

Radiogram No. 3956u

Form 24 for 07.29.02

**Correction of БИHC Using PUMA Optical Instrument (Training) • PLASMA CRYSTAL  
Payload Ops • Restart of ЦБМ**

| <b>GMT</b>  | <b>Crew</b> | <b>Activity</b>  |
|-------------|-------------|--|
| 06:00–06:10 | CDR, FE-1   | Morning inspection   |
| 06:00–06:05 | FE-2        |  |
| 06:05–06:10 | FE-2        | PLASMA CRYSTAL-3: turbo pump activation  |
| 06:10–06:25 | FE-1        | Post-sleep   |
| 06:10–06:20 | FE-2        | Setup for MO-8   |
| 06:10–06:20 | CDR         | Calf volume measurement  |
| 06:20–06:35 |             | Body mass measurement  |
| 06:20–06:40 | FE-2        | Post-sleep   |
| 06:25–06:35 | FE-1        | Calf volume measurement  |
| 06:35–06:50 |             | Body mass measurement  |
| 06:35–07:05 | CDR         | Post-sleep   |
| 06:40–06:50 | FE-2        | Calf volume measurement  |
| 06:50–07:05 |             | Body mass measurement  |
|             |             | FE-1   |
| 07:05–07:55 | CDR, FE-1   | BREAKFAST  |
| 07:05–07:15 | FE-2        | MO-8: closeout ops   |
| 07:15–07:25 |             | Post-sleep   |
| 07:25–08:15 |             | BREAKFAST  |
| 07:55–08:30 | CDR, FE-1   | Prep for work  |
| 08:15–08:30 | FE-2        |  |
| 08:30–08:45 |             | Daily planning conference ( <i>S-band</i> )  |
| 08:45–08:55 | FE-2        | Prep for work  |
|             | FE-1        | Microgravity Science Glovebox (MSG) activation   |
| 08:45–10:30 | CDR         | Inspection of SM shell in SM Work Compartment behind panels 130, 134, 135, 138, and TVIS |
| 08:55–09:05 | FE-2        | DVCAM battery charge   |
| 08:55–09:15 | FE-1        | SUBSA: placement of specimen   |
| 09:05–11:35 | FE-2        | Collection of water samples from CPB-K and/or CBO-3B                                     |
| 09:15–09:35 | FE-1        | SUBSA: payloads ops (steps 1-7) 3 <sup>rd</sup> run                                      |
| 09:35–10:35 |             | Physical exercise (TVIS)   |
| 10:30–11:00 | CDR         | Smoke Detector ИДЭ-2 А4: cable continuity check  |
| 10:35–11:05 | FE-1        | Maintenance of RED bolts   |
| 11:00–12:00 | CDR         | Physical exercise (TVIS-2)   |
| 11:05–11:15 | FE-1        | SUBSA: payloads ops (step 8) w/ crew participation                                       |
| 11:15–11:30 |             | Routine inspection of RED  |
| 11:30–13:00 |             | Physical exercise (RED)  |
| 12:15–12:20 | CDR         | Inspection of БРПК-2 separator   |
| 12:20–12:40 |             | Correction of БИHC using PUMA optical instrument (backup)                                |

|             |           |   |
|-------------|-----------|---|
| 12:20–12:50 | FE-2      | PLASMA CRYSTAL-3: software update / tagup with ground specialist ( <i>S-band</i> )  |
| 12:40–13:10 | CDR       | Dismounting of PUMA optical instrument  |
| 13:00–13:05 | FE-1      | Weekly maintenance of TVIS  |
| 13:05–14:00 |           | Water Microbiology Kit (WMK): in-flight sample processing   |
| 13:05–14:05 | FE-2      | Physical exercise (TVIS-2)  |
| 13:10–13:50 | CDR       | Maintenance of COЖ  |
| 13:50–14:10 |           | Repress of ISS with O2 from Progress CPЖK system ( <b>on MCC GO</b> )   |
| 14:05–14:15 | FE-1      | SUBSA: VCR reconfig (crew)  |
| 14:15–15:15 |           | LUNCH   |
| 15:20–15:40 | CDR, FE-2 | ISS/MCC TV link: downlink of previously recorded video of RS ventilation setup (T <sub>0</sub> =15:16:20, T <sub>1</sub> , T <sub>2</sub> , T <sub>3</sub> activated from the Automated Daily Timeline (СПП), T <sub>0</sub> (backup)=16:52:06) |
| 15:20–15:30 | FE-1      | Daily payload status check  |
| 15:30–16:10 |           | IMS file prep   |
| 15:40–17:10 | CDR, FE-2 | Installation of Strength Trainer on ББ-3 Veloergometer  |
| 16:10–16:40 | FE-1      | Defibrillator test  |
| 16:40–17:10 |           | Microbiology analysis (T + 5)   |
| 17:10–17:30 |           | Transfer of microbiology sample data to MEC   |
| 17:10–18:40 | CDR       | Physical exercise (TVIS + active rest day 2)  |
|             | FE-2      | Physical exercise (VELO+RED day 2)  |
| 17:50–18:20 | FE-1      | Test of ATU1, ATU2 voice comm panels in LAB   |
| 18:25–18:55 |           | Daily plan review   |
| 18:40–18:55 | CDR       |   |
| 18:40–19:00 | FE-2      | SPRUT-K Experiment: Laptop 3 config   |
| 18:55–19:25 | CDR, FE-1 | Report prep   |
| 19:00–19:25 | FE-2      |   |
| 19:25–19:40 |           | Daily planning conference ( <i>S-band</i> )   |
| 19:40–19:45 | FE-2      | PLASMA CRYSTAL-3: turbo pump deactivation   |
| 19:40–20:10 | CDR, FE-1 | DINNER  |
| 19:45–20:10 | FE-2      |   |
| 20:10–20:30 |           | Daily food prep   |
| 20:30–21:30 |           | Pre-sleep   |
| 21:30–06:00 |           | SLEEP   |

**Note:**

See OSTP for references to US activities

End of radiogram