

PACS_Spec_Gra_IST_Enable_OBS
 File: H_COP_PAC_GX03.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to enable the grating controller

Based on procedure:
 PACS_Spec_Gra_IST_Enable_OBS (v1)

Summary of Constraints

This procedure may only be executed in cold conditions

This procedure should be executed on PACS request only

Spacecraft Configuration

Start of Procedure

PACS in NO_PRIME (SAFE) mode

End of Procedure

PACS in NO_PRIME (SAFE) mode

Reference File(s)

Input Command Sequences

Output Command Sequences

HCPGX03

Referenced Displays

ANDs GRDs SLDs

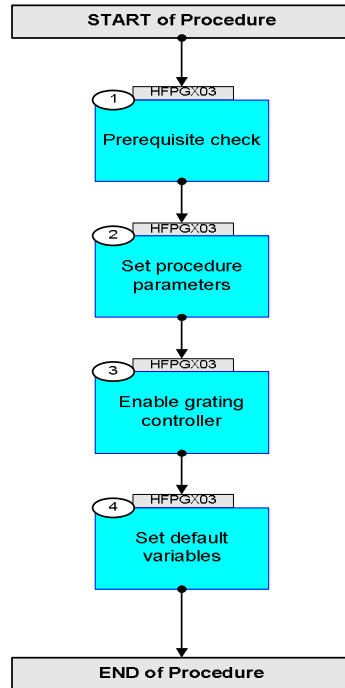
Configuration Control Information

| DATE | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION | AUTHOR | SPR REF |
|----------|-----------|---------|---|------------|---------|
| 22/10/08 | 2 | 1 | Created | R. Biggins | |
| 15/04/09 | 2.3 | 2 | Final updates before flight - Summary updated - TC flags updated - TM checks removed (not produced in SAFE mode) | 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 | | | | |
| <i>TC Seq. Name : HCPGX03 (Enable Grating)</i> <i>TimeTag Type: B</i> <i>Sub Schedule ID:</i> <input type="checkbox"/> | | | | |
| 1 | | <i>Prerequisite check</i> | | Next Step: 2 |
| 1.1 | | <i>HSC/ICC input</i> | | <input type="checkbox"/> |
| | | Verify that the HSC/ICC has supplied a valid OBSID value: OBS_ID = 0xnnnn nnnn | | |
| 2 | | <i>Set procedure parameters</i> | | Next Step: 3 |
| | ET=+00.00.00 UT=+00.00.00 | DMC_SET_OBSID <i>Command Parameter(s) :</i> OBSERVATION_ID PP069420 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- <i>Subsch. ID : 90</i> <i>Det. descr. : SET OBSID IN DMC</i> | PC078420 OBS_ID | |
| 3 | | <i>Enable grating controller</i> | | Next Step: 4 |
| | ET=+00.00.01 UT=+00.00.01 | DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT <i>Subsch. ID : 90</i> <i>Det. descr. : ENABLE GRATING CONTROLLER</i> | PC110420 | |
| 4 | | <i>Set default variables</i> | | Next Step: END |
| | ET=+00.00.01 UT=+00.00.01 | DMC_SET_OBSID <i>Command Parameter(s) :</i> OBSERVATION_ID PP069420 <i>Subsch. ID : 90</i> <i>Det. descr. : SET OBSID IN DMC</i> | PC078420 00000000 <hex> | |

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| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|-------------------------|------------------------------|---|--------------------------------|-----------------|
| | ET=+00.00.00 UT=+00.00.00 | DMC_SET_BBID DMC_SET_BBID <i>Command Parameter(s) :</i> BUILDING_BLOCK_ID PP070420 <i>Subsch. ID : 90</i> <i>Det. descr. : SET BBID IN DMC</i> | PC079420 40000000 <hex> | |
| End of Procedure | | | | |