

Radiogram No. 6893u

Form 24 for 10/17/2014

Refuel of SM ОДУ БО2 from TK 423 (DC1) Refueling System with Nitrogen Removal Using K3 Compressor

| TIME | CREW | CREW |
|-------------|--|--|
| 06:00-06:10 | CDR | Morning Inspection. Laptop RS1(2) Reboot |
| 06:00-06:10 | FE-1 | Morning Inspection. Laptop RSS2 Reboot |
| 06:00-06:10 | FE-2 | Morning Inspection. SM ПСС (Caution & Warning Panel) Test |
| 06:00-06:10 | FE-3, FE-5, FE-6 | Morning Inspection |
| 06:10-06:35 | | Post-sleep |
| 06:35-07:20 | CDR, FE-1, FE-2, FE-3, FE-5, FE-6 | BREAKFAST |
| 07:20-07:40 | | Daily Planning Conference (<i>S-band</i>) |
| 07:40-07:55 | | ISS crew and ГОУ (RSA Flight Control Management Team) weekly conference (<i>S-band</i>) |
| 07:55-08:10 | CDR, FE-1, FE-2 | IMS Tagup (<i>S-band</i>) |
| 07:55-09:25 | FE-3 | ARED Exercise |
| 07:55-08:05 | FE-5, FE-6 | Work Prep |
| 08:05-08:35 | FE-5, FE-6 | CPCG - Procedure Review |
| 08:10-08:30 | CDR | Work Prep |
| 08:10-08:40 | FE-1, FE-2 | Work Prep |
| 08:30-08:55 | CDR | On-orbit Hearing Assessment using EARQ |
| 08:35-08:40 | FE-5 | D2XS Battery Charge |
| 08:40-09:25 | FE-5 | OBT - Dragon Departure Review |
| 08:40-11:20 | FE-6 | NANORACK. Operation with Module-19 |
| 08:55-09:05 | CDR | PAO Hardware Setup |
| 08:55-09:05 | FE-2 | CASKAD. Manual Mixing in Bioreactor |
| 09:05-09:15 | CDR, FE-1, FE-2 | Crew Prep for PAO |
| 09:15-09:35 | CDR, FE-1, FE-2 | TV PAO Event With the Participants Of The XXII International Scholastic Space Olympiad Dedicated to the 80th Birthday of Y. A. Gagarin (<i>Ku + S-band</i>) |
| 09:25-10:25 | FE-3 | T2 Exercise |
| 09:25-10:45 | FE-5 | ARED Exercise |
| 09:35-09:50 | CDR, FE-1 | ПхО Config for Training Exercise <i>Tagup with specialists</i> |
| 09:40-09:50 | FE-2 | Comm configuration |
| 09:50-10:00 | CDR, FE-1 | Orlan Comm Check for EVA |
| 09:50-10:30 | FE-2 | Dry Run with Pressurized Orlan Suit Transfer to ПхО (proficiency training of emergency translation to ПхО in the event of DC1 leak). <i>Tagup with specialists</i> |

