

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



## Procedure Summary

### Objectives

This procedure will perform Spectrometer detector phase-ups (240).

Based on procedure: SPIRE-CP-PHASEUP-SPEC240  
 Name:SPIRE\_IST\_PHASEUP\_SPEC240  
 Version number:4  
 Generated:27/03/2009

### Summary of Constraints

- Cooler is recycled, the detector temperatures are at <300 mK and as stable as possible

### Spacecraft Configuration

#### Start of Procedure

Mode = REDY

#### End of Procedure

Mode = REDY

### Reference File(s)

#### Input Command Sequences

#### Output Command Sequences

HCSSPU2

### Referenced Displays

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

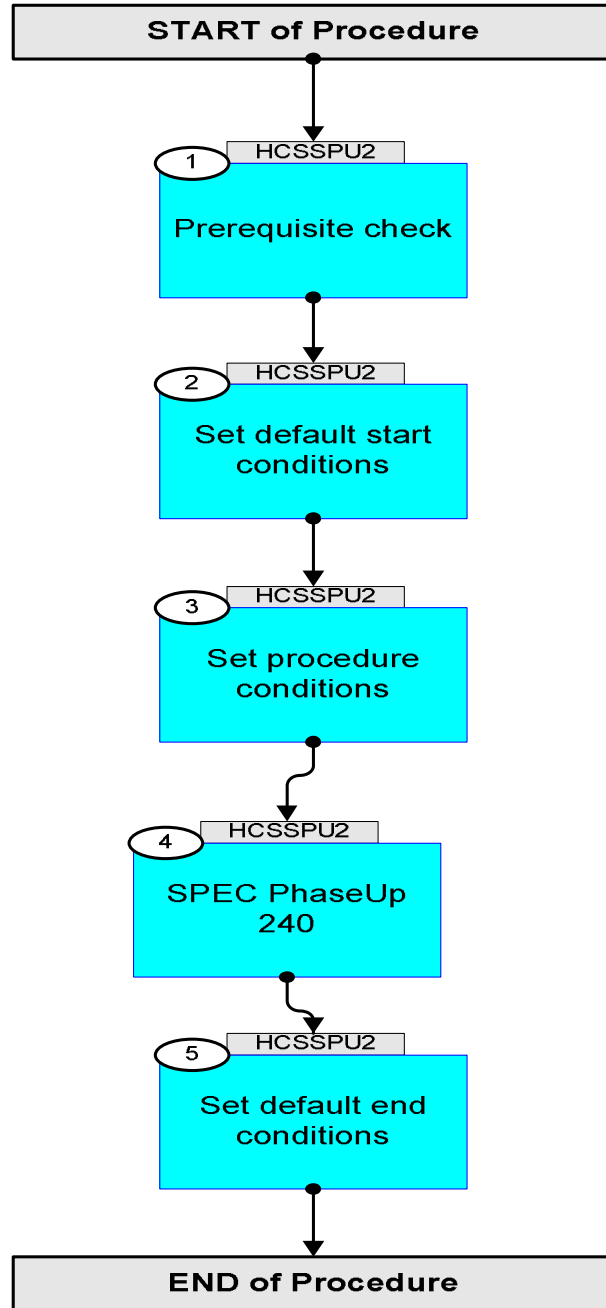
### Configuration Control Information

| DATE     | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION | AUTHOR     | SPR REF |
|----------|-----------|---------|--------------------------|------------|---------|
| 20/04/09 | 2.3       | 1       | Created                  | L.Lucas-hp |         |
| 05/05/09 | 2.4       | 2       | Added ET                 | L.Lucas-hp |         |

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### Procedure Flowchart Overview



