Radiogram No. 4995u Form 24 for 03/05/2014 Crew Departure Prep. Elektron Pressurization and Activation

| TIME | CREW | ACTIVITY |
|-------------|---|--|
| 06:00-06:05 | CDR , FE-2 , FE-4 , FE-5, FE-6 | Reminder for Surface sample collection from USOS equipment and structures |
| 06:00-06:05 | FE-3 | REMINDER. Surface Sample Collection Ops |
| 06:05-06:10 | FE-3 | Saliva Sample Collection Reminder |
| 06:05-06:15 | FE-4 | Morning Inspection. RSS1,2 Reboot |
| 06:05-06:15 | FE-5 | Morning Inspection |
| 06:05-06:10 | FE-6 | Reading REMINDER |
| 06:05-06:15 | FE-2 | Morning Inspection. SM ΠCC (Caution & Warning Panel) Test |
| 06:05-06:15 | CDR | Morning Inspection. Laptop RS1(2) Reboot |
| 06:10-06:25 | FE-3 | HRF Saliva Sample Collection |
| 06:10-06:20 | FE-6 | Morning Inspection |
| 06:15-06:40 | CDR, FE-2, FE-4, FE-5 | Post-sleep |
| 06:20-06:45 | FE-6 | Post-sleep |
| 06:25-06:30 | FE-3 | HRF - MELFI Sample Insertion |
| 06:30-07:15 | FE-3 | BIOME - Surface Sample Collection Operations |
| 06:40-07:20 | CDR, FE-2, FE-4 | BREAKFAST |
| 06:45-07:20 | FE-6 | BREAKFAST |
| 06:40-07:20 | FE-5 | BREAKFAST |
| 07:15-07:20 | FE-3 | HRF - Urine Sample Insertion Into MELFI |
| 07:20-07:35 | | Daily Planning Conference (S-band) |
| 07:35-07:50 | FE-2, CDR, FE-4 | BREAKFAST |
| 07:55-08:25 | FE-6 | USND2 - Hardware Setup and Activation |
| 07:55-08:05 | FE-4 | SEISMOPROGNOZ. Seismoprognoz P/L Data downlink (start). <i>Tagup</i> with specialists |
| 07:55-08:15 | CDR, FE-2 | Work Prep |
| 07:35-08:15 | FE-3 | Post-sleep |
| 07:55-08:55 | FE-5 | T2 Exercise |
| 08:05-09:20 | FE-4 | Study of veins in lower extremities |
| 08:15-08:25 | CDR | Charging GoPro HERO3 Camcorder Battery - start |
| 08:15-09:15 | FE-2 | СКПФ1, СКПФ2 Dust Filter Replacement and MRM1 ГЖТ Cleaning (ФГБ1ПГО_4_419_1, Zone 285 enclosure. Discard the removed items. Reflect changes in IMS) |
| 08:15-09:05 | FE-3 | BREAKFAST |
| 08:25-08:35 | CDR | URAGAN. Photo Spectrum System Battery Charge (start) |
| 08:25-08:45 | FE-6 | Work Prep |
| 08:40-09:40 | CDR | Crew Departure Prep |

