

SPIRE_IST_DNS_SPEC Apply nominal Spectrometer detector settings
 File: H_COP_SPI_ASDS.xls
 Author: L.Lucas-hp



Procedure Summary

Objectives

The purpose of this procedure is to apply nominal Spectrometer detector settings.

This is an auxillary procedure. No TM monitoring by MOC will be necessaryfor this procedure.

Based on procedure: SPIRE-CP-DNS-SPEC
 Name:SPIRE_IST_DNS_SPEC
 Version number:1
 Generated:05/06/2009

Summary of Constraints

n/a

Spacecraft Configuration

Start of Procedure

Mode = REDY

End of Procedure

Reference File(s)

Input Command Sequences

Output Command Sequences

HCSASDS

Referenced Displays

ANDs **GRDs** **SLDs**
 ZAZ90999

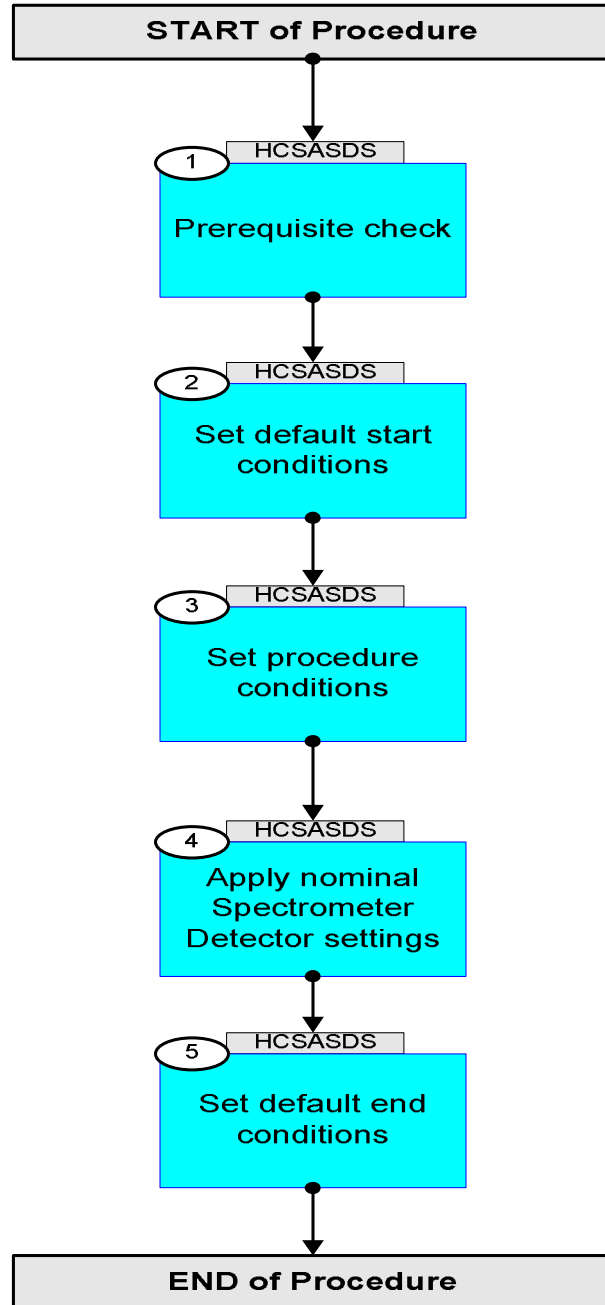
Configuration Control Information

| DATE | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION | AUTHOR | SPR REF |
|----------|-----------|---------|-----------------------------|------------|---------|
| 19/04/09 | | 1 | Created | L.Lucas-hp | |
| 21/04/09 | 2.3 | 1.01 | Validation : Text updates | L.Lucas-hp | |
| 04/05/09 | 2.4 | 2 | Remove ET | L.Lucas-hp | |
| 06/06/09 | 2.5 | 3 | Updates received from SPIRE | L.Lucas-hp | |

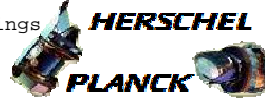
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Procedure Flowchart Overview