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| Step No.   | Time                         | Activity/Remarks   | TC/TLM          | Display/ Branch          |
|--|------------------------------|--|-----------------|--------------------------|
| <b>Beginning of Procedure</b>  |                              |  |                 |                          |
| <i>TC Seq. Name : HCSSPU2 (SPEC PHASEUP240)</i><br><br><i>TimeTag Type: Y</i><br><i>Sub Schedule ID:</i><br><br><input type="checkbox"/> |                              |  |                 |                          |
| 1  |                              | <i>Prerequisite check</i>  |                 | Next Step:<br>2          |
| 1.1  |                              | <i>HSC/ICC input</i>   |                 | <input type="checkbox"/> |
|  |                              | Verify that the HSC has supplied a valid OBSID value:<br><br><b>OBS_ID = 0xnnnn nnnn</b>   |                 |                          |
| 1.2  |                              | <i>Verify TM</i>   |                 | <input type="checkbox"/> |
| 2  |                              | <i>Set default start conditions</i>  |                 | Next Step:<br>3          |
|  |                              | Note that a <b>TM(5,1)</b> packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands   |                 |                          |
|  | ET=+00.00.00<br>UT=+00.00.00 | <b>SET_OBS_STEP</b><br><br><b>SET_OBS_STEP</b><br><br><i>Command Parameter(s) :</i><br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br><br><i>Subsch. ID : 370</i><br><i>Det. descr. : SET OBSERVATION STEP</i>   | <b>SC003500</b> |                          |
|  | ET=+00.00.01<br>UT=+00.00.01 | <b>SET_BBID</b><br><br><b>SET_BBID</b><br><br><i>Command Parameter(s) :</i><br><b>BUILDING_BLOCK_ID</b> <b>SP01N500</b><br><br><i>Subsch. ID : 370</i><br><i>Det. descr. : SET BUILDING BLOCK IDENTIFIER</i> | <b>SC001500</b> |                          |
|  |                              | <i>Verify Telemetry</i><br><br><b>BBFULLTYPE</b> <b>SM2LN500</b><br><br><b>= ClearObs</b>  |                 | <b>AND=ZAZ90999</b>      |
|  | ET=+00.00.00<br>UT=+00.00.00 | <b>SET_OBS_STEP</b><br><br><b>SET_OBS_STEP</b><br><br><i>Command Parameter(s) :</i><br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br><br><i>Subsch. ID : 370</i><br><i>Det. descr. : SET OBSERVATION STEP</i>   | <b>SC003500</b> |                          |

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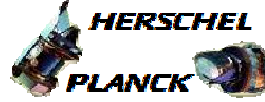
| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |  |
|----------|------------------------------|--|---|-----------------|--|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBSID<br><br>Command Parameter(s) :<br>OBSERVATION_ID<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION IDENTIFIER      | SET_OBSID<br><br>SP00N500<br><br>00000000 <hex> | SC000500        |  |
|          |                              | Verify Telemetry<br><br>OBSID<br><br>SM10N500  | = 00000000 <hex>                                | AND=ZAZ90999    |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SP03N500<br><br>0 <hex>     | SC003500        |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID<br><br>SP01N500<br><br>80000000 <hex>  | SC001500        |  |
|          |                              | Verify Telemetry<br><br>BBFULLTYPE<br><br>SM2LN500   | = Null  | AND=ZAZ90999    |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SP03N500<br><br>0 <hex>     | SC003500        |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID<br><br>SP01N500<br><br>80020001 <hex>  | SC001500        |  |
|          |                              | Verify Telemetry<br><br>BBFULLTYPE<br><br>SM2LN500   | = StartObs                                      | AND=ZAZ90999    |  |
| 3        |                              | Set procedure conditions   |   | Next Step:<br>4 |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | RESET_DRCU_COUNTERS<br><br>RESET_DRCU_COUNTERS<br><br>Subsch. ID : 370<br>Det. descr. : RESET DRCU COUNTERS   | SCD00505                       |                 |
|          |                              | Verify that the TRESET parameter has the same value as the THSK parameter<br><br>TRESET SM01T500  | same as THSK                   | AND=ZAZ90999    |
|          |                              | THSK SM00T500   | any                            | AND=ZAZ90999    |
|          |                              | Note that a <b>TM(5,1)</b> packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands                                      |                                |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBSID<br><br>SET_OBSID<br><br>Command Parameter(s) :<br>OBSERVATION_ID SP00N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION IDENTIFIER     | SC000500<br><br>OBS_ID         |                 |
|          |                              | Verify Telemetry<br><br>OBSID SM10N500  | OBS_ID                         | AND=ZAZ90999    |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          |                              | Verify Telemetry<br><br>BBFULLTYPE SM2LN500   | = Null                         | AND=ZAZ90999    |

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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--Y -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88360001 <hex>                  |                 |
|          |                              | Verify Telemetry<br><br>BBFULLTYPE                    SM2LN500   | = Stop_DCU_Data                                 | AND=ZAZ90999    |
| 4        |                              | SPEC PhaseUp 240   |   | Next Step:<br>5 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--Y -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                    SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88270001 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843000ff <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |



