

Radiogram No. 4495u

Form 24 for 01/08/2014

**REPLACEMENT OF LIGHTS IN MRM1 AND FGB. KULONONVSKIY KRISTALL**

| TIME        | CREW                | ACTIVITY   |
|-------------|---------------------|--|
| 06:00-06:10 | CDR                 | Morning Inspection<br>Reboot Laptop RS2(1) RSS1,2 Reboot   |
| 06:00-06:10 | FE-2, FE-3,<br>FE-5 | Morning Inspection   |
| 06:00-06:10 | FE-4                | Morning Inspection. SM ПСС (Caution & Warning Panel) Test  |
| 06:00-06:05 | FE-6                | REMINDER - Reading Reminder  |
| 06:05-06:10 | FE-6                | Morning Inspection   |
| 06:10-06:40 |                     | Post-sleep   |
| 06:40-07:25 | CDR, FE-2,<br>FE-4  | BREAKFAST  |
| 06:40-07:30 | FE-3, FE-5,<br>FE-6 | BREAKFAST  |
| 07:25-07:40 | CDR, FE-2,<br>FE-4  | Daily Planning Conference ( <i>S-band</i> )  |
| 07:40-07:50 | FE-2                | ALBEDO. Battery Charge (start)   |
| 07:40-08:00 | CDR, FE-4           | Work Prep  |
| 07:50-08:15 | FE-2                | Work Prep  |
| 08:15-12:45 | CDR                 | Replacement of CD1-7 Lights with CCD305 Lights in FGB  |
| 08:15-08:35 | FE-4                | MATRYOSHKA-R. Monitoring Lulin-5 readings  |
| 08:15-08:25 | FE-2                | MATRYOSHKA-R. Monitoring Tritel Readings   |
| 08:25-08:55 | FE-2                | Replacement of Purification Column Units (БКО) <b>with БКО No. 1204058</b> for Elektron SVO. <b>Dispose of the dismantled unit via TKГ 420. Reflect changes in IMS</b> |
| 08:30-08:50 | FE-6                | ISS Crew / SSIPC FD Conference   |
| 08:35-11:35 | FE-4                | Replacement of 3 CD 1-7 failed lights in MRM1. <i>Tagup with specialists as necessary (S-band)</i>   |
| 09:30-10:30 | FE-6                | T2 Exercise  |
| 09:35-10:15 | FE-2                | COЖ Maintenance  |
| 10:00-11:30 | FE-3                | ARED Exercise  |
| 10:00-10:30 | FE-5                | EHS MCD Water Processing   |
| 10:15-11:15 | FE-2                | VELO Exercise, Day 3   |
| 10:30-11:30 | FE-5                | T2 Exercise  |
| 10:35-10:55 | FE-6                | HAM Radio Session  |
| 11:15-12:45 | FE-2                | БД-2 Exercise, Day 3   |
| 11:30-12:30 | FE-3                | T2 Exercise  |
| 11:30-13:00 | FE-5                | ARED Exercise  |
| 11:45-12:45 | FE-4                | VELO Exercise, Day 4   |
| 12:15-12:35 | FE-6                | HAM Radio Session  |
| 12:45-13:45 | CDR, FE-2,<br>FE-4  | LUNCH  |

