

SPIRE\_SMEC\_ON PRIME Mode Trans  
 File: H\_COP\_SPI\_MSNP.xls  
 Author: L.Lucas-hp



## Procedure Summary

### Objectives

This is a mode transition procedure. The purpose of this procedure is to switch the SMEC ON (PRIME)

Based on procedure:  
 Name:SMEC\_ON  
 Version number:4  
 Generated:27/03/2009

### Summary of Constraints

n/a

### Spacecraft Configuration

**Start of Procedure**

Sub-Mode = BSM\_INIT

**End of Procedure**

Sub-Mode = SMEC\_ON

### Reference File(s)

**Input Command Sequences**

**Output Command Sequences**

HCSMSNP

### Referenced Displays

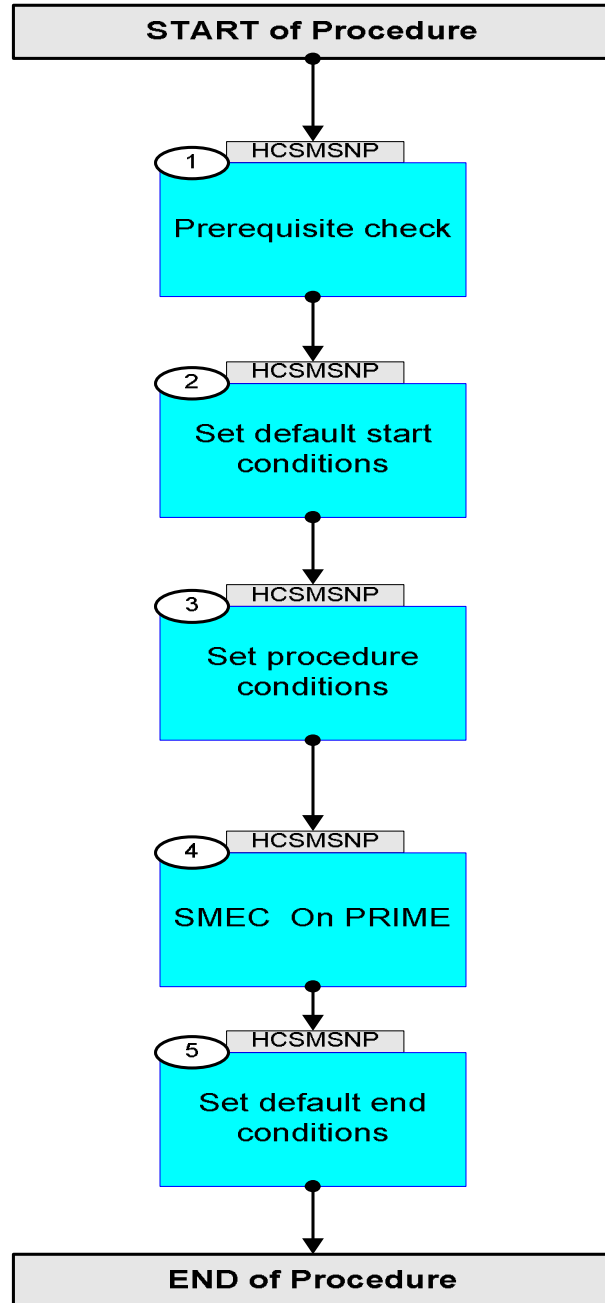
|             |             |             |
|-------------|-------------|-------------|
| <b>ANDs</b> | <b>GRDs</b> | <b>SLDs</b> |
| SA_6_559    |             | (None)      |
| ZAZ90999    |             |             |

### Configuration Control Information

| DATE     | FOP ISSUE | VERSION | MODIFICATION DESCRIPTION              | AUTHOR     | SPR REF |
|----------|-----------|---------|---------------------------------------|------------|---------|
| 19/04/09 |           | 1       | Created                               | L.Lucas-hp |         |
| 21/04/09 | 2.3       | 2       | Set first TC of SEC ON step to manual | L.Lucas-hp |         |
| 04/05/09 | 2.4       | 3       | Remove ET                             | L.Lucas-hp |         |



