

Radiogram No. 7536nu

UPDATED

Form 24 for 10/25/2011

PROGRESS 410 ЗУГ(О) FUEL AND OXIDIZER REFILLING DEVICES PURGING AND VENTING

| GMT | CREW | ACTIVITY |
|-------------|-------------------|---|
| 06:00-06:05 | CDR | BCAT Nikon D2Xs Battery Changeout |
| 06:00-06:10 | FE-4 | Morning Inspection. SM ПСС [Caution & Warning Panel] Test |
| 06:00-06:10 | FE-5 | Morning Inspection |
| 06:05-06:10 | CDR | Morning Inspection |
| 06:10-06:40 | | Post-sleep |
| 06:40-07:30 | | BREAKFAST |
| 07:30-07:55 | FE-4, FE-5 | Work Prep |
| 07:30-08:05 | CDR | Work Prep |
| 07:55-08:05 | FE-5 | WRS Water Sample Analysis |
| 07:55-08:00 | FE-4 | ISS O2 Repress From Progress 410 CpПК (terminate) |
| 08:00-08:05 | FE-4 | Plasma Crystal-3 Plus. Pressure Check |
| 08:05-08:20 | | Daily Planning Conference (<i>S-band</i>) |
| 08:25-08:40 | FE-4 | БМП Φ2 Absorption Cartridge Regeneration (start) |
| 08:25-08:50 | FE-5 | CGBA5 Deactivation |
| 08:30-08:35 | CDR | Demate EDR Laptop Connector |
| 08:40-09:10 | FE-4 | COЖ Maintenance |
| 08:55-09:00 | CDR | Set up video equipment to record ARED exercise |
| 08:55-09:10 | FE-5 | Installation of EEGS markers around the Columbus Hatch |
| 09:00-10:15 | CDR | Physical Exercise (ARED) |
| 09:10-09:40 | FE-5 | SSC Server Relocate |
| 09:10-09:15 | FE-4 | Comm config prior to Plasma Crystal-3 experiment |
| 09:15-09:35 | FE-4 | PLASMA CRYSTAL-3 PLUS. Hardware Activation and Experiment Start |
| 09:35-10:25 | FE-4 | TV (ISS-MCC, Ku-band). PLASMA CRYSTAL-3 PLUS. Start and Monitor the Experiment. <i>Tagup with specialists (S-band + VHF)</i> |
| 09:40-09:50 | FE-5 | Start SSC Reload |
| 10:15-11:45 | CDR | MCA VGA Removal |
| 10:25-11:15 | FE-4 | PLASMA CRYSTAL-3 PLUS. Manual experiment ops |
| 10:30-10:55 | FE-5 | CEVIS Isolator Checkout |
| 10:55-11:05 | FE-5 | TOCA 2 Data Recording |
| 11:10-12:40 | FE-5 | Periodic Fitness Evaluation - Nom Ops (subject) |
| 11:35-11:55 | FE-4 | PLASMA CRYSTAL-3 PLUS. Experiment Termination |
| 11:45-12:15 | CDR | Periodic Fitness Evaluation - Nom Ops (assistance) |
| 11:55-12:00 | FE-4 | Comm system reconfig after Plasma Crystal-3 experiment |
| 12:00-13:15 | FE-4 | Physical Exercise (TVIS), Day 2 |
| 12:20-12:25 | CDR | BCAT6 Sample Check |
| 12:25-12:35 | CDR | BCAT6 Camera Check |
| 12:35-13:35 | CDR | LUNCH |
| 12:40-13:40 | FE-5 | LUNCH |

