

Radiogram No. 2281 u

Form 24 for 02/05/10

SM PROPULSION COMPARTMENT [AO] - PROGRESS INTERFACE LEAK CHECK. HATCH OPENING. RS ATTITUDE CONTROL THRUSTER (DO) INHIBIT ELECTRICAL INTERFACE TEST BETWEEN PROGRESS UBM101 CENTRAL COMPUTER AND SM TBM TERMINAL COMPUTER

| GMT | CREW | ACTIVITY |
|-------------|-----------------------|---|
| 00:10-00:20 | CDR, FE-1, FE-5, FE-6 | Morning Inspection |
| 00:10-00:15 | FE-4 | Elektron-VM Aerosol Filter Inspection |
| 00:15-00:20 | FE-4 | Morning Inspection |
| 00:20-00:55 | FE-4 | Post-sleep |
| 00:20-00:50 | CDR, FE-1, FE-5, FE-6 | Post-sleep |
| 00:50-01:40 | CDR, FE-1, FE-5, FE-6 | BREAKFAST |
| 00:55-01:05 | FE-4 | Monitoring TV signal on SSC1 Laptop during MPEG Streaming Test |
| 01:05-02:00 | FE-4 | BREAKFAST |
| 01:40-02:00 | CDR, FE-5, FE-6 | Work Prep |
| 01:50-02:00 | FE-1 | IZGIB -DAKON. Hardware Activation |
| 02:00-02:25 | | Daily Planning Conference (<i>S-band</i>) |
| 02:25-02:55 | FE-1, FE-4 | Preparation for Progress 404 docking |
| 02:30-02:35 | FE-5 | Activation of A31P Laptop |
| 02:35-02:45 | CDR | CIR Alignment Guide Installation |
| 02:35-02:50 | FE-6 | Food Frequency Questionnaire |
| 02:35-04:25 | FE-5 | Warning Book Update |
| 02:45-02:55 | CDR | Environmental Health System (EHS) Colorimetric Water Quality Monitoring Kit (CWQMK) Stowage: Unpacking Samples for Analysis |
| 02:55-03:45 | CDR | EHS Colorimetric Water Analysis |
| 02:55-04:25 | FE-1, FE-4 | Progress 404 Docking to SM AO |
| 03:45-04:00 | CDR | Food Frequency Questionnaire |
| 04:00-05:00 | CDR | SLEEP. Actiwatch Data Download |
| 04:20-04:40 | FE-6 | OGS Rack O2 and N2 Access to Activate OGS |
| 04:25-04:40 | FE-5 | DOUG Cable Installation |
| 04:40-05:00 | FE-6 | Activate OGS Water Delivery System (WDS) |
| 04:40-04:55 | FE-5 | Starting DOUG software to support SSRMS ops |
| 04:55-05:55 | FE-5 | Hardware Prepack for Return on 20A |
| 05:00-05:15 | CDR | Removal of test equipment for Ku-band TV downlink (after Progress docking) |
| 05:00-06:00 | FE-6 | OGS Rack Access |
| 05:25-06:25 | FE-1, FE-4 | LUNCH |
| 05:55-06:55 | FE-5 | LUNCH |
| 06:00-07:00 | CDR, FE-6 | LUNCH |
| 06:25-06:45 | FE-1 | IZGIB -DAKON. Data Downlink and Closeout Ops |
| 06:45-08:00 | FE-1, FE-4 | Progress 404 / SM AO Interface Leak Check |
| 06:55-08:05 | FE-5 | CBEF Fan Rotation |

