## Form 24 for 06/20/2013

## Radiogram No. 2659u Suited Exercise for Emergency ΠxO Ingress

| TIME        | CREW  | ACTIVITY  |
|-------------|---|---|
| 06:00-06:10 | CDR   | Morning Inspection. Laptop RS2(1) Reboot                            |
| 06:00-06:10 | FE-2  | Morning Inspection. RSS1, RSS2 Reboot                               |
| 06:00-06:10 | FE-3  | Morning Inspection  |
| 06:00-06:10 | FE-4  | Morning Inspection. SM ΠCC (Caution & Warning Panel) Test           |
| 06:00-06:05 | FE-5  | PROK. Urine PH Test   |
| 06:00-06:05 | FE-6  | PRO K Urine PH Test   |
| 06:05-06:10 | FE-6  | Morning Inspection  |
| 06:05-06:25 | FE-5  | HRF Urine Sample Collection   |
| 06:10-06:40 | CDR, FE-2,<br>FE-3, FE-4,<br>FE-6                         | Post-sleep  |
| 06:25-06:30 | FE-5  | HRF - Urine Sample MELFI Insertion                                  |
| 06:30-06:40 | FE-5  | Morning Inspection  |
| 06:40-07:15 | FE-5  | Post-sleep  |
| 06:40-07:15 | CDR, FE-2,<br>FE-3, FE-4,<br>FE-6                         | BREAKFAST   |
| 07:15-07:40 |   | Daily Planning Conference (S-band)                                  |
| 07:40-08:30 | FE-5  | BREAKFAST   |
| 07:40-07:55 | <b>CDR</b> , <b>FE-2</b> ,<br>FE-3, <b>FE-4</b> ,<br>FE-6 | BREAKFAST   |
| 07:55-08:05 | FE-4  | Work Prep   |
| 07:55-08:15 | <b>CDR</b> , <b>FE-2</b> , FE-3, FE-6                     | Work Prep   |
| 08:05-08:15 | FE-4  | URAGAN. Photo Spectrum System Battery Charge (start)                |
| 08:15-08:30 | CDR, FE-4   | IMS Tagup (S-band)  |
| 08:15-08:25 | FE-3  | CIR - Hardware Setup  |
| 08:15-08:25 | FE-6  | USND2. Hardware Activation  |
| 08:30-08:50 | FE-5  | ESA Weekly Crew Conference  |
| 08:30-08:45 | FE-2, FE-4  | Configure TxO prior for Pressurized Orlan Suit Translation Training |
| 08:45-10:15 | FE-2, FE-4  | Transfer of two Pressurized Orlan Suits to ΠxO                      |
| 08:50-09:10 | FE-5  | Work Prep   |
| 09:05-10:15 | CDR   | Assistance in Transfer of two Pressurized Orlan Suits to ΠxO        |
| 09:10-10:40 | FE-3  | Physical Exercise (ARED)  |
| 09:15-11:15 | FE-6  | SPINAL. Scanning Ops  |
| 09:25-09:45 | FE-5  | HRF Urine Sample Collection   |
| 09:45-09:50 | FE-5  | HRF - Sample Insertion into MELFI                                   |
| 10:15-11:00 | CDR   | TKΓ 418 (DC1) Activation  |

| 10:15-10:30 | FE-2, FE-4 | Configuring ΠxO to Initial State after EVA Training   |
|-------------|------------|---|
| 10:30-10:45 | FE-2, FE-4 | Orlan-MK Drink Bag Refill and Install   |
| 10:40-10:45 | FE-3       | SPINAL - Scan Photo   |
| 10:45-11:45 | FE-3       | SODF Deploy   |
| 10:45-11:45 | FE-2       | Installation of Portable Repress Tank (БНП) <b>No. 3 п.1</b> <i>(001473R, МИМ2_Пт_302)</i> in [PO] prior to EVA         |
| 10:50-11:55 | FE-4       | URAGAN. Observation and Photography using Photo Spectral System (ΦCC). <i>Tagup with specialists (S-band, VHF)</i>      |
| 11:00-11:20 | CDR        | DC1-ΤΚΓ Hatch Closure   |
| 11:15-12:45 | FE-5       | Physical Exercise T2  |
| 11:20-12:20 | CDR        | DC1-CY and CY-TΓK Hatch Leak Check  |
| 11:45-12:00 | FE-3       | EXPRS3 - Load Application and Configure Laptop for the Experiment   |
| 11:45-12:00 | FE-3       | MERLIN3. Application Load   |
| 11:45-13:05 | FE-2       | БД-2 Exercise - Day 4   |
| 11:55-13:25 | FE-4       | Physical Exercise (ARED)  |
| 12:00-12:10 | FE-3       | BCAT - Camera Battery Changeout   |
| 12:10-12:25 | FE-6       | HRF. Ultrasound 2 HRF Rack 1 Power Off and Stow .   |
| 12:20-13:20 | CDR        | Physical Exercise (VELO), Day 1   |
| 12:25-12:40 | FE-3       | IMS and Stowage Conference  |
| 12:25-12:50 | FE-6       | Columbus Front Deck Rack Front Restow   |
| 12:40-12:55 | FE-3       | ABRS - Application Load   |
| 12:45-13:45 | FE-5       | LUNCH   |
| 12:50-13:50 | FE-6       | LUNCH   |
| 12:55-13:55 | FE-3       | LUNCH   |
| 13:05-14:05 | FE-2       | LUNCH   |
| 13:20-14:20 | CDR        | LUNCH   |
| 13:25-14:25 | FE-4       | LUNCH   |
| 13:45-13:50 | FE-5       | PROK. Diet Logging  |
| 13:50-14:00 | FE-6       | PROK. Diet Logging First Time   |
| 13:50-14:10 | FE-5       | BLR48. Media Card Exchange  |
| 13:55-15:50 | FE-3       | ATV Cargo Operations  |
| 14:00-15:50 | FE-6       | ATV Cargo Operations  |
| 14:05-14:15 | FE-2       | Installation of additional portable repress tank (БНП) <b>No. 17 (00056724R)</b> in DC1                                 |
| 14:10-15:50 | FE-5       | ATV Cargo Operations  |
| 14:15-15:15 | FE-2       | CKΠΦ1, CKΠΦ2 Dust Filter Replacement and MRM1 ΓЖΤ Cleaning (ΦΓБ1ΠΓΟ_2_226_1, bag 10 (00060210R) Reflect changes in IMS) |
| 14:20-15:30 | CDR        | Replacement of ACУ Control Panel ПУ-1. Tagup with specialists (S-band)  |
| 14:25-15:25 | FE-4       | B3 Fan Screen Cleaning in DC1   |
| 15:15-15:40 | FE-2       | Crew Medical Officer (CMO) Proficiency Training   |
| 15:25-15:40 | FE-4       | EVA Medical Kit Configuration   |

