

Disable the Local Oscillator Unit
 File: H_FCP_HIF_LDIS.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to disable the Local Oscillator Unit

Based on procedure:
 HifiManCmd_LO_disable (v2)

Summary of Constraints

Spacecraft Configuration

Start of Procedure

HIFI in Standby1 or Normal mode
 - LOU is enabled

End of Procedure

HIFI in Standby1 or Normal mode
 - LOU is disabled

Reference File(s)

Input Command Sequences

Output Command Sequences

HFHLDIS

Referenced Displays

ANDs GRDs SLDS
 ZAZ9C999

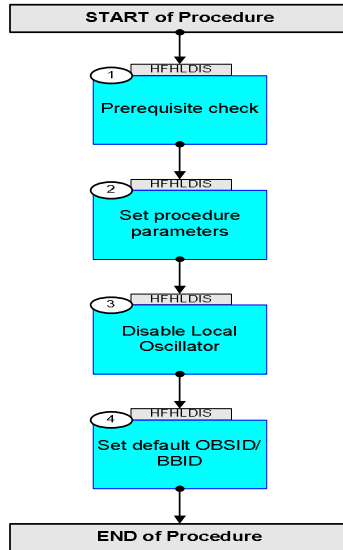
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
14/04/09	2.3	1	Created	R. Biggins	
26/11/09		2	Updates due to Prime unit failure resulting in new operation scheme - Step 1.2 added to check mode - Procedure cover updated	R. Biggins	
02/02/10	3	3	All ET times removed	R. Biggins	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.00	HIFI_HL_Standby HIFI_HL_Standby <i>Command Parameter(s) :</i> HIFI_BB_ID HP001197 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- <i>Subsch. ID : 70</i> Det. descr. : Send single command to switch LCU to standby	HC081289 EB70001 <hex>	
	ET=+ UT=+00.00.01	HIFI_Conf_LCU_internal HIFI_Conf_LCU_internal <i>Command Parameter(s) :</i> HIFI_BB_ID HP001197 HL_bandmask HP444194 HL_ign_lsu_ftm HP445194 HL_ign_lsu_lck HP446194 HL_LSU_delta_f HP443194 <i>Subsch. ID : 70</i> Det. descr. : Commands Internal parameters (bandmask, ign-flags delta_f)	HC034289 EB70001 <hex> 0 <dec> (Def) RESET (Def) RESET (Def) DELTA_F	
4		Set default OBSID/BBID		Next Step: END
	ET=+ UT=+00.00.01	HIFI_Set_OBS_ID HIFI_Set_OBS_ID <i>Command Parameter(s) :</i> HIFI_BB_ID HP001197 HIFI_OBS_ID HP000197 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- <i>Subsch. ID : 70</i> 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				