

HIFI Closed-Loop Health Check
 File: H_COP_HIF_CPR3.xls
 Author: R. Biggins



Procedure Summary

Objectives

This is a high-level procedure covering the following activity as defined in the HIFI Commissioning Plan:
 HIFI-COP-1.1-CPR3

This also includes the procedure to change the context from OPEN to CLOSE which is not included in the timeline but is required

Summary of Constraints

RT Science (VC1) is NOT required for this activity

The activity H_COP_HIF_CPR2 must have been completed

Spacecraft Configuration

Start of Procedure

End of Procedure

Reference File(s)

Input Command Sequences

Output Command Sequences

Referenced Displays

ANDs GRDs SLDs

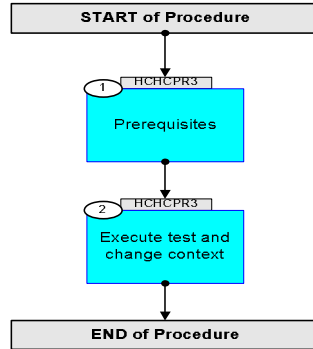
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
09/04/09	2.3	1	Created	R. Biggins	
25/11/09	3	2	Updates due to Prime unit failure resulting in new operation scheme - Updated for redundant unit procedures	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				
<p><i>TC Seq. Name : HCHCPR3 (Closed-Loop Health)</i></p> <p><i>TimeTag Type:</i> <i>Sub Schedule ID:</i></p> <p style="text-align: center;">□</p>				
1		<i>Prerequisites</i>		Next Step: 2
		Verify: The activity H_COP_HIF_CPR2 has been completed		
1.1		<i>Verify HSC/ICC inputs</i>		□
		Verify: The following inputs have been supplied by the HCS/ICC		
		FP: OBS_ID (2 required) CONTEXT [= CLOSE] CHOPPER [= -1.07]		
2		<i>Execute test and change context</i>		Next Step: END
		Execute the following procedures in the defined order. <i>Duration ~16 minutes</i>		
		PROCEDURE: H_FCP_HIF_RCXT [HFHRCXT] FP: OBS_ID CONTEXT [= CLOSE] CHOPPER [= -1.07]		
		PROCEDURE: H_FCP_HIF_RHC3 [HFHRHC3] FP: OBS_ID		
End of Procedure				