Form 24 for 07/06/2011

Radiogram 6668u Progress 411 Unloading. Science Experiments

| GMT | CREW | ACTIVITY |
|-------------|---|--|
| 06:00-06:10 | CDR , FE-3, FE-4 , FE-5, FE-6 | Morning Inspection |
| | FE-1 | Morning Inspection. Test SM ΠCC [Caution & Warning Panel] |
| 06:10-06:40 | FE-3, FE-4 , FE-5, FE-6 | Post-sleep |
| 06:10-06:30 | FE-1 | |
| 06:10-06:20 | CDR | SPRUT-2. Setup. Tagup with specialists (S-band) |
| 06:20-06:30 | | SPRUT-2. Body Mass Measurement Tagup with specialists (S-band) |
| 06:30-06:40 | FE-1 | SPRUT-2. Body Mass Measurement Tagup with specialists (S-band) |
| 06:30-06:55 | CDR | SPRUT-2. Experiment setup. Tagup with specialists (S-band) |
| 06:40-07:30 | FE-3, FE-4 , FE-5, FE-6 | BREAKFAST |
| 06:40-06:50 | FE-1 | SPRUT-2. Closeout Ops. Tagup with specialists (S-band) |
| 06:50-07:10 | L-1 | Post-sleep |
| 06:55-07:15 | CDR | SPRUT-2. Take Measurements. Tagup with specialists (S-band) |
| 07:10-07:30 | FE-1 | SPRUT-2. Measurement Ops |
| 07:15-07:30 | CDR | Post-sleep |
| 07:30-07:55 | | Daily Planning Conference (S-band) |
| 07:55-08:15 | FE-4 , FE-5, FE-6 | Work Prep |
| 07:55-08:10 | CDR | Post-sleep |
| 07:55-08:10 | FE-1 | SPRUT-2. Closeout Ops. Tagup with specialists (S-band) |
| 08:00-08:10 | FE-3 | Pregather tools and materials to support the MCA Drawer Install |
| 08:10-09:55 | FE-3 | Reconnect the MCA Drawer utilities. |
| 08:10-09:00 | CDR | BREAKFAST |
| 08:10-08:50 | FE-1 | BICANI AST |
| 08:15-08:50 | FE-6 | Install Actiwatch |
| 08:30-08:50 | FE-4 | IZGIB-DAKON Preparation and Hardware Activation / r/g 6688 |
| 08:45-09:00 | FE-5 | ISS Crew/SSIPC Flight Director Conference |
| 08:50-00:00 | FE-1 | Work Prep |
| 08:50-09:00 | FE-4 | PAO Hardware Setup |
| 08:50-10:20 | FE-6 | Physical Exercise (ARED) |
| 09:00-12:00 | FE-5 | Hardware Prepack for Return on ULF7 |
| 09:00-09:10 | CDP EE-1 | Crew Prep For PAO |
| 09:10-09:30 | CDR, FE-1, FE-4 | Telebridge with Participants of Space Research School: Theory and Practice (<i>Ku+S-band</i>) |
| 09:30-09:40 | FE-4 | IZGIB-DAKON Sensor Rotation and Photography / r/g 6688 |
| 09:30-11:20 | FE-1 | Progress 411 Transfers and IMS updates |
| 09:30-11:50 | CDR | TYPOLOGY Experiment Ops (CDR). Tagup with specialists (S-band) |
| 09:55-10:20 | FE-3 | Lab MCA Activation Support |
| 10:00-10:20 | FE-4 | TYPOLOGY Experiment Assistance |
| 10:20-12:20 | FE-6 | EVA Tool Config |

