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| IV | EV1 | EV2 |
| 1. Record PET start time \_\_\_\_:\_\_\_\_ (Pwr to Batt) 2. Start WVS Recorders | \*\*INITIAL CONFIGURATION\*\*   1. {{CHECK}} All gates closed & hooks locked | \*INITIAL CONFIGURATION\*   1. {{CHECK}} All gates closed & hooks locked |
| 1. Start Hatch thermal cover clock PET (30 min) \_\_\_\_:\_\_\_\_ | EGRESS/SETUP (00:25)   1. Open hatch thermal cover 2. Egress A/L |  |
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|  | 1. Receive EWC ORU bag from EV3, stow on BRT w/RET | 1. Transfer EWC ORU Bag to EV1  |  | | --- | | WARNING | | 1. If Portable Wireless Toaster will not power on, avoid inadvertent contact (may fall below touch temp limits) |  |  | | --- | | CAUTION | | 1. Avoid contact with: Tires and Car mirrors, blue paint on zenith side of Rear View Mirror    (RVM), Door Handle petals, trailer hitches alignment guide and attachement shaft,    exposed bolts of underside of the hood latch restraint, radio antenna and back up    camera, and in-car Bluetooth and forward lights (translation on base of radio antenna    and lower half of lights is acceptable). 2. Avoid imparting any loads in the forward direction into car until brakes are engaged. |  |  | | --- | | NOTE | | 1. Connector ops may be done in any order. Defer moving toaster and AM radio as desired |  |  | | --- | | COMMENT | | 1. a comment |  1. This is a step |
| 1. Post crew egress, WVS Software:    1. select page - RF camera.    2. Sel 'Advanced Controls'    3. S-Band Level (two) - Max |  | 1. Perform buddy checks 2. Verify SAFER config 3. {{CHECKMARK}}WVS - Green LED |
|  | 1. Perform buddy checks 2. Verify SAFER config 3. {{CHECKMARK}}WVS - Green LED | 1. Perform buddy checks 2. Verify SAFER config 3. {{CHECKMARK}}WVS - Green LED |
|  | 1. Translate to S0 Port Struts 2. Attach EV1 \*\*BLANK\*\* hook to port-outboard strut 3. Attach EV2 \*\*BLANK\*\* hook to port-inboard strut 4. Release EV1 R Waist Tether from EV2 \*\*BLANK\*\* hook | 1. Retrieve CETA ORU bag, stow on BRT with RET |
|  | 1. Give \*\*EV3 GO\*\* to release Waist Tether | 1. On \*\*EV1 GO\*\*, EV2 release right Waist Tether from Airlock internal D-Ring |
|  | 1. Translate forward along Lab. 2. Stow EWC ORU bag on Lab HR 0260, 0259 with hinge ISS aft 3. Translate to S1 Face 1, zenith - MISSE 7 Retrieve | 1. Close hatch thermal cover 2. Perform translation adaptation 3. Translate to S1 Face 1, nadir - MISSE 7 Retrieve |
| 1. Stop Hatch Thermal Cover clock PET (30 min) \_\_\_\_:\_\_\_\_ |  |  |

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| IV | EV1 | EV2 |
| 1. Verify inhibits in place    1. {{CHECKMARK}} Stbd SARJ locked    2. {{CHECKMARK}} MISSE/ELC-2 inhibits |  |  |
|  | |  | | --- | | WARNING | | 1. Do not touch the hinged side while closing the MISSE PECs (Pinch Point) |  |  | | --- | | CAUTION | | 1. Avoid inadverntent contat with the deployed MISSE PECs, which have shatterable materials, and the silver avionics boxes atop the ExPA 2. There isn't a second caution in this block, but I wanted to add one here to show that there could be (also for "warning" and "note" blocks). | | |  | | --- | | WARNING | | 1. Do not touch the hinged side while closing the MISSE PECs (Pinch Point) |  |  | | --- | | CAUTION | | 1. Avoid inadverntent contat with the deployed MISSE PECs, which have shatterable materials, and the silver avionics boxes atop the ExPA 2. There isn't a second caution in this block, but I wanted to add one here to show that there could be (also for "warning" and "note" blocks). | |
|  | 1. Translate to S1 Face 2, zenith route 2. Attach '''GREEN''' hook on S1 HR 3208 (bay 17) 3. Translate zenith to ELC-2 4. Photograph deployed PECs    1. PEC 7B ({{CHECKMARK}} Ram/Fwd side, {{CHECKMARK}} Aft side)    2. PEC 7A ({{CHECKMARK}} Zenith side, {{CHECKMARK}} Nadir side)    3. {{CHECKMARK}}{{CHECKMARK}} Overall View (2 angles) | 1. Translate to S1 Face 6, nadir route 2. Attach '''GREEN''' hook on S1 HR 3217 or Xo 5790 (bay 17) 3. Translate outbd to bay 19 4. Stow CETA ORU bag on S3 HRs 3046, 3038 5. Translate zenith to ELC2 |
|  |  | 1. If EV1 complete with photos of PEC 7B, close PEC 7B 2. Disconnect connector from PEC 7B |
|  | 1. Close PEC 7A | 1. Disconnect connector from PEC 7A |
|  |  | 1. Release PEC 7B (2 PIP pins), stow on BRT w/RET (nadir HR) |
|  | |  | | --- | | CAUTION | | 1. When translating around fwd edge of Node 2 and PMA2, avoid contact with Shuttle | | |  | | --- | | CAUTION | | 1. When translating around fwd edge of Node 2 and PMA2, avoid contact with Shuttle | |
|  | 1. Retrieve GREEN hook from S1 HR 3208 2. Translate to Node 2, along port/zenith   STOW MISSE 7A IN PLB (00:10)   1. Attach GREEN hook on Node 2 HR 0344 2. Translate to Orbiter, port, bay 4 3. Remove SWC latch PIP pins (2) 4. Release latch (2) from stow position 5. Stow PEC 7A in carrier (HRs out, Probe up) 6. Lock fwd latch in landing config 7. Retrieve RET 8. Lock aft latch in landing config | 1. Retrieve GREEN hook from S1 HR 3217 or Xo 5790 2. Translate to Node 2, stbd/zenith route   STOW MISSE 7B IN PLB (00:15)   |  | | --- | | WARNING | | 1. Stay  2 ft from exposed EFGF connector when OBSS berthed, powered, and EFGF not grappled |  1. Translate to Orbiter, stbd, bay 4 2. Remove SWC latch PIP pins (2) 3. Release latch (2) from stow position 4. Stow PEC 7B in carrier (HRs out, Probe up) 5. Lock aft latch in landing config 6. Retrieve RET 7. Lock fwd latch in landing config |
|  | 1. Glove and Gauntlet check 2. Translate aft to Bay 9 - MISSE 8 Retrieve | 1. \*\*Glove and Gauntlet check\*\* 2. '''Translate aft to S3 Face 1 - S3 CETA Light Install''' |