

Radiogram No. 1644u

Form 24 for 11/12/09

MRM2 Docking to SM ΠxO (+Y)

| GMT | CREW | ACTIVITY |
|-------------|---|---|
| 06:00-06:10 | CDR, FE-2, FE-3 , FE-4, FE-5 | Morning Inspection |
| 06:00-06:05 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 06:05-06:10 | FE-1 | Morning Inspection |
| 06:10-06:40 | | Post-sleep |
| 06:40-07:30 | | BREAKFAST |
| 07:30-07:35 | FE-5 | REACTION Self Test |
| 07:30-07:40 | CDR, FE-1 , FE-2, FE-3 , FE-4 | Work Prep |
| 07:40-08:05 | | Daily Planning Conference (<i>S-band</i>) |
| 08:05-08:10 | FE-1 | IZGIB -DAKON. Payload Status Check |
| 08:05-09:35 | FE-2 | Physical Exercise (ARED) |
| 08:10-11:10 | FE-1 | ODF Audit |
| 08:10-08:40 | CDR, FE-4 | BIORHYTHM Preparation and Recording |
| 08:40-09:10 | CDR, FE-4- assists | Periodic Health Status - Subject |
| 08:40-09:00 | FE-5 | VO2 PPFS Setup |
| 09:00-09:10 | FE-5 | VO2 PPFS Powerup |
| 09:05-10:05 | FE-3 | Physical Exercise (TVIS), day 2 |
| 09:15-10:50 | FE-4 | ICV Monitoring Start |
| 09:30-09:40 | FE-5 | ICV-AMB. Assistance During Experiment (operator 1) |
| 09:35-11:05 | CDR | Physical Exercise (ARED) |
| 09:35-09:45 | FE-2 | TVIS Prep for SDTO |
| 09:45-10:45 | FE-2 | Physical Exercise T2 |
| 09:55-10:05 | FE-5 | ICV-AMB. Assistance During Experiment (operator 2) |
| 10:05-10:10 | FE-3 | TVIS Inspection |
| 10:05-10:20 | FE-5 | VO2 Stow |
| 10:10-10:40 | FE-3 | Hygiene Procedures |
| 10:20-10:35 | FE-5 | VO2 Thermolab Activation |
| 10:45-10:55 | FE-2 | SDTO TVIS Data Downlink |
| 10:50-11:15 | FE-5 | VO2 Setup |
| 10:55-11:05 | FE-2 | SDTO TVIS Inspection |
| 11:05-11:35 | FE-2 | SEED Sample Collection 2 Closeout Ops |
| 11:10-12:10 | FE-1 | Physical Exercise (TVIS), day 1 |
| 11:10-11:20 | CDR | JPM and LAB Window Shutter Closure |
| 11:15-11:55 | FE-5 | VO2 Run |
| 11:20-12:35 | CDR | IVDL FLASH Disk Changeout |
| 11:25-12:55 | FE-4 | Physical Exercise (ARED) |
| 11:30-11:40 | FE-3 | Monitoring SSC1 Laptop Image during MPEG-2 Streaming Test |

