

Radiogram No. 0743u

Form 24 for 07/17/09

| GMT | CREW | ACTIVITY |
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| 10:30-10:40 | FE-1, FE-3, FE-5, CDR | Morning Inspection |
| 10:30-10:35 | FE-4, FE-2 | BISP Pill Ingestion |
| 10:35-10:40 | FE-4, FE-2 | Morning Inspection |
| 10:40-11:10 | CDR, FE-1, | Post-sleep |
| 11:10-12:00 | FE-2, FE-3, | BREAKFAST |
| 12:00-12:15 | FE-5, FE-4 | Daily Planning Conference (<i>S-band</i>) |
| 12:15-12:30 | FE-3 | SONOCARD Copy Data to RSE-MED Laptop and Downlink Data via OCA |
| 12:15-12:35 | FE-5, CDR, FE-4 | Work Prep |
| 12:15-12:25 | FE-2 | JPM and LAB Window Shutter Closure |
| 12:15-12:30 | FE-1 | Work Prep |
| 12:25-12:35 | FE-2 | |
| 12:30-13:30 | FE-1 | Physical Exercise (TVIS) |
| 12:30-12:40 | FE-3 | Prep for Work |
| 12:35-14:35 | FE-5 | GLACIER Procedure and Video Review for Refrigerator Component R&R |
| 12:35-13:35 | FE-2 | Physical Exercise (RED) |
| 12:35-13:35 | FE-4 | WRS RFTA Filling Reconfiguration for Nominal Ops |
| 12:35-13:35 | CDR | Physical Exercise (VELO) Day 4 |
| 12:40-13:40 | FE-3 | MATRYOSHKA-R.BUBBLE-Dosimeter Retrieval and Readout |
| 13:30-15:00 | FE-1 | Physical Exercise (RED) |
| 13:35-14:35 | FE-2 | Physical Exercise (VELO) |
| 13:35-13:40 | FE-4 | SM HAM Radio Deactivation |
| 13:35-14:15 | CDR | EDV (KOV) Servicing for Electron from CWC 1065, 1074 |
| 13:40-14:40 | FE-4 | Test Laptop Connection to FSL RIC and MVIS |
| 13:40-14:40 | FE-3 | Search for Containers, Panels, and Repair Kit on the ISS RS |
| 14:15-14:55 | CDR | COX Maintenance / <i>r/g 8916 step 1</i> |
| 14:40-15:40 | FE-3 | Physical Exercise (RED) |
| 14:40-15:40 | FE-5 | Physical Exercise (CEVIS) |
| 15:00-15:30 | FE-1, CDR | Photo/TV Hardware Setup Verification |
| 15:20-15:30 | FE-2 | Power up PCS in Airlock and Cupola |
| 15:35-15:40 | CDR | Configure Comm Before Docking with STS-127 (2J/A) |
| 15:40-16:40 | FE-1, FE-3, FE-5, CDR, FE-4, FE-2 | LUNCH |
| 16:40-17:50 | FE-2-20, MS3 | Rendezvous T/L |
| 16:40-16:45 | CDR, FE-1 | RPM Documentation Preparation |
| 16:40-17:20 | FE-3 | Fill SM Rodnik Water Tank 5B2 with Disinfectant |
| 16:40-16:45 | FE-2 | Install Camera Timer for Orbiter Approach |
| 16:45-17:00 | CDR, FE-1 | Filming Shuttle RPM Maneuver |
| 16:45-16:50 | FE-2 | Activate Camera Timer for Orbiter Approach |

