SPEC SCAL PID Tuning Tests
File: H_COP_SPI_SPPD.xls
Author: L.Lucas-hp

Procedure Summary

Objectives

The objective of this procedure is to stipulate which two procedures are require for the Spectrometer SCAL PID Tuning tests.

Summary of Constraints

The saved stack files should have been generated prior to the DTCP and sent to the HSC/ICC as defined in the procedure H_GSP_MCS_MSTK.

2 OBS_ID values are required from the HSC.

Spacecraft Configuration

Start of Procedure

n/a

End of Procedure

n/a

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
27/02/09	2.1	1	Created	L.Lucas-hp	

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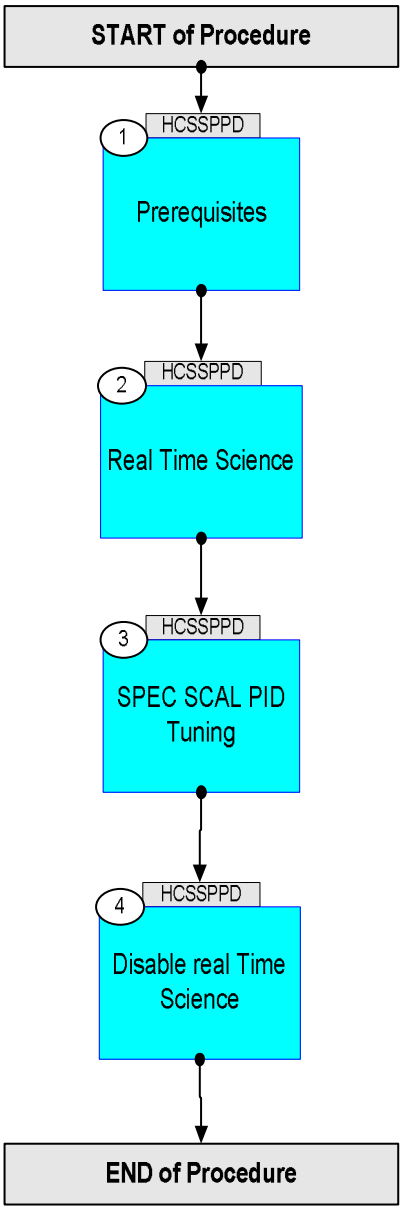
Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Beginning of Procedure		
		TC Seq. Name :HCSSPPD (SPEC SCAL PID Tuning) *TimeTag Type:* *Sub Schedule ID:*		
1		*Prerequisites*		Next Step: 2
		The following test consists of one activity. An activity is represented by one saved stack file to be generated prior to the DTCP. Each stack should allso be delivered to the HSC/ICC using the procedure defined in **H_GSP_MCS_MSTK**		
		NOTE: Naming Convention for saved stack file: **yyyymmdd_nnnn_H_SAVED_xxvv** yyyy = Year *[of expected uplink]* mm = Month *[of expected uplink]* dd = Day *[of expected uplink]* nnnn = OD *[of expected uplink]* xx = TSF number (defined in each activity) vv = version number		
		Note: The two procedures defined below should be brought together into the TBC saved stack file prior to the DTCP: **yyyymmdd_nnnn_H_SAVED_xxvv** This file is then called up and executed on the manual stack during the DTCP.		
1.1		*Verify HSC/ICC inputs*		
		Prerequisites, verify: **DPU s/w version/subversion** **SPU s/w version/subversion** FP: OBS_ID (quantity 2)		
2		*Real Time Science*		Next Step: 3
2.1		*Verify Real Time Science is Available.*		
		Real Time Science data is required. Check the NCTRS for VC1.		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		If VC1 is not available, consult with SOM. Upon confirmation from SOM, run the following procedure to enable RTS. PROCEDURE: **H_FCP_DHS_1013A [HFD1013A]**		
3		*SPEC SCAL PID Tuning*		Next Step: 4
		Note: The two procedures defined below should be brought together into the TBC saved stack file prior to the DTCP: **yyyymmdd_nnnn_H_SAVED_xxvv** This file is then called up and executed on the manual stack during the DTCP.		
3.1		*Activity procedures*		□
		Run the following two, 2 procedures.		
3.1.1		*SPEC SCAL 2 PID Tuning*		□
		PROCEDURE: **H_COP_SPI_SC2P [HCSSC2P]** FP: **OBS_ID**		
3.1.2		*SPEC SCAL 4 PID Tuning*		□
		PROCEDURE: **H_COP_SPI_SC4P [HCSSC4P]** FP: **OBS_ID**		
4		*Disable real Time Science*		Next Step: END
		Real Time Science data is no longer required.		
		Consult with SOM. Upon confirmation from SOM, run the following procedure to disable RTS. PROCEDURE: **H_FCP_DHS_1013B [HFD1013B]**		
		End of Procedure		