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| 10:00-11:20 | CDR, FE-1 | Dry Run with Pressurized Orlan Suit Transfer to ПxO (proficiency training of emergency translation to ПxO in the event of DC1 leak). <i>Tagup with specialists</i> |
| 10:25-10:45 | FE-3 | Remove stowage from Double Coldbag that will be packed and returned on SpX-4 |
| 10:30-10:40 | FE-2 | Comm reconfig after Orlan Comm. Check |
| 10:40-11:20 | FE-2 | Dry Run with Pressurized Orlan Suit Transrer to ПxO (proficiency training of emergency translation to ПxO in the event of DC1 leak). <i>Tagup with specialists</i> |
| 10:45-10:55 | FE-3 | Battery Stowage Assembly (BSA) Battery Recharge Terminate |
| 10:45-13:05 | FE-5 | IFM - Multifiltration Bed Remove and Replace |
| 10:55-11:55 | FE-3 | US EVA Tools Gathering |
| 11:20-11:35 | CDR, FE-1 | Configuring ПxO to Initial State after the Dry Run |
| 11:20-13:00 | FE-2 | MATRYOSKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists as necessary</i> |
| 11:20-12:50 | FE-6 | ARED Exercise |
| 11:35-12:45 | CDR | БД-2 Exercise, Day 2 |
| 11:35-12:35 | FE-1 | VELO Exercise, Day 1 |
| 11:55-12:05 | FE-3 | Veg-01 MELFI Insertion of Data Logger |
| 12:05-12:15 | FE-3 | Health Maintenance System (HMS) - Food Frequency Questionnaire |
| 12:15-13:00 | FE-3 | OBT - Dragon Departure Review |
| 12:50-13:00 | FE-6 | EMCS. Opening Gas Valve |
| 13:00-14:00 | CDR, FE-1, FE-2, FE-3, FE-6 | LUNCH |
| 13:05-14:05 | FE-5 | LUNCH |
| 14:00-14:15 | CDR, FE-3 | Tool Transfer from USOS to RS in preparation for EVA 40 |
| 14:00-14:40 | FE-2 | COX Maintenance |
| 14:00-14:05 | FE-6 | Space Headaches Weekly Questionnaire |
| 14:05-14:10 | FE-5 | D2XS Battery Charge |
| 14:05-15:25 | FE-6 | CPCG - Deactivation and Transfer to Descent Vehicle |
| 14:10-15:50 | FE-5 | CPCG - Deactivation and Transfer to Descent Vehicle and Activation of CPCG-HM |
| 14:15-15:45 | CDR, FE-1 | Installation of US EMU lights, TV cameras, and REBA power supply units on Orlan 5 and 6 |
| 14:15-15:15 | FE-3 | ATV imagery for assessment of free volume before closeout ops |
| 15:15-15:45 | FE-3 | Installation of US EMU lights, TV cameras, and REBA power supply units on Orlan 5 and 6 |
| 15:20-16:45 | FE-2 | ARED Exercise |
| 15:45-16:45 | CDR, FE-1 | Crew Air Lock Procedure Review. <i>Tagup with specialists</i> |
| 15:45-15:50 | FE-3 | PGS PL Sample Retrieval from MELFI |
| 15:45-16:35 | FE-6 | Air Lock Procedure Review. <i>Tagup with specialists</i> |
| 15:50-16:20 | FE-3 | PGS - Sample Fixation |

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| 15:50-17:00 | FE-5 | T2 Exercise |
| 16:20-16:25 | FE-3 | PGS. MELFI Sample Insertion |
| 16:35-17:55 | FE-3 | DRAGON. Transfer Ops |
| 16:35-16:55 | FE-6 | HAM Radio Session |
| 16:45-18:05 | CDR | ARED Exercise |
| 16:45-18:05 | FE-1 | БД-2 Exercise, Day 1 |
| 16:45-17:45 | FE-2 | VELO Exercise, Day 4 |
| 17:00-17:10 | FE-5 | RR-MELFI. Sample Relocation between Different MELFI Sections |
| 17:05-18:05 | FE-6 | T2 Exercise |
| 17:10-17:20 | FE-5 | HDPCG. Deactivation and Relocation of Samples from the +2 MELFI to -95 MELFI Dewar |
| 17:20-17:40 | FE-5 | D2Xs EVA Camera Configuration for EVA |
| 17:40-17:45 | FE-5 | Space Headaches Weekly Questionnaire |
| 17:45-18:05 | FE-2 | IMS Delta File Prep |
| 17:55-18:05 | FE-3 | Dragon Transfers Tagup |
| 17:55-18:05 | FE-5 | Health Maintenance System (HMS) - Food Frequency Questionnaire |
| 18:05-18:25 | . | Flight Director / ISS Crew Tagup |
| 18:25-18:30 | CDR, FE-5 | Handover of US photo cameras to RS EVA crew |
| 18:25-18:35 | FE-2 | CASKAD. Manual Mixing in Bioreactor |
| 18:25-18:55 | FE-3 | Evening Work Prep |
| 18:25-18:40 | FE-6 | SDGR2. Crew OBT |
| 18:30-18:55 | CDR | Evening Work Prep |
| 18:30-18:40 | FE-5 | Start EMU METOX Regeneration |
| 18:35-18:55 | FE-1, FE-2 | Evening Work Prep |
| 18:40-18:55 | FE-5 | Evening Work Prep |
| 18:40-18:55 | FE-6 | SDGR2. Experiment Container Replacement |
| 18:55-19:20 | | Daily Planning Conference (<i>S-band</i>) |
| 19:20-19:30 | | Evening Work Prep |
| 19:30-21:30 | | Pre-sleep |
| 21:30-06:00 | | SLEEP |
| Task List | CDR, FE-1, FE-2 | Preparation of reports for Roscosmos site |
| | | ECON-M. Observations and Photography |
| | | URAGAN Observations and Photography |

Notes:

1. See OSTPV for references to US activities.
2. Pre-sleep ops: daily food prep, dinner, pre-sleep
3. Russian crew uses US exercise equipment strictly per F24 or OSTPV
4. No T2 Exercise at 10:45-11:00 - 12:40-12:55