| 15:30-15:40 | CDR                 | On MCC Go Demating БИТС2-12 telemetry connectors. <i>Tagup with specialists</i> (S-band)  |
|-------------|---------------------|---|
| 15:40-16:30 | CDR                 | Replacement of ACУ Control Panel ПУ-1. Tagup with specialists (S-band)  |
| 15:40-16:20 | FE-2                | Microbial Sample Collection   |
| 15:50-16:50 | FE-4                | БД-2 Exercise - Day 4   |
| 15:50-16:00 | FE-3, FE-5,<br>FE-6 | ATV - prep for Transfer Tagup   |
| 16:00-17:00 | FE-6                | Physical Exercise T2  |
| 16:00-16:20 | FE-5                | HRF Urine Sample Collection   |
| 16:20-16:25 | FE-5                | HRF - Sample Insertion into MELFI   |
| 16:20-16:40 | FE-2                | MO-21 Prep. ECOSPHERA Battery Charge  |
| 16:25-16:35 | FE-5                | ATV Transfer Tagup  |
| 16:30-16:50 | CDR                 | IMS Update  |
| 16:35-16:45 | FE-5                | HRF - Hardware Setup  |
| 16:40-17:05 | FE-2                | Evening Work Prep   |
| 16:50-17:40 | FE-4                | Replacement of Dust Collector filters ΠΦ1, ΠΦ2 (ΦΓ51ΠΓΟ_2_226_1, bag 10 (00060210R) Update IMS) and B1, B2 Fan Screen Cleaning in DC1 |
| 16:50-18:20 | CDR                 | БД-2 Exercise - Day 1   |
| 17:00-18:30 | FE-6                | Physical Exercise (ARED)  |
| 17:05-18:05 | FE-2                | Physical Exercise (VELO), Day 4   |
| 17:10-18:10 | FE-5                | Physical Exercise (CEVIS)   |
| 17:15-18:15 | FE-3                | Physical Exercise T2  |
| 17:40-18:20 | FE-4                | Cleaning ВД1 and ВД2 Air Ducts in DC-1  |
| 18:05-18:45 | FE-2                | СОЖ Maintenance   |
| 18:10-18:30 | FE-5                | HRF Urine Sample Collection   |
| 18:15-18:45 | FE-3                | Evening Work Prep   |
| 18:20-18:45 | CDR, FE-4           | Evening Work Prep   |
| 18:30-18:45 | FE-6                | Evening Work Prep   |
| 18:30-18:35 | FE-5                | HRF - Sample Insertion into MELFI   |
| 18:35-18:45 | FE-5                | ATV - Post-Activity Photo   |
| 18:45-19:10 |                     | Daily Planning Conference (S-band)  |
| 19:10-19:30 |                     | Evening Work Prep   |
| 19:30-21:30 | CDR, FE-2,<br>FE-4  | Pre-sleep   |
| 19:30-21:20 | FE-5                | Pre-sleep   |
| 19:30-21:25 | FE-3, FE-6          | Pre-sleep   |
| 21:20-21:25 | FE-5                | Reading REMINDER  |
| 21:25-21:30 | FE-3, FE-5,<br>FE-6 | BCAT Reminder   |
| 21:30-06:00 |                     | SLEEP   |
| Task List   | CDR, FE-2,          | URAGAN Observations and Photography   |

| FE-4 | ECON-M. Observations and Photography      |
|------|---|
|      | 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: Dinner, Daily food prep, pre-sleep)
- 4. Russian crew uses US exercise equipment strictly per F24 or OSTPV
- 5. Do not use ISS RS windows at 12:45-13:00 and 17:35-17:50
- 6. Tagups with specialists are scheduled (S-band, VHF) during all Orlan suited exercise for emergency  $\Pi x O$  ingress activities

End of Radiogram