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 : HCSMSNP (Mode trans SMEC_ON P)</i><br><br><i>TimeTag Type: Y</i><br><i>Sub Schedule ID:</i><br><br><input type="checkbox"/> |                      |  |  |                          |
| 1   |                      | Prerequisite check   |  | Next Step:<br>2          |
| 1.1   |                      | HSC/ICC input  |  | <input type="checkbox"/> |
|   |                      | Verify that the HSC has supplied a valid OBSID value:<br><br>OBS_ID = 0xnnnn nnnn  |  |                          |
| 1.2   |                      | Verify TM  |  | <input type="checkbox"/> |
|   |                      | Verify Telemetry<br><br>SMECENCPCR                      SMS0W515   | = 0 <hex>                                      | AND=SA_6_559             |
|   |                      | Verify Telemetry<br><br>SMECLVDTPWR                    SMS1W515  | = OFF  | (None)                   |
| 2   |                      | Set default start conditions   |  | 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=+<br>UT=+00.00.00 | SET_OBS_STEP<br><br>Command Parameter(s) :<br>OBSERVATION_STEP                      SP03N500<br><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP       | SET_OBS_STEP<br><br>SC003500<br><br>0 <hex>    |                          |
|   | ET=+<br>UT=+00.00.01 | SET_BBID<br><br>Command Parameter(s) :<br>BUILDING_BLOCK_ID                      SP01N500<br><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SET_BBID<br><br>SC001500<br><br>80010001 <hex> |                          |
|   |                      | Verify Telemetry<br><br>BBFULLTYPE                      SM2LN500   | = ClearObs                                     | AND=ZAZ90999             |

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| Step No. | Time                 | Activity/Remarks  | TC/TLM                         | Display/ Branch |
|----------|----------------------|---|--------------------------------|-----------------|
|          | ET=+<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=+<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=+<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=+<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    |
|          | ET=+<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=+<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>80020001 <hex> |                 |

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| Step No. | Time                 | Activity/Remarks   | TC/TLM                         | Display/ Branch |
|----------|----------------------|--|--------------------------------|-----------------|
|          |                      | Verify Telemetry<br><b>BBFULLTYPE</b> <b>SM2LN500</b>  | = StartObs                     | AND=ZAZ90999    |
| 3        |                      | Set procedure conditions   |                                | Next Step:<br>4 |
|          | ET=+<br>UT=+00.00.00 | RESET_DRCU_COUNTERS<br><b>RESET_DRCU_COUNTERS</b><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><b>TRESET</b> <b>SM01T500</b>   | same as THSK                   | AND=ZAZ90999    |
|          |                      | <b>THSK</b> <b>SM00T500</b>  | 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=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                 |
|          | ET=+<br>UT=+00.00.01 | SET_OBSID<br><b>SET_OBSID</b><br>Command Parameter(s) :<br><b>OBSERVATION_ID</b> <b>SP00N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION IDENTIFIER     | SC000500<br><br>OBS_ID         |                 |
|          |                      | Verify Telemetry<br><b>OBSID</b> <b>SM10N500</b>   | OBS_ID                         | AND=ZAZ90999    |
|          | ET=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                 |
|          | ET=+<br>UT=+00.00.01 | SET_BBID<br><b>SET_BBID</b><br>Command Parameter(s) :<br><b>BUILDING_BLOCK_ID</b> <b>SP01N500</b><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                 |

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| Step No. | Time                 | Activity/Remarks  | TC/TLM  | Display/ Branch |
|----------|----------------------|---|---|-----------------|
|          |                      | Verify Telemetry<br><b>BBFULLTYPE</b> <b>SM2LN500</b>   | = Null  | AND=ZAZ90999    |
|          | ET=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>TC Control Flags :<br><b>GBM IL DSE</b><br><b>--Y -- ---</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP  | SC003500<br><br>0 <hex>                         |                 |
|          | ET=+<br>UT=+00.00.01 | SET_BBID<br><b>SET_BBID</b><br>Command Parameter(s) :<br><b>BUILDING_BLOCK_ID</b> <b>SP01N500</b><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER  | SC001500<br><br>82010001 <hex>                  |                 |
|          |                      | Verify Telemetry<br><b>BBFULLTYPE</b> <b>SM2LN500</b>   | = Switch_On_FTS                                 | AND=ZAZ90999    |
| 4        |                      | SMEC On PRIME   |   | Next Step:<br>5 |
|          | ET=+<br>UT=+00.00.02 | SET_OBS_MODE<br><b>SET_OBS_MODE</b><br>Command Parameter(s) :<br><b>OBSERVING_MODE</b> <b>SP02N500</b><br>TC Control Flags :<br><b>GBM IL DSE</b><br><b>--Y -- ---</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVING MODE  | SC002500<br><br>204 <hex>                       |                 |
|          | ET=+<br>UT=+00.00.01 | SEND_DRCU_COMMAND<br><b>SEND_DRCU_COMMAND</b><br>Command Parameter(s) :<br><b>DRCUCOMMAND</b> <b>SPD4N505</b><br><b>OVERRIDE</b> <b>SPD9N505</b><br>TC Control Flags :<br><b>GBM IL DSE</b><br><b>--- -- ---</b><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>90541b87 <hex><br>0 <hex> (Def) |                 |

