

ACMS SCM Line Scans Functional Check
 File: H_COP_AOC_0670.xls
 Author: dsalt-hp



Procedure Summary

Objectives

The objective of this Herschel ACMS commissioning procedure is to perform the line scan functional check.

The procedure involves the following activities:

- command SSO tracking
(calls H_FCP_AOC_3S05)
- command Line Scan at highest rate
(calls H_FCP_AOC_3S03)
- command Line Scan at lowest rate
(calls H_FCP_AOC_3S03)
- command SCM Fine Pointing
(calls H_FCP_AOC_3S01)

Summary of Constraints

To be executed in accordance with the Herschel commissioning plan and associated timeline

Spacecraft Configuration

Start of Procedure

S/C in SCM

End of Procedure

S/C in SCM

Reference File(s)

Input Command Sequences

Output Command Sequences

Referenced Displays

ANDs GRDs SLDs

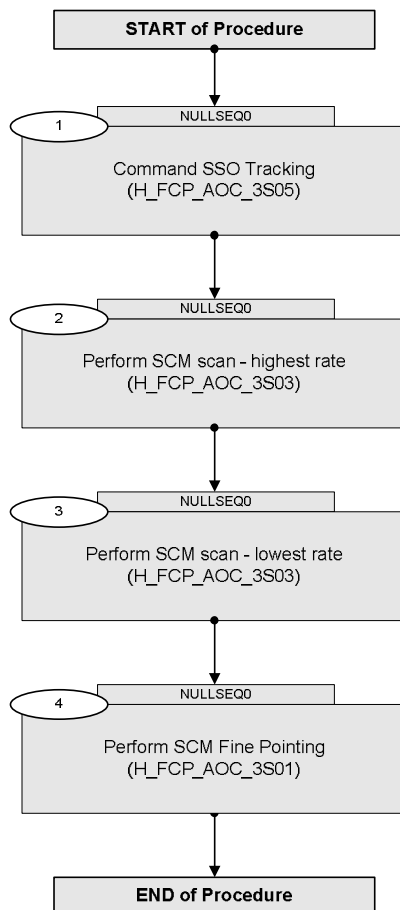
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
22/04/09	2.3	1	Created	dsalt-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 : NULLSEQ0 ()				
TimeTag Type: Sub Schedule ID: □				
1		Command SSO Tracking (H_FCP_AOC_3S05)		Next Step: 2
		Execute procedure H_FCP_AOC_3S05 (Command SSO Tracking) using a specific instance of TPF=TRK generated by FD		
		Execute Procedure: H_FCP_AOC_3S05 Command SSO Tracking		
2		Perform SCM scan - highest rate (H_FCP_AOC_3S03)		Next Step: 3
		Execute procedure H_FCP_AOC_3S03 (Perform SCM scan) using a specific instance of TPF=LSC generated by FD to command: - Highest Rate Line Scan (OTF=high AND pointing duration of previous command exceeded AND STR thermally stable)		
		Execute Procedure: H_FCP_AOC_3S03 Perform SCM scan		
3		Perform SCM scan - lowest rate (H_FCP_AOC_3S03)		Next Step: 4
		Execute procedure H_FCP_AOC_3S03 (Perform SCM scan) using a specific instance of TPF=LSC generated by FD to command: - Lowest Rate Line Scan (OTF=high AND pointing duration of previous command exceeded AND STR thermally stable)		
		Execute Procedure: H_FCP_AOC_3S03 Perform SCM scan		
4		Perform SCM Fine Pointing (H_FCP_AOC_3S01)		Next Step: END

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		<i>Execute procedure H_FCP_AOC_3S01 (Perform SCM Fine Pointing) using a specific instance of TPF=SFP generated by FD</i>		
		Execute Procedure: H_FCP_AOC_3S01 Perform SCM Fine Pointing		
End of Procedure				