

Radiogram No. 608u

Form 24 for 06/30/09

PROGRESS 402 UNDOCKING FROM DC1 (18:27)

| GMT | CREW | ACTIVITY |
|-------------|---------------------|--|
| 06:00-06:10 | CDR, FE-2 | Morning Inspection |
| 06:00-06:05 | FE-5 | SLEEP Data Log For FE5 |
| 06:00-06:10 | FE-3 | SONOCARD Experiment Termination |
| 06:00-06:05 | FE-4 | SLEEP Data Log For FE4 |
| 06:00-06:05 | FE-1 | SLEEP Data Log For FE1 |
| 06:05-06:10 | FE-4, FE-5 | Morning Inspection |
| 06:05-06:20 | FE-1 | Post-sleep |
| 06:10-06:20 | CDR | MO-8 Configuration Set up |
| 06:10-06:20 | FE-2 | Calf Volume Measurement |
| 06:10-06:40 | FE-3, FE-4, FE-5 | Post-Sleep |
| 06:20-06:35 | FE-1 | Body Mass Measurement |
| 06:20-06:35 | FE-2 | Post-sleep |
| 06:20-06:30 | CDR | Calf Volume Measurement |
| 06:30-06:50 | CDR | Post-Sleep |
| 06:35-06:45 | FE-1 | Calf Volume Measurement |
| 06:35-06:50 | FE-2 | Body Mass Measurement |
| 06:40-07:30 | FE-3,FE-4, FE-5 | BREAKFAST |
| 06:45-07:40 | FE-1 | |
| 06:50-07:05 | CDR | Body Mass Measurement |
| 06:50-07:40 | FE-2 | BREAKFAST |
| 07:05-07:15 | CDR | MO-8. Close-out ops |
| 07:15-07:40 | CDR | BREAKFAST |
| 07:30-07:35 | FE-5 | Set up Video Equipment to Film ARED Exercise |
| 07:30-07:40 | FE-3, FE-4 | Work Prep |
| 07:40-08:05 | | Daily Planning Conference (<i>S-band</i>) |
| 08:05-08:35 | FE-3 | RESPIRATION Experiment Setup. <i>Tagup with specialists (S-band)</i> |
| 08:05-08:25 | CDR | BREAKFAST |
| 08:05-08:35 | FE-5 | Work Prep |
| 08:05-08:25 | FE-4 | |
| 08:05-08:15 | FE-2 | Waste Water Bag (WWB) Replace |
| 08:15-08:25 | FE-2 | WRS Water Sample Analysis |
| 08:25-11:15 | CDR | SM Ventilation System Preventive Maintenance (BT1, BTK1, BT2, BTK2) |
| 08:25-08:35 | FE-2 | Work Prep |
| 08:25-08:40 | FE-4 | MS MWA Transfer |
| 08:35-11:05 | FE-5 | SSRMS Ops |
| 08:35-09:35 | FE-1 | AgCam Flight SW Troubleshooting |
| 08:35-09:35 | FE-2 | SSRMS Ops |
| 08:35-08:50 | FE-3 | SONOCARD Copy Data to RSE-MED Laptop and OCA Data Downlink |
| 08:40-09:30 | FE-4 | MS Preparation |