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| 13:15-14:15 | FE-4 | LUNCH |
| 13:35-13:45 | CDR | PAO Hardware Setup |
| 13:45-13:55 | CDR | Crew Prep for PAO |
| 13:50-13:55 | FE-5 | EDR-ERB2- Power On |
| 13:55-14:15 | CDR | PAO Event |
| 13:55-14:05 | FE-5 | MEC Data Transfer |
| 14:05-14:15 | FE-5 | Reload SSC.Part 2 |
| 14:15-14:45 | FE-4 | PLASMA CRYSTAL-3 PLUS. Copying Data from the Hard Drive. |
| 14:15-17:15 | CDR | MCA VGA R&R |
| 14:15-14:25 | FE-5 | PBA Relocation |
| 14:25-14:40 | FE-5 | Battery Stowage Assembly (BSA) Battery Recharge Terminate |
| 14:40-15:10 | FE-5 | Airlock Configuration Verification |
| 14:45-16:00 | FE-4 | Study of veins in lower extremities |
| 15:10-15:15 | FE-5 | ISSAC Lab Window Shutter Open |
| 15:15-15:35 | FE-5 | HRF Urine Collection Hardware Setup |
| 15:35-15:40 | FE-5 | SSC Reload. Part 3 |
| 15:50-15:55 | FE-5 | Photo/TV Camcorder Setup Verification |
| 15:55-17:20 | FE-5 | Physical Exercise (ARED) |
| 16:00-17:00 | FE-4 | Loading Disposal Hardware to Progress 410 and IMS Updates |
| 17:00-17:15 | FE-4 | Private Medical Conference (<i>Ku + S-band</i>) |
| 17:15-17:20 | FE-4 | Photo/TV Camcorder Setup Verification |
| 17:15-18:30 | CDR | Physical Exercise T2 |
| 17:20-18:35 | FE-4 | Physical Exercise (ARED) |
| 17:30-18:15 | FE-5 | LAB Integrated Station LAN (ISL) Router Power Reconfiguration |
| 18:15-18:45 | FE-5 | Evening Work Prep |
| 18:35-18:40 | FE-4 | PLASMA CRYSTAL-3 PLUS. Pressure check. Report to MCC |
| 18:30-18:35 | CDR | Stow Video Equipment Used for ARED Exercise Video |
| 18:35-18:45 | CDR | Evening Work Prep |
| 18:40-18:45 | FE-4 | Evening Work Prep |
| 18:45-19:00 | | Daily Planning Conference (<i>S-band</i>) |
| 19:00-19:10 | FE-5 | USOS Window Shutter Close |
| 19:00-19:15 | FE-4 | Evening Work Prep |
| 19:00-19:10 | CDR | PAO Hardware Setup |
| 19:10-19:40 | CDR | Pre-sleep |
| 19:10-20:00 | FE-5 | Pre-sleep |
| 19:15-21:15 | FE-4 | Pre-sleep |
| 19:40-20:00 | CDR | Crew Discretionary Conference |
| 20:00-20:05 | CDR | Start Video |
| 20:00-20:10 | FE-5 | Diagnostic Kit Oxygen Level Measurement |
| 20:05-21:20 | CDR | Pre-sleep |
| 20:10-20:25 | FE-5 | Diagnostic Kit Brainwave Measurement Start |
| 20:25-21:30 | FE-5 | Pre-sleep |

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| 21:15-21:30 | FE-4 | БМП Ф2 Absorption Cartridge Regeneration (termination) |
| 21:20-21:25 | CDR | BCAT Nikon D2Xs Battery Changeout |
| 21:25-21:30 | CDR | Terminate Video |
| 21:30-06:00 | | SLEEP |
| Task List | FE-4 | ECON. Observations and Photography |
| | | PLANTS-2. Watering |
| | | IMS Update |
| | | Preparation of reports for Roskosmos site / r/g |

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
 4. **Between 09:10 and 09:40, no Opslan, CSL, E-mail, IP-phone, IPV access due to SSC server relocation**
 5. **Between 17:25 and 18:10, no OCA access**
 6. **Between 18:00 and 18:30, data transmission interruptions are possible in S-, Ku-bands**
- End of Radiogram