

Radiogram No. 6169u

Form 24 for 05/11/2011

MO-12. HANDOVER

| GMT | CREW | ACTIVITY |
|-------------|------------------------------------|--|
| 06:00-06:05 | CDR | Elektron-VM System Monitoring |
| 06:00-06:10 | FE-1, FE-5 | Morning Inspection |
| 06:00-06:10 | FE-2 | SONOCARD Experiment Termination |
| 06:00-06:20 | FE-3 | HRF Urine Sample Collection Subject |
| 06:05-06:10 | CDR | Morning Inspection |
| 06:10-06:40 | CDR, FE-1, FE-2, FE-5, FE-6 | Post-sleep |
| 06:20-06:30 | FE-3 | HRF Blood Sample Insertion into MELFI |
| 06:30-07:10 | FE-3 | Post-sleep |
| 06:40-07:30 | CDR, FE-1, FE-2, FE-5, FE-6 | BREAKFAST |
| 07:10-07:30 | FE-3 | BREAKFAST |
| 07:30-07:45 | FE-2 | Daily Planning Conference (<i>S-band</i>) |
| 07:30-07:55 | CDR, FE-1, FE-3, FE-5, FE-6 | Daily Planning Conference (<i>S-band</i>) |
| 07:45-08:00 | FE-2 | SONOCARD Data Copy to RSE-MED Laptop and Data Downlink Using OCA |
| 07:55-08:25 | FE-3 | BREAKFAST |
| 07:55-08:15 | FE-5, FE-6 | Work Prep |
| 07:55-08:00 | CDR, FE-1 | Work Prep |
| 08:00-09:00 | CDR, FE-1, FE-2 | Handover |
| 09:00-10:00 | CDR | Crew Departure Prep |
| 08:15-09:15 | FE-5 | ATV2 Transfers |
| 08:15-09:15 | FE-6 | Physical Exercise T2 |
| 08:25-08:45 | FE-3 | Work Prep |
| 08:45-10:55 | FE-3 | ATV2 Transfers |
| 09:00-10:15 | FE-1 | Study of veins in lower extremities |
| 09:00-09:40 | FE-2 | Network and Computer Pantry Audit |
| 09:15-09:25 | FE-6 | Total Organic Carbon Analyzer (TOCA) Buffer Container (BC) Changeout |
| 09:25-09:55 | FE-6 | MERLIN 2 Relocation from EXPRESS Rack 8 to EXPRESS Rack 6 |
| 09:40-10:00 | FE-2 | IMS Update |
| 09:55-10:05 | FE-6 | Crew reviews procedure for MERLIN 2 setup in the EXPRESS Rack |
| 10:05-11:35 | FE-6 | Physical Exercise (ARED) |
| 10:15-11:45 | FE-1 | Physical Exercise (VELO), Day 2 |
| 10:15-11:15 | FE-5 | Physical Exercise T 2 |
| 10:15-10:55 | CDR | Sampling condensate water [KAB] upstream of CPB-K2M Gas-Liquid Mixture Filter [ΦГC]- sampler removal |
| 10:15-11:30 | FE-2 | Study of veins in lower extremities |
| 10:55-11:15 | CDR | Sampling condensate water [KAB] upstream of CPB-K2M БКО (Water Purification Column Assy) - set up, install flush bag |

