

ACMS SCM Rasters Functional Check pt2
 File: H_COP_AOC_0662.xls
 Author: dsalt-hp



Procedure Summary

Objectives

The objective of this Herschel ACMS commissioning procedure is to perform the 2nd part of the raster functional check.

The procedure involves the following activities:

- command SCM Fine Pointing to the CP raster OFF position (calls H_FCP_AOC_3S01)
- disable STR-GYR cross check
- command CP-raster pointing (calls H_FCP_AOC_3S02)
- enable STR-GYR cross check
- 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

HCA0662A
 HCA0662B

Referenced Displays

ANDs **GRDs** **SLDs**
 ZAA06999

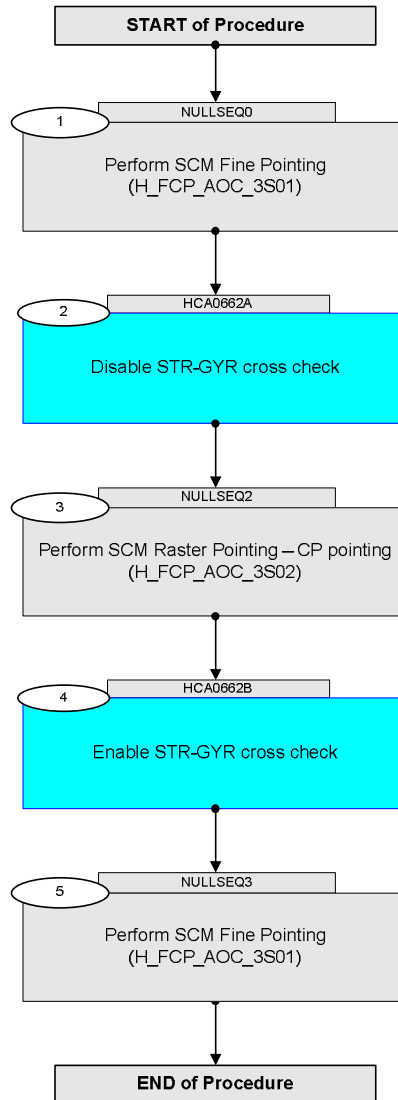
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
22/04/09	2.3	1	Created	dsalt-hp	

ACMS SCM Rasters Functional Check pt2
File: H_COP_AOC_0662.xls
Author: dsalt-hp



Procedure Flowchart Overview



ACMS SCM Rasters Functional Check pt2
 File: H_COP_AOC_0662.xls
 Author: dsalt-hp



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
TC Seq. Name : NULLSEQ0 () TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
1		Perform SCM Fine Pointing (H_FCP_AOC_3S01)		Next Step: 2
		Execute procedure H_FCP_AOC_3S01 (Perform SCM Fine Pointing) using a specific instance of TPF=SFP generated by FD to command OFF position for CP raster		
		Execute Procedure: H_FCP_AOC_3S01 Perform SCM Fine Pointing		
TC Seq. Name : HCA0662A (DisableSTR_GYR_Xcheck) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
2		Disable STR-GYR cross check		Next Step: 3
		Execute Telecommand <div style="text-align: right;">DisChkGYR-STR cross</div> Command Parameter(s) : DisChk DF86Cmd AH8C1001 Enable 86 DisChk DD86Cmd AH8C2001 Enable 86 TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 20 Det. descr. : TC(8,1) - Disable check FDIR - DisChkGYR-STR cross	ACY8F109	

ACMS SCM Rasters Functional Check pt2
 File: H_COP_AOC_0662.xls
 Author: dsalt-hp



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: center;">Fire Disable Check</p> Command Parameter(s) : FireFun DF86Cmd AH8F1001 Enable 86 FireFun DD86Cmd AH8F2001 Enable 86 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(8,4) Fire Command - Fire Disable Check	ACZ7M109	
		Verify Telemetry <p style="text-align: center;">GYRSTR xchk AES57002</p>	= Disabled	AND-ZAA06999
TC Seq. Name : NULLSEQ2 () TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
3		Perform SCM Raster Pointing - CP pointing (H_FCP_AOC_3S02)		Next Step: 4
		Execute procedure H_FCP_AOC_3S02 (Perform SCM Raster Pointing) using a specific instance of TPF=RAS generated by FD to command CP-raster (OTF=high AND pointing duration of previous command exceeded AND STR thermally stable)		
		Execute Procedure: H_FCP_AOC_3S02 Perform SCM Raster Pointing		
TC Seq. Name : HCA0662B (EnableSTR_GYR_Xcheck) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
4		Enable STR-GYR cross check		Next Step: 5

