## Radiogram No. 1265u Form 24 for 01/16/2013 Single-Burn Reboost (Using 8 ДПО ТКГ 417 Thrusters and US Accelerometers)

| TIME        | CREW                          | ACTIVITY   |
|-------------|-------------------------------|--|
| 06:00-06:10 | CDR, FE-5, FE-<br>6           | Morning Inspection   |
| 06:00-06:10 | FE-1                          | Morning Inspection. Reboot Laptop RS2(1) RSS2 Reboot   |
| 06:00-06:10 | FE-2                          | IMMUNO. Saliva Sample (Session 1)  |
| 06:00-06:10 | FE-4                          | Morning Inspection.<br>SM ΠCC (Caution & Warning Panel) Test   |
| 06:10-06:20 | FE-1                          | Post-sleep   |
| 06:10-06:20 | FE-2                          | IMMUNO. First stress test, questionnaire data entry  |
| 06:10-06:40 | CDR, <b>FE-4</b> , FE-5, FE-6 | Post-sleep   |
| 06:20-06:35 | FE-1                          | IMMUNO. Assistance in the Experiment   |
| 06:20-06:35 | FE-2                          | IMMUNO. Venous blood collection  |
| 06:35-06:50 | FE-1                          | IMMUNO. Venous blood sample processing using Plazma-03 centrifuge  |
| 06:35-06:55 | FE-2                          | IMMUNO. Venous blood sample processing (smear)   |
| 06:40-07:30 | <b>FE-4,</b> FE-5, FE-6       | BREAKFAST  |
| 06:40-06:55 | CDR                           | BREAKFAST  |
| 06:50-06:55 | FE-1                          | IMMUNO. Equipment handover for MELFI Insertion   |
| 06:55-07:05 | CDR                           | IMMUNO - Blood Sample Insertion into MELFI   |
| 06:55-07:10 | FE-1                          | Post-sleep   |
| 06:55-07:00 | FE-2                          | IMMUNO. Equipment Stowage  |
| 07:00-07:20 | FE-2                          | Post-sleep   |
| 07:05-07:30 | CDR                           | BREAKFAST  |
| 07:10-07:45 | FE-1                          | BREAKFAST  |
| 07:20-07:45 | FE-2                          | BREAKFAST  |
| 07:30-07:45 | CDR, FE-5                     | Work Prep  |
| 07:30-07:40 | FE-6                          | CIRCADIAN RHYTHMS - Hardware Dismantling   |
| 07:35-07:45 | FE-4                          | Work Prep  |
| 07:45-08:10 |                               | Daily Planning Conference (S-band)   |
| 08:10-11:45 | FE-1                          | Repairs of SM Interior Panel 130 by Installing Overlay Plates - Day 1. Tagup with specialists (S-band)               |
| 08:10-08:25 | FE-2                          | Work Prep  |
| 08:10-09:00 | FE-4                          | Fialka Hardware health check   |
| 08:10-13:10 | FE-5                          | Assistance with LAB1D1 rack rotation   |
| 08:10-08:40 | FE-6                          | Assistance with LAB1D2 rack rotation   |
| 08:15-10:00 | CDR                           | Install a sensor kit of the UBNT behind the LAB1D2 Rack  |
| 08:25-09:55 | FE-2                          | Repairs of SM Interior Panel 130 by Installing Overlay Plates – Day 1 (assistance).  Tagup with specialists (S-band) |
| 08:40-08:50 | FE-6                          | WRS Water Sample Analysis  |
| 08:55-09:55 | FE-6                          | Assistance with LAB1D2 rack rotation   |

