

Radiogram No. 2148u

Form 24 for 04/25/2013

Test Comm Session Using Regul-OS Relay Communications Control System [PCYC]. A2 and A4 Power Feed Test from USOS to SM. FGB Kurs-P Test with Warmup

| TIME | CREW | ACTIVITY |
|-------------|---------------------------|------------------------------------------------------------------------------------|
| 06:00-06:05 | FE-3 | PROK - Urine Spot Test |
| 06:00-06:10 | FE-2 | Morning Inspection. Reboot Laptop RS2(1) |
| 06:00-06:05 | FE-6 | REACTION -Self-Test |
| 06:00-06:10 | FE-1 | Morning Inspection. RSS1, RSS2 Reboot |
| 06:00-06:10 | FE-4 | Morning Inspection. SM ПСС (Caution & Warning Panel) Test |
| 06:00-06:10 | CDR | BCAT - Camera Battery Changeout |
| 06:05-06:15 | FE-6 | Morning Inspection |
| 06:05-06:15 | FE-3 | EKAM Battery Swap |
| 06:10-06:20 | CDR | Morning Inspection |
| 06:10-06:40 | FE-1, FE-2, FE-4 | Post-sleep |
| 06:15-06:25 | FE-3 | Morning Inspection |
| 06:15-06:45 | FE-6 | Post-sleep |
| 06:20-06:50 | CDR | |
| 06:25-06:55 | FE-3 | |
| 06:40-07:40 | FE-1, FE-2, FE-4 | BREAKFAST |
| 06:45-07:40 | FE-6 | |
| 06:50-07:40 | CDR | |
| 06:55-07:40 | FE-3 | |
| 07:40-08:05 | | Daily Planning Conference (<i>S-band</i>) |
| 08:05-08:15 | FE-2 | VIRU. Battery Charge (terminate) |
| 08:05-08:25 | FE-1, FE-3, FE-4 | Work Prep |
| 08:05-08:30 | FE-6 | |
| 08:05-08:45 | CDR | |
| 08:15-08:30 | FE-2 | |
| 08:25-09:30 | FE-3 | Clean Bench (CB) Microscope Checkout |
| 08:25-10:10 | FE-1 | Post-EVA SM ПxO and DC1 reconfig to nominal |
| 08:30-08:50 | FE-2 | Pressurization of Elektron-VM Liquid Unit before Activation |
| 08:30-09:00 | FE-6 | ROBONAUT - Experiment Procedure Review |
| 08:45-08:50 | CDR | CDA screen inspection in Columbus |
| 08:50-09:00 | CDR | CDA screen inspection in Columbus |
| 08:50-09:50 | FE-4, FE-2 assists | Orthostatic Stability Evaluation with LBNP. <i>Tagup with specialists (S-band)</i> |
| 09:00-09:05 | CDR | CDA screen inspection in Columbus |
| 09:00-09:10 | FE-6 | ROBONAUT - Camcorder Setup |
| 09:05-09:10 | CDR | AQM Network Reconnect |

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| 09:10-11:40 | FE-6 | ROBONAUT - Teleoperations |
| 09:30-11:00 | CDR | Initiate EMU Cooling Loop Scrub Part 1 |
| 09:45-10:10 | FE-3 | Clean Bench (CB) Ventilation |
| 09:50-10:10 | FE-2 | VIRU. Installation of Relaksatsiya P/L and Parameter adjustment. <i>Tagup with specialists (S-band)</i> |
| 09:55-10:10 | FE-4 | Hardware Setup for PAO (<i>Ku-band</i>) |
| 10:10-10:20 | FE-1, FE-2, FE-4 | Crew Prep for PAO |
| 10:10-11:20 | FE-3 | ROBO - Assistance |
| 10:20-10:35 | FE-1, FE-2, FE-4 | TV PAO with Federal Tax Service and Sberbank Representatives (<i>Ku-band</i>) |
| 10:35-11:35 | FE-1, FE-4 | Post-EVA Tool Re-stow, IMS Ops |
| 10:35-11:20 | FE-2 | VIRU. Installation of Relaksatsiya P/L and Parameter adjustment. <i>Tagup with specialists (S-band)</i> |
| 11:00-12:30 | CDR | Physical Exercise (ARED) |
| 11:20-11:40 | FE-2 | VIRU. Earth observations |
| 11:30-12:00 | FE-3 | Clean Bench (CB) Stow |
| 11:35-12:25 | FE-1, FE-4 | Post-EVA Orlan-MK Spacesuit Equipment Stowage |
| 11:40-12:20 | FE-2 | VIRU. Fill out and Downlink VIRU Log Sheet |
| 11:40-12:40 | FE-6 | Physical Exercise T 2 |
| 12:20-12:40 | FE-2 | VIRU. Fill out and Downlink VIRU Log Sheet |
| 12:25-13:25 | FE-4 | Physical Exercise (TVIS), Day 2 |
| 12:25-13:25 | FE-1 | Physical Exercise (VELO), Day 1 |
| 12:30-12:40 | CDR | Health Maintenance System (HMS) Tonometry Test Setup |
| 12:40-12:45 | CDR | Tonometry Ops |
| 12:40-13:35 | FE-2 | Physical Exercise (ARED) |
| 12:45-13:00 | FE-3 | HMS - Tonometry Test - Subject |
| 12:45-13:00 | CDR | HMS - Tonometry Test - CMO |
| 13:00-14:00 | CDR, FE-6 | LUNCH |
| 13:00-13:10 | FE-3 | Tonometry Equipment stow |
| 13:10-14:10 | FE-3 | LUNCH |
| 13:30-14:30 | FE-1, FE-4 | LUNCH |
| 13:35-14:35 | FE-2 | LUNCH |
| 14:00-14:30 | CDR | Initiate EMU Cooling Loop Scrub Part 2 |
| 14:05-14:45 | FE-6 | Robonaut Hardware Disassembly |
| 14:10-14:20 | FE-3 | PROK - Diet Log (Day 1) |
| 14:20-14:30 | FE-3 | EKAM Battery Swap |
| 14:30-15:10 | FE-4 | COX Maintenance |
| 14:30-14:45 | FE-3 | Crew VIABLE OBT |
| 14:30-14:50 | CDR | ISS - HAM Radio Session |
| 14:35-16:35 | FE-2 | TKF 418 (DC1) Rodnik Water Tank 1 Bladder Compression |