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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843d0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84390050 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84380002 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84310016 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84320016 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0001 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540001 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0002 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88010001 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>88540002 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006d <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0003 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                      SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                            | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010002 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS           SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                  | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540003 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0004 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

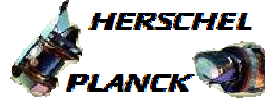
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>88540004 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a0071 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b0071 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>80000000 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>0 <hex>  | SC003500        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>881f0005 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>843c0014 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>88010004 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540005 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0073 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0073 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS               SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                   | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010005 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0007 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>88540007 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a0077 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b0077 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0008 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>88010007 <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540008 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0079 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0079 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0009 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



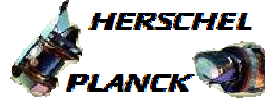
| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS        SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                  | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010008 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS        SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                  | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540009 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f000a <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>8854000a <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a007d <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b007d <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f000b <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>8801000a <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8854000b <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801000b <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                      SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                            | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854000c <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f000d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854000d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0083 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0083 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f000e <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>8801000d <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8854000e <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0085 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0085 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801000e <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

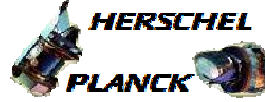


SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0010 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                                      | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | <p>FLUSH_FIFO</p> <p>FLUSH_FIFO</p> <p>Command Parameter(s) :</p> <p style="padding-left: 40px;">FIFOFLAGS                   SPD0N505</p> <p>TC Control Flags :</p> <p style="padding-left: 40px;">GBM IL DSE<br/>--- -- ---</p> <p>Subsch. ID : 370<br/>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM FIFOS AND FLUSH CONTENTS</p> | <p>SCD01505</p> <p>1000 &lt;hex&gt;</p>     |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | <p>SET_OBS_STEP</p> <p>SET_OBS_STEP</p> <p>Command Parameter(s) :</p> <p style="padding-left: 40px;">OBSERVATION_STEP           SP03N500</p> <p>TC Control Flags :</p> <p style="padding-left: 40px;">GBM IL DSE<br/>--- -- ---</p> <p>Subsch. ID : 370<br/>Det. descr. : SET OBSERVATION STEP</p>                                      | <p>SC003500</p> <p>0 &lt;hex&gt;</p>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | <p>SET_BBID</p> <p>SET_BBID</p> <p>Command Parameter(s) :</p> <p style="padding-left: 40px;">BUILDING_BLOCK_ID           SP01N500</p> <p>TC Control Flags :</p> <p style="padding-left: 40px;">GBM IL DSE<br/>--- -- ---</p> <p>Subsch. ID : 370<br/>Det. descr. : SET BUILDING BLOCK IDENTIFIER</p>                                    | <p>SC001500</p> <p>80000000 &lt;hex&gt;</p> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | <p>SET_OBS_STEP</p> <p>SET_OBS_STEP</p> <p>Command Parameter(s) :</p> <p style="padding-left: 40px;">OBSERVATION_STEP           SP03N500</p> <p>TC Control Flags :</p> <p style="padding-left: 40px;">GBM IL DSE<br/>--- -- ---</p> <p>Subsch. ID : 370<br/>Det. descr. : SET OBSERVATION STEP</p>                                      | <p>SC003500</p> <p>0 &lt;hex&gt;</p>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | <p>SET_BBID</p> <p>SET_BBID</p> <p>Command Parameter(s) :</p> <p style="padding-left: 40px;">BUILDING_BLOCK_ID           SP01N500</p> <p>TC Control Flags :</p> <p style="padding-left: 40px;">GBM IL DSE<br/>--- -- ---</p> <p>Subsch. ID : 370<br/>Det. descr. : SET BUILDING BLOCK IDENTIFIER</p>                                    | <p>SC001500</p> <p>8801000f &lt;hex&gt;</p> |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88540010 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843a0089 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843b0089 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0011 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>88010010 <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540011 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008b <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0012 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010011 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540012 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0013 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>88540013 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a008f <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b008f <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0014 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>88010013 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540014 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0091 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0091 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0015 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

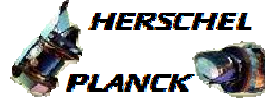
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010014 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



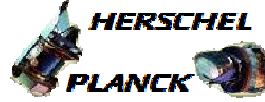
| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88270002 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843000ff <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843d0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84390050 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84380002 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>8431002b <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>8432002b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0017 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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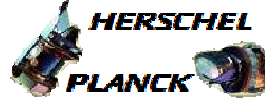
| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>88540016 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a006b <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b006b <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0018 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>88010016 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540017 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006d <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0019 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



