

Radiogram No. 8499u

Form 24 for 02/23/2012

Replacement of СПР, СД 1-7 Lights (ПрК)

| GMT | CREW | ACTIVITY |
|-------------|----------------------------------|---|
| 06:00-06:10 | CDR, FE-2 | Morning Inspection |
| 06:00-06:10 | FE-1 | Morning Inspection SM ПСС [Caution & Warning Panel] Test |
| 06:00-06:10 | FE-6 | Urine Spot Test |
| 06:00-06:30 | FE-4 | SPRUT-2. Setup, Body Mass Measurement, and Cleanup. |
| 06:00-06:10 | FE-5 | Urine Spot Test |
| 06:10-06:40 | CDR, FE-1, FE-2 | Post-sleep |
| 06:10-06:20 | FE-5 | Morning Inspection |
| 06:10-06:30 | FE-6 | HRF Urine Sample Collection Subject |
| 06:20-06:30 | FE-5 | Post-sleep |
| 06:30-06:40 | FE-5 | HRF Sample Photography |
| 06:30-06:40 | FE-6 | HRF Urine Sample Insertion Into MELFI |
| 06:30-07:30 | FE-4 | SPRUT-2 Experiment Run |
| 06:40-07:10 | FE-6 | Post-sleep |
| 06:40-07:00 | FE-5 | Post-sleep |
| 06:40-07:00 | FE-1 | BREAKFAST |
| 06:40-07:30 | CDR, FE-2 | BREAKFAST |
| 07:00-07:20 | FE-1 | SPRUT-2. Photography of the Experiment |
| 07:00-07:50 | FE-5 | BREAKFAST |
| 07:10-07:50 | FE-6 | BREAKFAST |
| 07:20-07:50 | FE-1 | BREAKFAST |
| 07:30-07:50 | CDR, FE-2 | Work Prep |
| 07:35-07:50 | FE-4 | On MCC GO БМП Ф1 Absorption Cartridge Regeneration (start) |
| 07:50-08:15 | | Daily Planning Conference (<i>S-band</i>) |
| 08:15-08:40 | FE-5 | Work Prep |
| 08:15-09:15 | FE-2 | Changeout of SM ПФ1-4 dust filter cartridge (ФГБ1ПГО_2_224_1 bag 411-14 or 413-13). Update IMS |
| 08:15-08:35 | FE-1 | Work Prep |
| 08:15-08:45 | FE-4 | Post-sleep |
| 08:15-08:25 | CDR | CIR Alignment Guide Installation |
| 08:15-08:25 | FE-6 | BREAKFAST |
| 08:25-08:40 | FE-6 | CFE Maintenance Work Area Prep |
| 08:30-08:40 | CDR | PFA Activation |
| 08:40-08:45 | FE-6 | CFA2 and Ventilation Ducts Inspection and Cleaning. Assistance |
| 08:40-13:25 | FE-5 | CFA2 and Ventilation Ducts Inspection and Cleaning. |
| 08:40-10:10 | CDR | Physical Exercise (ARED) |
| 08:45-09:30 | FE-4 | BREAKFAST |
| 08:45-10:00 | FE-6 | CFE Hardware Setup |
| 09:00-09:15 | FE-1 | VELIKOE NACHALO (Great Start) Prep for video. <i>Tagup with specialists (S-band)</i> |
| 09:15-09:45 | FE-1, FE-2 | VELIKOE NACHALO (Great Start) Video shoot. <i>Tagup with specialists (S-band)</i> |
| 09:30-09:50 | FE-4 | Work Prep |
| 09:45-10:20 | FE-2 | COЖ Maintenance |
| 09:45-10:00 | FE-1 | VELIKOE NACHALO (Great Start) Closeout Ops. <i>Tagup with specialists (S-band)</i> |

