

Radiogram No. 1480nu

Updated

Form 24 for 10/22/09

Measuring Free Air in KOB1 Internal Thermal Loop

| GMT | CREW | ACTIVITY |
|-------------|-------------------------------------|--|
| 06:00-06:10 | CDR, FE-2 | Morning Inspection |
| 06:00-06:10 | FE-3 | SONOCARD Experiment Termination |
| 06:00-06:05 | FE-4 | Morning Inspection |
| 06:00-06:05 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 06:00-06:20 | FE-5 | Audio Dosimeter Preparation |
| 06:05-06:30 | FE-4 | Post-sleep |
| 06:05-06:10 | FE-1 | Morning Inspection |
| 06:10-06:40 | FE-1, FE-2, FE-3 | Post-sleep |
| 06:10-06:20 | CDR | Post-sleep |
| 06:20-06:25 | FE-5 | REACTION Self Test |
| 06:20-06:30 | CDR | Hematocrit Test |
| 06:25-06:30 | FE-5 | ICV/V Makita Battery Swap |
| 06:30-06:45 | CDR | Post-sleep |
| 06:30-06:40 | FE-4 | Hematocrit Test |
| 06:30-06:50 | FE-5 | Post-sleep |
| 06:40-07:30 | FE-1, FE-2 | BREAKFAST |
| 06:40-06:50 | FE-3 | Hematocrit Test |
| 06:40-07:30 | FE-4 | BREAKFAST |
| 06:45-07:30 | CDR | BREAKFAST |
| 06:50-07:35 | FE-3 | BREAKFAST |
| 06:50-07:00 | FE-5 | Hematocrit Test |
| 06:50-07:30 | FE-5 | BREAKFAST |
| 07:00-07:30 | FE-5 | Post-sleep |
| 07:30-07:40 | CDR, FE-1 , FE-2, FE-4, FE-5 | Work Prep |
| 07:35-07:40 | FE-3 | Hematocrit Equipment Stowage |
| 07:40-08:05 | | Daily Planning Conference (<i>S-band</i>) |
| 08:05-09:25 | CDR | Unpacking US Cargo Delivered by 35P |
| 08:05-08:10 | FE-3 | Work Prep |
| 08:05-12:05 | FE-1 | Measuring Free Air in KOB1 Internal Thermal Loop. <i>Tagup with specialists (S-band)</i> |
| 08:05-08:15 | FE-2, FE-5 | Work Prep |
| 08:05-08:20 | FE-4 | FIR Photo/Video Set up |
| 08:10-08:25 | FE-3 | SONOCARD Copying Data to RSE-MED Laptop and OCA Data Downlink |
| 08:15-09:45 | FE-2 | Physical Exercise (ARED) |
| 08:20-09:20 | FE-5 | Crew time for ISS adaptation and orientation |
| 08:20-08:30 | FE-4 | TVIS Exercise Video Equipment Setup |
| 08:25-10:25 | FE-3 | Cargo Audit in FGB Stowage Areas |
| 08:30-08:40 | FE-4 | SDTO TVIS Harness Setup |
| 08:40-09:45 | FE-4 | Treadmill 2 (T2) Short Duration Test 4, Subject 1 |
| 09:20-09:25 | FE-5 | ICV/V Makita Battery Swap |
| 09:25-09:55 | CDR, FE-5 | Crew Medical Restraint System (CMRS) - Checkout |
| 09:45-09:55 | FE-2, FE-4 | Photography of Transducer Placement on Glenn Harness |
| 09:55-10:00 | FE-2 | FIR. Rack Door Close Type 1 for Configure. |

