
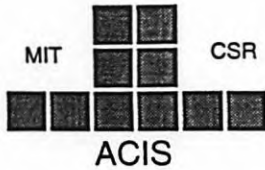


ACIS Verification Summary Report

| Specification: | ACIS Contract End Item Specification | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|------------|--|--|------|-------|-------------|---|--------|-----------|--|--|---|--------|--|--|--|---|------------|--|--|
| Requirement Number/Title: | 3.7.5.1 General (VRSD 3.7.5.1-2) | | | | | | | | | | | | | | | | | | | | |
| Requirement Statement: Instrument flight software shall provide the data processing necessary to implement such items as science instrument control and redundancy management. | | | | | | | | | | | | | | | | | | | | | |
| Verification Method: | Demonstration | | | | | | | | | | | | | | | | | | | | |
| Procedure Number: 36-57301.13 | | | | | | | | | | | | | | | | | | | | | |
| Configuration: | | | | | | | | | | | | | | | | | | | | | |
| Cycle Time: | | | | | | | | | | | | | | | | | | | | | |
| Verification Discussion/Results: | | | | | | | | | | | | | | | | | | | | | |
| <p>Refer to</p> <table border="1"> <thead> <tr> <th>Report</th> <th>Quantity</th> <th>Status</th> <th>NAME</th> <th>SDM10</th> </tr> </thead> <tbody> <tr> <td>36-57303.13</td> <td>8</td> <td>PASSED</td> <td>SysConfig</td> <td>ACIS SW System Configuration Parameters Verif. Reports</td> </tr> <tr> <td></td> <td>0</td> <td>FAILED</td> <td></td> <td></td> </tr> <tr> <td></td> <td>3</td> <td>DEVIATIONS</td> <td colspan="2">Refer to Deviations on summary page of SDM10</td> </tr> </tbody> </table> | | Report | Quantity | Status | NAME | SDM10 | 36-57303.13 | 8 | PASSED | SysConfig | ACIS SW System Configuration Parameters Verif. Reports | | 0 | FAILED | | | | 3 | DEVIATIONS | Refer to Deviations on summary page of SDM10 | |
| Report | Quantity | Status | NAME | SDM10 | | | | | | | | | | | | | | | | | |
| 36-57303.13 | 8 | PASSED | SysConfig | ACIS SW System Configuration Parameters Verif. Reports | | | | | | | | | | | | | | | | | |
| | 0 | FAILED | | | | | | | | | | | | | | | | | | | |
| | 3 | DEVIATIONS | Refer to Deviations on summary page of SDM10 | | | | | | | | | | | | | | | | | | |


 ACIS Cognizant Engineer

5/21/97
 Date



SDM10

SOFTWARE VERIFICATION REPORT SUMMARY

CENTER FOR SPACE RESEARCH
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Title: **System Configuration Parameters Verification Report**

| | | | |
|------------------------|-------------|-------|--------------|
| Data Base Part Number: | 36-57303.13 | Date: | May 21, 1997 |
|------------------------|-------------|-------|--------------|

| | | | |
|-------------------|-------------|-----------------|-----------|
| Procedure Number: | 36-57301.13 | Procedure Name: | SysConfig |
|-------------------|-------------|-----------------|-----------|

| | | | |
|----------------|--------------|--------------------------|--------------|
| Report Number: | See comments | Report/Script File Name: | SysConfig-13 |
|----------------|--------------|--------------------------|--------------|

| | | |
|-----------------------|--------|---|
| Number of sub reports | Passed | 8 |
|-----------------------|--------|---|

| | | |
|-----------------------|--------|---|
| Number of sub reports | Failed | 0 |
|-----------------------|--------|---|

Comments:

Report Numbers:

36-57303.1301 36-57303.1302 36-57303.1303 36-57303.1304
 36-57303.1305 36-57303.1306 36-57303.1307 36-57303.130201

Test Deviations:

- 1) Electronic versions of reports 1301,1302, indicate FAILED. This is because return values via housekeeping of DAC_RD queryId=138 and DAC_OG queryId=136 do not work. The DACs are able to be set as verified by analysis. If they did not work then the noise levels of the data would not be as low as they are.
- 2) Electronic version of report 1303 indicates FAILED. For the same reason as 1) above and that 5 DAC values have been clipped to prevent CCD damage. See SPR 111.
- 3) Electronic version of reports 1304,1305,1306,1307 indicate FAILED. This is because the test procedure was not updated to reflect the operation of the software which overwrites the offset A through D values via the parameter block offset A through D values.

Cognizant Engineer:

Robert J Blozie