

Radiogram No. 5190u Form 24 for 01/26/2011

Crew Health Status Check. PILOT-M Experiment

| GMT | CREW | ACTIVITY |
|-------------|-------------------------------------|--|
| 06:00-06:05 | CDR | SLEEP Data Log Entry |
| 06:00-06:10 | FE-1, FE-2 | Morning Inspection |
| 06:00-06:05 | FE-4 | Elektron-VM Aerosol Filter Inspection |
| 06:00-06:05 | FE-5, FE-6 | Reaction Self Test |
| 06:05-06:10 | FE-4, FE-5, FE-6 | Morning Inspection |
| 06:05-06:25 | CDR | Urine Sample Collection |
| 06:10-06:40 | FE-1, FE-2, FE-4, FE-5, FE-6 | Post-sleep |
| 06:25-06:30 | CDR | HRF Urine Sample Insertion into MELFI |
| 06:30-06:40 | CDR | HRF Refrigerated Centrifuge Setup |
| 06:40-07:00 | CDR | HRF Blood Sample Draw |
| 06:40-06:55 | FE-6 | HRF Blood Draw Operator |
| 06:40-07:30 | FE-1, FE-2, FE-4, FE-5 | BREAKFAST |
| 06:55-07:30 | FE-6 | BREAKFAST |
| 07:00-07:10 | CDR | Morning Inspection |
| 07:10-07:20 | CDR | HRF Refrigerated Centrifuge Configure |
| 07:20-07:25 | CDR | Reaction Self Test |
| 07:25-07:50 | CDR | Post-sleep |
| 07:30-07:35 | FE-6 | ISS HAM Radio Setup in Service Module |
| 07:30-07:50 | FE-1, FE-2, FE-4, FE-5 | Work Prep |
| 07:35-07:50 | FE-6 | ISS HAM Radio Session From SM |
| 07:50-08:10 | FE-6 | Work Prep |
| 07:50-08:00 | FE-2 | Terminate 2nd Orlan 825M3 Battery Pack discharge |
| 07:50-07:55 | CDR | HRF Refrigerated Centrifuge Configuration |
| 07:50-08:20 | FE-1 | CM atmosphere analysis using CMS (from ГАНК-4М Kit) |
| 07:50-08:10 | FE-4 | Tightening Screw Clamps on MRM1/FGB Interface |
| 07:50-08:00 | FE-5 | CSA-CP Battery Changeout |
| 07:55-08:05 | CDR | Nutrition and Repository Blood Sample Insertion into MELFI |
| 08:00-08:15 | FE-2 | ACCURO Manual Pumps Checkout |
| 08:05-08:20 | CDR | BREAKFAST |
| 08:20-08:45 | | Daily Planning Conference (<i>S-band</i>) |
| 08:45-08:55 | FE-6 | WRS Water Sample Analysis |
| 08:45-08:55 | FE-1 | Private Medical Conference with Physical Exercise Specialist (<i>S-band</i>) |
| 08:45-08:55 | FE-2 | КОБ2 4ГБ4 Half-Coupling Shell Coolant Leak Check |
| 08:45-10:15 | FE-5 | Physical Exercise (ARED) |
| 08:45-09:25 | CDR | BREAKFAST |
| 08:55-09:05 | FE-2 | Private Medical Conference with Physical Exercise Specialist (<i>S-band</i>) |

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| 08:55-11:15 | FE-6 | SM Water Sampling |
| 08:55-09:35 | FE-1 | Verification of cable connections to БСПН. <i>Tagup with specialists (S-band, VHF)</i> |
| 09:05-12:55 | FE-2 | PILOT-M Experiment Using Neurolab |
| 09:05-09:15 | FE-4 | Private Medical Conference with Physical Exercise Specialist (S-band) |
| 09:15-10:30 | FE-4 | Study of veins in lower extremities |
| 09:30-09:40 | CDR | CIR Video Setup |
| 09:40-09:50 | CDR | CIR Rack Doors Open |
| 09:45-10:05 | FE-1 | PILOT. Assistance with the experiment using Neurolab |
| 09:50-10:20 | CDR | Combustion Integrated Rack Manifold Bottle Replacement |
| 10:05-11:05 | FE-1 | Progress 407 Docking Mechanism Removal |
| 10:15-11:15 | FE-5 | Physical Exercise T2 |
| 10:20-10:25 | CDR | CIR Close CIR Manifold Bottle Valves |
| 10:25-10:35 | CDR | CIR Rack Doors Close |
| 10:30-11:40 | FE-4 | Life On The Station Photo and Video |
| 10:35-12:05 | CDR | Physical Exercise (ARED) |
| 11:05-11:25 | FE-1 | Installing two handles 11Ф732.Г1222-20 on the external side of Progress 407 hatch door |
| 11:15-11:45 | FE-5 | T2 Jam Nut Secure |
| 11:15-12:05 | FE-6 | Marangoni Preparation 3 |
| 11:25-12:55 | FE-1 | Physical Exercise (TVIS), Day 1 |
| 11:40-13:00 | FE-4 | Cleaning Ventilation Screens on FGB Interior Panels (panels 116, 316, 231, 431) |
| 11:45-12:00 | FE-5 | ESA Astronaut Office Crew Conference |
| 12:05-12:35 | FE-5 | Post-EVA-27 US Tools Stow |
| 12:05-12:20 | FE-6 | Marangoni Cable Connection |
| 12:05-12:50 | CDR | WRS Sample Collection |
| 12:20-12:25 | FE-6 | Node1 Nadir CBCS Camera Removal |
| 12:35-12:50 | FE-5 | WHC EDV Prep |
| 12:40-12:45 | FE-6 | CGBA-5 Status Check |
| 12:45-12:50 | FE-6 | TOCA Data Recording |
| 12:50-13:50 | FE-6 | LUNCH |
| 12:50-12:55 | FE-5 | RWS Cable Checkout |
| 12:55-13:00 | FE-5 | Connecting DCP Power Cable |
| 13:00-14:00 | CDR, FE-1, FE-2, FE-4, FE-5 | LUNCH |
| 13:50-14:00 | FE-6 | TOCA Potable Water Dispenser (PWD) Sample Analysis |
| 14:00-15:20 | FE-6 | WMK In-Flight Water Processing |
| 14:00-15:20 | FE-1 | Search for Pretreat and Water Dispenser (ДкиВ) (ACU Spare Parts Kit) 701008 (b/c 00047097R), #907019 (b/c 00049101R). Location candidates for search CM1PO_4_ACY_454_1, ЗИП ACY (SM behind pnls 138 and 451) |
| 14:00-14:10 | CDR | CIR Rack Doors Open |
| 14:00-14:40 | FE-4 | Filling EDV [KOB] for Elektron-VM from CWC #1004 (43 L) #1030 (44.8 L) |

