## Form 24 for 02/13/2013

## Radiogram No. 1522u **TKΓ 418 (DC1) TRANSFERS**

| TIME        | CREW                             | ACTIVITY  |
|-------------|----------------------------------|---|
| 06:00-06:05 | FE-5                             | Reaction Self Test  |
| 06:00-07:00 | FE-2                             | SPRUT-2. Experiment Ops. Tagup with specialists (S-band)              |
| 06:00-06:10 | FE-4                             | Morning Inspection. RSS2 Reboot SM ΠCC (Caution & Warning Panel) Test |
| 06:00-06:05 | CDR                              | Reaction Self Test  |
| 06:00-06:10 | FE-1                             | Morning Inspection. Reboot Laptop RS2(1)                              |
| 06:00-06:05 | FE-6                             | Reaction Self Test  |
| 06:05-06:10 | FE-5, FE-6,<br>CDR               | Morning Inspection  |
| 06:10-06:40 | CDR, <b>FE-4</b> ,<br>FE-5, FE-6 | Post-sleep  |
| 06:10-06:20 | FE-1                             | Post-sleep  |
| 06:20-06:40 | FE-1                             | SPRUT-2. Photography of the Experiment Ops                            |
| 06:40-07:30 | CDR, <b>FE-4</b> ,<br>FE-5, FE-6 | BREAKFAST   |
| 06:40-07:00 | FE-1                             | Post-sleep  |
| 07:00-07:50 | FE-1                             | BREAKFAST   |
| 07:00-07:30 | FE-2                             | Post-sleep  |
| 07:30-08:05 | FE-2                             | BREAKFAST   |
| 07:30-07:50 | <b>FE-4</b> , FE-5, FE-6         | Work Prep   |
| 07:30-07:50 | CDR                              | Work Prep   |
| 07:50-08:05 | CDR                              | JRNL - Journal Entry  |
| 07:50-07:55 | FE-5                             | PROK - Kit Unstow   |
| 08:05-08:30 |                                  | Daily Planning Conference (S-band)                                    |
| 08:30-08:55 | FE-2                             | BREAKFAST   |
| 08:30-08:40 | FE-5                             | MSG - Visual Inspection of Equipment                                  |
| 08:30-08:50 | FE-1                             | Work Prep   |
| 08:35-08:45 | FE-6                             | CIR Video Setup   |
| 08:40-09:55 | FE-5                             | BCATC1 - Setup and Photography of Samples                             |
| 08:40-09:40 | CDR                              | IMS - Node 3 Stowage Removal  |
| 08:45-08:55 | FE-6                             | Combustion Integrated Rack (CIR) Rack Door and Temperature Check      |
| 08:55-09:25 | FE-6                             | CIR - Hardware Removal and Relocation                                 |
| 08:55-09:15 | FE-2                             | Work Prep   |
| 09:00-09:30 | FE-4                             | Relocation of ATV control panel to TORU Control Panel                 |
| 09:25-09:55 | FE-6                             | CIR - Hardware Removal and Relocation                                 |
| 09:30-11:00 | FE-4                             | Physical Exercise (VELO), Day 3                                       |

| 09:40-10:10 | CDR                 | ITCS-FSS – Coolant Transfer   |
|-------------|---------------------|---|
| 09:45-11:15 | FE-1                | FGB Power Supply System (СЭС) АБ3 module БУПТ-2 Replacement.<br>Tagup with specialists (S-band)                     |
| 09:55-10:50 | FE-5                | INSP3 - Start experiment ops  |
| 09:55-10:05 | FE-6                | CIR Rack Doors Close  |
| 10:00-11:00 | FE-2                | Physical Exercise (T2) Day 3  |
| 10:05-10:15 | FE-6                | Combustion Integrated Rack (CIR) Alignment Guide Removal  |
| 10:10-10:50 | CDR                 | ITCS-FSS - Procedure Review   |
| 10:15-10:50 | FE-6                | EHS MCD Water Processing  |
| 10:50-11:35 | CDR                 | ITCS-FSS -Node3 Refill  |
| 10:50-11:50 | FE-6                | Physical Exercise (CEVIS)   |
| 10:50-11:50 | FE-5                | Dragon Pre-pack   |
| 11:00-12:45 | FE-2, FE-4          | Progress 418 Transfers and IMS Ops  |
| 11:15-12:45 | FE-1                | Physical Exercise (VELO), Day 1   |
| 11:35-11:55 | CDR                 | ITCS-FSS - Transfer   |
| 11:50-12:50 | FE-5                | Physical Exercise (CEVIS)   |
| 11:55-13:25 | FE-6                | Physical Exercise (ARED)  |
| 11:55-12:55 | CDR                 | Physical Exercise T2  |
| 12:45-13:45 | FE-4, FE-2,<br>FE-1 | LUNCH   |
| 12:50-13:15 | FE-5                | INSP3- Closeout Ops   |
| 12:55-13:55 | CDR                 | LUNCH   |
| 13:15-14:15 | FE-5                | LUNCH   |
| 13:25-14:25 | FE-6                | LUNCH   |
| 13:45-15:30 | FE-1                | CMOK set replacement – prep   |
| 13:45-15:45 | FE-2                | TI/E 440 Transfers and IMC One  |
| 13:45-15:40 | FE-4                | TKΓ 418 Transfers and IMS Ops   |
| 13:55-14:10 | CDR                 | Private Psychological Conference  |
| 14:10-14:25 | CDR                 | Private Medical Conference  |
| 14:15-15:10 | FE-5                | INSP3 - Start experiment ops  |
| 14:25-15:55 | FE-6, CDR           | OBT - Dragon Rendezvous and Docking Review  |
| 15:25-15:55 | FE-5                | OBT - Dragon Rendezvous and Docking Review  |
| 15:35-16:25 | FE-1                | Replacing filters in FGB ΠC1, ΠC2 Dust Collectors (ΦΓБ1ΠΓΟ_2_226_1, bag 407-23 (00050997R)). Reflect changes in IMS |
| 15:40-16:40 | FE-4                | Physical Exercise (T2) Day 3  |
| 15:45-17:15 | FE-2                | Physical Exercise (VELO), Day 3   |
| 15:55-17:25 | FE-5                | Physical Exercise (ARED)  |
| 15:55-16:25 | FE-6, CDR           | OBT – Dragon Robotics Procedure Review  |
| 16:25-16:40 | FE-1                | ИП-1 Flow Sensor Position Verification  |
| 16:25-16:55 | CDR, FE-6           | OBT - Dragon Rendezvous and Docking procedure Conference  |

