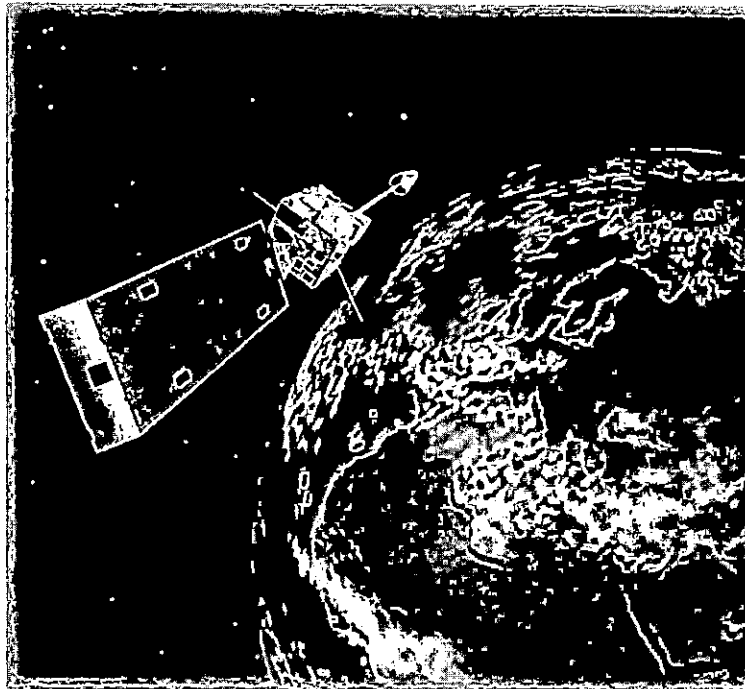


LZSS De-Commuation Operations Tool Verification Procedure For The GOES-R Space Environment In-Situ Suite (SEISS)

SEISS-XX-XXX Rev - 10/13/2016



Verification
Run by
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10/13/2016

**Prepared for:
National Aeronautics & Space Administration
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Under Contract Number NNG06HX01C

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RECORD OF CHANGES

Revision Letter	Date	Title or Brief Description	Entered By
-	7/5/2016	LZSS De-Commutation Operations Tool Verification Procedure	B. Brown

Test Operator Audrey K. Vitha

Date 10/13/2016

LZSS De-Commutation Tool Validation Procedure

1. Launch the LZSS Batch Processing tool by running lzss_batch_processor.exe.
2. Set the start time to 2015, 4, 14, 8, 39.
3. Click on the 'Other' Radio button.
4. Set the end time to 0, 0, 35.
5. Click the done button.
6. Validate that the start time that is printed is '2015-04-14 08:39:00'. (P) F
7. Validate that the end time that is printed is '2015-04-14 09:14:00'. (P) F
8. When the dialog box opens, select the location of the test files.
9. When the program has finished running the command prompt will read 'Processing Complete'.
10. Close the Batch Processing Tool.
11. Navigate to ~/dist/output/ and verify that there a new file has been created with a name that corresponds to the time that the Batch Processing Tool was run. Write down the name of the file here
2016013_1453
12. Open command prompt
13. Navigate to the source code directory using the cd command
14. Run the command ./GOES/egse/EGSEMain_NoDAQ.exe -p XXXXX where XXXXX is the full path to the file created in step 11.
15. Wait until the command prompt says 'Command-line telemetry playback completed!' (P) F
16. Open the save location of the EGSE Test Logs (default is C:\GOES\testLogs')
17. Validate that new files have been created with time stamps that correspond to the run time of the EGSE. Record the DPU Telemetry File name here
20161013_1511
18. Launch the Log Renamer tool by running log_renamer.exe.
19. Click the 'Select File' button.
20. When prompted, select the DPU Telemetry file that was recorded in Step 17.
21. Record the new timestamp that was reported by the tool. 20160414_0839
22. Navigate to C:\GOES\ProcessedLogs
23. Verify that all the files in the directory ~/ProcessedLogs have a time stamp that matches what is recorded in Step 21. (P) F
24. Verify that the renamed files have a name that corresponds to the date and time given in Step 6. 20150414_0839
25. Open the new DPU Telemetry log file.
26. Verify that the header for the first second of telemetry in the DPU log file matches the date and time given in Step 6. 083945.000