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| Step No. | Time                 | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|----------------------|--|---|-----------------|
|          | ET=+<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>90400001 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<br>UT=+00.00.06 | SEND_DRCU_COMMAND<br><br>SEND_DRCU_COMMAND<br><br>Command Parameter(s) :<br>DRCUCOMMAND                   SPD4N505<br>OVERRIDE                   SPD9N505<br><br>TC Control Flags :<br><br>GBM IL DSE<br>--- -- ---<br><br>Subsch. ID : 370<br>Det. descr. : SEND A SINGLE COMMAND TO THE DRCU | SCD06505<br><br>9058a7f8 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>905a8ef8 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>90410001 <hex><br>0 <hex> (Def) |                 |

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| Step No. | Time                 | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|----------------------|--|---|-----------------|
|          | ET=+<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>905f2cec <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>905e1ea2 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>904d0000 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>91d4006b <hex><br>0 <hex> (Def) |                 |



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| Step No. | Time                 | Activity/Remarks   | TC/TLM  | Display/ Branch |
|----------|----------------------|--|---|-----------------|
|          | ET=+<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>91d90058 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>91da006f <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>91db0057 <hex><br>0 <hex> (Def) |                 |
|          | ET=+<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>91dc006e <hex><br>0 <hex> (Def) |                 |

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| Step No. | Time                 | Activity/Remarks   | TC/TLM  | Display/ Branch          |
|----------|----------------------|--|---|--------------------------|
|          | ET=+<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>91dd0069 <hex><br>0 <hex> (Def) |                          |
|          | ET=+<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>91de0065 <hex><br>0 <hex> (Def) |                          |
|          | ET=+<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=+<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>                  |                          |
| 4.1      |                      | TM Checks  |   | <input type="checkbox"/> |
|          |                      | Verify Telemetry<br><br>SMECENC PWR                   SMS0W515   | = 1 <hex>                                       | AND=SA_6_559             |
|          |                      | Verify Telemetry<br><br>SMECLVDTPWR                   SMS1W515   | = 1 <hex>                                       | AND=SA_6_559             |

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| Step No. | Time                 | Activity/Remarks   | TC/TLM                         | Display/ Branch   |
|----------|----------------------|--|--------------------------------|-------------------|
|          |                      | Verify Telemetry<br><b>MODE</b> <b>SM00M500</b>  | = SMEC_ON                      | AND=SA_6_559      |
| 5        |                      | Set default end conditions   |                                | Next Step:<br>END |
|          |                      | Note that a <b>TM(5,1)</b> packet [New_Step_Report] is generated after each of the following SET_OBS_STEP telecommands   |                                |                   |
|          | ET=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                   |
|          | ET=+<br>UT=+00.00.01 | SET_BBID<br><b>SET_BBID</b><br>Command Parameter(s) :<br><b>BUILDING_BLOCK_ID</b> <b>SP01N500</b><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80000000 <hex> |                   |
|          |                      | Verify Telemetry<br><b>BBFULLTYPE</b> <b>SM2LN500</b>  | = Null                         | AND=ZAZ90999      |
|          | ET=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>0 <hex>        |                   |
|          | ET=+<br>UT=+00.00.01 | SET_BBID<br><b>SET_BBID</b><br>Command Parameter(s) :<br><b>BUILDING_BLOCK_ID</b> <b>SP01N500</b><br>Subsch. ID : 370<br>Det. descr. : SET BUILDING BLOCK IDENTIFIER | SC001500<br><br>80030001 <hex> |                   |
|          |                      | Verify Telemetry<br><b>BBFULLTYPE</b> <b>SM2LN500</b>  | = EndObs                       | AND=ZAZ90999      |
|          | ET=+<br>UT=+00.00.00 | SET_OBS_STEP<br><b>SET_OBS_STEP</b><br>Command Parameter(s) :<br><b>OBSERVATION_STEP</b> <b>SP03N500</b><br>Subsch. ID : 370<br>Det. descr. : SET OBSERVATION STEP   | SC003500<br><br>1 <hex>        |                   |

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| Step No.                | Time                 | Activity/Remarks   | TC/TLM  | Display/ Branch |
|-------------------------|----------------------|--|---|-----------------|
|                         | ET=+<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>SC000500<br><br>SP00N500<br><br>00000000 <hex> |                 |
|                         |                      | Verify Telemetry<br><br>OBSID<br><br>SM10N500  | = 00000000 <hex>  | AND=ZAZ90999    |
|                         | ET=+<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>SC003500<br><br>SP03N500<br><br>0 <hex>     |                 |
|                         | ET=+<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>SC001500<br><br>SP01N500<br><br>80000000 <hex>  |                 |
|                         |                      | Verify Telemetry<br><br>BBFULLTYPE<br><br>SM2LN500   | = Null  | AND=ZAZ90999    |
| <b>End of Procedure</b> |                      |  |   |                 |