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| 07:00-07:10 | CDR | SLAMMD Hardware Retrieval and Setup |
| 07:00-07:30 | FE-6 | Rebooting all PCS/PWS |
| 07:10-07:20 | CDR | SLAMMD Body Mass Measurement |
| 07:20-07:35 | CDR | WRS-UPA. Hose Replacement |
| 07:30-07:40 | FE-6 | SLAMMD Body Mass Measurement |
| 07:35-07:55 | CDR | CSA-CP Label Install |
| 07:40-07:50 | FE-6 | SLAMMD Equipment Temp Stow |
| 07:50-08:05 | FE-6 | APEX PL Review |
| 08:00-08:20 | FE-1, FE-4 | On MCC GO Open ПpK -CY and Progress - CY transfer hatches |
| 08:05-08:35 | FE-6 | DOUG Software Review |
| 08:05-08:35 | FE-5 | EMU TRANSFER |
| 08:20-08:40 | FE-1, FE-4 | Install Quick Release Screw Clamps |
| 08:35-08:50 | FE-6 | OGS Rack Access |
| 08:05-10:05 | CDR | Hardware Prepack for Return on 20A |
| 08:35-10:05 | FE-5 | Physical Exercise (ARED) |
| 08:40-09:00 | FE-4 | Photo of a Scuff mark Left by the Active Docking Mechanism Probe on the DC1 Passive Mechanism Receiving Cone |
| 08:40-08:55 | FE-1 | Progress Air Sampling Using AK-1M Sampler |
| 08:55-09:25 | FE-1 | Progress 404 deactivation, air duct installation |
| 08:55-10:00 | FE-6 | OGS Rack Access |
| 09:00-09:20 | FE-4 | Downlink Docking Cone Internal Surface Photos and Data via OCA / r/g 0277 |
| 09:20-10:20 | FE-4 | Physical Exercise (VELO), Day 3 |
| 09:25-10:25 | FE-1 | Progress 404 Docking Mechanism Removal |
| 10:00-10:20 | FE-6 | Activate OGS Water Delivery System (WDS) |
| 10:05-11:05 | FE-5 | Physical Exercise (CEVIS) |
| 10:05-11:35 | CDR | Physical Exercise (ARED) |
| 10:20-10:30 | FE-6 | AR Closeout Ops |
| 10:25-11:25 | FE-4 | Progress 404 Unloading And IMS Updates |
| 10:25-11:05 | FE-1 | COЖ Maintenance |
| 10:35-11:35 | FE-6 | Physical Exercise T 2 |
| 11:25-11:55 | FE-1 | Structure. Transferring Luch-2 Hardware to SM |
| 11:25-11:40 | FE-4, FE-5 | CRYSTALLIZER. Transfer from Progress, Photography, Inspection and PCG handover <i>Tagup with Specialists (S-band)</i> |
| 11:35-13:05 | FE-6 | Physical Exercise (ARED) |
| 11:40-12:35 | FE-5 | PCG Installation |
| 11:40-11:55 | CDR, FE-4 | Transfer of FOCUS Hardware kit from Progress, Inspection, Photography and Handover |
| 11:55-12:05 | CDR | SDTO TVIS Harness Setup |
| 11:55-12:55 | FE-1 | Physical Exercise (VELO), Day 2 |
| 12:00-12:20 | FE-4 | GINSENG-2. Transfer from Progress to DC1 and set up for exposure |
| 12:05-13:05 | CDR | Physical Exercise (TVIS) |
| 12:25-12:30 | FE-4 | Elektron-VM Aerosol Filter Inspection |
| 12:30-12:50 | FE-4 | IMS Update |

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| 12:35-12:45 | FE-5 | JAXA-PCG Closeout Ops |
| 12:50-13:25 | FE-4 , FE-5 | Evening Work Prep |
| 12:55-13:25 | FE-1 | Evening Work Prep |
| 13:05-13:15 | CDR | SDTO TVIS Harness Data Downlink |
| 13:05-13:20 | FE-6 | OGS WDS Config |
| 13:15-13:25 | CDR | SDTO TVIS Inspection |
| 13:25-13:50 | | Daily Planning Conference (<i>S-band</i>) |
| 13:50-14:10 | | Flight Director / ISS Crew Tagup (<i>Ku+S-band</i>) |
| 14:10-14:15 | CDR | MPC Power Up |
| 14:10-15:40 | FE-1, FE-4, FE-5, FE-6 | Pre-sleep |
| 14:15-15:35 | CDR | Pre-sleep |
| 15:35-15:40 | CDR | MPC Power Down |
| 15:40-00:10 | . | SLEEP |
| Task List | FE-1 | PLANTS-2. Payload Status Check |

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: dinner, daily food prep, evening toilet
- End of Radiogram