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| 10:55-11:15 | FE-3 | HRF Urine Sample Collection Subject |
| 11:15-11:20 | FE-3 | HRF Blood Sample Insertion into MELFI |
| 11:15-12:15 | CDR | Physical Exercise (T2) Day 1 |
| 11:20-12:20 | FE-3 | Physical Exercise (CEVIS) |
| 11:30-13:00 | FE-5 | Physical Exercise (ARED) |
| 11:35-11:45 | FE-6 | Video Setup |
| 11:45-13:00 | FE-1 | Photos (before cleaning) and cleaning of B3 fan screens in MRM2 / |
| 11:45-13:00 | FE-6 | MERLIN 2 Hardware Setup |
| 12:00-13:00 | FE-2 | Physical Exercise (VELO), Day 2 |
| 12:15-12:25 | CDR | Sampling condensate water [KAB] upstream of CPB-K2M БКО – sampler replacement |
| 12:20-12:35 | FE-3 | IMS tagup |
| 12:30-13:00 | CDR | 24-hour ECG Holter Monitoring – init |
| 12:35-12:55 | FE-3 | HRF Urine Sample Collection Subject |
| 12:55-13:00 | FE-3 | HRF Blood Sample Insertion into MELFI |
| 13:00-14:00 | . | LUNCH |
| 14:00-14:05 | FE-6 | MERLIN Status Check |
| 14:00-14:30 | FE-5 | ATV2 Transfers |
| 14:00-16:00 | FE-1, FE-2 | Video for Roskosmos TV Channel |
| 14:00-15:45 | FE-3 | ARCU Power Jumper Installation |
| 14:05-15:15 | FE-6 | TVIS – semi-annual maintenance |
| 14:10-15:10 | CDR | Measure ISS RS IMV Air Flow |
| 14:30-15:15 | FE-5 | ARCU Power Jumper Installation |
| 15:10-16:40 | CDR | Physical Exercise (T2) Day 3 |
| 15:15-16:15 | FE-5 | ATV2 Transfers |
| 15:15-15:30 | FE-6 | Private Psychological Conference |
| 15:30-16:30 | FE-6 | ICV Data Download |
| 15:45-16:00 | FE-3 | Private Psychological Conference |
| 16:00-17:30 | FE-3 | Physical Exercise (ARED) |
| 16:10-17:40 | FE-2 | Physical Exercise (T2) Day 2 |
| 16:15-18:15 | FE-5 | Crew Departure Prep |
| 16:30-16:35 | FE-6 | MERLIN Photography |
| 16:40-16:45 | FE-6 | CGBA-5 Status Check |
| 16:40-16:45 | CDR | Elektron-VM System Monitoring |
| 16:45-17:15 | FE-1 | INTERACTION Experiment Ops FE-1 |
| 16:45-17:05 | CDR | Sampling condensate upstream of CPB-K2M БКО – remove sampler, tear down setup |
| 17:00-17:15 | FE-6 | ICV Data Download |
| 17:05-17:45 | CDR | Filling EDV [KOB] for Elektron from CWC #1079 |
| 17:15-17:30 | FE-6 | Private Medical Conference |
| 17:15-18:15 | FE-1 | Physical Exercise (T2) Day 2 |
| 17:30-17:45 | FE-3 | Private Medical Conference |
| 17:45-18:15 | FE-2 | INTERACTION Experiment for FE-2 |
| 17:45-18:15 | CDR | COЖ Maintenance |

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| 17:45-18:05 | FE-3 | HRF Urine Sample Collection Subject |
| 18:05-18:10 | FE-3 | HRF Blood Sample Insertion into MELFI |
| 18:15-18:40 | . | Daily Planning Conference (<i>S-band</i>) |
| 18:40-19:00 | FE-6 | HRF Hardware Setup for Urine Collection |
| 18:40-19:30 | CDR, FE-1, FE-2 | Evening Work Prep |
| 18:40-18:50 | FE-3 | HRF Blood Collection Hardware Setup |
| 18:40-19:15 | FE-5 | Evening Work Prep |
| 18:50-19:30 | FE-3 | Evening Work Prep |
| 19:00-19:30 | FE-6 | Evening Work Prep |
| 19:15-19:25 | FE-5 | ATV Transfer Tagup |
| 19:25-19:30 | FE-5 | Evening Work Prep |
| 19:30-19:35 | FE-6 | MPC Power Up |
| 19:30-21:30 | CDR, FE-1, FE-2, FE-3, FE-5 | Pre-sleep |
| 19:35-21:25 | FE-6 | Pre-sleep |
| 21:25-21:30 | FE-6 | MPC Power Down |
| 21:30-06:00 | | SLEEP |
| Task List | CDR, FE-1, FE-2 | Preparation of reports for Roskosmos site |

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: daily food prep, dinner, pre-sleep
- End of Radiogram