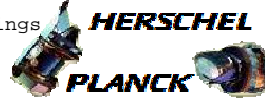


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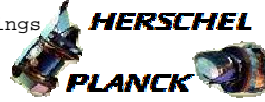
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|---|----------------------|---|--|--------------------------|
| Beginning of Procedure | | | | |
| TC Seq. Name : HCSASDS (SPEC Detect Settings) | | | | |
| TimeTag Type: Y Sub Schedule ID: <input type="checkbox"/> | | | | |
| 1 | | Prerequisite check | | Next Step: 2 |
| 1.1 | | HSC/ICC input | | <input type="checkbox"/> |
| | | Verify that the HSC has supplied a valid OBSID value: OBS_ID = 0xnnnn nnnn | | |
| 1.2 | | Verify TM | | <input type="checkbox"/> |
| 2 | | Set default start conditions | | Next Step: 3 |
| | | Note that a TM(5,1) packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands | | |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SET_OBS_STEP SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID SC001500 80010001 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = ClearObs | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SET_OBS_STEP SC003500 1 <hex> | |

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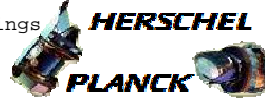
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|---|-----------------|
| | ET=+ UT=+00.00.01 | SET_OBSID Command Parameter(s) : OBSERVATION_ID Subsch. ID : 370 Det. descr. : SET OBSERVATION IDENTIFIER | SET_OBSID SP00N500 00000000 <hex> | |
| | | Verify Telemetry OBSID SM10N500 | = 00000000 <hex> | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SET_OBS_STEP SP03N500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID SP01N500 80000000 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = Null | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SET_OBS_STEP SP03N500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID SP01N500 80020001 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = StartObs | AND=ZAZ90999 |
| 3 | | Set procedure conditions | | Next Step: 4 |

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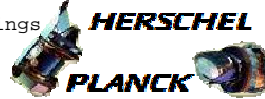
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|--------------------------------|-----------------|
| | ET=+ UT=+00.00.00 | RESET_DRCU_COUNTERS Subsch. ID : 370 Det. descr. : RESET DRCU COUNTERS | SCD00505 | |
| | | Verify that the TRESET parameter has the same value as the THSK parameter TRESET SM01T500 | same as THSK | AND=ZAZ90999 |
| | | THSK SM00T500 | any | AND=ZAZ90999 |
| | | Note that a TM(5,1) packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands | | |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |
| | ET=+ UT=+00.00.01 | SET_OBSID Command Parameter(s) : OBSERVATION_ID SP00N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION IDENTIFIER | SC000500 OBS_ID | |
| | | Verify Telemetry OBSID SM10N500 | OBS_ID | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80000000 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = Null | AND=ZAZ90999 |

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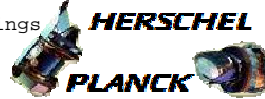
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|---|-----------------|
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 88270001 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = Setup_SF_Data | AND=ZAZ90999 |
| 4 | | Apply nominal Spectrometer Detector settings | | Next Step: 5 |
| | | NO TM checks are required for this step of the procedure. | | |
| | ET=+ UT=+00.00.02 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843000ff <hex> 0 <hex> (Def) | |

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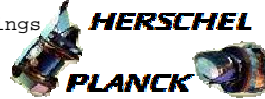
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|---|-----------------|
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843c0004 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843d0000 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 84390079 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 84380001 <hex> 0 <hex> (Def) | |

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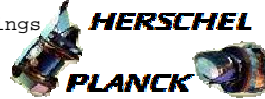
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|---|-----------------|
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 8431002d <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 8432002d <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843a0084 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843b0086 <hex> 0 <hex> (Def) | |

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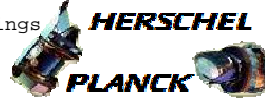
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|--------------------------------|-----------------|
| | ET=+ UT=+00.00.01 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.00 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80000000 <hex> | |
| | ET=+ UT=+00.00.02 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.00 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 88360001 <hex> | |
| | ET=+ UT=+00.00.02 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |

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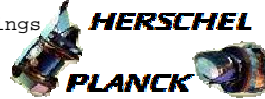
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|---|-----------------|
| | ET=+ UT=+00.00.00 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0000 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | FLUSH_FIFO FLUSH_FIFO Command Parameter(s) : FIFOFLAGS SPD0N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM FIFOS AND FLUSH CONTENTS | SCD01505 1000 <hex> | |
| | ET=+ UT=+00.00.03 | RESET_FIFOS RESET_FIFOS Command Parameter(s) : RESETFLAGS SPDDN505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : RESET FIFOS | SCD07505 7000 <hex> | |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80000000 <hex> | |