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| 14:00-14:15 | FE-5 | Private Psychological Conference |
| 14:00-15:20 | FE-2 | ОТКЛИК [RESPONSE] Photography of areas behind SM panels to facilitate PL installation |
| 14:10-14:20 | CDR | CWC Audit |
| 14:20-14:30 | FE-5 | PAO Hardware Setup |
| 14:20-14:35 | CDR | HRF Blood Collection Hardware Stowage |
| 14:30-14:40 | FE-5 | Crew Prep for PAO |
| 14:35-14:55 | CDR | HRF Urine Collection Hardware Stowage |
| 14:40-15:20 | FE-4 | СОЖ Maintenance |
| 14:40-15:00 | FE-5 | PAO Event |
| 15:00-15:10 | FE-5 | Post-PAO Hardware Deactivation |
| 15:00-15:05 | CDR | CIR-FMCL Open |
| 15:05-15:15 | CDR | CIR Rack Doors Close |
| 15:10-15:40 | FE-5 | JEM Pivot Fittings Swap |
| 15:15-16:35 | CDR | MSG Ground Strap Installation |
| 15:20-16:20 | FE-4 | Physical Exercise (ARED) |
| 15:20-16:50 | FE-2 | Physical Fitness Evaluation (on treadmill) |
| 15:20-15:40 | FE-1 | EXPOSE-R. Copy БСММ (Multiplex Bus Synch Unit) data to memory card (Start) |
| 15:20-15:30 | FE-6 | EHS Water Reclamation |
| 15:30-16:30 | FE-6 | Physical Exercise T 2 |
| 15:40-16:40 | FE-5 | JEM AVCO Reconfig |
| 15:40-16:40 | FE-1 | Physical Exercise (VELO), Day 1 |
| 16:20-17:50 | FE-4 | Physical Exercise (TVIS), Day 2 |
| 16:30-18:00 | FE-6 | Physical Exercise (ARED) |
| 16:35-17:35 | CDR | Physical Exercise T2 |
| 16:40-17:00 | FE-1 | EXPOSE-R. Copy БСММ (Multiplex Bus Synch Unit) data to memory card (End) |
| 16:40-16:45 | FE-5 | Cupola Crew Restraint (CCR) Installation |
| 16:45-17:05 | FE-5 | Robotic Workstation Setup for HTV Capture |
| 16:50-17:50 | FE-2 | Physical Exercise (VELO), Day 1 |
| 17:00-17:20 | FE-1 | CONTUR. REU photography after it has been dismantled during EVA 26 |
| 17:05-17:10 | FE-5 | RWS Crew Restraint Removal |
| 17:10-17:40 | FE-5 | HTV Hardware Command Panel (HCP) Setup |
| 17:20-17:35 | FE-1 | Verify ИП-1 Flow Meter Configuration |
| 17:35-17:55 | FE-1 | IMS Update |
| 17:35-17:45 | CDR | T2 Snubber Arm Inspection |
| 17:40-18:00 | FE-5 | HTV Control Panel Light Indication and Command Test |
| 18:00-18:30 | | Expedition 27 Crew Conference |
| 18:30-18:45 | FE-1, FE-2 | Evening Work Prep |
| 18:30-18:40 | CDR | USOS Window Shutter Close |
| 18:30-18:35 | FE-4 | Elektron-VM Aerosol Filter Inspection |
| 18:30-18:35 | FE-5 | Stow Video Equipment Used for ARED Exercise Video |

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| 18:30-18:40 | FE-6 | TOCA 2 Data Recording |
| 18:35-18:45 | FE-4, FE-5 | Evening Work Prep |
| 18:40-18:45 | FE-6 | WHC config to use internal EDV-U during troubleshooting |
| 18:45-19:10 | | Daily Planning Conference (<i>S-band</i>) |
| 19:10-19:30 | | Evening Work Prep |
| 19:30-21:25 | FE-5, FE-6 | Pre-sleep |
| 19:30-21:30 | FE-1, FE-2, FE-4 | Pre-sleep |
| 19:30-19:35 | CDR | MPC Power Up |
| 19:35-21:20 | CDR | Pre-sleep |
| 21:20-21:25 | CDR | Reaction Self Test |
| 21:25-21:30 | CDR | MPC Power Down |
| 21:25-21:30 | FE-5, FE-6 | Reaction Self Test |
| 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 ops: daily food prep, dinner, pre-sleep
- End of Radiogram