<table>
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<th>TIME</th>
<th>CREW</th>
<th>ACTIVITY</th>
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<tr>
<td>06:00-06:05</td>
<td>FE-6</td>
<td>Reaction Self Test</td>
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<tr>
<td>06:00-06:10</td>
<td>FE-4</td>
<td>Morning Inspection</td>
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<tr>
<td>06:00-06:10</td>
<td>FE-3</td>
<td>Morning Inspection</td>
</tr>
<tr>
<td>06:00-07:00</td>
<td>CDR</td>
<td>SPRUT-2 Experiment Ops</td>
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<td>06:00-06:05</td>
<td>FE-5</td>
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<td>06:10-06:40</td>
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<td>06:15-06:40</td>
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<td>Post-sleep</td>
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<td>06:40-07:30</td>
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<tr>
<td>07:00-07:10</td>
<td>CDR</td>
<td>Morning Inspection, Laptop RS2(1) Reboot</td>
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<tr>
<td>07:10-07:45</td>
<td>CDR</td>
<td>Post-sleep</td>
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<td>07:30-07:40</td>
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<td>Work Prep</td>
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<td>07:40-07:45</td>
<td>FE-2</td>
<td>Work Prep</td>
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<tr>
<td>07:45-08:10</td>
<td>CDR</td>
<td>Daily Planning Conference (S-band)</td>
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<tr>
<td>08:10-08:40</td>
<td>CDR</td>
<td>BREAKFAST</td>
</tr>
<tr>
<td>08:10-08:15</td>
<td>FE-5</td>
<td>Set up video equipment to record ARED exercise</td>
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<tr>
<td>08:10-08:20</td>
<td>FE-2, FE-4, FE-6</td>
<td>Work Prep</td>
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<td>08:10-08:20</td>
<td>FE-3</td>
<td>WRS Water Sample Analysis</td>
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<td>08:15-09:40</td>
<td>FE-5</td>
<td>ARED Exercise</td>
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<tr>
<td>08:20-09:20</td>
<td>FE-2</td>
<td>Pretreat and Water Dispenser (ДКиВ) Replacement / Install No. 1204033 (00059956, ФГБИПГО_2_213_1, container 213), Pre-pack the removed unit for disposal. Reflect changes in IMS</td>
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<tr>
<td>08:20-09:05</td>
<td>FE-4</td>
<td>ASEPTIC. Samples photo after incubation. Tagup with specialists (S-band)</td>
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<td>08:20-08:30</td>
<td>FE-6</td>
<td>ELT2 Setup</td>
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<td>08:30-09:30</td>
<td>FE-6</td>
<td>T2 Exercise</td>
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<td>08:35-08:45</td>
<td>FE-3</td>
<td>CIR - Hardware Setup</td>
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<tr>
<td>08:40-08:50</td>
<td>CDR</td>
<td>Work Prep</td>
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<td>08:45-09:15</td>
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<td>ROBONAUT - procedure review</td>
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<td>08:50-09:00</td>
<td>CDR</td>
<td>URAGAN. Photo Spectrum System Battery Charge (start)</td>
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<td>09:00-11:00</td>
<td>CDR</td>
<td>Replace the kit content of charger set, МВП-2К electronics box, and Scope Meter Fluke 105B</td>
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<tr>
<td>Time</td>
<td>Code</td>
<td>Action</td>
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<td>09:20-09:40</td>
<td>FE-2</td>
<td>CO2K Maintenance</td>
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<td>FE-4</td>
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<td>FE-3</td>
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<td>09:30-09:50</td>
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<tr>
<td>09:35-09:40</td>
<td>FE-3</td>
<td>ROBONAUT- Camcorder Setup</td>
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<td>09:35-09:55</td>
<td>FE-4</td>
<td>ASEPTIC. Cryogem-03 Removal</td>
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<td>09:40-10:40</td>