| 16:40-17:20 | FE-4  | IDENTIFICATION. Сору ИМУ-Ц micro-accelerometer data to laptop                    |
|-------------|---|--|
| 16:40-17:40 | FE-1  | Physical Exercise (T2) Day 1   |
| 16:55-17:10 | FE-6  | Columbus cargo transfers   |
| 16:55-17:05 | CDR   | HMS Defibrillator Inspection   |
| 17:05-17:15 | CDR   | CWC Audit  |
| 17:10-18:10 | FE-6  | Dragon Pre-pack  |
| 17:15-17:45 | FE-2  | SEINER Ocean Observations  |
| 17:15-17:20 | CDR   | Closing LAB window shutter   |
| 17:20-17:30 | CDR   | Evening Work Prep  |
| 17:25-17:50 | FE-5  | INSP3- Closeout Ops  |
| 17:30-18:55 | CDR   | Physical Exercise (ARED)   |
| 17:40-18:20 | FE-1  | Filling (separation) EDV (KOV) for Elektron <i>from CWC No. 1029, 1053, 1091</i> |
| 17:40-18:00 | FE-4  | IMS Update   |
| 17:45-18:35 | FE-2  | Download Pille Dosimeter Readings  |
| 17:50-18:20 | FE-5  | BCATC1 - Photography Software Installation                                       |
| 18:00-18:40 | FE-4  | Evening Work Prep  |
| 18:10-18:35 | FE-6  | IPU VRU Hard Disk Exchange   |
| 18:20-18:55 | FE-1  | СОЖ Maintenance  |
| 18:20-18:30 | FE-5  | BCATC1 - Intervalometer Change   |
| 18:30-18:45 | FE-5  | Private Medical Conference   |
| 18:35-18:55 | <b>FE-2</b> , FE-6                                  | Evening Work Prep  |
| 18:40-18:55 | FE-4  | BAR Pyren Charging Start   |
| 18:45-18:55 | FE-5  | MSG - Power Down   |
| 18:55-19:20 |   | Daily Planning Conference (S-band)   |
| 19:20-19:30 | CDR, <b>FE-1</b> , <b>FE-2</b> , <b>FE-4</b> , FE-6 | Evening Work Prep  |
| 19:20-19:40 | FE-5  | Pre-sleep  |
| 19:30-19:35 | CDR   | P/TV Playback Start  |
| 19:30-21:30 | FE-1, FE-2,<br>FE-4                                 | Pre-sleep  |
| 19:30-21:20 | FE-6  | Pre-sleep  |
| 19:35-21:15 | CDR   | Pre-sleep  |
| 19:40-20:00 | FE-5  | ISS - HAM radio session from Columbus  |
| 20:00-21:15 | FE-5  | Pre-sleep  |
| 21:15-21:20 | CDR   | BCAT Reminder  |
| 21:15-21:20 | FE-5  | REMINDER. Review   |
| 21:20-21:25 | CDR   | Reaction Self Test   |
| 21:20-21:25 | FE-5  | BCAT Reminder  |
| 21:20-21:25 | FE-6  | BCAT Reminder  |

| 21:25-21:30 | CDR                 | P/TV Playback Stop                        |
|-------------|---------------------|---|
| 21:25-21:30 | FE-5, FE-6          | Reaction Self Test                        |
| 21:30-06:00 |                     | SLEEP                                     |
| Task List   | FE-1, FE-2,<br>FE-4 | ECON-M. Observations and Photography      |
|             |                     | URAGAN Observations and Photography       |
|             |                     | Preparation of reports for Roskosmos site |

## Notes:

- SM Window #9 shutter opening is at crew discretion w/ Report to MCC
   See OSTP 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 End of Radiogram