Radiogram No. 9453u

Form 24 for 01/22/2009

Refuel of SM Integrated Propulsion System Fuel Tank (БГ1 ОДУ) from Progress 401 Refueling System Fuel Tanks 1, 2 (БГ1, 2) with Nitrogen Removal Usind Compressor K1

| System i dei | Taliks I, Z (DI | 1, 2) With Nitrogen Kemovai Osina Compressor Ki |
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| GMT | CREW | ACTIVITY |
| 06:00-06:10 | CDR, FE-2 | Morning Inspection |
| 06:00-06:05 | FE-1 | ΠK-3 PLUS. Turbo-pump activation |
| 06:05-06:10 | | Morning Inspection |
| 06:10-06:40 | | Post-sleep |
| 06:40-07:30 | | BREAKFAST |
| 07:30-08:00 | | Prep for Work |
| 08:05-08:20 | | Daily Planning Conference (S-band) |
| 08:20-09:20 | CDR | Physical Exercise (CEVIS) |
| 08:20-09:20 | FE-1 | Physical Exercise (VELO), day 2 |
| 08:20-09:50 | FE-2 | Physical Exercise (RED) |
| 09:20-10:00 | FE-1 | ΠK-3 PLUS. ISS-MCC-M TV. Activate Hardware and start the Experiment. <i>Tagup with specialists (S-band)</i> |
| 09:50-10:50 | FE-2 | Physical Exercise (CEVIS) |
| 10:00-11:00 | FE-1 | Cleaning FGB ГЖТ [Gas-Liquid Heat Exchanger] detachable screens 1, 2, and 3 |
| 10:50-11:00 | FE-2 | Terminate EMU Metox Regeneration |
| 10:50-12:20 | CDR | Physical Exercise (RED) |
| 11:00-11:10 | FE-2 | Start EMU Metox Regeneration |
| 11:10-11:30 | FE-1 | ПК-3 PLUS. Experiment termination. Tagup with specialists (S-band) |
| 11:10-12:20 | FE-2 | Equipment Pre-pack for Return on Shuttle Flight 15A |
| 11:30-12:00 | FE-1 | ΠK-3 PLUS. Copying Data from the Hard Drive. Tagup with specialists (Sband) |
| 12:00-13:20 | | Physical Exercise (TVIS), day 2 |
| 12:20-12:50 | CDR, FE-2 | Skills training for the Shuttle R-Bar Pitch Maneuver |
| 12:50-12:55 | CDR | Image downlink |
| 13:00-13:30 | FE-2 | Crew Conference (Ku + S-band) |
| 13:10-13:20 | CDR | CWC audit |
| 13:20-14:20 | CDR, FE-1 | LUNCH |
| 13:30-14:20 | FE-2 | LUNCH |
| 14:20-17:20 | | ISS Emergency descent drill. Tagup with specialists (S-band) |
| 17:20-17:40 | CDR | Evening Work Prep |
| 17:20-18:00 | FE-2 | СОЖ Maintenance |
| 17:20-18:00 | FE-1 | Rheoplethysmograph (РПГ-1) Data Output Device (УСИ) checkout followed by Medical Locker container audit and photography (To=17:32). Tagup with specialists (VHF) |
| 17:40-17:55 | CDR | Questionnaire - journal entry |
| 17:55-18:00 | | Serial Network Flow Monitor (SNFM) LAN-1 EXPRESS Rack 1: Activation |
| 18:00-18:10 | | PAO Hardware Setup |
| 18:00-18:20 | FE-1 | IMS Update |
| 18:00-18:05 | FE-2 | Potable Water Dispenser (PWD) Flush |
| | II. | |

| 18:20-18:45 FE-1,FE-2 Evening Work Prep 18:20-18:40 CDR PAO event (Ku + S-band) 18:45-19:00 Daily Planning Conference (S-band) 19:00-19:30 Evening Work Prep 19:30-21:25 FE-1 Presleep (dinner, daily food prep, evening toilet) 19:30-21:30 CDR Pre-sleep ops 19:30-19:35 HAM Radio Setup 19:40-19:50 Pre-sleep ops 19:50-20:00 20:00-20:15 Crew Discretionary Conference (Ku + S-band) 19:20-15-21:30 FE-1 INK-3 PLUS. Turbo pump deactivation 18:20-18:40 FE-1 Evening Work Prep 18:20-18:40 Presleep (dinner, daily food prep, evening toilet) 18:45-19:00 Presleep (dinner, daily food prep, evening toilet) 19:40-19:50 Presleep (dinner, daily food prep, evening toilet) | | | |
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| Daily Planning Conference (S-band) | 18:20-18:45 | FE-1,FE-2 | Evening Work Prep |
| 19:00-19:30 Evening Work Prep 19:30-21:25 | 18:20-18:40 | CDR | PAO event (Ku + S-band) |
| 19:30-21:25 FE-1 19:30-21:30 CDR Presleep (dinner, daily food prep, evening toilet) Presleep ops 19:35-19:40 19:40-19:50 19:50-20:00 20:00-20:15 20:15-21:30 Presleep (dinner, daily food prep, evening toilet) Presleep ops HAM Radio Session Pre-sleep ops Crew Discretionary Conference (Ku +S-band) Presleep (dinner, daily food prep, evening toilet) Presleep (dinner, daily food prep, evening toilet) Presleep (dinner, daily food prep, evening toilet) | 18:45-19:00 | | Daily Planning Conference (S-band) |
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| 19:35-19:40 19:40-19:50 19:50-20:00 20:00-20:15 20:15-21:30 FE-2 HAM Radio Setup HAM Radio Session Pre-sleep ops Crew Discretionary Conference (<i>Ku</i> + <i>S</i> - <i>band</i>) Presleep (dinner, daily food prep, evening toilet) ΠK-3 PLUS. Turbo pump deactivation | 19:30-21:30 | CDR | |
| 19:40-19:50 19:50-20:00 20:00-20:15 20:15-21:30 PE-2 HAM Radio Session Pre-sleep ops Crew Discretionary Conference (<i>Ku</i> + <i>S</i> -band) Presleep (dinner, daily food prep, evening toilet) ΠK-3 PLUS. Turbo pump deactivation | 19:30-19:35 | FE-2 | Pre-sleep ops |
| Pre-sleep ops Crew Discretionary Conference (<i>Ku</i> + <i>S</i> - <i>band</i>) Presleep (dinner, daily food prep, evening toilet) 19:50-20:00 Pre-sleep ops Crew Discretionary Conference (<i>Ku</i> + <i>S</i> - <i>band</i>) Presleep (dinner, daily food prep, evening toilet) 11:25-21:30 FE-1 ΠK-3 PLUS. Turbo pump deactivation | 19:35-19:40 | | HAM Radio Setup |
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| Presleep (dinner, daily food prep, evening toilet) 21:25-21:30 FE-1 ΠΚ-3 PLUS. Turbo pump deactivation | 19:50-20:00 | | Pre-sleep ops |
| 21:25-21:30 FE-1 ΠK-3 PLUS. Turbo pump deactivation | 20:00-20:15 | | Crew Discretionary Conference (Ku +S-band) |
| | 20:15-21:30 | | Presleep (dinner, daily food prep, evening toilet) |
| 21:30-06:00 SLEEP | 21:25-21:30 | FE-1 | ΠK-3 PLUS. Turbo pump deactivation |
| | 21:30-06:00 | | SLEEP |

Notes:

- SM Window #9 shutter opening is at crew discretion w/ Report to MCC
 See OSTP for references to US activities.
 CDR, FE2: 09:20-11:10 No exercise in SM during ΠK-3 PLUS performance End of Radiogram