

Radiogram No. 5555u

Form 24 for 05/08/2014

**TK 711 Descent OBT.LBNP Exercise**

| TIME        | CREW                               | ACTIVITY  |
|-------------|------------------------------------|---|
| 06:00-06:10 | <b>FE-4</b>                        | Morning Inspection. RSS1,2 Reboot   |
| 06:00-06:05 | FE-3                               | Reading REMINDER  |
| 06:00-06:10 | FE-5                               | USOS Window Shutter Close   |
| 06:00-06:10 | CDR                                | Morning Inspection  |
| 06:00-06:10 | <b>FE-1</b>                        | Morning Inspection. SM ПСС (Caution & Warning Panel) Test                                   |
| 06:00-06:10 | <b>FE-2</b>                        | Morning Inspection. Laptop RS1(2) Reboot  |
| 06:05-06:20 | FE-3                               | HRF - Sample collection in preparation for cold stowage insertion.                          |
| 06:10-06:40 | CDR, <b>FE-1, FE-2, FE-4, FE-5</b> | Post-sleep  |
| 06:20-06:25 | FE-3                               | HRF - MELFI Sample Insertion  |
| 06:25-06:55 | FE-3                               | Post-sleep  |
| 06:40-07:25 | CDR, <b>FE-4, FE-5</b>             | BREAKFAST   |
| 06:40-07:30 | <b>FE-1, FE-2</b>                  | BREAKFAST   |
| 06:55-07:30 | FE-3                               | BREAKFAST   |
| 07:25-07:30 | CDR                                | PETRI - Turning Lights On   |
| 07:25-08:25 | <b>FE-4, FE-5</b>                  | TK 711 СУДН No. 2 Test Before Undocking   |
| 07:30-07:55 | CDR, <b>FE-1, FE-2, FE-3</b>       | Daily Planning Conference ( <i>S-band</i> )   |
| 07:55-08:05 | FE-3                               | Work Prep   |
| 07:55-08:40 | <b>FE-2</b>                        | MEMBRANA. Experiment Setup with Kit No. 1 ( <i>Activate Mode 2 Tagup with specialists</i> ) |
| 07:55-10:05 | <b>FE-1</b>                        | SM Ventilation System Preventive Maintenance. Group C                                       |
| 07:55-08:55 | CDR                                | WHC Fill  |
| 08:05-08:25 | FE-3                               | FIR Door Opening  |
| 08:25-08:35 | FE-3                               | LMM - Light Microscopy Module Rotation  |
| 08:25-08:45 | FE-5                               | Work Prep   |
| 08:25-08:40 | <b>FE-4</b>                        | TK 711 ACY Activation   |
| 08:35-08:50 | FE-3                               | PETRI - Checking Petri Plates   |
| 08:40-08:45 | <b>FE-2</b>                        | MEMBRANA. Mode 2 Activation (Experiment start)  |
| 08:50-09:45 | <b>FE-4, FE-2 - assists</b>        | LBNP Exercise (PRELIMINARY) / <i>Tagup with specialists</i>                                 |
| 08:50-09:45 | FE-3                               | LMM - Installation of Petri plates in LMM AFC   |
| 08:55-09:55 | CDR                                | T2 Exercise   |
| 09:15-09:30 | FE-5                               | Private Medical Conference  |
| 09:45-10:05 | <b>FE-2, FE-4</b>                  | Work Prep   |
| 09:45-09:55 | FE-3                               | LMM - Light Microscopy Module Rotation  |
| 09:55-10:55 | FE-5                               | T2 Exercise   |
| 09:55-10:10 | FE-3                               | FIR - Door closure  |
| 09:55-10:05 | CDR                                | CSPN - G1 Camcorder Installation  |
| 10:05-11:35 | <b>FE-1, FE-2</b>                  | Installing and Connecting EKTS Antenna Feeder Cables. <i>Tagup with specialists</i>         |
| 10:05-10:30 | <b>FE-4</b>                        | MATRYOSHKA-R. Pre-pack BUBBLE-dosimeter memory card and Tritel I/F unit                     |