|             |                            |   |
|-------------|----------------------------|---|
| 13:00-14:00 | FE-3, FE-5,<br>FE-6        | LUNCH   |
| 13:45-14:45 | <b>FE-4</b>                | Cleaning ISS RS Habitation Area Interior Panels   |
| 13:45-13:50 | <b>CDR</b>                 | TERMO-LADA. Visual Inspection of Hardware Operation   |
| 13:50-15:20 | <b>FE-2</b>                | Network and Computer Hardware Audit   |
| 13:55-15:25 | <b>CDR</b>                 | TKF 420 Transfers and IMS Ops   |
| 14:00-14:10 | FE-5                       | Formaldehyde Monitoring Kit (FMK) Stow Operations   |
| 14:00-14:45 | FE-3                       | WHC EDV Prep  |
| 14:35-14:50 | FE-6                       | Private Medical Conference  |
| 14:45-15:15 | <b>FE-4</b>                | Monitoring Regul-OS Antenna Feeder cable connection to Regul-OS CA-316-1, 2 Position Finder                         |
| 14:55-15:35 | FE-3                       | RGN REC-TNK - Remove depress hose for nominal operations  |
| 15:15-16:45 | FE-6                       | ARED Exercise   |
| 15:15-15:30 | <b>FE-4</b>                | ИП-1 Flow Sensor Position Check   |
| 15:20-16:10 | <b>FE-2</b>                | ALBEDO. Experiment with the use of Photo Spectrum System (ФСС). <i>Tagup with specialists as necessary (S-band)</i> |
| 15:25-15:45 | <b>CDR</b>                 | IMS Update  |
| 15:30-15:40 | <b>FE-4</b>                | AOK ГАНК-4М data readout  |
| 15:45-16:45 | <b>FE-4</b>                | Cleaning ISS RS Habitation Area Interior Panels   |
| 15:55-16:45 | <b>CDR</b>                 | Evening Work Prep   |
| 16:10-16:15 | <b>FE-2</b>                | MRM2 comm config to support voice comm during experiment  |
| 16:15-17:15 | <b>FE-2</b>                | Kulonovskiy Kristall Experiment. <i>Tagup with specialists (S-band)</i>   |
| 16:15-16:30 | FE-3                       | Private Medical Conference  |
| 16:45-18:15 | <b>FE-4</b>                | БД-2 Exercise, Day 4  |
| 16:45-18:15 | <b>CDR</b>                 | ARED Exercise   |
| 16:45-17:30 | FE-6                       | SODF Pen and Ink  |
| 17:05-17:20 | FE-5                       | Private Medical Conference  |
| 17:15-17:20 | <b>FE-2</b>                | MRM2 Comm Reconfig  |
| 17:20-17:50 | <b>FE-2</b>                | KULONOVSKIY KRISTALL. File Preparation and Downlink   |
| 17:45-18:00 | FE-5                       | Journal Entry   |
| 17:50-18:05 | <b>FE-2</b>                | URISIS Hardware Setup   |
| 18:15-18:30 | <b>CDR, FE-2,<br/>FE-4</b> | Daily Planning Conference ( <i>S-band</i> )   |
| 18:25-18:45 | FE-3                       | HAM Radio Session   |
| 18:30-19:30 | <b>CDR</b>                 | БД-2 Exercise, Day 4  |
| 18:40-19:30 | <b>FE-2, FE-4</b>          | Evening Work Prep   |
| 19:30-21:30 | <b>CDR, FE-4,<br/>FE-5</b> | Pre-sleep   |
| 19:30-21:20 | <b>FE-2, FE-6</b>          | Pre-sleep   |
| 19:30-21:25 | FE-3                       | Pre-sleep   |
| 21:20-21:30 | <b>FE-2</b>                | URAGAN. Photo Spectrum System Battery Charge (start)  |

|                  |                            |   |
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| 21:20-21:25      | FE-6                       | REMINDER - Reading Reminder               |
| 21:25-21:30      | FE-3, FE-6                 | Reading REMINDER                          |
| 21:30-06:00      |                            | SLEEP                                     |
| <b>Task List</b> | <b>CDR, FE-2,<br/>FE-4</b> | ECON-M. Observations and Photography      |
|                  |                            | URAGAN Observations and Photography       |
|                  |                            | Preparation of reports for Roscosmos site |

**Note:**

1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC**
  2. Pre-sleep ops: daily food prep, dinner, pre-sleep
  3. See OSTP for references to US activities.
  4. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
  5. **At high beta angles power off all Auxiliary Computer System (BKC) Laptops which are not in use**
- End of Radiogram