

Procedure. Ref.: SVT\_OPM\_5202 (1,1) FLOOD LED ON - LEVEL 1 (2uA)

Procedure Title: Flood LEDs On to Level 1

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**Purpose of Procedure:**

This procedure turns ON the Flood LEDs to Level 1

This procedure is foreseen to be used during the OM SVT.

Initial State: OM ON in an Operational Mode

Final State: OM ON in SCIENCE.

| Step | Time | Activity/Remarks                                                                              | Command                                                               | TM Verification                                                                                                                 |
|------|------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1    |      | Confirm OM in an Operational Mode I.e. H5395 is either SAFE, IDLE, INTER SAFE, ENG or SCIENCE |                                                                       | <u><b>AND: H100</b></u><br>H5395 "OM STATE" =<br>H5405 "ICU STATE" =<br>OPERATIONAL<br>H5450 "DPU STATE" = DPUOS                |
| 2    |      | If not in IDLE mode, change to ICU Mode 2 - IDLE mode.                                        | <u><b>H9002</b></u> GOTO IDLE                                         | <u><b>AND: H100</b></u><br>H5395 "OM STATE" = IDLE<br>H5405 "ICU STATE" =<br>OPERATIONAL<br>H5450 "DPU STATE" = DPUOS           |
| 3    |      | Change to ICU Mode 4 - ENGINEERING Mode.                                                      | <u><b>H9004</b></u> GOTO ENG                                          | <u><b>AND: H100</b></u><br>H5395 "OM STATE" =<br>ENGINEERING<br>H5405 "ICU STATE" =<br>OPERATIONAL<br>H5450 "DPU STATE" = DPUOS |
| 4    |      | Turn ON the Flood LEDs to Level 1. (2uA)                                                      | <u><b>H7134</b></u> SET FLOOD LED<br>**H0140 "LED CURRENT" = 2.0 UAMP | <u><b>AND: H110</b></u><br>H5195 "FLOOD LED BIAS" = 2.000<br>UA                                                                 |
| 5    |      | Change to ICU Mode 2 - IDLE mode.                                                             | <u><b>H9002</b></u> GOTO IDLE                                         | <u><b>AND: H100</b></u><br>H5395 "OM STATE" = IDLE<br>H5405 "ICU STATE" =<br>OPERATIONAL<br>H5450 "DPU STATE" = DPUOS           |
| 6    |      | Change to ICU Mode 3 - SCIENCE mode.                                                          | <u><b>H9003</b></u> GOTO SCIENCE                                      | <u><b>AND: H100</b></u><br>H5395 "OM STATE" = SCIENCE<br>H5405 "ICU STATE" =<br>OPERATIONAL<br>H5450 "DPU STATE" = DPUOS        |
| 7    |      | END OF PROCEDURE                                                                              |                                                                       |                                                                                                                                 |