

Radiogram No. 0920u

Form 24 for 08/14/09

Laptop-3 Firmware Upgrade to Version 08.03

| GMT | CREW | ACTIVITY |
|-------------|------------------------------|---|
| 06:00-06:10 | CDR, FE-3 | Morning Inspection |
| 06:00-06:05 | FE-2 | SLEEP Data Log for FE2 |
| 06:00-06:05 | FE-1 | SLEEP Data Log for FE1 |
| 06:00-06:05 | FE-4 | SLEEP Data Log for FE4 |
| 06:00-06:05 | FE-5 | SLEEP Data Log for FE5 |
| 06:05-06:10 | FE-2, FE-4 | Morning Inspection |
| 06:05-06:15 | FE-5 | Hematocrit. Hematocrit Test |
| 06:05-06:15 | FE-1 | Post-sleep |
| 06:10-06:25 | FE-3 | |
| 06:10-06:40 | CDR, FE-2, FE-4 | |
| 06:15-06:25 | FE-5 | Morning Inspection |
| 06:15-06:25 | FE-1 | Hematocrit. Hematocrit Test |
| 06:25-06:50 | FE-5 | Post-sleep |
| 06:25-06:35 | FE-3 | Hematocrit. Hematocrit Test |
| 06:25-06:40 | FE-1 | Post-sleep |
| 06:35-06:40 | FE-3 | Hematocrit. Hematocrit Test. Hardware Stowage |
| 06:40-06:50 | FE-3 | Post-sleep |
| 06:40-07:30 | CDR, FE-1, FE-2, FE-4 | BREAKFAST |
| 06:50-07:30 | FE-3, FE-5 | |
| 07:30-07:55 | | Daily Planning Conference (<i>S-band</i>) |
| 07:55-08:10 | | ISS Crew and FOY (RSA Flight Control Team Management) Weekly Conference (<i>S-band</i>) |
| 08:10-08:25 | FE-2 | Work Prep |
| 08:10-08:20 | FE-3 | BREAKFAST |
| 08:10-08:50 | CDR | Candle Installation/Replacement in TFK1 and TFK2; and Activation of Two TFK (SFOG) |
| 08:10-08:20 | FE-1 | Work Prep |
| 08:10-08:25 | FE-5 | BREAKFAST |
| 08:10-08:30 | FE-4 | Work Prep |
| 08:20-08:30 | FE-3 | BAR. Terminate Kelvin-Video Battery Charge |
| 08:25-09:55 | FE-2 | Physical Exercise (ARED) |
| 08:25-08:35 | FE-1 | Photo/Video Activation before HTV Training |
| 08:25-08:45 | FE-5 | Work Prep |
| 08:30-09:00 | FE-4 | HTV H1 Prep |
| 08:30-08:40 | FE-3 | RUSALKA. Battery Charge (terminate) |
| 08:35-09:05 | FE-1 | Setup for Robotics OBT |
| 08:40-09:00 | FE-3 | Work Prep |
| 08:50-09:10 | CDR | |
| 09:00-11:00 | FE-3 | Changeout of Replaceable Condensate Removal Lines [CMOK] |

