

HifiManCmd\_LCU\_comm\_FDIR\_disable  
 File: H\_FCP\_HIF\_LCDI.xls  
 Author: R. Biggins



**Procedure Summary**

**Objectives**

The objective of this procedure is to disable LCU loss of communication watchdog function

Based on procedure:  
 HifiManCmd\_LCU\_comm\_FDIR\_disable (v3)

**Summary of Constraints**

To be executed on HIFI request only

**Spacecraft Configuration**

Start of Procedure

End of Procedure

**Reference File(s)**

Input Command Sequences

Output Command Sequences  
 HFHLCDI

**Referenced Displays**

ANDs      GRDs      SLDs  
 ZAZ9C999  
 HA147289

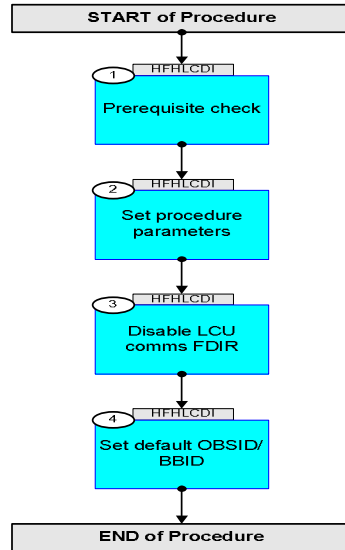
**Configuration Control Information**

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
27/11/09		1	Created	R. Biggins	
10/12/09	3	1.01	Validation : Step 3 name updated	R. Biggins	

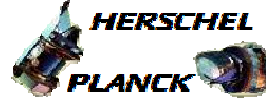
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## Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
<b>Beginning of Procedure</b>				
<p>TC Seq. Name : HFHLCDI (Disable LCU FDIR)</p> <p>TimeTag Type: N            Sub Schedule ID:</p> <p style="text-align: center;">□</p>				
1		Prerequisite check		Next Step: 2
1.1		HSC/ICC input		□
		Verify that the HSC/ICC has supplied a valid OBSID value:  OBS_ID = 0xnnnn nnnn		
2		Set procedure parameters		Next Step: 3
	ET=+ UT=+00.00.00	HIFI_Set_OBS_ID <div style="text-align: right; margin-right: 100px;">HIFI_Set_OBS_ID</div> Command Parameter(s) : <div style="text-align: right; margin-right: 100px;">HIFI_BB_ID                  HP001197</div> <div style="text-align: right; margin-right: 100px;">HIFI_OBS_ID                  HP000197</div> TC Control Flags : <div style="text-align: right; margin-right: 100px;">GBM IL DSE</div> <div style="text-align: right; margin-right: 100px;">--Y -- ---</div> Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID	HC014289	
		Verify Telemetry  BB_ID_per_hk                  HM004190	= 0F110001 <hex>	AND=ZAZ9C999
		Verify Telemetry  OBS_ID_per_hk                  HM003190	OBS_ID	AND=ZAZ9C999
3		Disable LCU comms FDIR		Next Step: 4
		Verify Telemetry  HI_au_LCUresp_S                  HM125190	= ON	AND=HA147289
	ET=+ UT=+00.00.00	HIFI_LCUonresp_chck_off <div style="text-align: right; margin-right: 100px;">HIFI_LCUonresp_chck_off</div> TC Control Flags : <div style="text-align: right; margin-right: 100px;">GBM IL DSE</div> <div style="text-align: right; margin-right: 100px;">--Y -- ---</div> Subsch. ID : 0 Det. descr. : Disables autonomous function to check LCU-HouseKeeping responses	HC202289	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Verify Telemetry HI_au_LCUresp_S                      HM125190	= OFF	AND=HA147289
4		Set default OBSID/BBID		Next Step: END
	ET=+ UT=+00.00.00	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
<b>End of Procedure</b>				