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| 09:55-11:05 | FE-4 | Unpacking US Cargo Delivered by 35P |
| 09:55-10:10 | CDR, FE-5 | Respiratory Support Pack Checkout |
| 10:00-10:10 | FE-2 | FIR. Spacer Plate Removal |
| 10:10-11:35 | FE-2 | FIR Avionics Package Installation |
| 10:10-11:40 | FE-5 | Physical Exercise (ARED) |
| 10:20-10:40 | CDR | TeSS Blanket Prep |
| 10:25-11:15 | FE-3 | ΠΦ1, ΠΦ2 Dust Collector Filter Replacement, B1, B2 fan grille cleaning <i>/(ΦΓΒ1ΠΓΟ_4_417_1, bag 402 (00048867R) Update IMS)</i> |
| 10:40-11:55 | CDR | TESS Setup |
| 11:05-11:35 | FE-4 | OpsLAN Reload |
| 11:15-11:35 | FE-3 | Inspection of CPB-K2M Sediment Trap Insert |
| 11:35-12:10 | FE-2 | FIR IPSU Installation |
| 11:35-13:05 | FE-4 | Physical Exercise (ARED) |
| 11:55-13:05 | CDR | Unpacking US Cargo Delivered by 35P |
| 11:55-12:00 | FE-5 | ICV/V Makita Battery Swap |
| 12:05-13:05 | FE-1 , FE-5 | CHeCS Medical Emergency Training |
| 12:10-13:05 | FE-2 | FIR White Light Installation |
| 13:05-14:05 | | LUNCH |
| 14:05-14:15 | CDR | CWC Audit |
| 14:05-15:05 | FE-1 | Crew time for ISS adaptation and orientation |
| 14:05-14:35 | FE-3 | Pressurization of spare Elektron Liquid Unit #056 |
| 14:05-14:35 | FE-4 | EHS MCD Water Processing |
| 14:05-14:15 | FE-2 | SLT File Update |
| 14:15-14:55 | CDR | TEPC Repair and Recovery |
| 14:25-14:55 | FE-2, FE-5 | Skills training for the Shuttle R-Bar Pitch Maneuver |
| 14:35-14:45 | FE-4 | OpsLAN H/D Reload Setup |
| 14:35-15:15 | FE-3 | COЖ Maintenance |
| 14:45-15:15 | FE-4 | SSC T61P File Server Installation (Prep for SW Reload via OpsLAN) |
| 14:55-15:10 | FE-2 | EarthKAM Lens Change |
| 14:55-16:25 | CDR | Physical Exercise (ARED) |
| 14:55-15:00 | FE-5 | Image Downlink |
| 15:10-15:20 | FE-2 | Terminate EMU Metox Regeneration |
| 15:15-15:35 | FE-5 | ICV/C Ambulatory Monitoring Midpoint |
| 15:15-15:35 | FE-3 | IMS Update |
| 15:15-16:55 | FE-4 | SSC T61P File Server Installation (Prep for SW Reload via OpsLAN) |
| 15:20-15:30 | FE-2 | Start EMU Metox Regeneration |
| 15:25-16:25 | FE-1 | Physical Exercise (TVIS), day 4 |
| 15:35-15:50 | FE-2 | Private Family Conference (<i>Ku+S-band</i>) |
| 15:35-15:45 | FE-5 | Battery Stowage Assembly (BSA) Battery Recharge Terminate |
| 15:45-16:05 | FE-5 | Start BSA Battery Charge |
| 16:00-16:30 | FE-3 | SEINER Ocean Observations |
| 16:00-16:15 | FE-2 | VHF Comm Check Using US Ground Sites |
| 16:05-17:10 | FE-5 | Treadmill 2 (T2) Short Duration Test 4, Subject 1 |
| 16:15-17:00 | FE-2 | FIR Smoke Detector and Air Velocity Probe Installation |
| 16:25-17:25 | CDR | Physical Exercise (TVIS) |
| 16:25-16:55 | FE-1 | Hygiene Procedures |

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| 16:30-17:30 | FE-3 | Physical Exercise (ARED) |
| 17:00-17:10 | FE-2 | FIR Optics Bench Rotation |
| 17:10-18:10 | FE-2 | Treadmill 2 (T2) Long Duration Test |
| 17:15-17:25 | FE-4 | PAO Hardware Setup |
| 17:20-17:25 | FE-5 | Daily Diet Monitoring |
| 17:25-17:35 | CDR, FE-4, FE-5 | Crew Prep for PAO |
| 17:30-18:30 | FE-3 | Physical Exercise (TVIS), day 1 |
| 17:30-18:30 | FE-1 | Physical Exercise (ARED) |
| 17:35-17:55 | CDR, FE-4, FE-5 | PAO Event (<i>Ku+S-band</i>) |
| 17:55-18:10 | FE-4, FE-5 | Evening Work Prep |
| 17:55-18:20 | CDR | Evening Work Prep |
| 18:10-18:25 | FE-2 | FIR Optics Bench Configuration |
| 18:10-18:25 | FE-4 | Stow video equipment used to record TVIS exercise |
| 18:10-18:20 | FE-5 | HR Data Transfer to MEC |
| 18:20-18:40 | FE-5 | Evening Work Prep |
| 18:20-18:30 | CDR | PAO Hardware Deactivation |
| 18:25-19:00 | FE-4 | Evening Work Prep |
| 18:25-18:45 | FE-2 | FIR Hard Drive Installation |
| 18:30-19:00 | FE-3 | Hygiene Procedures |
| 18:35-18:45 | FE-1 | Evening Work Prep |
| 18:40-19:00 | FE-5 | Pre-sleep |
| 18:45-18:50 | CDR | Transfer TVIS, CEVIS, and HRM data to MEC |
| 18:45-18:50 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 18:45-18:50 | FE-2 | FIR Environmental Electronics Unit (EEU) Airflow Bypass Adjustment |
| 18:50-19:00 | CDR | Evening Work Prep |
| 18:50-18:55 | FE-2 | FIR. Rack Door Close Type 2 for Configure. |
| 18:50-19:00 | FE-1 | ГФИ-8 Tagup (<i>S-band</i>) |
| 19:00-19:25 | . | Daily Planning Conference (<i>S-band</i>) |
| 19:25-19:30 | FE-5 | MPC Power Up |
| 19:25-21:20 | FE-1 | Pre-sleep |
| 19:30-21:10 | FE-5 | Pre-sleep |
| 19:30-21:30 | CDR, FE-2, FE-3 , FE-4 | Pre-sleep |
| 21:10-21:15 | FE-5 | REACTION Self Test |
| 21:15-21:25 | FE-5 | Acoustic Dosimeters - Presleep Equipment Setup (operation 2 of 5) |
| 21:20-21:30 | FE-1 | SONOCARD Experiment Start |
| 21:25-21:30 | FE-5 | MPC Power Down |
| 21:30-06:00 | | SLEEP |

Notes:

1. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC**
 2. See OSTP for references to US activities
 3. Pre-sleep: dinner, daily food prep, evening toilet
- End of Radiogram