<td>FE-5</td>
<td>T2 Exercise</td>
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<td>09:40-12:10</td>
<td>FE-3</td>
<td>ROBONAUT Tele-ops Hardware Setup</td>
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<tr>
<td>09:40-11:05</td>
<td>FE-2</td>
<td>VELO Exercise, Day 3</td>
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<tr>
<td>10:00-10:05</td>
<td>FE-6</td>
<td>Photo/TV Camcorder Setup Verification</td>
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<tr>
<td>10:05-11:35</td>
<td>FE-4</td>
<td>БД-2 Exercise - Day 3</td>
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<td>10:05-11:35</td>
<td>FE-6</td>
<td>ARED Exercise</td>
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<td>10:40-12:10</td>
<td>FE-5</td>
<td>ROBO - Assistance with the Experiment</td>
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<td>11:00-12:00</td>
<td>CDR</td>
<td>TKГ 420 Transfers and IMS Updates</td>
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<tr>
<td>11:20-11:35</td>
<td>FE-5</td>
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<tr>
<td>11:35-11:45</td>
<td>FE-6</td>
<td>MI-MSPR. Installation of Work Bench</td>
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<tr>
<td>11:35-11:55</td>
<td>FE-5</td>
<td>ISS - HAM Radio Session</td>
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<td>11:45-11:50</td>
<td>FE-6</td>
<td>G1 - Camcorder Setup</td>
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<td>11:50-12:30</td>
<td>FE-6</td>
<td>MI - Hardware Setup</td>
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<tr>
<td>12:00-12:05</td>
<td>CDR</td>
<td>Photo/TV Camcorder Setup Verification</td>
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<td>12:05-13:30</td>
<td>CDR</td>
<td>ARED Exercise</td>
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<td>12:30-12:40</td>
<td>FE-3</td>
<td>TOCA 2 Data Recording</td>
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<td>12:35-12:45</td>
<td>FE-5</td>
<td>Health Maintenance System (HMS) Tonometry Test Setup</td>
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<td>12:40-12:50</td>
<td>FE-3</td>
<td>TOCA Waste Water Bag (WWB) Changeout</td>
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<td>12:40-12:55</td>
<td>FE-6</td>
<td>Private Psychological Conference</td>
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<td>12:45-13:00</td>
<td>FE-5</td>
<td>HMS - Tonometry Test - CMO</td>
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<tr>
<td>12:50-13:00</td>
<td>FE-3</td>
<td>HMS - Tonometry Test - CMO</td>
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<td>12:55-13:00</td>
<td>FE-6</td>
<td>ELT2 Reboot</td>
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<tr>
<td>13:00-14:00</td>
<td>FE-3, FE-6</td>
<td>LUNCH</td>
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<tr>
<td>13:00-13:05</td>
<td>FE-5</td>
<td>Node2 Camcorder Reconfiguration</td>
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<tr>
<td>13:05-14:05</td>
<td>FE-2, FE-4, FE-5</td>
<td>LUNCH</td>
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<td>13:30-14:30</td>
<td>CDR</td>
<td>LUNCH</td>
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<tr>
<td>14:00-15:15</td>
<td>FE-6</td>
<td>MI. Core Removal</td>
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<tr>
<td>14:00-14:05</td>
<td>FE-3</td>
<td>ROBONAUT - Reconfigure Camcorder for Nominal Ops</td>
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<td>14:05-14:15</td>
<td>FE-5</td>
<td>Stow after Tonometry Test</td>
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<tr>
<td>14:05-14:45</td>
<td>FE-3</td>
<td>ROBONAUT - Hardware Disassembly</td>
</tr>
<tr>
<td>Time</td>
<td>Crew</td>
<td>Task Description</td>
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</tbody>
</table>
| 14:05-15:35  | FE-2, FE-4 | Gather EVA Equipment and Tools. Photography and Photo Downlink  
Tagup with specialists as necessary (S-band) |
| 14:15-14:55  | FE-5  | Gather [PCPA] Equipment                                                          |
Tagup with specialists (S-band) |
| 14:45-14:55  | FE-3  | R2 - Hardware Stowage                                                            |
| 14:55-15:55  | FE-5  | Pressure Control and Pump Assembly [PCPA] Remove and Replace in WRS2             |
