

Radiogram No. 3046u

Form 24 for 08/01/2013

**Refuel of FGB БНДГ(О) 2, 3. Activities with КЛ-108/109Ц**

TIME	CREW	ACTIVITY
06:00-06:05	FE-6	PROK - Urine Sample Collection
06:00-06:10	<b>FE-4</b>	Morning Inspection. RSS2 Reboot Visual Inspection of Circuit Breakers [A3C] on DC1 Power Switch Panel (ББП) and Fuses on DC1 Fuse Boxes БПП-30, БПП-36
06:00-06:10	FE-3	Morning Inspection
06:00-06:10	<b>CDR</b>	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:05	FE-5	PROK - Urine Sample Collection
06:00-06:10	<b>FE-2</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:05-06:25	FE-5	HRF Urine Sample Collection
06:05-06:10	FE-6	Reaction Self Test
06:10-06:40	<b>CDR, FE-2, FE-3, FE-4, FE-6</b>	Post-sleep
06:25-06:30	FE-5	HRF - Urine Sample MELFI Insertion
06:30-06:35	FE-5	Reaction Self Test
06:35-07:05	FE-5	Post-sleep
06:40-07:30	<b>CDR, FE-2, FE-3, FE-4, FE-6</b>	BREAKFAST
07:05-07:30	FE-5	BREAKFAST
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-08:05	<b>FE-2</b>	Work Prep
07:55-08:30	FE-5	BREAKFAST
07:55-08:15	<b>CDR, FE-3, FE-4</b>	Work Prep
07:55-09:25	FE-6	ARED Exercise
08:05-08:15	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
08:15-08:55	<b>FE-4</b>	ASEPTIC. Photo of Medium before the experiment
08:15-10:00	<b>CDR</b>	TKГ 420 Transfers and IMS Updates
08:15-10:15	FE-3	MSPR. Comm check
08:15-08:45	<b>FE-2</b>	Installation and Connection of КЛ-108/109Ц unit in SM. <i>Tagup with specialists (S-band)</i>
08:30-08:50	FE-5	Work Prep
08:45-08:55	<b>FE-2</b>	<b>On MCC Go</b> Mating КЛ-108/109Ц telemetry connector. <i>Tagup with specialists (S-band)</i>
08:50-09:00	FE-5	HD-VCA Activation in Columbus prior to BIOLAB R&R
08:55-09:45	<b>FE-2</b>	Installation and connection of КЛ-108/109Ц unit in SM (end) <i>Tagup with specialists (S-band)</i>

08:55-09:10	<b>FE-4</b>	ASEPTIC. Placement in GB
09:00-11:00	FE-5	BIOLAB. Handling Mechanism Drawer Troubleshooting
09:10-09:15	<b>FE-4</b>	ASEPTIC Box Sterilization Activation
09:15-09:45	<b>FE-4</b>	ASEPTIC Photo Edit and Downlink
09:25-09:35	FE-6	MSG - Visual inspection and activation
09:35-10:05	FE-6	Big Picture Overview
09:45-11:00	<b>FE-2</b>	ARED Exercise
10:00-10:30	<b>CDR</b>	Replacement of ИПК-1М Personal Protection Gear in MRM1
10:05-13:30	FE-6	INSPACE3 Hardware Setup
10:15-10:25	<b>FE-4</b>	ASEPTIC Repositioning Equipment in the Box
10:15-10:50	FE-3	EHS MCD Water Processing
10:25-11:25	<b>FE-4</b>	БД-2 Exercise - Day 2
10:30-11:00	<b>CDR</b>	Replacement of ИПК-1М Personal Protection Gear in MRM1
11:00-11:05	FE-5	HD-VCA Deactivation in Columbus after BIOLAB R&R
11:00-11:30	<b>CDR</b>	Replacement of ИПК-1М Personal Protection Gear in DC1 / r
11:00-13:00	<b>FE-2</b>	Replacement of ИПК-1М Personal Protection Gear in SM
11:05-12:25	FE-5	ARED Exercise
11:05-11:20	FE-3	INSP3. Setup digital camera and take still photos of hardware
11:25-11:30	<b>FE-4</b>	ASEPTIC Box Sterilization Deactivation
11:30-12:00	<b>FE-4</b>	ASEPTIC. Surface Sampling and Beginning of air sampling after cleaning
11:30-13:00	<b>CDR</b>	БД-2 Exercise - Day 3
12:00-13:00	<b>FE-4</b>	CALCIUM. Bioecologia cases photography and deployment. <i>Tagup with specialists (S-band)</i>
12:25-12:35	FE-5	Private conference with physical exercise specialist
12:25-12:50	FE-3	WHC Fill
12:35-12:55	FE-5	HRF Urine Sample Collection
12:55-13:00	FE-5	HRF - Urine Sample MELFI Insertion
12:50-13:50	FE-3	LUNCH
13:00-14:00	<b>CDR, FE-2, FE-4, FE-5</b>	LUNCH
13:30-14:30	FE-6	LUNCH
13:50-14:00	FE-3	CIR - Hardware Teardown
14:00-14:40	<b>FE-2</b>	COЖ Maintenance
14:00-16:45	<b>CDR</b>	TKГ 420 Transfers and IMS Updates
14:00-14:05	FE-5	PROK - Controlled Diet Log
14:00-15:00	<b>FE-4</b>	CALCIUM. Photography and set up Bioecologia cases
14:00-14:15	FE-3	Private Psychological Conference
14:05-14:15	FE-5	HRF - Hardware Setup
14:15-14:35	FE-5	ESA Weekly Crew Conference
14:20-14:25	FE-3	Photo/TV Setup for ROBoT Ops

