

Clear LOU Error Flag
 File: H_FCP_HIF_CCLR.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to clear the LO error flag

Summary of Constraints

To be executed on HIFI request only

Spacecraft Configuration

Start of Procedure

HIFI in Standby1, Failure or Normal mode

End of Procedure

No change to HIFI mode

Reference File(s)

Input Command Sequences

Output Command Sequences

HFHCCLR

Referenced Displays

ANDs **GRDs** **SLDs**
 ZAZ9C999
 HA004289

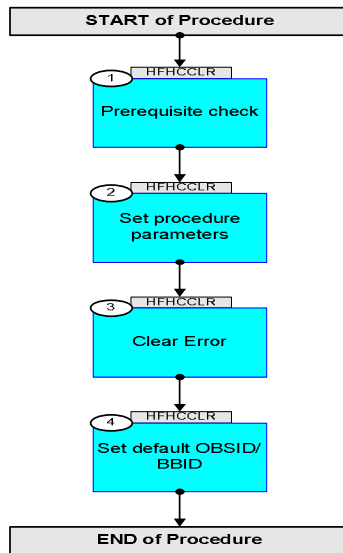
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
28/05/09	2.5	1	Created	R. Biggins	
26/11/09		2	Updates due to Prime unit failure resulting in new operation scheme - Procedure cover updated - Step 1.2 added to verify mode - TM check added to step 3	R. Biggins	
16/02/10	3	3	ET and UT times updated	R. Biggins	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
<i>TC Seq. Name : HFHCCLR (Clear LO Error)</i> <i>TimeTag Type: N</i> <i>Sub Schedule ID:</i> <input type="checkbox"/>				
1		<i>Prerequisite check</i>		Next Step: 2
1.1		<i>HSC/ICC input</i>		<input type="checkbox"/>
		Verify that the HSC/ICC has supplied a valid OBSID value: OBS_ID = 0xnnnn nnnn		
1.2		<i>Verify: HIFI mode</i>		<input type="checkbox"/>
		Verify Telemetry <div style="text-align: right;">HL_MODE_S HM258194</div>	= failure = normal = standby1	AND=ZAZ9C999
		Verify Telemetry <div style="text-align: right;">HL_error_flag_S HM250194</div>	= FAULT	AND=HA004289
2		<i>Set procedure parameters</i>		Next Step: 3
	ET=+ UT=+00.00.00	HIFI_Set_OBS_ID Command Parameter(s) : <div style="text-align: right;"> HIFI_BB_ID HP001197 HIFI_OBS_ID HP000197 </div> TC Control Flags : <div style="text-align: right;"> GBM IL DSE --Y -- --- </div> Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID	HC014289 0E520001 <hex> OBS_ID	
		Verify Telemetry <div style="text-align: right;">BB_ID_per_hk HM004190</div>	= 0E520001 <hex>	AND=ZAZ9C999
		Verify Telemetry <div style="text-align: right;">OBS_ID_per_hk HM003190</div>	OBS_ID	AND=ZAZ9C999
3		<i>Clear Error</i>		Next Step: 4

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.00	Execute Telecommand HIFI_LCU_Single Command Parameter(s) : HIFI_BB_ID HP001197 LCU_cmd HP234194 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 70 Det. descr. : Send a single command to LCU	HC101289 E520001 <hex> HL_CLR_ERR	
		Verify Telemetry HL_error_flag_S HM250194	= OK	AND=HA004289
4		Set default OBSID/BBID		Next Step: END
	ET=+ UT=+00.00.00	HIFI_Set_OBS_ID HIFI_Set_OBS_ID Command Parameter(s) : HIFI_BB_ID HP001197 HIFI_OBS_ID HP000197 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID	HC014289 0 <hex> (Def) 0 <hex> (Def)	
		Verify Telemetry BB_ID_per_hk HM004190	= 0 <hex>	AND=ZAZ9C999
		Verify Telemetry OBS_ID_per_hk HM003190	= 0 <hex>	AND=ZAZ9C999
End of Procedure				