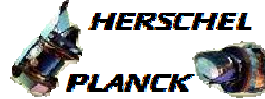
| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010017 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS           SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f001a <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp

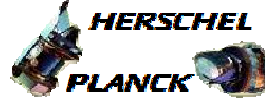


| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND       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





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



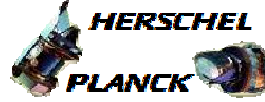
| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>88540019 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843a0071 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843b0071 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>0 <hex>  | SC003500        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f001b <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88010019 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>8854001a <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0073 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0073 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801001a <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854001b <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f001d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854001c <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0077 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0077 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f001e <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>8801001c <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8854001d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0079 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0079 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801001d <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854001e <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                      SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0020 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                      SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                      SPD4N505<br>OVERRIDE                      SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                      SPD4N505<br>OVERRIDE                      SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |







SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0021 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>8801001f <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540020 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0022 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010020 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540021 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0023 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



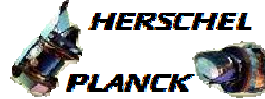
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540022 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0083 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0083 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0024 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88010022 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP       SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

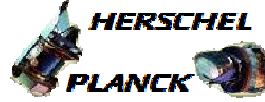
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540023 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0085 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0085 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010023 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

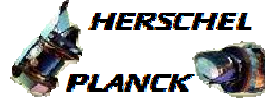
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



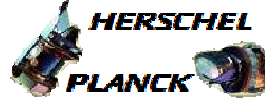
| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540024 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0026 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

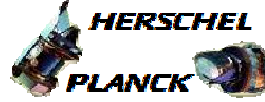
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540025 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0089 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0089 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0027 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>88010025 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540026 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008b <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0028 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010026 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS            SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                      | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0029 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp

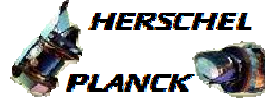


| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND       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





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540028 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f002a <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



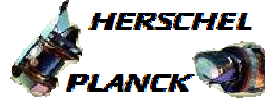
| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND       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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>88010028 <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540029 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0091 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0091 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f002b <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010029 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854002a <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f002c <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88270003 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843000ff <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND               SPD4N505<br>OVERRIDE                    SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843d0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84390050 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84380002 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84310048 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>84320048 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>80000000 <hex>                                       |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>0 <hex>  |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>881f002d <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854002b <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f002e <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8801002b <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP        SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



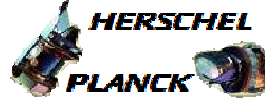
| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8854002c <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006d <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



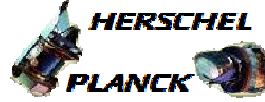
| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f002f <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801002c <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0030 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

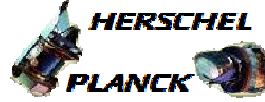
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854002e <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0071 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0071 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0031 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>8801002e <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843c0004 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8854002f <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0073 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0073 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0032 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801002f <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540030 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0075 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0033 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540031 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0077 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0077 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0034 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88010031 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP       SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540032 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0079 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0079 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



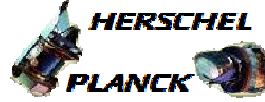
| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010032 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>88540033 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007b <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0036 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>88540034 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f0037 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
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 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>88010034 <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540035 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a007f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b007f <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                      SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                            | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010035 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0081 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0039 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

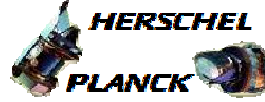
SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88540037 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843a0083 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843b0083 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f003a <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010037 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



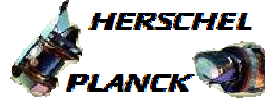
| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>88540038 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0085 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0085 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f003b <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>88010038 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS               SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                   | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP       SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SC003500<br><br>0 <hex><br><br>GBM IL DSE<br>--- -- --    |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID<br><br>SC001500<br><br>80000000 <hex><br><br>GBM IL DSE<br>--- -- -- |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SC003500<br><br>0 <hex><br><br>GBM IL DSE<br>--- -- --    |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID<br><br>SC001500<br><br>88540039 <hex><br><br>GBM IL DSE<br>--- -- -- |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SC003500<br><br>1 <hex><br><br>GBM IL DSE<br>--- -- --    |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0087 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --<br><br>881f003c <hex>                                       | SC001500        |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --<br><br>1 <hex>  | SC003500        |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843c0014 <hex><br>0 <hex> (Def) | SCD06505        |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- --<br><br>843e0001 <hex><br>0 <hex> (Def) | SCD06505        |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp

