

Radiogram No. 4582u

Form 24 for 11/12/2010

SUITED EXERCISE

| GMT | CREW | ACTIVITY |
|-------------|-------------------------|--|
| 06:00-06:10 | CDR,FE-2,FE-3,FE-5,FE-6 | Morning Inspection |
| 06:00-06:05 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 06:05-06:10 | FE-1 | Morning Inspection |
| 06:10-06:40 | . | Post-sleep |
| 06:40-07:30 | . | BREAKFAST |
| 07:30-07:50 | . | Daily Planning Conference (<i>S-band</i>) |
| 07:50-08:05 | CDR,FE-3,FE-6 | Work Prep |
| 07:50-08:20 | FE-2,FE-5 | ПxO setup for exercise |
| 08:05-08:30 | FE-6 | JEMRMS BDS Reconfig |
| 08:05-08:15 | FE-1 | On MCC Go Fill Progress 407 CpПK Section 2 with Nitrogen |
| 08:05-08:20 | CDR | Food Frequency Questionnaire |
| 08:20-08:35 | FE-5 | Comm config for suited run |
| 08:20-08:35 | FE-2 | Air duct removal from DC1 (skip B3 fan removal) |
| 08:20-08:25 | CDR | EVA Camera Test |
| 08:25-09:25 | FE-1 | COULOMB CRYSTAL Experiment Ops |
| 08:30-08:45 | FE-6 | Food Frequency Questionnaire |
| 08:35-08:55 | FE-2,FE-5 | Spacesuit systems check out during suited dry run. <i>Tagup with specialists (S-band)</i> |
| 08:55-09:10 | FE-2,FE-5 | DC1 ECC Checkout |
| 08:55-09:25 | CDR | HMM and Attached Adaptor Cable Troubleshooting |
| 09:00-10:15 | FE-3 | CFE Hardware Setup |
| 09:10-09:40 | FE-2,FE-5 | EVA Gear Donning |
| 09:25-09:50 | FE-1 | ISS-MCC-M TV. COULOMB CRYSTAL. Cassette 1 video downlink. To=09:23, T1, T2, T3 activation from СПП / r/g 4595 |
| 09:35-09:40 | FE-6 | JEMRMS Backup Controller (BUC) Power On |
| 09:40-09:50 | FE-2,FE-5 | Comm check and biomed telemetry test. <i>Tagup with specialists (VHF+S-band)</i> |
| 09:40-11:10 | FE-6 | Physical Exercise (ARED) |
| 09:50-10:00 | FE-2,FE-5 | Orlan and ECC Initial conditions check for the run |
| 09:50-10:20 | FE-1 | COULOMB CRYSTAL Closeout Ops |
| 09:55-10:30 | CDR | WHC Manual Fill |
| 10:00-10:15 | FE-2,FE-5 | Spacesuit ingress, sealing off backpacks |
| 10:15-10:20 | FE-2,FE-5 | Spacesuit and ECC Controls Checkout |
| 10:15-10:20 | FE-3 | MPC Power Up |
| 10:20-10:25 | FE-2,FE-5 | Spacesuit and ECC Preliminary Leak Check |
| 10:20-12:20 | FE-3 | CFE Vane Gap 1 Test |
| 10:20-10:35 | FE-1 | Verify ИП-1 Flow Meter Configuration |
| 10:25-10:40 | FE-2,FE-5 | Orlan fit check at suit pressure P.CK= 0.4 |
| 10:30-11:30 | CDR | Physical Exercise T 2 |
| 10:40-12:10 | FE-2,FE-5 | Suited Translation Exercise (including translation to ПxO) |