| | | |
|-------------|------------------------------------|--|
| 09:05-09:20 | FE-1, FE-4, FE-5 | Calling MCC-H for OBT Prebrief at 300m Hold Simulation |
| 09:10-11:40 | CDR | PILOT-M. CDR Runs the Experiment Using Neurolab |
| 09:20-11:45 | FE-1, FE-4, FE-5 | HTV OBT |
| 09:55-10:55 | FE-2 | Physical Exercise (CEVIS) |
| 10:55-12:50 | FE-2 | Reconfig LAB1S4 Rack |
| 11:00-11:05 | FE-3 | SFOG (TFK) Fan Deactivation |
| 11:05-12:05 | FE-3 | Physical Exercise (ARED) |
| 11:40-12:00 | CDR | PILOT-M Experiment. <i>Tagup with specialists (S-band)</i> |
| 11:45-12:05 | FE-1, FE-4, FE-5 | HTV OBT Debrief (<i>Ku + S-band</i>) |
| 12:00-13:00 | CDR | Physical Exercise (TVIS), day 1 |
| 12:05-12:35 | FE-1 | Teardown ROBOT after Training Session |
| 12:05-13:35 | FE-4 | Physical Exercise (ARED) |
| 12:05-12:40 | FE-3 | RUSALKA. Preparation of Hardware for Observation and Photography |
| 12:20-12:35 | FE-5 | Food Frequency Questionnaire |
| 12:35-13:35 | FE-1 | Physical Exercise (CEVIS) |
| 12:40-12:45 | FE-3 | RUSALKA. Hardware Activation / r/g 940 |
| 12:45-13:15 | FE-3 | COX Maintenance |
| 12:55-13:15 | FE-2 | LOCAD Hardware Setup |
| 13:00-13:30 | CDR | Hygiene Procedures |
| 13:00-13:35 | FE-5 | Scheduled Maintenance of Compound Specific Analyzer- Combustion Products (CSA-CP) |
| 13:15-13:35 | FE-2 | LOCAD Portable Test System Media Preparation |
| 13:15-13:35 | FE-3 | RUSALKA. Close-out Ops, Data Copy |
| 13:35-14:35 | | LUNCH |
| 14:35-14:50 | CDR, FE-1, FE-2, FE-3, FE-4 | ISS Crew Conference with Tall Ships Atlantic Challenge 2009 International Regatta Participants (<i>S-band</i>) |
| 14:40-14:55 | FE-5 | CIR Video Setup |
| 14:50-15:00 | FE-2 | LOCAD Swab Ops With Video |
| 14:50-15:05 | FE-3 | RUSALKA. Terminate Data Copy and Downlink via OCA / r/g 940 |
| 14:50-15:00 | FE-1 | Glove Box (MSG) Activation |
| 14:50-15:15 | CDR | TFK Candle Replacement and Activation of One TFK (SFOG) |
| 14:55-15:10 | FE-5 | FCF Rack Doors Open |
| 15:00-15:40 | FE-1 | InSPACE2 Experiment Run 55 |
| 15:00-15:05 | FE-4 | Photo/Video Deactivation after HTV OBT |
| 15:05-15:15 | FE-4 | PAO Hardware Setup |
| 15:05-15:15 | FE-3 | RUSALKA. Hardware Removal from Window #9 |
| 15:10-15:30 | FE-5 | CIR Front End Cap Open |
| 15:15-15:25 | FE-4 | Crew Prep for PAO |
| 15:15-15:20 | FE-2 | LOCAD Portable Test System (PTS) Data Recording Operations Phase 1 |
| 15:15-17:15 | FE-3 | Changeout of Replaceable Condensate Removal Lines [CMOK] |
| 15:15-15:45 | CDR | Laptop1 removal and Laptop3 Installation for New Software Upgrade / r/g 938 |
| 15:20-15:30 | FE-2 | LOCAD Swab Ops With Video |