| 08:55-10:00 | FE-6 | OH - Ocular Health (OH) - Blood Pressure Operations |
|-------------|---------------------------------|--|
| 09:05-09:20 | FE-5 | Flow water from through MRF |
| 09:10-09:30 | FE-3 | Work Prep |
| 09:20-09:25 | FE-4 | CTTC Configuration for MRM1 |
| 09:20-09:45 | FE-5 | Ocular Health (OH) Blood Pressure Operations (assistance) |
| 09:25-11:25 | FE-4 | KAPLYA-2. Pre-pack Kaplya-2 P/L for Stowage. Tagup with specialists |
| 09:30-09:40 | FE-3 | BIOME - Hardware Setup for Sampling |
| 09:40-10:10 | CDR, FE-2, FE-3 | Kentavr Suit Adjustments |
| 09:50-10:00 | FE-5 | Wastewater Storage Tank Assembly (WSTA) Fill |
| 10:00-10:30 | FE-5 | EXPRESS Rack 3 Locker Removal |
| 10:10-10:15 | FE-6 | Ultrasound Scanning - Closeout Ops |
| 10:10-10:20 | CDR , FE-2 , FE-3 | Private Medical Conference with Kentavr specialists |
| 10:20-10:30 | FE-6 | Ultrasound - Scanning Prep |
| 10:20-11:20 | FE-2 | Crew Departure Prep |
| 10:20-11:45 | FE-3 | ARED Exercise |
| 10:20-11:20 | CDR | БД-2 Exercise, Day 4 |
| 10:30-11:10 | FE-5, FE-6 | Ultrasound Scan - Operator |
| 11:10-11:20 | FE-5 | Ultrasound Scan - Data Export |
| 11:15-12:15 | FE-6 | T2 Exercise |
| 11:20-11:35 | FE-5 | NANO - Activation and Mixing |
| 11:20-11:30 | CDR | Charging GoPro HERO3 Camcorder Battery - end |
| 11:25-12:55 | FE-2 | БД-2 Exercise, Day 3 |
| 11:25-11:30 | FE-4 | Comm reconfig for nominal ops (MRM1) |
| 11:30-12:00 | CDR | Video camera GoPro Setup and Adjustment for Operation during TK 710 Descent. (settings verification, clearing memory cards). <i>Tagup with specialists</i> |
| 11:30-12:30 | FE-4 | VELO Exercise, Day 4 |
| 11:35-11:45 | FE-5 | Formaldehyde Monitoring Kit (FMK) Stow Operations |
| 11:45-13:15 | FE-5 | ARED Exercise |
| 12:00-12:15 | CDR | Consultation on GoPro Camcorder Operation and Setup in TK 710 [CA] Tagup with specialists |
| 12:15-13:15 | FE-3 | T2 Exercise |
| 12:15-13:15 | FE-6 | LUNCH |
| 12:20-12:40 | CDR | СОЖ Maintenance |
| 12:30-13:00 | FE-4 | SEISMOPROGNOZ. Downlink of Seismoprognoz P/L data (end). Tagup with specialists |
| 12:40-13:00 | CDR | Elektron-VM Liquid Unit Pressurization before Activation |
| 12:55-13:55 | FE-2 | LUNCH |
| 13:00-14:00 | CDR, FE-4 | LUNCH |
| 13:15-13:25 | FE-3 | BIOME - Perspiration Sampling Operations |