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| 10:40-11:30 | FE-1 | CONSTANTA Setup, Photo/Video, Run 2. <i>Tagup with specialists (S-band)</i> |
| 11:10-11:50 | FE-6 | JEMRMS BDS Checkout 2 |
| 11:30-13:00 | FE-1 | Physical Exercise (TVIS), Day 2 |
| 11:30-13:00 | CDR | Physical Exercise (ARED) |
| 12:10-12:40 | FE-2,FE-5 | Orlan Egress |
| 12:20-12:25 | FE-3 | MPC Power Down |
| 12:25-12:55 | FE-3 | CFE Teardown |
| 12:30-12:35 | FE-6 | JEMRMS BUC power down |
| 12:35-13:00 | FE-6 | JEMRMS Checkout Cleanup |
| 12:40-12:50 | FE-5 | Post-Exercise Comm. Reconfig For Nominal Ops |
| 12:55-13:00 | FE-3 | Sphinx cooling check |
| 13:00-14:00 | . | LUNCH |
| 14:00-14:10 | CDR | Hair Sample Preparation |
| 14:00-16:00 | FE-2,FE-5 | Post-exercise closeout ops, air duct installation |
| 14:00-14:40 | FE-1 | Filling EDV [KOB] for Elektron-VM |
| 14:00-14:10 | FE-6 | Transfer CWC-I to the WPA Water Storage Tank |
| 14:10-14:25 | CDR,FE-6 | Hair Sample Collection |
| 14:20-14:35 | FE-3 | Food Frequency Questionnaire |
| 14:25-14:35 | CDR | HAIR - MELFI Sample Insertion |
| 14:35-14:45 | CDR | Hair Sample Closeout |
| 14:35-14:50 | FE-3 | EVA Battery Gather |
| 14:40-15:20 | FE-1 | COX Maintenance |
| 14:40-14:50 | FE-6 | Terminate CWC-I Transfer to the WPA Water Storage Tank |
| 14:45-15:15 | CDR | BIORHYTHM Data Recording |
| 14:55-15:45 | FE-6 | ICV Setup |
| 15:15-15:25 | CDR | Discharge EMU batteries using BC3 & BC4 for maintenance requirements and stowage |
| 15:20-16:20 | FE-1 | ISTOCHNIK-M R&R |
| 15:45-17:00 | FE-6 | ICV Monitoring Start |
| 15:45-16:45 | FE-3 | Physical Exercise (CEVIS) |
| 16:00-17:00 | FE-2,FE-5 | Installation Of Orlan Spacesuit Replaceable Elements For EVA Comm config |
| 16:00-16:10 | CDR | ICV Monitoring Start Assistance |
| 16:20-17:20 | FE-1 | Physical Exercise (VELO), Day 2 |
| 16:25-16:35 | CDR | ICV Monitoring Start Assistance |
| 16:40-16:55 | CDR | Post-EVA D2Xs camera reconfig |
| 16:45-18:15 | FE-3 | Physical Exercise (ARED) |
| 16:55-17:10 | CDR | Creating a pull tab on the REBA battery to enable access to the power switch when install in the Orlan EVA suit for RS EVA 26 |
| 17:10-17:55 | CDR | EVA Tool Config |
| 17:00-17:15 | FE-6 | IMS Tagup (S-band) |
| 17:15-18:15 | FE-2 | Physical Exercise (VELO), Day 2 |
| 17:15-18:15 | FE-6 | Physical Exercise (CEVIS) |
| 17:15-18:15 | FE-5 | Physical Exercise (TVIS), Day 1 |

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| 17:20-17:40 | FE-1 | IMS Update |
| 17:40-18:10 | FE-1 | INTERACTION Experiment Ops FE-1 |
| 18:10-18:15 | FE-1 | Elektron-VM Aerosol Filter Inspection |
| 18:15-18:40 | . | Daily Planning Conference (<i>S-band</i>) |
| 18:40-19:10 | . | Evening Work Prep |
| 19:10-19:30 | CDR, FE-1 , FE-2 , FE-3 , FE-5 | Pre-sleep |
| 19:10-19:25 | FE-6 | Pre-sleep |
| 19:25-19:30 | FE-6 | MPC Power Up |
| 19:30-19:50 | . | Flight Director/ISS Crew Tagup |
| 19:50-20:20 | CDR | Pre-sleep |
| 19:50-21:20 | FE-6 | Pre-sleep |
| 19:50-21:30 | FE-1 , FE-2 , FE-3 , FE-5 | Pre-sleep |
| 20:35-21:30 | CDR | Pre-sleep |
| 21:20-21:25 | FE-6 | ICV 3-Hour Makita Battery Swap Prior To Sleep |
| 21:25-21:30 | FE-6 | MPC Power Down |
| 21:30-06:00 | . | SLEEP |
| Task List | FE-1 | MRM2 pumps and fans functionality checks Report to MCC MRM2 temperature (by sensation) |

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: dinner, daily food prep, evening toilet
 - 4. Tagups with specialists during all EVA prep activities (VHF, S-band)**
- End of Radiogram