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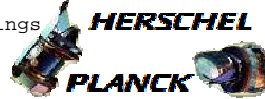
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|---|-----------------|
| | ET=+ UT=+00.00.01 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.00 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 881f0001 <hex> | |
| | ET=+ UT=+00.00.02 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843c0014 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.00 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- -- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0001 <hex> 0 <hex> (Def) | |

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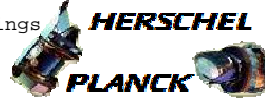
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|--|---|-----------------|
| | ET=+ UT=+00.00.02 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0000 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.00 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843c001c <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0001 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.03 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0000 <hex> 0 <hex> (Def) | |

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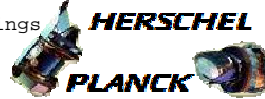
| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|---|-----------------|
| | ET=+ UT=+00.00.01 | <p>FLUSH_FIFO</p> <p style="text-align: right;">FLUSH_FIFO</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">FIFOFLAGS SPD0N505</p> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --- -- ---</p> <p>Subsch. ID : 370 Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM FIFOS AND FLUSH CONTENTS</p> | <p>SCD01505</p> <p>1000 <hex></p> | |
| | ET=+ UT=+00.00.01 | <p>SET_OBS_STEP</p> <p style="text-align: right;">SET_OBS_STEP</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">OBSERVATION_STEP SP03N500</p> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --- -- ---</p> <p>Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP</p> | <p>SC003500</p> <p>0 <hex></p> | |
| | ET=+ UT=+00.00.00 | <p>SET_BBID</p> <p style="text-align: right;">SET_BBID</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">BUILDING_BLOCK_ID SP01N500</p> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --- -- ---</p> <p>Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER</p> | <p>SC001500</p> <p>80000000 <hex></p> | |
| | ET=+ UT=+00.00.02 | <p>SET_OBS_STEP</p> <p style="text-align: right;">SET_OBS_STEP</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">OBSERVATION_STEP SP03N500</p> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --- -- ---</p> <p>Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP</p> | <p>SC003500</p> <p>0 <hex></p> | |
| | ET=+ UT=+00.00.01 | <p>SET_BBID</p> <p style="text-align: right;">SET_BBID</p> <p>Command Parameter(s) :</p> <p style="text-align: center;">BUILDING_BLOCK_ID SP01N500</p> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --- -- ---</p> <p>Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER</p> | <p>SC001500</p> <p>88350001 <hex></p> | |

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| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|---|-------------------|
| | ET=+ UT=+00.00.01 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843d0000 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.00 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843c0004 <hex> 0 <hex> (Def) | |
| | ET=+ UT=+00.00.01 | SEND_DRCU_COMMAND SEND_DRCU_COMMAND Command Parameter(s) : DRCUCOMMAND SPD4N505 OVERRIDE SPD9N505 TC Control Flags : GBM IL DSE --- -- --- Subsch. ID : 370 Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505 843e0001 <hex> 0 <hex> (Def) | |
| 5 | | Set default end conditions | | Next Step: END |
| | | Note that a TM(5,1) packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands | | |

SPIRE_Ist_DNS_SPEC Apply nominal Spectrometer detector settings
 File: H_COP_SPI_ASDS.xls
 Author: L.Lucas-hp



| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|----------|----------------------|---|--------------------------------|-----------------|
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80000000 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = Null | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80030001 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = EndObs | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 1 <hex> | |
| | ET=+ UT=+00.00.01 | SET_OBSID SET_OBSID Command Parameter(s) : OBSERVATION_ID SP00N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION IDENTIFIER | SC000500 00000000 <hex> | |

SPIRE_IST_DNS_SPEC Apply nominal Spectrometer detector settings
 File: H_COP_SPI_ASDS.xls
 Author: L.Lucas-hp



| Step No. | Time | Activity/Remarks | TC/TLM | Display/ Branch |
|-------------------------|----------------------|--|--------------------------------|-----------------|
| | | Verify Telemetry OBSID SM10N500 | = 00000000 <hex> | AND=ZAZ90999 |
| | ET=+ UT=+00.00.00 | SET_OBS_STEP SET_OBS_STEP Command Parameter(s) : OBSERVATION_STEP SP03N500 Subsch. ID : 370 Det. descr. : SET OBSERVATION STEP | SC003500 0 <hex> | |
| | ET=+ UT=+00.00.01 | SET_BBID SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID SP01N500 Subsch. ID : 370 Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500 80000000 <hex> | |
| | | Verify Telemetry BBFULLTYPE SM2LN500 | = Null | AND=ZAZ90999 |
| End of Procedure | | | | |