

Upload LCU safety table: 4951-5400  
 File: H\_FCP\_HIF\_NUTB.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 4951 to line 5400

### Summary of Constraints

n/a

### Spacecraft Configuration

**Start of Procedure**

HIFI is in STANDBY I mode

**End of Procedure**

No change to HIFI mode

### Reference File(s)

**Input Command Sequences**

**Output Command Sequences**

HFHNUTB

### Referenced Displays

ANDs      GRDs      SLDs

### Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
07/11/07		1	Created	R. Biggins	
15/11/07		2	Update due to discussions between D. Teyssier and R. Biggins - Set HK rate command removed - Editorial updates	R. Biggins	
26/11/07		3	- OBSID removed as Formal Parameter - BBID parameter in table upload commands added as Formal Parameters	R. Biggins	
09/01/08		4	Update due to initial testing against the simulator: - BBID/OBSID TM checks added - TCs updated due to new DB	R. Biggins	
26/02/08		5	- Execution times removed Update due to testing against MOC Simulator: - Telecommand flags updated - Editorial updates	R. Biggins	

Upload LCU safety table: 4951-5400  
File: H\_FCP\_HIF\_NUTB.xls  
Author: R. Biggins



Updates due to SVT-1 testing:

- All TM checks removed due to use of H\_FCP\_HIF\_NLUT procedure
- First LUT load TC updated to have automatic release
- First LUT load TC time tag updated to 1 second
- Comments added
- Flags updated

04/06/08  
08/04/10

1  
3

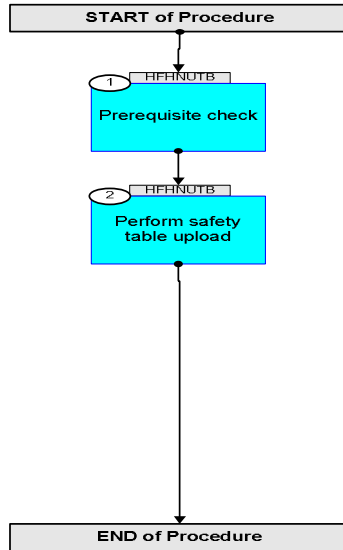
6  
7

R. Biggins  
R. Biggins

Upload LCU safety table: 4951-5400  
File: H\_FCP\_HIF\_NUTB.xls  
Author: R. Biggins



## Procedure Flowchart Overview

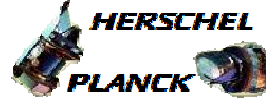


Upload LCU safety table: 4951-5400  
 File: H\_FCP\_HIF\_NUTB.xls  
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
<b>Beginning of Procedure</b>				
HFHNUTB Upload LCU 4951-5400				
SSID :				
1		<i>Prerequisite check</i>		Next Step: 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_NLUT only, and all Telemetry checks are in this overview procedure		
2		<i>Perform safety table upload</i>		Next Step: END
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	
	ET=+ UT=+00.00.01	HIFI_Configure_LCU_table HIFI_Configure_LCU_table SSID : 70	HC075289	

Upload LCU safety table: 4951-5400  
 File: H\_FCP\_HIF\_NUTB.xls  
 Author: R. Biggins



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