

Set SCBP 7 (burst mode)
 File: H_FCP_DHS_1023.xls
 Author: L.Lucas-hp



Procedure Summary

Objectives

Disable RT BURST configuration (default action prior to setting any SCBP).
 Select SCBP for burst mode

Summary of Constraints

none

Spacecraft Configuration

Start of Procedure

any

End of Procedure

unchanged but configuration for BURST is disabled and SCBP 7 selected.

Reference File(s)

Input Command Sequences

Output Command Sequences

HFD1023

Referenced Displays

ANDs GRDs SLDs

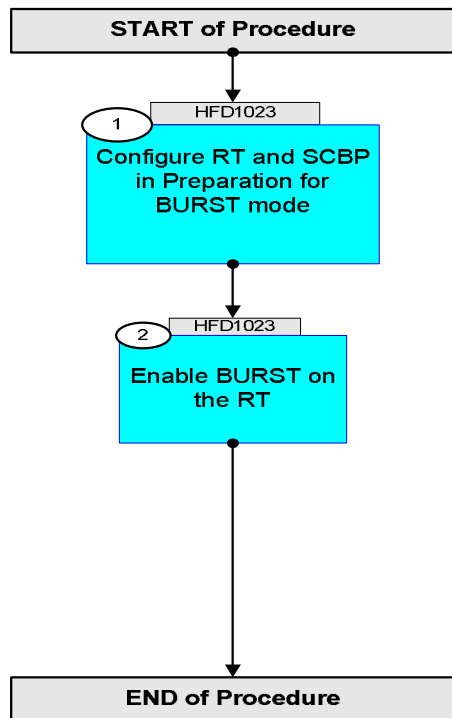
Configuration Control Information

| DATE | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION | AUTHOR | SPR REF |
|----------|-----------|---------|--|---------------|---------|
| 04/06/08 | | 1 | Created | cmevi-hp | |
| 07/07/08 | | 2 | DB checked. | cmevi-hp | |
| 09/07/08 | | 3 | Sequence flag modified. | cmevi-hp | |
| 29/07/08 | 1 | 4 | New DB for "Theoretical Model HERSCH_FM9" checked. | cmevi-hp | |
| 09/12/08 | 2 | 5 | DB check against OBSW 3_6_2, added procedure title | S. Manganelli | |
| 27/08/09 | 2.5 | 6 | Updated timings | L.Lucas-hp | |

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Procedure Flowchart Overview



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|---|--|

| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch | AIT Comment |
|-------------------------------|---------|--|--------|-------------------|-------------|
| Beginning of Procedure | | | | | |
| | HFD1023 | TC Seq. Name :HFD1023 (SDB Burst mode) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/> | | | |
| 1 | | Configure RT and SCBP in Preparation for BURST mode | | Next Step: 2 | |
| | | Prior to BURST, the RT configuration must be disabled and the SCBP profile set to BURST Please perform this step at least one second before step 2. | | | |
| 1.1 | | Configure RT so that BURST is disabled | | | |
| | | Execute Telecommand <div style="text-align: right; margin-right: 100px;">ConfRTBurst</div> <div style="text-align: right; margin-right: 100px;">DC002161</div> Command Parameter(s) : <div style="display: flex; justify-content: space-between; margin-left: 100px;"> EOD DH009161 DISABLED </div> <div style="display: flex; justify-content: space-between; margin-left: 100px;"> RT DH010161 PACS </div> TC Control Flags : <div style="display: flex; justify-content: space-between; margin-left: 100px;"> GBM IL DSE </div> <div style="display: flex; justify-content: space-between; margin-left: 100px;"> --Y -- --- </div> Subsch. ID : 10 Det. descr. : Configure RT Burst Mode | | TC | |
| 1.2 | | Configure bus profile to 7 (burst mode) | | | |
| | | Execute Telecommand <div style="text-align: right; margin-right: 100px;">SelectActiveSCBP</div> <div style="text-align: right; margin-right: 100px;">DC819160</div> Command Parameter(s) : <div style="display: flex; justify-content: space-between; margin-left: 100px;"> SCBP DH049160 7 <dec> </div> TC Control Flags : <div style="display: flex; justify-content: space-between; margin-left: 100px;"> GBM IL DSE </div> <div style="display: flex; justify-content: space-between; margin-left: 100px;"> --Y -- --- </div> Subsch. ID : 10 Det. descr. : Select Active SCBP from SCBP Table | | TC | |
| 2 | | Enable BURST on the RT | | Next Step: END | |
| | | This step enables BURST on the RT. Please perform this step at least one second after step 1. | | | |

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|---|--|

| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch | AIT Comment |
|-------------------------|----------------------|--|-------------------------------------|-----------------|-------------|
| | ET=+ UT=+00.00.01 | Execute Telecommand ConfRTBurst <i>Command Parameter(s) :</i> EOD DH009161 RT DH010161 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Configure RT Burst Mode | DC002161 ENABLED PACS | TC | |
| End of Sequence | | | | | |
| End of Procedure | | | | | |