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| 11:35-11:40 | FE-2 | SEED ELT Laptop Deactivation |
| 11:55-12:05 | FE-5 | Thermolab Data Downlink and Equipment Stowage |
| 11:55-12:20 | FE-2 | SEED ELT Laptop Removal |
| 12:00-12:40 | FE-3 | COX Maintenance |
| 12:05-13:05 | FE-5 | Food Warmer Inspection and IFM |
| 12:10-12:15 | FE-1 | TVIS Inspection |
| 12:15-12:45 | FE-1 | Hygiene Procedures |
| 12:35-13:05 | FE-2, CDR-assists | Periodic Health Status - Subject |
| 12:45-13:45 | FE-1, FE-3 | LUNCH |
| 12:55-13:05 | FE-4 | CWC Audit |
| 13:05-14:05 | CDR, FE-2, FE-4, FE-5 | LUNCH |
| 13:45-14:15 | FE-1, FE-3 | Preparation for MRM2 Docking (Progress 302) |
| 14:05-14:10 | CDR | SM HAM Radio Deactivation |
| 14:05-14:10 | FE-4 | ICV MAKITA Battery Swap |
| 14:05-14:20 | FE-5 | Food Frequency Questionnaire |
| 14:10-14:15 | CDR | Activation of A31P Laptop |
| 14:10-15:10 | FE-2 | Crew Departure Prep |
| 14:15-15:45 | FE-1, FE-3 | MRM2 Docking to SM PLO (+Y) |
| 14:15-14:50 | CDR | EHS MCD Water Processing |
| 14:20-14:40 | FE-5 | Start BSA Battery Charge |
| 14:40-14:45 | FE-5 | VO2 Data Downlink |
| 14:45-14:55 | FE-5 | VO2 MBS Cleanup |
| 14:55-15:10 | CDR | Food Frequency Questionnaire |
| 15:10-16:10 | CDR, FE-4 | Crew Departure Prep |
| 15:15-16:05 | FE-2 | SEED CBEF Desiccant Removal |
| 15:55-16:05 | FE-5 | VO2 PPFS Setup |
| 16:00-16:05 | FE-3 | Reconfigure Comm after MRM2 Docking |
| 16:00-16:30 | FE-1 | On MCC Go Configure Common Power in SM for MRM2 |
| 16:05-16:35 | FE-2 | CBEF Temperature Sensor Replacement |
| 16:10-16:40 | FE-4, CDR-assists | Periodic Health Status - Subject |
| 16:30-17:30 | FE-3 | Physical Exercise (ARED) |
| 16:30-16:50 | FE-1 | On-orbit Hearing Assessment using EARQ |
| 16:35-16:45 | FE-5 | Troubleshooting Camcorder G1, S/N 1012 |
| 16:45-16:55 | FE-5 | CSA-CP Battery Changeout |
| 16:50-17:10 | FE-1 | IMS Update |
| 16:50-17:30 | FE-4 | Periodic Health Status (PHS) Data Entry and Stowage of All Hardware Used in PHS |
| 16:55-17:10 | CDR, FE-2, FE-5 | Tagup w/specialists regarding Shuttle R-Bar Pitch Maneuver photo/video |
| 17:10-17:15 | FE-5 | VO2 PPFS Stowage |

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| 17:10-17:20 | FE-1 | ON MCC GO Monitoring Secondary Purification Unit Temperature After Elektron Activation |
| 17:15-17:30 | FE-5 | Evening Work Prep |
| 17:25-17:40 | FE-2 | Food Frequency Questionnaire |
| 17:30-18:45 | FE-1, FE-3 | On MCC Go MRM2 - SM Interface Leak Check |
| 17:30-19:00 | FE-5 | Physical Exercise (ARED) |
| 17:40-17:45 | CDR | Disconnect Display and Control Panel (DCP) Power Cable |
| 17:40-19:10 | FE-2 | Starboard Crew Quarters Airflow Troubleshooting |
| 17:45-18:45 | CDR | Physical Exercise T2 |
| 17:50-18:05 | FE-4 | Food Frequency Questionnaire |
| 18:05-18:10 | FE-4 | ICV MAKITA Battery Swap |
| 18:10-19:10 | FE-4 | Physical Exercise (CEVIS) |
| 18:45-19:10 | CDR, FE-3 | Evening Work Prep |
| 18:50-18:55 | FE-1 | IZGIB -DAKON. DAKON Hardware Deactivation |
| 18:55-19:10 | FE-1 | Evening Work Prep |
| 19:00-19:05 | FE-5 | REACTION Self Test |
| 19:05-19:10 | FE-5 | Transfer TVIS, CEVIS, and HRM data to MEC |
| 19:10-19:35 | | Daily Planning Conference (<i>S-band</i>) |
| 19:35-21:30 | CDR, FE-2, FE-3 | Pre-sleep |
| 19:35-21:25 | FE-1, FE-4 | Pre-sleep |
| 19:35-19:40 | FE-5 | MPC Power Up |
| 19:40-21:25 | FE-5 | Pre-sleep |
| 21:25-21:30 | FE-4 | Pre-sleep ICV Makita Battery Exchange |
| 21:25-21:30 | FE-5 | MPC Power Down |
| 21:25-21:30 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 21:30-06:00 | | SLEEP |
| Task List | FE-1, FE-3 | Life on the ISS Footage for TBL TV Channel |

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