

## Attachment F – Unresolved Discrepancy Reports

All open SIMSS Internal Discrepancy Reports (IDRs) are listed in the following table. These have been promoted to DRs with the delivery of this release. The table includes the DR Number, Description, and Severity.

### Summary of Open Discrepancy Reports

High	Medium	Low	Total
5	18	7	30

IDR	Description	Severity
59	No validation is being performed on the values entered in the Set Directive Window. If the value entered exceeds the number of bits specified for the telemetry point, high order bits are truncated when the packet is built. If you enter a hex value, the telemetry point gets set to zero. Binary values are interpreted as decimal. In addition, the system does not notify the user concerning the invalid entry.	Low
66	Messages are being lost between client and server (due to non-blocking reads?). (Fixed but not verified.)	High
90	The GUI should only ask once for the status for the generic telemetry control window. (Fixed but not verified.)	Medium
93	Need to change channelRequest() logic for serial module application - per PTran's request. (Fixed but not verified.)	Medium
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
101	If a DLL is missing on an attempted load, generate an event message.	Medium
106	Missing data occasionally for one channel multiple link. (Fixed but not verified.)	Medium
107	I did the following: <ul style="list-style-type: none"> <li>- Configured project with GenTlm sending data to Log module</li> <li>- Configure Log module with filename and variable length data</li> <li>- Saved project</li> <li>- Started project and GenTlm channels - no problems seen</li> <li>- Quit and reloaded project from saved project</li> <li>- Verified that Log module configuration display showed filename</li> <li>- Started project and GenTlm channels</li> <li>* Log module status display did not show filename or update counts</li> <li>- Stopped log module and did Apply on config display</li> <li>* Log module status display showed filename but never updated</li> <li>- Stopped project, removed log module, replaced with test module, and restarted</li> <li>- Test module showed updating counts on same channel that log module did not.</li> </ul>	Medium
110	Serial Input and Output modules have limitations. Details follow.  Limitation of the Serial Input module: Because the hardware does not detect the receiving frame, the software has to do it. However, the received sync pattern is not always at the beginning of the buffer after each ReadFile function is called, therefore, we will miss frame if we want to inspect every received byte for the sync pattern. Bottom line: the Serial Input module sometimes loses data.	High

	<p>Limitation of the Serial Output module: Because the Serial Output module transmits data received from another module, the data transfer rate from module to module and the data transfer rate of the serial port are different. Therefore, the serial output module may or may not transmit data continuously, depending on the difference of data transfer rates.</p> <p>The Serial Output module can transmit and display data that is received from another module. The Serial Input module can receive and display data that is received from the serial input port. There is no information about number of missing frames.</p>	
113	Event log should default to on	Low
114	GUI provides no indication of client server connection	Low
115	In NRZL mode, module outputs buffer 4 times, skips next three and outputs the fourth one four times	Medium
116	Module does not terminate the playback at the completion of data but outputs the last buffer continuously	Medium
117	Selecting NRZ-L output appears to produce NRZ-S.	Medium
118	Selecting BIO produces BIO-S data. Selecting BIO-L produces BIO-S data.	Medium
119	The true/invert function does not work for any of the BIO outputs.	Medium
120	The reverse playback mode does not appear to work, sync is not found in either MSB or LSB mode.	Medium
121	The system requires 16 bits of sync and does not support APC. This requires setting up one device for normal sync and one for inverted sync.	High
122	Unable to find any reference to "Pause/Resume" operations.	Medium
124	Serial receive module is not passing data correctly through the system.	High
125	The file cnt and send cnt variables are functioning opposite of the description in the user's guide.	Medium
126	The stop function does not work.	Medium
127	Send will only start at the selected block, the block previously entered in the configuration display, if the value is re-entered and apply is selected. It acts as a continue button if you do not do this.	Medium
128	Unable to run 2 Txfile modules. When second module is started, system returns an error message.	Medium
129	Initiated a 10 block playback with continuous loop selected. The system played back entire file, ignoring the read block setting.	Medium
130	Log module does not log the first packet that is received after the first run.	Medium
131	Status and packet dump displays crash when you attempt to edit packet headers. Packet editor also crashes as no changes are observed in the out going packets.	High
135	Multiple projects need to be supported.	Low
136	System does not support multiple GenericTlm modules	Low