DQM crashed during Default Configuration Regression Test with data transmitting from Generic Tlm module (R2.1).	High
221	Could not perform reconfiguration - Regression Test R3.2: Perform CmdEcho using changed configuration.	Low
223	BIO-L Input failed - Regression Test R10.4: Serial Input Module: BIO-L Input.	Medium
224	BIO-M Input failed - Regression Test R10.5: Serial Input Module: BIO-M Input.	Medium
225	BIO-S Input failed - Regression Test R10.6: Serial Input Module: BIO-S Input.	Medium
226	LSB Orientation failed - Regression Test R10.7: Serial Input Module: LSB Orientation.	Medium
228	NRZ-S Output failed - Regression Test R11.3: Serial Output Module: NRZ-S Output. Looks like problem with the inverted data. This did not work in PDP mode. (Note: this is the same as DR 203)	Medium
229	BIO-M Output failed - Regression Test R11.5: Serial Output Module: BIO-M Output. Looks like problem with the inverted data. Also got different results on two of the SOC's bit syncs.	Medium
230	BIO-S Output failed - Regression Test R11.6. Looks like problem with the inverted data. Also got different results on two of the SOC's bit syncs.	Medium
231	When the default configuration is changed at 'start up' the defaults are in place. If you perform in a subsequent pause/resume it works – Regression Test R13.4: TDMCmdIngest	Medium

	Module: Set command counter locations to different configurations.	
232	Reverse Order did not work for a large size file. This needs to be redone, i.e. file reversal should be done prior to transmission – Regression Test R15.5: TXFile Module: Reverse Order.	Medium
233	TXFile does not accept 9001 messages - R3 Item Test I13.2: TXFile to Serial Output.	Medium
234	Configuration does not work - R3 Item Test I13.4: Wrapper to Serial Output.	Medium
236	CmdXmit: Save/Restore command files at all levels failed - R3 Item Test I18.4.	Medium
237	CmdXmit: Build and transmit CCSDS command blocks failed - R3 Item Test I18.5.	Medium
238	Stripper to Serial Interface: current configuration not working - R3 Item Test I123.2.	Medium
239	The configuration pop-up menu is not functioning properly: If the module was paused and the network configuration was changed, the out going packet does not carry the new information when restarted - (IT-DR2).	Medium
240	Unable to get multicast mode to work: attempted to transmit to both an OS/2 PTP and a NT PTP with no luck (IT-DR3).	High
241	At 1Mbps with a frame size of 200 bytes, a drop approximately every 1000 frames. At 800 bytes per frame, a drop approximately every 600 frames. This appears to be a handshaking issue? and/or the TDMGen is not responding quickly enough? - (IT-DR4).	Medium
242	(SerialOutput): Module shuts down at different times. When this happens you must start from the beginning (IT-DR5).	High
243	(GenTlm): The genericlmdb.txt was modified. The only way to make the system recognize the change was to remove the GenTlm module from the project and reinsert it (IT-DR6).	Medium
244	(GenTlm): The users guide does not explain how to change data as per Requirement TG1.1.4c. We were unable to find any reference to how to do this. Also, an application error (memory referenced can not be read) occurred when the system is taken from run to stop - (IT-DR7).	Low
245	(GenTlm): Unable to transmit telemetry data over multiple channels. Requirement TG1.3.1 - (IT-DR8).	Low
246	(GenTlm): The only way to change parameters E & F is by modifying the text file, which requires to stop, removing the module and re-adding the module. Requirement TG1.1.4 states the user shall have the capability to change parameters. This requirement implies to include E & F - (IT-DR9).	Low
247	(GenTlm): Could not find no way to define whether to allow packets to be split or not to be split as per Requirement TG1.2.1 - (IT-DR10).	Low
248	(GenTlm): Could not find any reference to the Packet Splitting Flag in the User's Guide (Requirement TG1.2.3.c) - (IT-DR11).	Low
249	The virtual channel and the frame length appear to be reversed - (IT-DR12).	Medium
250	The Frame Sequence counter works properly when only one command was sent. When multiple commands were sent, the counter only updates on the first command - (IT-DR13).	Medium
251	(CMDXMIT): After a Load CLTU function the values in the Edit Sel displays do not reflect the current values. The data is restored properly (IT-DR14).	Medium
252	(CMDXMIT): This module will not ingest raw command data. It does not process the data file into code blocks. Requirements CG1.3 and CG1.3.1 (IT-DR15).	Low
253	(CMDXMIT): We could not find a way to perform the CRC calculation. Requirement CG1.3.3 (IT-DR16).	Low
254	(CMDXMIT): This module will not perform these functions. As per our earlier discussions a new module will perform these functions. Requirements CG1.4, CG1.4.1, CG1.4.2 (IT-DR17).	Medium
255	(GenericCmdIngest): We were unable to display the information in Requirement CI1.8 without going to a getBuffer type-in. These functions should be available in a pop up window (IT-DR18) – Same as DR 222 (ST-	Low
256	(CMDXMIT/OutputIP): When we configured the system and sent a command, the OutputIP module did not see it. When we sent a second command, the OutputIP module	High

	saw two commands (IT-DR19).	
257	(SerialInput): The module displays the proper frame on its display but it passes 256 bytes to the other modules. This causes the data to be skewed (IT-DR20).	High
258	(SerialInput): If the subframe counter is more than 1 byte, the status display shows Sub-Frame drops that are not really occurring. I was informed that it had to do with the way the data is handled by the driver (IT-DR21).	Medium
259	(SerialOutput): When stopping the stream it crashes the system if the Convolution Encoding is enabled (IT-DR22).	High
260	(SerialInput): Module does not process NRZS data properly (IT-DR23) – Same as DR 222 (ST-DR10.3).	Medium
261	(SerialInput): APC does not work. It only accepts data in true mode. It does not matter what code is provided (IT-DR24) – Same as DR 227 (ST-DR10.8)	High