|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Order of execution | PDOR/MDOR name | Applicable constraints | Timing | Run Time Length |
| DPU | To be run on 31-March-2021 at any time. |  |  |  |
|  |  |  |  |  |
|  | Ensure Temperature is above -3 deg C |  |  |  |
|  |  |  |  |  |
| 1 | PDOR\_SSWA\_DPU\_Recovery\_On\_00002.SOL | None | Relative. Can run at any time | 05 mins |
| 2 | MDOR\_SSWA\_DPU\_CompleteRedundancyPatch\_All\_00002.SOL | None | Relative. Can run at any time | 130 mins |
| 3 | PDOR\_SSWA\_DPU\_Test\_00002.SOL | None | Relative. Can run at any time | 63 mins |
|  |  |  |  |  |
| 3a | MOC to re-enable the S20 18 seconds after this PDOR is started |  |  |  |
| 3b | MOC to send S9 19 seconds after this PDOR is started |  |  |  |
|  |  |  |  |  |
| 4 | Once #3 has finished MOC will Un-Freeze the SWA MTL |  |  |  |
|  |  |  |  |  |
| HIS | To be loaded onto the MTL on the 31st to run on 01-April-2021 |  |  |  |
| 5 | PDOR\_SSWA\_HIS\_WARMUP\_RAMP\_UP\_00001.SOL | None | Absolute. To start at 01:02 | 50 mins 35 TCs |
|  |  |  |  |  |
|  | To be loaded onto the MTL on the 31st to run on 02-April-2021 |  |  |  |
| 6 | PDOR\_SSWA\_HIS\_WARMUP\_SCIENCE\_00001.SOL | None | Absolute. To start at 01:02 | 1hr 21min 7 TCs |
|  | Includes 2 TFF safing TCs for the 4th April |  | Absolute. To start at 23:09 | 49 mins 2 TCs |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Order of execution | PDOR name | Constraints | Timing | Run Time Length | Notes |
| PAS | To run on 08-April-2021 (12:20 – 17:00) UTC |  |  |  |  |
| 1 | PDOR\_SSWA\_PAS\_MTL\_00003.SOL | None | Absolute | 10 sec | Will power off PAS using emer’ OFF |
| 2 | PDOR\_SSWA\_PAS\_Recovery\_Pt1\_00003.SOL (interactive) | None | Relative | ~4 hours |  |
|  |  |  |  |  |  |
|  | To run on 09-April-2021 (12:20 – 17:00) UTC |  |  |  |  |
| 3 | PDOR\_SSWA\_PAS\_Recovery\_Pt2\_00003.SOL (interactive) | None | Relative | ~4 hours |  |
|  |  |  |  |  |  |
|  | #3 will power OFF PAS safely assuming the voltage is 0x5C2. If contact is lost before the end of the PDOR, PAS will be powered off via the MTL using the EMER OFF procedure at 23:00 April 11th |  |  |  |  |
|  |  |  |  |  |  |
|  | In the event of something going wrong. The EMER OFF PDOR can be used |  |  |  |  |
| 4 | PDOR\_SSWA\_PAS\_EmerOff\_00001.SOL | None | Relative | 10 sec |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Order of execution | PDOR name | Constraints | Timing | Run Time Length | Notes |
| EAS | To run on 12-April-2021 (06:42 – 14:42) UTC |  |  |  |  |
| 1 | PDOR\_SSWA\_EAS\_MTL\_00003.SOL | None | Absolute | 40 sec | Will SAFE EAS on the 18th |
| 2 | PDOR\_SSWA\_EAS\_Recovery1\_00003.SOL (interactive) | None | Relative | ~4 hours |  |
|  | If #2 does not finish in time, it can be left where it ends and continue on the 14th April |  |  |  |  |
|  |  |  |  |  |  |
|  | To run on 16-April-2021 (09:00 UTC) |  |  |  |  |
| 3 | PDOR\_SSWA\_EAS\_Recovery2A\_00003.SOL  PDOR\_SSWA\_EAS\_Recovery2B\_00003.SOL | None | Absolute | ~2.5 hours | Select A or B after #1 |
|  | #3 will leave EAS in a safe state. If contact is lost before the end of the PDOR, EAS will be safed via the MTL from #1 |  |  |  |  |
|  |  |  |  |  |  |