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| 14:40-15:10 | FE-1 | BIF Cryogem-03 Setup for the Experiment. <i>Tagup with specialists (S-band)</i> |
| 14:45-14:55 | FE-6 | Robonaut Taskboard Stow |
| 14:50-15:00 | CDR | Ham Radio Deactivation |
| 14:55-15:05 | FE-3, FE-6 | Crew Prep for PAO |
| 15:00-15:10 | CDR | BCAT3 Camera Checkout |
| 15:05-15:15 | FE-6 | PAO Hardware Setup |
| 15:10-16:10 | FE-1, FE-4 | Conference on specifics of TKF 419 (AO) Docking / <i>Tagup with specialists (S-band)</i> |
| 15:15-15:35 | FE-3, FE-6 | PAO Event |
| 15:35-16:05 | FE-3 | VIABLE Bag Inspection |
| 16:00-16:10 | CDR | CWC Audit |
| 16:05-17:35 | FE-6 | Physical Exercise (ARED) |
| 16:05-16:35 | FE-3 | VIABLE. - P/L Photography Inside ISS |
| 16:10-17:10 | FE-4 | Post-EVA SM ΠxO and DC1 reconfig to nominal |
| 16:10-17:35 | FE-1 | Physical Exercise (TVIS), Day 1 |
| 16:10-16:35 | CDR | Crew Medical Officer (CMO) Proficiency Training |
| 16:35-16:45 | FE-2 | SM CO measurement using CMS unit |
| 16:35-17:20 | CDR | Initiate EMU Cooling Loop Scrub Part 3 |
| 16:40-17:40 | FE-3 | Physical Exercise (CEVIS) |
| 17:10-17:30 | FE-4 | IMS Update |
| 17:10-18:40 | FE-2 | Physical Exercise (TVIS), Day 4 |
| 17:20-17:50 | CDR | Post-EVA Equipment Stow |
| 17:35-18:35 | FE-1 | Photography of FGB Interior panels in Hygiene Ops Area |
| 17:35-18:05 | FE-6 | IV-TEPC Transfer |
| 17:35-19:05 | FE-4 | Physical Exercise (T2) Day 2 |
| 17:40-19:10 | FE-3 | Physical Exercise (ARED) |
| 17:50-18:50 | CDR | Physical Exercise (CEVIS) |
| 18:25-18:40 | FE-6 | IMS and Stowage Conference |
| 18:35-19:10 | FE-1 | Evening Work Prep |
| 18:40-19:10 | FE-6 | |
| 18:40-19:10 | FE-2 | |
| 18:50-19:10 | CDR | Pre-sleep |
| 19:10-19:30 | | Daily Planning Conference (<i>S-band</i>) |
| 19:30-19:35 | CDR | P/TV Playback Start |
| 19:30-21:30 | FE-1, FE-4 | Pre-sleep |
| 19:30-21:20 | FE-3 | |
| 19:30-21:25 | FE-2, FE-6 | |
| 19:35-20:00 | CDR | |
| 20:00-20:20 | CDR | Crew Conference with CSA |

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| 20:20-21:10 | CDR | Pre-sleep |
| 21:10-21:20 | CDR | BCAT - Camera Battery Changeout |
| 21:20-21:25 | CDR | REACTION - Self-test |
| 21:20-21:30 | FE-3 | EKAM Battery Swap |
| 21:25-21:30 | CDR | P/TV Playback Stop |
| 21:25-21:30 | FE-6 | REACTION - Self-test |
| 21:25-21:30 | FE-2 | БВ1 ТКГ 418 (DC1) Bladder Compression - Closeout Ops |
| 21:30-06:00 | | SLEEP |
| Task List | FE-4 | РСПИ (Data Transmission Radio Link). Data Prep on RSS2 for Downlink via РСПИ |
| | FE-1, FE-2, FE-4 | Preparation of reports for Roskosmos site |
| | FE-1, FE-4 | ECON-M. 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
 4. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
- End of Radiogram