

Radiogram No. 8157u Form 24 for 01/13/2012  
**CKB1 R&R. SM Ventilation System Preventive Maintenance**

| GMT         | CREW                         | ACTIVITY   |
|-------------|------------------------------|--|
| 06:00-06:10 | CDR, FE-2, FE-4, FE-5, FE-6  | Morning Inspection   |
| 06:00-06:10 | FE-1                         | Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b>   |
| 06:10-06:40 |                              | Post-sleep   |
| 06:40-07:30 |                              | BREAKFAST  |
| 07:30-07:40 | FE-4                         | MOLNIYA-GAMMA. Saving science and service data to a flash card (start). <i>Tagup with specialists (S-band)</i> |
| 07:30-07:40 | CDR, FE-1, FE-2, FE-6        | Work Prep  |
| 07:30-07:35 | FE-5                         | ERB2 Battery charge  |
| 07:35-07:40 | FE-5                         | Work Prep  |
| 07:40-08:05 |                              | Daily Planning Conference ( <i>S-band</i> )  |
| 08:05-08:20 |                              | ISS Crew and ГОУ (RSA Flight Control Team Management) Weekly Conference ( <i>S-band</i> )                      |
| 08:20-08:25 | CDR                          | Work Prep  |
| 08:20-08:30 | FE-1, FE-2, FE-4, FE-5, FE-6 | Work Prep  |
| 08:25-09:10 | CDR                          | Amine Swingbed Hardware Gather   |
| 08:30-08:45 | FE-1, FE-2, FE-4             | IMS Tagup ( <i>S-band</i> )  |
| 08:30-08:50 | FE-5                         | PCFR - Equipment search  |
| 08:30-09:15 | FE-6                         | VO2 Stowage  |
| 08:45-09:45 | FE-2                         | Load and Test TORU Trainer Application v.1.9 on RSK1. <i>Tagup with specialists (S-band)</i>                   |
| 08:45-11:15 | FE-1                         | SM Ventilation System Preventive Maintenance   |
| 08:50-10:20 | FE-5                         | Physical Exercise (ARED)   |
| 09:10-09:20 | CDR                          | Amine Swingbed Video Setup   |
| 09:15-09:30 | FE-6                         | PCS – Burning CD   |
| 09:20-09:50 | CDR                          | Amine Swingbed Hardware Assembly   |
| 09:20-10:15 | FE-4                         | EPS [СЭП] channel B power controller Test  |
| 09:30-12:10 | FE-6                         | PCS R14 Hard Drive Imaging   |
| 09:45-11:45 | FE-2                         | Water transfer from Progress 413 Water Tank ББ1 and Progress 413 Water Tank ББ1 Shell Compression              |
| 09:50-10:20 | CDR                          | Waste and Hygiene Compartment (WHC) EDV-SV Manual Fill   |
| 10:15-11:15 | FE-4                         | Analysis and Troubleshooting RSS2 Operation with БСР-ТМ  |
| 10:20-10:50 | FE-5                         | Exercise Initial Preparation   |
| 10:20-11:50 | CDR                          | Physical Exercise (ARED)   |
| 10:50-11:50 | FE-5                         | Physical Exercise T 2  |
| 11:15-12:45 | FE-4                         | Physical Exercise (TVIS), Day 4  |
| 11:15-12:15 | FE-1                         | Search for Soyuz 232 accessory bag СТА 11Ф732.Г1000-540  |
| 11:50-12:00 | FE-5                         | TREAD. Exercise End  |
| 11:50-13:15 | FE-2                         | Physical Exercise (ARED)   |
| 11:50-12:50 | CDR                          | Physical Exercise T2   |
| 12:00-12:05 | FE-5                         | MPC Power Up   |
| 12:05-12:25 | FE-5                         | ESA Weekly Crew Conference   |