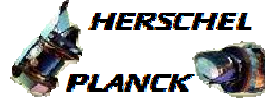


| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND       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





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854003a <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0089 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0089 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>881f003d <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch |
|----------|------------------------------|---|--|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC001500<br><br>8801003a <hex>                                       |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- ---<br><br>SC003500<br><br>1 <hex>  |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- ---<br><br>SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp

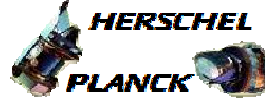


| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|------------------------------|--|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                    SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f003e <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                    SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                  SPD4N505<br>OVERRIDE                                  SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS           SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801003b <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854003c <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008d <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f003f <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE           SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>8854003d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a008f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b008f <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                                      | SC001500<br><br>881f0040 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND SPD4N505<br>OVERRIDE SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                         SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                                | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP           SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID           SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>8801003d <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP       SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND           SPD4N505<br>OVERRIDE                SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                    SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                              | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP            SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID            SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>80000000 <hex>                  |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>8854003e <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0091 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0091 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>881f0041 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c001c <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.03<br>UT=+00.00.03 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM   | Display/ Branch                                 |  |
|----------|------------------------------|---|--|---|--|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>80000000 <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>0 <hex>                         |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER                    | SET_BBID<br><br>SP01N500<br><br>GBM IL DSE<br>--- -- --                      | SC001500<br><br>8801003e <hex>                  |  |
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND<br>OVERRIDE<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SEND_DRCU_COMMAND<br><br>SPD4N505<br>SPD9N505<br><br>GBM IL DSE<br>--- -- -- | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |  |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP<br><br>TC Control Flags :<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP                          | SET_OBS_STEP<br><br>SP03N500<br><br>GBM IL DSE<br>--- -- --                  | SC003500<br><br>1 <hex>                         |  |



SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | FLUSH_FIFO<br><br>FLUSH_FIFO<br><br>Command Parameter(s) :<br>FIFOFLAGS                   SPD0N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : FORCE DPU TO READ SCIENCE DATA FROM<br>FIFOS AND FLUSH CONTENTS                          | SCD01505<br><br>1000 <hex>                      |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>ffff <hex>                      |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>8854003f <hex> |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- --<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843a0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843b0093 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID               SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>80000000 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP               SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>                         |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|------------------------------|---|---|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                   SP01N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER   | SC001500<br><br>881f0042 <hex>                  |                 |
|          | ET=+00.00.02<br>UT=+00.00.02 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0014 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                        SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



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



SPIRE\_IST\_PHASEUP\_SPEC240  
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| Step No. | Time                         | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|------------------------------|--|---|-----------------|
|          | ET=+00.00.02<br>UT=+00.00.02 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843c0004 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                   SP03N500<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>1 <hex>                         |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+00.00.10<br>UT=+00.00.10 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>843e0000 <hex><br>0 <hex> (Def) |                 |





SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No. | Time                         | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|------------------------------|---|--------------------------------|-----------------|
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80030001 <hex> |                 |
|          |                              | Verify Telemetry<br><br>BBFULLTYPE SM2LN500   | = EndObs                       | AND=ZAZ90999    |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_OBSID<br><br>SET_OBSID<br><br>Command Parameter(s) :<br>OBSERVATION_ID SP00N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION IDENTIFIER     | SC000500<br><br>00000000 <hex> |                 |
|          |                              | Verify Telemetry<br><br>OBSID SM10N500  | = 00000000 <hex>               | AND=ZAZ90999    |
|          | ET=+00.00.00<br>UT=+00.00.00 | SET_OBS_STEP<br><br>SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+00.00.01<br>UT=+00.00.01 | SET_BBID<br><br>SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID SP01N500<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |

SPIRE\_IST\_PHASEUP\_SPEC240  
 File: H\_COP\_SPI\_SPU2.xls  
 Author: L.Lucas-hp



| Step No.                | Time | Activity/Remarks                        | TC/TLM | Display/ Branch |
|-------------------------|------|---|--------|-----------------|
|                         |      | Verify Telemetry<br>BBFULLTYPE SM2LN500 | = Null | AND=ZAZ90999    |
| <b>End of Procedure</b> |      |   |        |                 |