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| 09:05-10:25 | FE-3 | RESPIRATION Experiment Ops and Cleanup. <i>Tagup with specialists (S-band)</i> |
| 09:35-11:05 | FE-4 | SSRMS Ops |
| 09:35-10:05 | FE-1, FE-2 | Express Rack 4 Drawer Unstick |
| 10:15-11:30 | FE-2 | Physical Exercise (ARED) |
| 10:25-11:25 | FE-3 | RS ISS Window Inspection and Photography, Preparation |
| 10:45-11:45 | FE-1 | Physical Exercise (CEVIS) |
| 11:05-12:05 | FE-5 | Clean Bench Hardware Health Check |
| 11:15-12:15 | CDR | Physical Exercise (TVIS) Day 4 |
| 11:25-11:35 | FE-3 | RS ISS Window Inspection and Photography. <i>Tagup with specialists (S-band)</i> |
| 11:30-13:00 | FE-2 | Determine Availability of WRS Caps and Plugs Prior to Next WRS Maintenance |
| 11:35-12:35 | FE-3 | Physical Exercise (VELO) Day 3 |
| 11:45-13:15 | FE-1 | Physical Exercise (ARED) |
| 12:05-12:20 | FE-5 | Start / Stop Ventilation System |
| 12:15-12:45 | CDR | Hygiene Procedures |
| 12:15-13:15 | FE-4 | Physical Exercise (CEVIS) |
| 12:20-12:55 | FE-5 | Clean Bench Setup |
| 13:00-13:10 | FE-5 | Initiate a manual fill of the Waste and Hygiene Compartment (WHC) Flush Water Tank (EDB-CB) |
| 13:00-14:00 | CDR, FE-3 | LUNCH |
| 13:10-13:15 | FE-5 | HAM Radio Powerdown |
| 13:15-14:15 | FE-1, FE-2, FE-4, FE-5 | LUNCH |
| 14:00-15:40 | FE-3 | RS ISS Window Inspection and Photography. Report Based on Inspection and Photography of Window Inspection (VFH) |
| 14:00-15:00 | CDR | Set up MPEG-2 Encoder for Operation w/o Smart Switch Router (БПИ). <i>Tagup with specialists (S-band)</i> |
| 14:15-14:30 | FE-1 | 3D Space Set up |
| 14:15-14:30 | FE-4 | Private Medical Conference (Ku+S-band) |
| 14:15-14:25 | FE-2 | TOCA Data Transfer |
| 14:15-14:20 | FE-5 | Configure WHC for Use after Manual EDV-SV Fill |
| 14:20-14:50 | FE-5 | InSPACE2 Vial Shaking |
| 14:30-15:00 | FE-1 | 3D SPACE Experiment |
| 14:50-15:20 | FE-5 | Measure InSPACE2 Bubble Size |
| 15:00-15:20 | CDR | Pressurizing Elektron-BM Liquid Unit |
| 15:00-15:15 | FE-1 | 3D Space Stowage |
| 15:15-15:40 | FE-1 | SNFM Software Load |
| 15:20-15:35 | CDR | Private Medical Conference (Ku + S-band) |
| 15:25-15:45 | FE-2 | Battery Stowage Assembly (BSA) Battery Recharge Terminate |
| 15:30-17:00 | FE-5 | Physical Exercise (ARED) |
| 15:35-16:35 | CDR | Physical Exercise (VELO) |
| 15:40-16:40 | FE-3 | Physical Exercise (TVIS) Day 3 |
| 15:40-15:50 | FE-1 | BRASLET Post Scan Review |
| 15:45-16:20 | FE-2 | Start BSA Battery Charge |
| 15:55-16:05 | FE-1 | JPM and LAB Window Shutter Closure |

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| 16:40-17:00 | FE-3 | Hygiene Procedures |
| 16:45-17:00 | FE-1 | Water Recovery System, Filling a CWC-I from PWD Aux Port |
| 16:50-17:00 | FE-2 | PAO Hardware Setup |
| 17:00-17:10 | | Crew Prep for PAO |
| 17:10-17:30 | | PAO Event (<i>Ku + S-band</i>) |
| 17:30-17:35 | FE-2 | PAO Hardware Deactivation |
| 17:30-19:00 | FE-4 | Physical Exercise (ARED) |
| 17:30-17:40 | FE-1 | FCF Guides Removal |
| 17:30-18:00 | FE-3 | COX Maintenance |
| 17:35-18:50 | FE-2 | Physical Exercise (VELO) |
| 17:40-17:50 | FE-1 | ALTEA Dosimeter Activation |
| 17:45-18:10 | CDR | Evening Work Prep |
| 17:50-18:05 | FE-1 | Water Recovery System, Filling a CWC-I from PWD Aux Port |
| 18:05-19:00 | FE-1 | Evening Work Prep |
| 18:10-18:35 | CDR, FE-3 | Monitoring Progress 402 Undocking from DC1 |
| 18:10-19:10 | FE-5 | Physical Exercise (TVIS) |
| 18:35-19:00 | FE-3 | |
| 18:35-19:05 | CDR | Evening Work Prep |
| 18:50-19:05 | FE-2 | |
| 19:00-19:05 | FE-3 | On MCC GO Move DC-Progress PEV to CLOSED position |
| 19:00-19:05 | FE-1 | Transfer TVIS, CEVIS, and HRM data to MEC |
| 19:00-19:05 | FE-4 | Evening Work Prep |
| 19:05-19:35 | CDR, FE-1, FE-2, FE-3, FE-4 | Pre-sleep |
| 19:10-19:30 | FE-5 | Evening Work Prep |
| 19:30-19:35 | FE-5 | Stow Video Equipment Used for ARED Exercise Video |
| 19:35-20:00 | | Daily Planning Conference (<i>S-band</i>) |
| 20:00-20:10 | FE-3 | |
| 20:00-21:20 | CDR | Pre-Sleep |
| 20:00-21:30 | FE-1, FE-2, FE-4, FE-5 | |
| 20:10-20:25 | FE-3 | Private Medical Conference (<i>Ku+S-band</i>) |
| 20:25-21:30 | FE-3 | Pre-Sleep |
| 21:20-21:30 | CDR | SONOCARD Experiment Start |
| 21:30-06:00 | | SLEEP |
| Task List | FE-3 | IMS Update |

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