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| 16:45-16:55 | FE-4 | EHS GC/DMS Ops Start |
| 16:50-17:10 | FE-2 | P/TV Docking Video |
| 17:00-17:10 | FE-1 | Preparing Orbiter Approach Images for Downlink |
| 17:05-17:10 | FE-5 | HAM Radio Setup |
| 17:10-17:20 | | HAM Radio Session |
| 17:10-17:20 | FE-1 | Deactivate RPM Crew Camera |
| 17:20-18:20 | | EVA D2X Camera Configuration |
| 17:20-17:50 | FE-3 | Counter Measure System (CMS) Harmful Contaminant Measurements in SM |
| 17:30-17:50 | CDR | ACS PMA2 Arrival (Thruster configuration) |
| 17:35-17:55 | FE-5 | |
| 17:50-18:50 | FE-3 | Search for Containers, Panels, and Repair Kit on the ISS RS |
| 17:55-18:05 | FE-2 | PAO Hardware Setup |
| 17:55-18:55 | CDR | Physical Exercise (TVIS) Day 4 |
| 18:00-18:10 | FE-4 | Grab Sample Container (GSC) Ops |
| 18:10-18:40 | FE-2, FE-5 | Post-Docking Hatch Leak Check |
| 18:10-19:40 | FE-4 | Physical Exercise (RED) |
| 19:00-19:45 | CDR, FE-1, FE-2 | STS/ISS Hatch Opening |
| 19:00-19:05 | FE-5 | Intercom Reconfig for Mated Vehicles |
| 19:30-19:45 | FE-3 | Air Sampling in Orbiter with AK-1M Sampler |
| 19:45-19:50 | | Welcome Ceremony |
| 19:50-20:20 | | Safety Briefing |
| 20:20-20:50 | FE-1, MS3 | Transfer EVA Equipment to ISS |
| 20:20-21:20 | FE-4 | Physical Exercise (TVIS) |
| 20:20-21:50 | FE-5 | Physical Exercise (RED) |
| 20:20-21:50 | CDR | IELK Replacement in Soyuz, Seat Liner Reinstallation |
| 20:20-20:50 | FE-2-20 | Transfer from the Shuttle and dismantle E20 FE2 IELK |
| 20:50-20:55 | FE-1 | EMU REBA Installation |
| 20:50-20:55 | FE-2 | SSCR Router Activation |
| 20:55-21:25 | FE-1 | REBA Powered Equipment Test |
| 20:55-21:00 | FE-2 | VDS Installation |
| 21:15-21:45 | FE-2 | Assembly and transfer of IELK for FE2 to the Shuttle |
| 21:25-22:15 | FE-1, FE-2-20 | EVA Tool Config |
| 21:40-22:40 | FE-3 | Physical Exercise (TVIS) Day 4 |
| 21:45-22:40 | FE-2 | Configure for Shuttle Supply O2 to ISS PBA Ports |
| 21:50-22:20 | FE-5 | MELFI PCS Laptop Installation |
| 21:55-22:00 | FE-4 | Terminate EHS GC/DMS Ops |
| 22:15-22:50 | FE-2-20 | Equipment Lock Preparation |
| 22:15-23:00 | FE-1 | |
| 22:40-23:10 | FE-3 | Hygiene Procedures |
| 22:45-23:00 | FE-2, MS3 | Cargo Transfers Tagup (<i>S-band</i>) |
| 22:50-23:20 | CDR, FE-2-20 | Sokol Space Suit Leak Check |

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| 22:55-23:00 | FE-4 | Post-PAO Hardware Deactivation |
| 23:00-00:00 | FE-1, FE-5, FE-4, FE-2, MS3 | EVA Procedure Review |
| 23:10-23:25 | FE-3 | Verify ИП-1 Flow Meter Configuration |
| 23:20-00:00 | CDR, FE-2-20 | EVA Procedure Review |
| 23:25-23:35 | FE-3 | BAR. Start Charging Kelvin Device |
| 23:35-00:00 | | Evening Work Prep |
| 00:00-00:15 | | Daily Planning Conference (<i>S-band</i>) |
| 00:15-00:35 | FE-1, FE-3, CDR, FE-2 | Prep for Work |
| 00:15-00:30 | FE-4 | |
| 00:15-00:20 | FE-5 | Transfer TVIS/RED/CEVIS/HRM data to MEC. |
| 00:15-00:30 | FE-2-20 | Private Medical Conference (<i>S + Ku-band</i>) |
| 00:20-00:35 | FE-5 | Prep for Work |
| 00:30-01:30 | FE-2-20 | Pre-Sleep |
| 00:30-00:35 | FE-4 | SM HAM Radio Deactivation |
| 00:35-02:35 | CDR, FE-1, FE-2, FE-3, FE-4, FE-5 | Presleep (dinner, daily food prep, evening toilet) |
| 01:30-02:35 | FE-2-20 | Start pre-breathe |
| 02:35-03:05 | | Pre-sleep |
| 02:35-11:05 | CDR, FE-1, FE-2, FE-3, FE-4, FE-5 | SLEEP |
| 03:05-11:05 | FE-2, FE-2-20 | |

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

End of Radiogram