

HifiManCmd\_Standby0\_FDIR\_disable  
 File: H\_FCP\_HIF\_SODI.xls  
 Author: R. Biggins



## Procedure Summary

### Objectives

The objective of this procedure is to enable the on-board software autonomous functions (watchdog) in Standby0 mode

Based on procedure:  
 HifiManCmd\_Standby0\_FDIR\_disable (v3)

### Summary of Constraints

### Spacecraft Configuration

**Start of Procedure**

HIFI is in Standby0 mode  
 - autonomous functions enabled

**End of Procedure**

HIFI is in Standby0 mode  
 - autonomous functions disabled

### Reference File(s)

**Input Command Sequences**

**Output Command Sequences**

HFHSODI

### Referenced Displays

<b>ANDs</b>	<b>GRDs</b>	<b>SLDs</b>
ZAZ9C999		
HA147289		

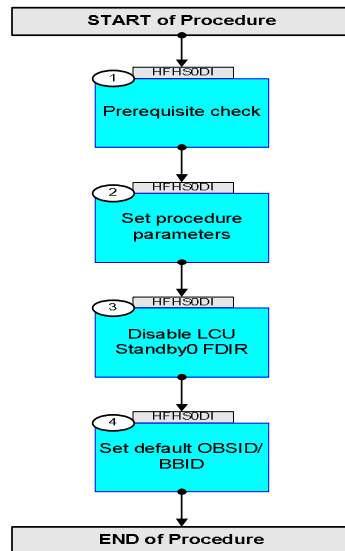
### Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
04/12/09		1	Created	R. Biggins	
10/12/09	3	2	Step 3 name updated	R. Biggins	

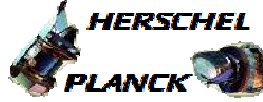
HifiManCmd\_Standby0\_FDIR\_disable  
File: H\_FCP\_HIF\_SODI.xls  
Author: R. Biggins



## Procedure Flowchart Overview



HifiManCmd\_Standby0\_FDIR\_disable  
 File: H\_FCP\_HIF\_SODI.xls  
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
<b>Beginning of Procedure</b>				
<p><i>TC Seq. Name : HFHSODI (Disable LCU watchdog)</i></p> <p><i>TimeTag Type: Y</i>  <i>Sub Schedule ID:</i></p> <p style="text-align: center;">□</p>				
1		<i>Prerequisite check</i>		Next Step: 2
1.1		<i>HSC/ICC input</i>		□
		<p>Verify that the HSC/ICC has supplied a valid OBSID value:</p> <p>OBS_ID = 0xnnnn nnnn</p>		
1.2		<i>Verify: HIFI mode</i>		□
		<p>Verify Telemetry</p> <p style="text-align: center;">HL_MODE_S                      HM258194</p> <p style="text-align: right;">= standby0</p>		AND=ZAZ9C999
2		<i>Set procedure parameters</i>		Next Step: 3
	ET=+ UT=+00.00.00	<p>HIFI_Set_OBS_ID</p> <p style="text-align: center;">HIFI_Set_OBS_ID</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">HIFI_BB_ID                      HP001197            HIFI_OBS_ID                    HP000197</p> <p>TC Control Flags :</p> <p style="text-align: center;">GBM IL DSE            --Y -- ---</p> <p>Subsch. ID : 70            Det. descr. : Set Observation-ID and Building-Block-ID</p>	HC014289	
		<p>Verify Telemetry</p> <p style="text-align: center;">BB_ID_per_hk                      HM004190</p> <p style="text-align: right;">= 0F0F0001 &lt;hex&gt;</p>		AND=ZAZ9C999
		<p>Verify Telemetry</p> <p style="text-align: center;">OBS_ID_per_hk                    HM003190</p> <p style="text-align: right;">OBS_ID</p>		AND=ZAZ9C999
3		<i>Disable LCU Standby0 FDIR</i>		Next Step: 4
		<p>Verify Telemetry</p> <p style="text-align: center;">HI_au_LCUmode_S                    HM124190</p> <p style="text-align: right;">= ON</p>		AND=HA147289

HifiManCmd\_Standby0\_FDIR\_disable  
 File: H\_FCP\_HIF\_SODI.xls  
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.00	HIFI_LCUmode_check_off  <b>HIFI_LCUmode_check_off</b>  <i>TC Control Flags :</i>  Subsch. ID : 0 Det. descr. : Disables autonomous function to check LCU-standby0 mode  GBM IL DSE --Y -- --	HC204289	
		Verify Telemetry  <b>HI_au_LCUmode_S</b> <b>HM124190</b>	= OFF	AND=HA147289
4		Set default <i>OBSID/BBID</i>		Next Step: END
	ET=+ UT=+00.00.00	HIFI_Set_OBS_ID  <b>HIFI_Set_OBS_ID</b>  <i>Command Parameter(s) :</i> <b>HIFI_BB_ID</b> <b>HP001197</b> <b>HIFI_OBS_ID</b> <b>HP000197</b>  <i>TC Control Flags :</i>  Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID  GBM IL DSE --Y -- --	HC014289  0 <hex> (Def) 0 <hex> (Def)	
		Verify Telemetry  <b>BB_ID_per_hk</b> <b>HM004190</b>	= 0 <hex>	AND=ZAZ9C999
		Verify Telemetry  <b>OBS_ID_per_hk</b> <b>HM003190</b>	= 0 <hex>	AND=ZAZ9C999
<b>End of Procedure</b>				