

HifiManCmd_LOU_FDIR_enable
 File: H_FCP_HIF_LTEN.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to enable and modify FDIR limits for LOU operational temperatures

Based on procedure:
 HifiManCmd_LOU_FDIR_enable (v3)

Summary of Constraints

Spacecraft Configuration

Start of Procedure

End of Procedure

Reference File(s)

Input Command Sequences

Output Command Sequences
 HFHLTEN

Referenced Displays

ANDs	GRDs	SLDs
ZAZ9C999		
HA147289		

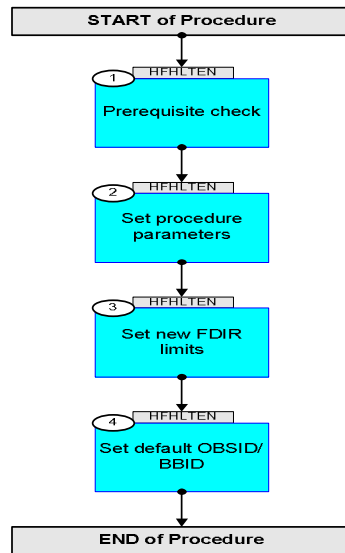
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
04/12/09		1	Created	R. Biggins	
04/12/09	3	1.01	Validation : Cover sheet 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				
TC Seq. Name : HFHLTEN (Enable LOU limits) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
1		Prerequisite check		Next Step: 2
1.1		HSC/ICC input		<input type="checkbox"/>
		Verify that the HSC/ICC has supplied a valid OBSID value: OBS_ID = 0xnnnn nnnn		
		Verify that the ICC has supplied valid values: NBREACH = 10 <def> MAX_T = 140 <def> MIN_T = 110 <def>		
2		Set procedure parameters		Next Step: 3
	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 0F0D0001 <hex> OBS_ID	
		Verify Telemetry BB_ID_per_hk HM004190	= 0F0D0001 <hex>	AND=ZAZ9C999
		Verify Telemetry OBS_ID_per_hk HM003190	OBS_ID	AND=ZAZ9C999
3		Set new FDIR limits		Next Step: 4
		Verify Telemetry HI_auto_LOU_S HM122190	= OFF	AND=HA147289

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	HIFI_LOU_T_check_on HIFI_LOU_T_check_on <i>Command Parameter(s) :</i> HIF_N_breach HP013197 HIF_LOU_Max_T HP460197 HIF_LOU_Min_T HP461197 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- <i>Subsch. ID : 70</i> Det. descr. : Enables autonomous function to check LOU temperature	HC197289 NBREACH MAX_T MIN_T	
		Verify Telemetry HI_auto_LOU_S HM122190	= ON	AND=HA147289
4		Set default OBSID/BBID		Next Step: END
	ET=+ UT=+00.00.00	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				