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| **EAS recovery plan Version 3** | | | | | |
| **ENSURE SW PATCHES HAVE BEEN MADE BEFORE POWERING ON** | | | | | |
|  | **Action** | **Sequence** | **PDOR/IOR** | **Result** | **Comments** |
|  | **PDOR\_SSWA\_EAS\_Recovery1\_00001.SOL** |  |  |  | Prefer IOR but PDOR available |
| 1 | Power On and configure EAS1 | AIAF014A  AIAF040A | IOR | HK | Heaters on |
| 2 | Enable EAS1 FDIR except GRID | AIAF116A | IOR |  |  |
| 3 | Power on and configure EAS2 | AIAF015A  AIAF050A | IOR | HK | Heaters on |
| 4 | Enable EAS2 FDIR except GRID | AIAF118A | IOR |  |  |
| 5 | Re-initialize the science software | AIAF119A | IOR |  | Stop PAS before. |
| 6 | Enable High Cadence (no moments) | AIAF100A | IOR |  |  |
|  | **Leave for 24 hours minimum dependant on passes** |  |  |  |  |
|  | **PDOR\_SSWA\_EAS\_Recovery2\_00001.SOL** |  |  |  |  |
| 7 | EAS 1&2 into NM with **MCP = 0**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | STIM ON |
| 8 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 9 | EAS 1&2 into NM with **MCP = 500**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | STIM OFF  GROUND OK TO PROCEED |
| 10 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 11 | EAS 1&2 into NM with **MCP = 1500**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED |
| 12 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 13 | EAS 1&2 into NM with **MCP = 2500**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED |
| 14 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 15 | EAS 1&2 into NM with **MCP = 2550**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED |
| 16 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 17 | EAS 1&2 into NM with **MCP = 2600**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED |
| 18 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 19 | EAS 1&2 into NM with **MCP = 2650**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED |
| 20 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 21 | EAS 1&2 into NM with **MCP = 2700**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED  0xAE2 Note: Higher value for 60 sec |
| 22 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
| 23 | EAS 1&2 into NM with **MCP = 2665**. For 30 mins | AIAF043A  AIAF041A  AIAF053A  AIAF051A | PDOR | Sci packets | GROUND OK TO PROCEED  0xAC2 Nominal setting |
| 24 | EAS 1&2 No science | AIAF042A  AIAF052A | PDOR |  |  |
|  | Leave for 24 hours |  |  |  |  |
|  | **PDOR\_SSWA\_EAS\_Final\_RecA(B)\_00001.SOL** |  |  |  | Have 2 PDOR versions with 2 GTs |
| 25 | Stop all NM | AIAF042A  AIAF052A | PDOR |  |  |
| 26 | Disable FDIR | AIAF123A  AIAF124A | PDOR |  |  |
| 27 | Gain test | AIAF090A | PDOR | LL packets | 0x9EB to 0xB16 in 23 steps of 0xD |
| 28 | Reset Hemisphere values | AIAF121A  AIAF122A | PDOR |  |  |
| 29 | Enable all FDIR except GRID | AIAF116A  AIAF118A | PDOR |  |  |
| 30 | Set MCP level | AIAF043A  AIAF053A | PDOR |  | 0xAC2 On EAS2 only |
| 31 | Start science | AIAF041A  AIAF051A | PDOR |  | On EAS2 only |
| 32 | EM4 test (3 hours) | AIAF082A, AIAF083A | PDOR | LL packets | There will be 28 calls to this procedure per EAS |
| 30 | Set MCP level | AIAF043A  AIAF053A | PDOR |  | 0xAC2 |
| 30 | Set Threshold levels | AIAF049A  AIAF059A | PDOR |  |  |
| 30 | Set Hemisphere levels | AIAF121A  AIAF122A | PDOR |  |  |
| 33 | Enable Low cadence | AIAF100A | PDOR |  |  |
| 34 | Start NM on EAS1&2 | AIAF041A, AIAF051A | PDOR | NM and Moments |  |
| 35 | Set 5 min BM | AIAF032A | PDOR | BM packets |  |
|  | Return to Normal Ops |  |  |  | IOR take over here |
| 36 | Upload new sequence with BM fix |  | MDOR |  | Should we do this at the Patching stage? |