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| 12:15-13:15 | <b>FE-1</b>             | Physical Exercise (TVIS), Day 4                                      |
| 12:25-12:35 | FE-5                    | Space Headaches - Weekly Questionnaire                               |
| 12:35-12:40 | FE-5                    | ISS HAM Radio Setup in Service Module                                |
| 12:40-12:55 | FE-5                    | ISS HAM Radio Session from SM  |
| 12:45-12:55 | FE-6                    | Compound Specific Analyzer- Combustion Products (CSA-CP) Spot Check  |
| 12:55-13:55 | FE-5, FE-6              | LUNCH  |
| 13:00-13:10 | CDR                     | Food Frequency Questionnaire   |
| 13:10-14:10 | CDR                     | LUNCH  |
| 13:10-13:15 | <b>FE-4</b>             | <b>On MCC Go</b> ISS O2 repress from Progress 413 CpPK (start)       |
| 13:15-14:15 | <b>FE-1, FE-2, FE-4</b> | LUNCH  |
| 13:55-14:10 | FE-6                    | Journal Entry  |
| 13:55-14:05 | FE-5                    | Food Frequency Questionnaire   |
| 14:05-14:20 | FE-5                    | IMS and Stowage Conference   |
| 14:10-15:10 | FE-6                    | SLICE. Hardware Gathering  |
| 14:10-14:25 | CDR                     | Amine Swingbed Hardware Assembly                                     |
| 14:15-14:20 | <b>FE-4</b>             | ISS O2 repress from Progress 413 CpPK (terminate)                    |
| 14:15-15:55 | <b>FE-1</b>             | Progress 413 Stowage and IMS Operations                              |
| 14:15-15:15 | <b>FE-2</b>             | BINS Correction Test from ВП-2 Optical Device                        |
| 14:20-14:25 | FE-5                    | MPC Power Down   |
| 14:20-14:30 | <b>FE-4</b>             | MOLNIYA-GAMMA. Saving Science and Service Data to a Flash Card (end) |
| 14:25-14:40 | FE-5                    | HMS-MAS – Equipment Pre-gather                                       |
| 14:25-14:40 | CDR                     | Journal Entry  |
| 14:30-15:20 | <b>FE-4</b>             | MOLNIYA-GAMMA. Preparation and Downlink                              |
| 14:40-16:10 | FE-5                    | Microbial Air Sampler (MAS) Kit Sample Collection                    |
| 14:40-15:05 | CDR                     | On-orbit Hearing Assessment using EARQ                               |
| 15:05-15:25 | CDR                     | WRS - Recycle Tank Removal   |
| 15:10-15:40 | FE-6                    | Exercise Initial Preparation   |
| 15:15-16:15 | <b>FE-2</b>             | Precision Vertical Wide Angle Sight (ВШТБ) Checkout                  |
| 15:20-16:00 | <b>FE-4</b>             | COЖ Maintenance  |
| 15:25-15:40 | CDR                     | Recycle Tank Drain to EDV  |
| 15:40-16:40 | FE-6                    | Physical Exercise T2   |
| 15:40-16:20 | CDR                     | Amine Swingbed Bead Check  |
| 15:55-16:15 | <b>FE-1</b>             | IMS Update   |
| 16:05-16:35 | <b>FE-4</b>             | SEINER Ocean Observations  |
| 16:10-16:25 | FE-5                    | ARED Flywheel Cylinder Evacuation                                    |
| 16:15-16:45 | <b>FE-1</b>             | ATV Control Panel Relocation   |
| 16:15-17:15 | <b>FE-2</b>             | Checkout ПУМА pilot's sight  |
| 16:20-16:35 | CDR                     | Recycle Tank Drain to EDV  |
| 16:25-16:55 | FE-5                    | HRF1-SLAMMD – hardware setup   |
| 16:35-16:55 | CDR                     | WRS - Recycle Tank Removal   |
| 16:35-17:15 | <b>FE-4</b>             | Microbial sample collection (medium 1) To + 2 days                   |
| 16:40-16:50 | FE-6                    | TREAD. Exercise End  |
| 16:45-18:15 | <b>FE-1</b>             | Physical Exercise (ARED)   |
| 16:50-16:55 | FE-6                    | MPC Power Up   |
| 16:55-17:05 | FE-6                    | Body Mass Measurement  |

|                  |                               |   |
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| 16:55-17:05      | CDR                           | Recycle Tank Leak Check                                     |
| 16:55-17:00      | FE-5                          | Panoptic Video  |
| 17:00-17:10      | FE-5                          | PanOptic Eye Exam Setup                                     |
| 17:10-17:15      | FE-6                          | PanOptic Preparation  |
| 17:15-18:15      | <b>FE-4</b>                   | Physical Exercise (VELO), Day 4                             |
| 17:15-17:25      | FE-5                          | Body Mass Measurement                                       |
| 17:15-18:00      | CDR                           | Amine Swingbed Hardware Disassembly                         |
| 17:15-18:15      | <b>FE-2</b>                   | Physical Exercise (TVIS), Day 4                             |
| 17:25-17:45      | FE-5                          | SLAMMD Equipment Stow                                       |
| 17:45-18:15      | FE-5                          | PanOptic Eye Exam (Subject)                                 |
| 17:45-18:15      | FE-6                          | PanOptic Eye Examination                                    |
| 18:00-18:45      | CDR                           | Amine Swingbed Hardware Stow                                |
| 18:15-18:45      | <b>FE-1, FE-4</b>             | Evening Work Prep   |
| 18:15-18:40      | FE-6                          | Evening Work Prep   |
| 18:15-18:35      | FE-5                          | PanOptic Data Downlink/Stowage                              |
| 18:20-18:25      | <b>FE-2</b>                   | Progress 413 Rodnik 5B1 tank Shell Compression - completion |
| 18:25-18:45      | <b>FE-2</b>                   | Evening Work Prep   |
| 18:35-18:40      | FE-5                          | Panoptic Video Stow   |
| 18:40-18:45      | FE-6                          | MPC Power Down  |
| 18:45-19:10      |                               | Daily Planning Conference ( <i>S-band</i> )                 |
| 19:10-19:30      |                               | Flight Director/ISS Crew Tagup                              |
| 19:30-19:50      | .                             | Conference With Astronaut Office Management                 |
| 19:50-19:55      | FE-5                          | ERB2 Battery charge   |
| 19:50-20:40      | CDR                           | Pre-sleep   |
| 19:50-21:30      | <b>FE-1, FE-2, FE-4, FE-6</b> | Pre-sleep   |
| 19:55-21:30      | FE-5                          | Pre-sleep   |
| 20:40-20:55      | CDR                           | Private Psychological Conference                            |
| 20:55-21:30      | CDR                           | Pre-sleep   |
| 21:30-06:00      |                               | SLEEP   |
| <b>Task List</b> | <b>FE-1, FE-2, FE-4</b>       | 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