| | | |
|-------------|------------------|---|
| 09:50-10:10 | FE-4 | Tightening QD Screw Clamps on the MRM1 side |
| 10:00-10:35 | FE-1 | TVIS Chassis Replace |
| 10:00-11:00 | FE-6 | Physical Exercise (CEVIS) |
| 10:10-10:35 | CDR | CFA2 and Ventilation Ducts Inspection and Cleaning. Assistance |
| 10:10-11:15 | FE-4 | MRM1 Fan Screen Cleaning (Group B) |
| 10:20-10:55 | FE-2 | Collect SM and FGB Air Samples Using AK-1M Sampler |
| 10:35-11:05 | FE-1 | TVIS Component Disassembly |
| 10:35-11:25 | CDR | CFA2 and Ventilation Ducts Inspection and Cleaning. Assistance |
| 10:55-11:05 | FE-2 | Sampling SM air for CO using ИПД sampler |
| 11:00-13:00 | FE-6 | CFE. VG2 Test |
| 11:05-12:25 | FE-2 | Progress 414 Transfers and IMS Ops |
| 11:05-12:25 | FE-1 | TVIS hardware activation and checkout |
| 11:25-12:25 | CDR | Physical Exercise (T2) |
| 11:55-13:25 | FE-4 | Physical Exercise (ARED) |
| 12:25-13:25 | CDR | CFA2 and Ventilation Ducts Inspection and Cleaning. Assistance |
| 12:25-13:25 | FE-2 | Physical Exercise (VELO), Day 1 |
| 12:25-13:30 | FE-1 | Physical Exercise (T2) |
| 13:00-13:20 | FE-6 | HRF Urine Sample Collection Subject |
| 13:20-13:30 | FE-6 | MELFI Urine Sample Insertion |
| 13:25-13:35 | FE-5 | COL1D1 Cargo Relocation |
| 13:25-14:25 | CDR | LUNCH |
| 13:30-14:30 | FE-1, FE-6 | LUNCH |
| 13:35-14:35 | FE-2, FE-4, FE-5 | LUNCH |
| 14:25-14:40 | CDR | IMS Tagup (S-band) |
| 14:30-14:35 | FE-1 | P/TV Playback Start |
| 14:30-14:35 | FE-6 | PROK Diet Logging (Day 2-4) |
| 14:35-16:35 | FE-1 | Urine transfer from three EDV-Us to ТКГ414 Rodnik ББ1 Tank, ТКГ414 Rodnik ББ1 Tank line flush |
| 14:35-14:55 | FE-2 | Log File Dump. From 02/14/12 through 02/15/12 and from 02/19/12 through 02/20/12 N=10. OCA Dump |
| 14:35-17:05 | FE-4 | Replacement of СПР, СД 1-7 (ПРК) lights and light panel fuses (panel 466). <i>Tagup with specialists (S-band)</i> |
| 14:35-14:40 | FE-5 | PROK Diet Logging (Day 1) |
| 14:35-15:05 | FE-6 | CFE Teardown |
| 14:40-15:10 | CDR | PFA Teardown |
| 14:40-14:50 | FE-5 | CWC Audit |
| 14:50-15:20 | FE-5 | VIABLE Payload Locker Photography |
| 14:55-15:20 | FE-2 | On-orbit Hearing Assessment using EARQ |
| 15:05-15:25 | FE-6 | HRF Urine Sample Collection Subject |
| 15:10-17:40 | CDR | AR Bacteria Filter Cleaning |
| 15:20-15:50 | FE-5 | VIABLE Bag Inspection |
| 15:20-15:35 | FE-2 | URISYS Hardware Setup |
| 15:25-15:35 | FE-6 | HRF Urine Sample Insertion Into MELFI |
| 15:35-15:55 | FE-2 | IMS Update |
| 15:45-17:15 | FE-6 | Physical Exercise (ARED) |
| 15:50-16:15 | FE-5 | Evening Work Prep |

| | | |
|------------------|-------------------------------|---|
| 15:55-16:25 | FE-2 | SEINER Ocean Observations |
| 16:15-17:15 | FE-5 | Physical Exercise (CEVIS) |
| 16:25-17:55 | FE-2 | Physical Exercise (T2) |
| 16:35-17:00 | FE-1 | On-orbit Hearing Assessment using EARQ |
| 17:00-18:25 | FE-1 | Physical Exercise (VELO), Day 1 |
| 17:05-17:25 | FE-4 | Evening Work Prep |
| 17:15-18:45 | FE-5 | Physical Exercise (ARED) |
| 17:25-18:25 | FE-4 | Physical Exercise (T2) |
| 17:35-17:55 | FE-6 | HRF Urine Sample Collection Subject |
| 17:40-17:55 | CDR | Journal Entry |
| 17:55-18:05 | CDR | USOS Window Shutter Close |
| 17:55-18:05 | FE-6 | MELFI Urine Sample Insertion |
| 17:55-18:25 | FE-2 | INTERACTION Experiment Ops |
| 18:05-18:45 | CDR | Evening Work Prep |
| 18:05-18:15 | FE-6 | HRF Blood Collection Hardware Setup |
| 18:15-18:45 | FE-6 | Evening Work Prep |
| 18:25-18:45 | FE-2, FE-4 | Evening Work Prep |
| 18:25-18:40 | FE-1 | Evening Work Prep |
| 18:40-18:45 | FE-1 | P/TV Playback End |
| 18:45-19:10 | | Daily Planning Conference (<i>S-band</i>) |
| 19:10-19:30 | FE-1, FE-2, FE-5, FE-6 | Evening Work Prep |
| 19:10-20:55 | FE-4 | Pre-sleep |
| 19:10-19:20 | CDR | Evening Work Prep |
| 19:20-19:25 | CDR | P/TV Playback Start |
| 19:25-21:00 | CDR | Pre-sleep |
| 19:30-21:10 | FE-1 | Pre-sleep |
| 19:30-21:30 | FE-2, FE-5, FE-6 | Pre-sleep |
| 20:55-21:05 | FE-4 | ГФИ-1 [Geophysical Studies]. Relaksatsiya Experiment Battery Charging |
| 21:00-21:15 | CDR | VHF Communication Check via US Ground Sites |
| 21:05-21:20 | FE-4 | БМП Ф1 Absorption Cartridge Regeneration (termination) |
| 21:10-21:20 | FE-1 | RUSALKA Battery Charging. Start |
| 21:15-21:25 | CDR | Pre-sleep |
| 21:20-21:30 | FE-1 | SONOCARD Setup Photography |
| 21:20-21:30 | FE-4 | SONOCARD Experiment Start |
| 21:25-21:30 | CDR | P/TV Playback End |
| 21:30-06:00 | | SLEEP |
| Task List | FE-1, FE-2, FE-4 | Preparation of reports for Roskosmos site |
| | | URAGAN. Observations and Photography |
| | | ECON. 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 ops: daily food prep, dinner, pre-sleep