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|             |                         | for return. <i>Tagup with specialists</i>   |
| 10:05-10:30 | CDR                     | CSPN – Introduction   |
| 10:10-10:40 | FE-3                    | VEGGIE - Hardware Checkout  |
| 10:30-11:30 | <b>FE-4</b>             | Crew Departure Prep   |
| 10:30-10:35 | CDR                     | G1 Closeout Ops.  |
| 10:40-10:45 | CDR                     | SHD - Weekly Questionnaire  |
| 10:45-11:00 | CDR                     | Private Medical Conference  |
| 10:55-12:25 | FE-5                    | ARED Exercise   |
| 11:00-11:20 | CDR                     | BLR48 - Memory Card Replacement.  |
| 11:20-12:20 | CDR                     | LUNCH   |
| 11:25-11:40 | FE-3                    | VEG - Maintenance Work Area (MWA) Preparation   |
| 11:35-12:15 | <b>FE-1</b>             | COX Maintenance   |
| 11:40-13:10 | FE-3                    | VEG - Experiment start  |
| 11:40-11:45 | <b>FE-2</b>             | MEMBRANE Deactivate Heating Mode  |
| 11:50-12:05 | <b>FE-4</b>             | TK 711 IRIDIUM Phone Charging - Setup, Initiate Charging                                    |
| 11:55-12:15 | <b>FE-2</b>             | <b>On MCC Go</b> Mating EKTS Antenna Feeder Cable connectors. <i>Tagup with specialists</i> |
| 12:15-12:35 | <b>FE-1</b>             | IMS Update  |
| 12:15-12:20 | <b>FE-4</b>             | TK 711 IRIDIUM Phone Charging - Battery Status Check  |
| 12:15-12:35 | <b>FE-2</b>             | Installing and Connecting EKTS Antenna Feeder Cables. <i>Tagup with specialists</i>         |
| 12:20-12:30 | <b>FE-4</b>             | TK 711 IRIDIUM Phone Charging - Terminate Charge  |
| 12:20-13:45 | CDR                     | CSPN - Sample prep  |
| 12:35-13:35 | <b>FE-1, FE-2, FE-4</b> | LUNCH   |
| 12:45-13:45 | FE-5                    | LUNCH   |
| 13:10-13:15 | FE-3                    | VEG - MELFI Water Sample Insertion  |
| 13:15-14:15 | FE-3                    | LUNCH   |
| 13:35-13:45 | <b>FE-1</b>             | TK 712 IRIDIUM Phone Charging - Initiate Charge   |
| 13:35-14:15 | <b>FE-2</b>             | Installing and Connecting EKTS Antenna Feeder Cables. <i>Tagup with specialists</i>         |
| 13:45-16:45 | CDR, <b>FE-4</b> , FE-5 | TK 711 Descent OBT. <i>Tagup with specialists</i>   |
| 13:55-14:00 | <b>FE-1</b>             | TK 712 IRIDIUM Phone Charging - Battery Status Check  |
| 14:00-14:15 | <b>FE-1</b>             | TK 712 IRIDIUM Phone Recharge, Terminate Charge, Teardown of the setup                      |
| 14:15-14:20 | FE-3                    | APEX - Sample Retrieval from GLACIER  |
| 14:15-14:35 | <b>FE-2</b>             | <b>On MCC Go</b> Mating EKTS Antenna Feeder Cable connectors. <i>Tagup with specialists</i> |
| 14:15-14:55 | <b>FE-1</b>             | Life On The Station Photo and Video   |
| 14:20-14:35 | FE-3                    | APEX - Sample Exchange  |
| 14:35-14:40 | FE-3                    | APEX - Sample Retrieval from GLACIER  |
| 14:35-14:55 | <b>FE-2</b>             | Installing and Connecting EKTS Antenna Feeder Cables. <i>Tagup with specialists</i>         |
| 14:40-14:45 | FE-3                    | APEX - Sample Insertion into MELFI  |
| 14:50-14:55 | FE-3                    | SHD - Weekly Questionnaire  |
| 14:55-15:05 | FE-3                    | Private conference with exercise specialist   |
| 15:05-16:35 | FE-3                    | ARED Exercise   |

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| 15:15-16:15      | <b>FE-1</b>                        | VELO Exercise, Day 1  |
| 15:25-16:45      | <b>FE-2</b>                        | БД-2 Exercise, Day 4  |
| 16:15-17:45      | <b>FE-1</b>                        | БД-2 Exercise, Day 1  |
| 16:35-16:45      | FE-3                               | PAO Hardware Setup  |
| 16:45-16:55      | FE-3, FE-5                         | Crew Prep for PAO   |
| 16:45-17:20      | CDR                                | EHS MCD Water Processing  |
| 16:45-17:45      | <b>FE-2</b>                        | VELO Exercise, Day4   |
| 16:55-17:15      | FE-3, FE-5                         | PAO Event   |
| 17:00-17:35      | <b>FE-4</b>                        | Evening Work Prep   |
| 17:15-18:05      | FE-3                               | T2 Exercise   |
| 17:20-18:50      | CDR                                | ARED Exercise   |
| 17:30-17:35      | FE-5                               | SHD - Weekly Questionnaire  |
| 17:35-17:45      | FE-5                               | EMCS - Experiment end   |
| 17:35-19:05      | <b>FE-4</b>                        | БД-2 Exercise, Day 4  |
| 17:45-18:05      | <b>FE-2</b>                        | MEMBRANA. Remove capsules from thermostat and stow. <i>Tagup with specialists</i> |
| 17:45-18:10      | FE-5                               | EMCS - Container Removal  |
| 17:45-18:05      | <b>FE-1</b>                        | Evening Work Prep   |
| 18:05-19:05      | <b>FE-1, FE-2, FE-3</b>            | Emergency Roles and Responsibilities Review                                       |
| 18:10-20:10      | FE-5                               | GRAVI2 - equipment deactivation and stowage                                       |
| 18:50-19:05      | CDR                                | Evening Work Prep   |
| 19:05-19:30      | CDR, <b>FE-1, FE-2, FE-3, FE-4</b> | Daily Planning Conference ( <i>S-band</i> )                                       |
| 19:30-21:25      | FE-3                               | Pre-sleep   |
| 19:30-21:30      | <b>FE-1, FE-2, FE-4</b>            | Pre-sleep   |
| 19:30-19:35      | CDR                                | PETRI - Turning lights off  |
| 19:35-21:30      | CDR                                | Pre-sleep   |
| 20:10-21:30      | FE-5                               | Pre-sleep   |
| 21:25-21:30      | FE-3                               | Reading REMINDER  |
| 21:30-06:00      |                                    | SLEEP   |
| <b>Task List</b> | <b>FE-1, FE-2, FE-4</b>            | Preparation of reports for Roscosmos site   |
|                  |                                    | ECON-M. Observations and Photography  |
|                  | <b>FE-1, FE-2</b>                  | URAGAN Observations and Photography   |

**Notes:**

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 OSTPV for references to US activities.
4. Russian crew uses US exercise equipment strictly per F24 or OSTPV