| | | |
|-------------|-------------|--|
| 15:25-15:45 | FE-4 | PAO Event (<i>Ku+S-band</i>) |
| 15:30-15:40 | FE-5 | MDCA Activity |
| 15:40-15:45 | FE-1 | SOLO. Diet Monitoring |
| 15:40-16:05 | FE-5 | CIR Front End Cap Close |
| 15:45-15:50 | FE-4 | PAO Hardware Deactivation |
| 15:45-15:50 | FE-2 | LOCAD Portable Test System (PTS) Data Recording Operations Phase 1 |
| 15:45-17:15 | CDR | Laptop 3 Upgrade to Software Version 8.03 |
| 15:50-16:00 | FE-2 | LOCAD Swab Ops With Video |
| 15:50-16:00 | FE-4 | Replacement of A31 Laptop DVD-ROM |
| 15:55-17:25 | FE-1 | Physical Exercise (ARED) |
| 16:00-16:15 | FE-4 | Food Frequency Questionnaire |
| 16:05-16:20 | FE-5 | FCF Rack Doors Open |
| 16:15-16:20 | FE-2 | LOCAD Portable Test System (PTS) Data Recording Operations Phase 1 |
| 16:15-16:30 | FE-4 | PWD Cleaning |
| 16:20-16:30 | FE-2 | LOCAD Swab Ops With Video |
| 16:20-17:20 | FE-5 | Physical Exercise (CEVIS) |
| 16:30-17:30 | FE-4 | Water Recovery System Recycle Filter Tank Assembly (RFTA) R&R |
| 16:45-16:50 | FE-2 | LOCAD Portable Test System (PTS) Data Recording Operations Phase 1 |
| 16:50-17:05 | FE-2 | LOCAD Portable Test System (PTS) Experiment Phase 1 Stow |
| 17:15-17:30 | FE-2 | 3D Space Setup |
| 17:15-18:15 | FE-3 | Physical Exercise (TVIS), day 4 |
| 17:15-17:45 | CDR | Laptop3 removal and Laptop1 Installation at Designated Locations |
| 17:20-18:50 | FE-5 | Physical Exercise (ARED) |
| 17:25-17:35 | FE-1 | MELFI Icepac Insert 10 |
| 17:30-18:00 | FE-2 | 3D SPACE Experiment |
| 17:30-17:40 | FE-4 | |
| 17:40-18:40 | FE-4 | Physical Exercise (CEVIS) |
| 17:45-17:50 | CDR | SFOG (TFK) Fan Deactivation |
| 17:50-18:50 | CDR | Physical Exercise (VELO), day 1 |
| 18:00-18:15 | FE-2 | 3D Space Stowage |
| 18:05-18:10 | FE-1 | SOLO. Daily Diet Monitoring |
| 18:10-18:20 | FE-1 | InSPACE2 Video Cassette Changeout |
| 18:15-18:45 | FE-3 | Hygiene Procedures |
| 18:15-18:50 | FE-2 | JEM PL. MS-IPU-Exchange |
| 18:20-18:30 | FE-1 | InSPACE2 Vial Exchange |
| 18:30-18:35 | FE-1 | Glove Box (MSG) Powerdown |
| 18:35-18:50 | FE-1 | Evening Work Prep |
| 18:40-18:45 | FE-4 | |
| 18:45-18:50 | FE-4 | Transfer TVIS, CEVIS, and HRM data to MEC |
| 18:45-18:50 | FE-3 | Evening Work Prep |
| 18:50-19:15 | | Daily Planning Conference (<i>S-band</i>) |
| 19:15-19:35 | | Flight Director / ISS Crew Tagup (<i>Ku + S-band</i>) |

| | | |
|------------------|------------------------|--|
| 19:35-19:40 | FE-5 | Photo/TV Dynamic Corridor Test. HD Video Recording |
| 19:35-20:15 | FE-2 | Pre-sleep |
| 19:35-19:40 | FE-4 | Video Recorder Activation |
| 19:35-21:30 | CDR, FE-1, FE-3 | Pre-sleep |
| 19:40-21:25 | FE-4, FE-5 | |
| 20:15-20:30 | FE-2 | Private Family Conference (<i>Ku + S-band</i>) |
| 20:30-21:30 | FE-2 | Pre-sleep |
| 21:25-21:30 | FE-4 | Video Recorder Powerdown |
| 21:25-21:30 | FE-5 | JPM PROX Activation |
| 21:30-06:00 | | SLEEP |
| Task List | CDR, FE-3 | URAGAN. Observations and Photography |

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
4. During **PILOT, RUSALKA** activities, **Lp1 removal and Lp3 installation** - tagup with specialists (*S-band*)

End of Radiogram