| 09:00-10:10 | FE-4                    | Physical Exercise (ARED)   |
|-------------|-------------------------|--|
| 09:55-10:10 | FE-2                    | VELIKOE NACHALO. Preparation for the experiment. <i>Tagup with specialists</i> (S-band)          |
| 09:55-10:30 | FE-6                    | WRS Sample Collection  |
| 10:00-11:35 | CDR                     | Install a sensor kit of the UBNT behind the LAB1D4 Rack  |
| 10:10-11:10 | FE-2, FE-4              | VELIKOE NACHALO. Preparation for PAO. Tagup with specialists as necessary (S-band)               |
| 10:30-11:00 | FE-6                    | Assistance with LAB1D2 rack rotation   |
| 11:00-11:05 | FE-6                    | TOCA WPA - Data Recording  |
| 11:05-11:15 | FE-6                    | TOCA Potable Water Dispenser (PWD) Sample Analysis   |
| 11:10-11:30 | FE-2                    | VELIKOE NACHALO. Closeout Ops. Tagup with specialists (S-band)                                   |
| 11:10-12:10 | FE-4                    | Life On The Station Photo and Video  |
| 11:15-11:25 | FE-6                    | EHS Air Quality Monitoring (AQM) Start   |
| 11:35-11:45 | CDR                     | MELFI - Equipment Stow   |
| 11:45-13:15 | CDR                     | Physical Exercise (ARED)   |
| 11:45-12:15 | FE-6                    | Assistance with LAB1D2 rack rotation   |
| 12:15-13:15 | FE-2                    | Physical Exercise (VELO), Day 3  |
| 12:15-12:50 | FE-6                    | WMK In-Flight Water Processing   |
| 12:35-13:15 | FE-4                    | СОЖ Maintenance  |
| 12:50-12:55 | FE-6                    | PROK - Kit Unstow  |
| 12:55-13:10 | FE-6                    | JRNL - Journal entry   |
| 13:15-14:15 |                         | LUNCH  |
| 14:15-15:00 |                         | Integrated Emergency response training. Tagup with specialists (S-band)                          |
| 15:00-15:10 |                         | Integrated Emergency response training (Debrief)   |
| 15:10-15:30 | CDR, <b>FE-1, FE- 2</b> | TK 707 Kazbek Fit Check  |
| 15:10-16:25 | FE-5                    | Physical Exercise (ARED)   |
| 15:10-15:20 | FE-6                    | Food Frequency Questionnaire   |
| 15:25-16:25 | FE-4                    | SM ΠΦ1-4 Dust Filter Cartridge Replacement (ΦΓБ1ΠΓΟ_ 2_226_1 bag 416-29. Reflect changes in IMS) |
| 15:25-16:25 | FE-6                    | Physical Exercise (CEVIS)  |
| 15:30-15:45 | CDR                     | Private Medical Conference   |
| 15:30-16:25 | FE-1                    | Physical Exercise T2   |
| 15:30-16:10 | FE-2                    | Microbial Air Sampling (sample collection)   |
| 15:45-16:15 | CDR                     | BCATC1 - Payload Review  |
| 16:20-16:25 | CDR                     | ELITE - Hardware Activation  |
| 16:25-16:40 |                         | Emergency response training conference (S-band)  |
| 16:40-16:50 | CDR                     | USOS Window Shutter Close  |
| 16:40-17:00 | FE-1                    | Evening Work Prep  |
| 16:40-17:05 | FE-2                    | Evening Work Prep  |
| 16:40-17:00 | FE-4                    | IMS Update   |
| 16:40-17:55 | FE-5                    | Physical Exercise T 2  |
| 16:40-16:45 | FE-6                    | EHS - Air Quality Monitor (AQM) End  |
| 16:45-18:15 | FE-6                    | Physical Exercise (ARED)   |

| 16:55-17:55 | CDR                                       | Physical Exercise (CEVIS)   |
|-------------|---|---|
| 17:00-17:05 | FE-1                                      | PAO Hardware Setup  |
| 17:05-17:15 | FE-1, FE-2, FE-<br>4                      | Crew Prep for PAO   |
| 17:15-17:35 | FE-1, FE-2, FE-<br>4                      | ISS-MCC-M TV. TV Greetings (Ku + S -band)                             |
| 17:35-17:55 | FE-1                                      | ISS-MCC-M TV. TV Greetings to residents of Minsk Region (Ku + S-band) |
| 17:35-17:45 | FE-2                                      | IMMUNO. Saliva Sample (Session 2)                                     |
| 17:35-18:00 | FE-4                                      | Evening Work Prep   |
| 17:45-17:55 | FE-2                                      | IMMUNO. Second stress test, questionnaire data entry                  |
| 17:55-18:10 | CDR                                       | Private Psychological Conference                                      |
| 17:55-18:00 | FE-2                                      | IMMUNO. Final Equipment Stowage                                       |
| 17:55-18:25 | FE-5                                      | ISERV - Photo Review and Video Downlink                               |
| 18:00-19:10 | FE-2                                      | Physical Exercise T2  |
| 18:00-19:05 | FE-4                                      | Physical Exercise (VELO), Day 3                                       |
| 18:10-18:35 | CDR                                       | Cleaning Potable Water Dispenser.                                     |
| 18:15-19:10 | FE-1                                      | Physical Exercise (ARED)  |
| 18:15-18:25 | FE-6                                      | TOCA 2 Data Recording   |
| 18:25-18:35 | FE-6                                      | TOCA Waste Water Bag (WWB) Changeout                                  |
| 18:40-19:10 | CDR, FE-5, FE-                            | Evening Work Prep   |
| 19:10-19:30 |   | Daily Planning Conference (S-band)                                    |
| 19:30-21:30 | <b>FE-1, FE-2, FE-</b><br><b>4</b> , FE-5 | Pre-sleep   |
| 19:30-21:25 | FE-6                                      | Pre-sleep   |
| 19:30-19:40 | CDR                                       | ELITE - Closeout Ops  |
| 19:40-19:45 | CDR                                       | P/TV Playback Start   |
| 19:45-21:25 | CDR                                       | Pre-sleep   |
| 21:25-21:30 | CDR                                       | P/TV Playback Stop  |
| 21:25-21:30 | FE-6                                      | REMINDER - Reading Reminder   |
| 21:30-06:00 |   | SLEEP   |
|             |   | Preparation of reports for Roskosmos site                             |
| Task List   | FE-1, FE-2, FE-<br>4                      | URAGAN Observations and Photography                                   |
|             |   | ECON-M. Observations and Photography                                  |

- SM Window #9 shutter opening is at crew discretion w/ Report to MCC
   See OSTP for references to US activities.
   Pre-sleep ops: daily food prep, dinner, pre-sleep
   Russian crew uses US exercise equipment strictly per F24 or OSTPV
   06:00 13:00 No T2 exercise is allowed