

Upload LCU safety table: 3151-3600  
 File: H\_FCP\_HIF\_RUT7.xls  
 Author: R. Biggins



## Procedure Summary

### Objectives

This procedure is part of the look up table (LUT) load procedure. The objective of this procedure is to upload the LCU safety table from line 3151 to line 3600

### Summary of Constraints

This procedure is called by the procedure H\_FCP\_HIF\_RLUT only.

### Spacecraft Configuration

**Start of Procedure**

HIFI is in Standby mode

**End of Procedure**

No change to HIFI mode

### Reference File(s)

**Input Command Sequences**

**Output Command Sequences**

HFHRUT7

### Referenced Displays

ANDs      GRDs      SLDs

### Configuration Control Information

| DATE     | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION   | AUTHOR     | SPR REF |
|----------|-----------|---------|--|------------|---------|
| 07/11/07 |           | 1       | Created  | R. Biggins |         |
|          |           |         | Update due to discussions between D. Teyssier and R. Biggins<br><input type="checkbox"/> - Set HK rate command removed<br><input type="checkbox"/> - Editorial updates | R. Biggins |         |
| 16/11/07 |           | 2       | - OBSID removed as Formal Parameter<br>- BBID parameter in table upload commands added as Formal Parameters  | R. Biggins |         |
| 26/11/07 |           | 3       |  | R. Biggins |         |
|          |           |         | Update due to initial testing against the simulator:<br>- BBID/OBSID TM checks added<br>- TCs updated due to new DB<br>- Execution times removed                       | R. Biggins |         |
| 10/01/08 |           | 4       |  | R. Biggins |         |
|          |           |         | Update due to testing against MOC Simulator:<br>- Telecommand flags updated<br>- Editorial updates   | R. Biggins |         |
| 28/02/08 |           | 5       |  | R. Biggins |         |

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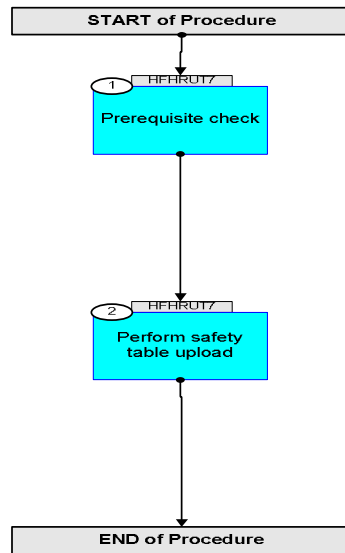


|          |   |      |  |            |  |
|----------|---|------|--|------------|--|
|          |   |      | Updates due to SVT-1 testing: <input type="checkbox"/><br><input type="checkbox"/><br>- All TM checks removed due to use of H_FCP_HIF_RLUT procedure <input type="checkbox"/><br>- First LUT load TC updated to have automatic release <input type="checkbox"/><br>- First LUT load TC time tag updated to 1 second <input type="checkbox"/><br>- Comments added <input type="checkbox"/><br>- Flags updated |            |  |
| 04/06/08 | 1 | 6    |  | R. Biggins |  |
| 10/12/09 | 3 | 6.01 | Validation : Configuration updated   | R. Biggins |  |

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## Procedure Flowchart Overview



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| Step No.  | Time                 | Activity/Remarks   | TC/TLM   | Display/ Branch   |
|---|----------------------|--|----------|-------------------|
| <b>Beginning of Procedure</b>   |                      |  |          |                   |
| <p><i>TC Seq. Name : HFHRUT7 (Upload LCU 3151-3600)</i></p> <p><i>TimeTag Type: N</i><br/> <i>Sub Schedule ID:</i></p> <p style="text-align: center;">□</p> |                      |  |          |                   |
| 1   |                      | <i>Prerequisite check</i>  |          | Next Step:<br>2   |
|   |                      | This procedure is part of the look up table (LUT) load procedure.  |          |                   |
|   |                      | This sequence is accessed by loading the IPF (TPF) file which is required to load the table parameters.    |          |                   |
|   |                      | It is called by the procedure H_FCP_HIF_RLUT only, and all Telemetry checks are in this overview procedure |          |                   |
| 2   |                      | <i>Perform safety table upload</i>   |          | Next Step:<br>END |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |
|   | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br><b>HIFI_Configure_LCU_table</b><br><i>SSID : 70</i>                            | HC075289 |                   |

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| Step No.                | Time                 | Activity/Remarks  | TC/TLM   | Display/ Branch |
|-------------------------|----------------------|---|----------|-----------------|
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
|                         | ET=+<br>UT=+00.00.01 | HIFI_Configure_LCU_table<br>HIFI_Configure_LCU_table<br>SSID : 70 | HC075289 |                 |
| <b>End of Procedure</b> |                      |   |          |                 |