| 15:15-15:45  | FE-6  | Marangoni Inside (MI) Interface Stow                                             |
| 15:20-15:25  | FE-3  | Photo/TV Camcorder Setup Verification                                           |
| 15:25-16:50  | FE-3  | ARED Exercise                                                                    |
| 15:35-16:05  | FE-2, FE-4 | Hand Ergometry Assesment. Tagup with specialists (VHF) / To= 15:44             |
| 15:45-15:50  | FE-6  | G1 - Closeout Ops                                                                |
| 15:50-16:00  | FE-6  | MI-MSPR. Close-out ops with work bench                                           |
| 16:05-17:05  | FE-2, FE-4 | Gather EVA Equipment and Tools. Photography and Photo Downlink  
Tagup with specialists as necessary (S-band) |
<p>| 16:05-17:05  | CDR   | VELO Exercise, Day 4                                                             |
| 16:40-16:50  | FE-6  | PAO Hardware Setup                                                               |
| 16:50-17:00  | FE-3, FE-6 | Crew Prep for PAO                                                               |
| 16:55-17:35  | FE-5  | Pressure Control and Pump Assembly Restow                                        |
| 17:00-17:20  | FE-3, FE-6 | PAO Event                                                                       |
| 17:05-17:35  | FE-4, FE-2 | Hand Ergometry. Tagup with specialists (VHF) / To= 17:20                      |
| 17:05-18:05  | CDR   | ТКГ 420 Transfers and IMS Updates                                                |
| 17:35-18:40  | FE-2  | БД-2 Exercise - Day 3                                                            |
| 17:35-18:25  | FE-4  | VELO Exercise, Day 3                                                             |
| 18:05-19:05  | FE-3  | CEVIS Exercise                                                                   |
| 18:10-18:25  | CDR   | Private Medical Conference (Ku + S-band)                                         |
| 18:20-18:25  | FE-5  | THC - Installation of non-potable water tank into LAB1P6 Rack                    |
| 18:20-19:00  | FE-6  | Evening Work Prep                                                                |
| 18:25-18:40  | FE-4  | Private Medical Conference (Ku + S-band)                                         |
| 18:25-18:45  | CDR   | IMS Update                                                                       |
| 18:40-19:05  | FE-4  | Evening Work Prep                                                                |
| 18:40-18:55  | FE-2  | Private Medical Conference (Ku + S-band)                                         |
| 18:45-19:05  | CDR, FE-5 | Evening Work Prep                                                               |
| 18:55-19:05  | FE-2  | CASKAD. Manual Mixing in Bioreactor                                             |
| 19:00-19:05  | FE-6  | RWS - Video Downlink                                                             |
| 19:05-19:30  | CDR, FE-2, FE-3, FE-4 | Daily Planning Conference (S-band)                                            |
| 19:30-21:30  | FE-6  | Pre-sleep                                                                         |
| 19:30-21:20  | FE-6  | Pre-sleep                                                                         |</p>
<table>
<thead>
<tr>
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<th>Activity</th>
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<td>FE-6</td>
<td>Reaction Self Test</td>
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<tr>
<td>21:25-21:30</td>
<td>FE-5</td>
<td>Reaction Self Test</td>
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<tr>
<td>21:25-21:30</td>
<td>FE-6</td>
<td>REMINDER - PFE - Reading Reminder</td>
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<td>21:30-06:00</td>
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<td>SLEEP</td>
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</tbody>
</table>

**Task List**

- CDR, FE-2, FE-4

- Preparation of reports for Roskosmos site

**Notes:**
1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC**
2. See OSTPV 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
5. Data uplink/downlink dropouts are possible in S-band, Ku-band at **18:00 - 18:30**

End of Radiogram