ACMS Gyro Bias Drift Calibration #2
File: H_COP_AOC_0682.xls
Author: dsalt-hp

Procedure Summary

Objectives

The objective of this Herschel ACMS commissioning procedure is to
acquire the attitude to enable the 2nd part of the GYR bias drift
calibration.

The procedure involves the following activities:
- command slew to SCM Fine Pointing attitude
  (calls H_FCP_AOC_3S01)

NOTE: It should be performed 1 day after the 1st part

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
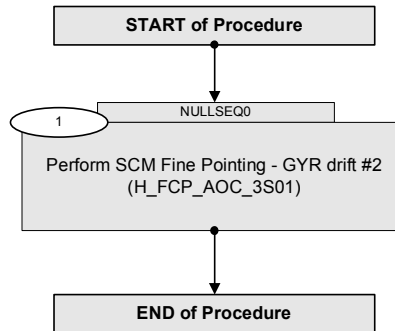
Referenced Displays

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

```
          ┌─────────────────────────┐
          │    START of Procedure    │
          └─────────────────────────┘
                       │
                       ▼
              ┌─────NULLSEQ0──────┐
      ( 1 )───┤                    │
          │  Perform SCM Fine Pointing - GYR drift #2 │
          │        (H_FCP_AOC_3S01)         │
          └────────────────────────────────┘
                       │
                       ▼
          ┌─────────────────────────┐
          │     END of Procedure     │
          └─────────────────────────┘
```

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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		*Perform SCM Fine Pointing - GYR drift #2 (H_FCP_AOC_3S01)*		Next Step: END
		***** ALERT ***** ***This procedure should be performed 1 day after ACMS Gyro Bias Drift Calibration #1***		
		Execute procedure H_FCP_AOC_3S01 (Perform SCM Fine Pointing) using the specific instance of TPF=SFP generated by FD to command the following slew to: ***- roll angle = 0, SAA between 85 and 95 deg with sufficient stars to enable interlacing***		
		Execute Procedure: **H_FCP_AOC_3S01** *Perform SCM Fine Pointing*		
		NOTE: *FD will use MTM to determine GYR bias drift and calculate new values of the relevant OBDB parameters to update GYR biases*		
**End of Procedure**				