| 13:15-13:30 | FE-6 | FPEF Experiment Conference No. 1 |
|-------------|---------------------|---|
| 13:15-14:15 | FE-5 | LUNCH |
| 13:25-13:30 | FE-3 | HRF - Urine Sample Insertion Into MELFI |
| 13:30-13:55 | FE-3 | LUNCH |
| 13:30-13:35 | FE-6 | G1 - Camcorder Setup |
| 13:35-16:10 | FE-6 | MD30 - Core Cleaning |
| 13:55-14:15 | FE-3 | HAM radio session from Columbus |
| 13:55-16:55 | FE-2 | TK 710 Packing for Disposal |
| 14:00-15:00 | FE-4 | Monthly vacuum cleaning of the instrument surface with BRI power off (do not disconnect cable network). <i>Tagup with specialists</i> |
| 14:05-15:00 | CDR | URAGAN. Observation and Photography using Photo Spectrum System |
| 14:15-14:20 | FE-5 | USND2 - Ultrasound 2 Hardware Power Off |
| 14:15-14:30 | FE-3 | LUNCH |
| 14:30-15:00 | FE-3, FE-5 | WRS-IFM Procedure Review |
| 15:00-15:10 | FE-4 | BRI log dump from RSS1 |
| 15:00-15:30 | FE-3, FE-5 | IFM Crew Conference |
| 15:20-16:10 | FE-4 | MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup</i> with specialists |
| 15:30-16:50 | CDR | ARED Exercise |
| 15:40-15:55 | FE-3 | BIOME - Sample Collection Ops |
| 15:45-16:05 | FE-5 | Condensate Tank Offload to CWC |
| 15:55-16:00 | FE-3 | HRF - Urine Sample Insertion Into MELFI |
| 16:00-16:05 | FE-3 | BIOME - Hardware Stow |
| 16:05-16:10 | FE-3 | Retrieval of Radi-N dosimeters from deployed locations |
| 16:10-16:15 | FE-6 | G1 - Closeout Ops |
| 16:10-16:15 | FE-4 | MATRYOSHKA-R. Handover of BUBBLE-dosimeters from USOS. Tagup with specialists |
| 16:10-16:15 | FE-3 | Handover of RADIN dosimeters |
| 16:15-16:45 | FE-4 | MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup</i> with specialists |
| 16:15-16:25 | FE-6 | PAO Hardware Setup |
| 16:30-16:40 | FE-3, FE-5, FE-6 | Crew Prep for PAO |
| 16:40-17:00 | FE-3, FE-5, FE-6 | PAO Event |
| 16:45-18:15 | FE-4 | БД-2 Exercise, Day4 |
| 16:50-18:50 | CDR | On MCC Go Urine transfer from EDV-U to ΤΚΓ 422 Rodnik Tank 1 and flushing ΤΚΓ 422 Rodnik Tank 1 connector |
| 16:55-17:05 | FE-2 | TK 710 Loading Completion Report (S-band) |
| 17:00-17:15 | FE-5 | Termination of Condensate Tank Offload to CWC |
| 17:00-17:30 | FE-3 | EXPRESS Rack 8 Locker Removal |
| 17:00-18:30 | FE-6 | ARED Exercise |

| 17:05-18:05 | FE-2 | T2 Exercise, Day 3 |
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| 17:15-17:30 | FE-5 | Private Medical Conference |
| 17:30-18:30 | FE-3 | Inspection of Portable Breathing Apparatus (PBA) and Portable Fire Extinguisher (PFE) |
| 17:30-19:00 | FE-5 | WRS-IFM - Pre-gather |
| 18:10-18:25 | FE-2 | IMS Update |
| 18:15-19:05 | FE-4 | Evening Work Prep |
| 18:25-19:20 | FE-2 | Evening Work Prep |
| 18:30-18:45 | FE-6 | Private Medical Conference |
| 18:30-18:50 | FE-3 | BIOME - Collecting Surface Samples |
| 18:45-19:05 | FE-6 | HRF - Urine Sample Insertion |
| 18:50-18:55 | FE-3 | HRF - Urine Sample Insertion Into MELFI |
| 18:50-19:20 | CDR | Evening Work Prep |
| 18:55-19:00 | FE-3 | BIOME - Equipment Stowage |
| 19:00-19:20 | FE-3 | Evening Work Prep |
| 19:00-19:05 | FE-5 | Evening Work Prep |
| 19:00-19:15 | FE-6 | Evening Work Prep |
| 19:05-19:20 | FE-5 | Journal Entry |
| 19:20-19:35 | | Daily Planning Conference (S-band) |
| 19:35-21:25 | FE-3, FE-6 | Pre-sleep |
| 19:35-21:30 | FE-5 | Pre-sleep |
| 19:35-21:30 | FE-4, FE-2, CDR | Pre-sleep |
| 21:25-21:30 | FE-3 | Reading REMINDER |
| 21:25-21:30 | FE-6 | PFE - Reading Reminder |
| 21:30-06:00 | | SLEEP |
| Task List | CDR, FE-2, FE-4 | Preparation of reports for Roscosmos site |
| | FE-4 | Photo of space behind SM panels 334, 335, 336, 338 to develop SM EKTC Feeder installation procedure |
| | | ECON-M. Observations and Photography |

Notes:

- SM Window No. 9 shutter opening is at crew discretion w/ Report to MCC
 Pre-sleep ops: Dinner, Daily food prep, pre-sleep)
 See OSTPV for references to US activities.

- 4. Russian crew uses US exercise equipment strictly per F24 or OSTPV