| 10:20-11:50 | FE-3 | Physical Exercise (ARED) |
|-------------|---------------------|--|
| 10:20-10:30 | FE-4 | IZGIB-DAKON Sensor Rotation and DAKON Activation |
| 10:30-11:00 | | ИПК-1M Personal Protection Gear (3 ea.) Remove and Replace in FGB |
| 11:00-11:10 | | IZGIB-DAKON Sensor Rotation and Photography |
| 11:20-12:20 | FE-1 | RADIO LINK DATA TRANSMISSION (РСПИ). Uragan Data Downlink Preparation. <i>Tagup with specialists (S-band) / r/g 6691</i> |
| 11:40-11:50 | FE-4 | IZGIB-DAKON Sensor Rotation and Photography |
| 11:50-13:20 | CDR | Physical Exercise (ARED) |
| 11:50-12:50 | FE-3 | Physical Exercise (CEVIS) |
| 11:50-13:10 | FE-4 | Physical Exercise (T2) Day 3 |
| 12:00-12:20 | FE-5 | Remove EXPRESS Rack 1 Locker |
| 12:20-12:30 | FE-6 | EMU PWR Degassing |
| 12:20-13:20 | FE-1 | Physical Exercise (VELO), Day 2 |
| 12:30-12:45 | FE-6 | PMM Preparation |
| 12:20-12:30 | FE-5 | Retrieve CsPIN Samples from 1G |
| 12:30-12:40 | | Relocate CsPIN Samples |
| 12:40-12:50 | | Incubate CsPIN Samples for 2 hours. Exp Unit Attachment to CBEF IU 1G |
| 12:50-13:00 | | Insert CsPIN Samples in Micro-G |
| 13:00-14:00 | FE-3, FE-5, FE-6 | LUNCH |
| 13:10-13:20 | FE-4 | IZGIB-DAKON Sensor Rotation and Photography |
| 13:20-14:20 | CDR, FE-1, FE-4 | LUNCH |
| 14:00-14:15 | FE-5 | Private Medical Conference |
| 14:00-16:00 | FE-3, FE-6 | EVA Procedure Review |
| 14:15-14:25 | FE-5 | CSPN Camera Preparation |
| 14:20-15:00 | FE-1 | Filling EDV [KOB] for Elektron from CWC 1079 or 1072 |
| 14:20-14:40 | CDR | PLANTS-2. Hardware Test. Tagup with specialists (S-band) |
| 14:20-14:30 | FE-4 | IZGIB-DAKON Sensor Rotation and Photography |
| 14:25-14:35 | FE-5 | CSPN MELFI Acetic Acid Ethanol (AAE) KFT Insert |
| 14:30-17:20 | FE-4 | SM ventilation subsystem preventive maintenance (Group B). Fan Screen Photos Before Cleaning |
| 14:35-14:40 | FE-5 | CSPN-KFT Acetic Acid Ethanol Leak Check. |
| 14:40-16:10 | CDR | Progress 411 Transfers and IMS Updates |
| 14:40-14:50 | EE-5 | Retrieve CsPIN Samples from Micro-G |
| 14:50-15:00 | FE-5 | Retrieve CsPIN Samples from 1G |
| 15:00-15:40 | FE-1 | СОЖ Maintenance |
| 15:00-15:40 | FE-5 | CsPINs 2 Samples Fixation |
| 15:40-15:50 | -E-5 | CSPN MELFI Acetic Acid Ethanol (AAE) KFT Insert |
| 15:40-17:10 | FE-1 | Physical Exercise (T2) Day 2 |
| 15:50-16:00 | FE-5 | Remove CsPINs Dummy Sample Chamber from Meas Exp Unit B |
| 16:00-16:30 | FE-3, FE-6 | EVA Task Conference |
| 16:00-16:20 | FE-5 | CSPN Photo Downlink |
| 16:20-17:20 | | Physical Exercise (CEVIS) |
| 16:30-17:20 | FE-6 | Hardware Prepack for Return on ULF7 |

| 16:30-16:40 | | RFTA Access |
|-------------|---|--|
| 16:40-17:00 | FE-3 | RFTA Reconfiguration For Urine Processing |
| 16:40-17:10 | CDR | INTERACTION CDR Experiment Ops |
| 17:00-17:10 | FE-3 | RFTA Cleanup Ops |
| 17:10-18:10 | CDR | Physical Exercise (T2) Day 2 |
| 17:10-17:40 | FE-1 | INTERACTION Experiment Ops by FE-1 |
| 17:10-17:35 | FE-3 | Environmental Health System (EHS) CSA-CP Calibration |
| 17:20-17:30 | FE-6 | Equipment Pre-pack Conference for ULF7 |
| 17:20-18:50 | FE-5 | Physical Exercise (ARED) |
| 17:20-17:30 | | IZGIB-DAKON Sensor Rotation and Photography |
| 17:30-18:30 | FE-4 | Physical Exercise (VELO), Day 3 |
| 17:30-17:45 | FE-6 | Private Medical Conference |
| 17:35-17:50 | FE-3 | VHF test using US ground sites |
| 17:40-18:00 | FE-1 | IMS Update |
| 17:45-18:45 | FE-6 | Physical Exercise (CEVIS) |
| 17:50-18:05 | FE-3 | Private Medical Conference |
| 18:00-18:50 | FE-1 | Evening Work Prep |
| 18:05-18:15 | FE-3 | EMU LIB battery Charge (end) |
| 18:10-18:25 | CDR | BAR Pyren Charging Start |
| 18:15-18:35 | FE-3 | Start LLB Battery Charge |
| 18:25-18:50 | CDR | Evening Work Prep |
| 18:30-19:00 | FE-4 | IZGIB -DAKON. Closeout Ops |
| 18:35-18:50 | FE-3 | Evening Work Prep |
| 18:50-19:15 | CDR, FE-1 , FE-3, FE-5, FE-6 | Daily Planning Conference (S-band) |
| 19:00-19:15 | FE-4 | Daily Planning Conference (S-band) |
| 19:15-19:30 | FE-4 , FE-5, FE-6 | Tagup w/specialists regarding Shuttle R-Bar Pitch Maneuver photo/video |
| 19:15-19:30 | CDR, FE-1, FE-3 | Evening Work Prep |
| 19:30-19:35 | FE-3 | MPC Power Up |
| 19:30-21:20 | FE-1 | |
| 19:30-21:30 | CDR, FE-4 , FE-5, FE-6 | Pre-sleep |
| 19:35-21:25 | FE-3 | |
| 21:20-21:30 | FE-1 | SONOCARD Experiment Start |
| 21:25-21:30 | FE-3 | MPC Power Down |
| 21:30-06:00 | | SLEEP |
| Task List | CDR,FE-1,FE- | Preparation of reports for Roskosmos site |

Notes:

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