14:25-14:35	FE-3	Setup for Robotics OBT
14:30-14:35	FE-6	PROK - Diet Log
14:35-15:35	FE-3,FE-6	OBT - HTV Rendezvous and Docking Review
14:40-15:00	FE-5	HRF Urine Sample Collection
14:40-14:50	<b>FE-2</b>	BRI Log Dump from RSS1
14:50-15:20	<b>FE-2</b>	Video Address Dedicated to 1150th Anniversary of Smolensk
15:00-15:05	<b>FE-4</b>	ASEPTIC Monitoring Automatic Pump Shut Off
15:00-15:05	FE-5	HRF - Sample MELFI Insertion
15:05-15:35	FE-5	OBT - HTV Rendezvous and Docking Review
15:20-15:40	<b>FE-4</b>	ASEPTIC. Preparation and Start of Air Sampling
15:30-16:45	<b>FE-2</b>	БД-2 Exercise - Day 2
15:35-15:40	FE-3	Stow Video Equipment Used during ROBoT Ops
15:40-16:10	<b>FE-4</b>	CALCIUM. Photo Processing and Downlink. <i>Tagup with specialists (S-band)</i>
15:40-15:50	FE-3, FE-5, FE-6	Onboard Training (OBT) Robotics Onboard Trainer (ROBoT) Conference
15:50-16:05	FE-3	Private Medical Conference
15:50-16:00	FE-6	MSG Hardware Deactivation
15:50-16:15	FE-5	Columbus Cargo Transfers
16:05-17:05	FE-3	CEVIS Exercise
16:10-17:35	<b>FE-4</b>	ARED Exercise
16:45-17:35	<b>FE-2</b>	Deinstallation Of КЛ-108/109Ц in SM and Connection of КЛ-108A Transmitter. <i>Tagup with specialists (S-band)</i>
16:45-17:05	<b>CDR</b>	IMS Update
16:55-17:15	FE-5	ISS - HAM Radio Session
17:05-17:20	FE-3	Private Special Conference
17:15-18:05	<b>CDR</b>	Evening Work Prep
17:15-18:15	FE-6	T2 Exercise
17:15-17:35	FE-5	HRF Urine Sample Collection
17:20-17:35	FE-3	Evening Work Prep
17:35-19:05	FE-3	ARED Exercise
17:35-17:40	FE-5	HRF - Urine Sample MELFI Insertion
17:35-17:45	<b>FE-2</b>	<b>On MCC Go</b> Mating КЛ-108A TLM connectors. <i>Tagup with specialists (S-band)</i>
17:40-18:30	<b>FE-4</b>	Replacement of ПС1, ПС2 Dust Collector Filters in FGB ( <b>ФГБ1ПГО_2_219_1, bag 410-32 (00054260R). Update the IMS</b> )
17:45-18:15	<b>FE-2</b>	Deinstallation Of КЛ-108/109Ц in SM and Connection of КЛ-108A Transmitter (end). <i>Tagup with specialists (S-band)</i>
18:05-19:05	<b>CDR</b>	VELO Exercise, Day 3
18:10-19:10	FE-5	CEVIS Exercise
18:15-18:55	<b>FE-2</b>	Evening Work Prep
18:15-19:05	FE-6	Evening Work Prep

18:40-18:45	<b>FE-4</b>	ASEPTIC Monitoring Automatic Pump Shut Off
18:45-19:00	<b>FE-4</b>	Evening Work Prep
18:55-19:05	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
19:00-19:20	<b>FE-4</b>	ASEPTIC. Retrieving samples from box and placing in thermostat
19:05-19:20	<b>CDR, FE-2, FE-3, FE-6</b>	Pre-sleep
19:10-19:20	<b>FE-5</b>	Pre-sleep
19:20-19:45		Daily Planning Conference ( <i>S-band</i> )
19:45-21:20	<b>FE-5</b>	Pre-sleep
19:45-21:30	<b>CDR, FE-2, FE-3, FE-4</b>	Pre-sleep
19:45-21:25	<b>FE-6</b>	Pre-sleep
21:20-21:25	<b>FE-5</b>	Reading REMINDER
21:25-21:30	<b>FE-5, FE-6</b>	Reaction Self Test
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-2, FE-4</b>	Preparation of reports for Roskosmos site
		URAGAN Observations and Photography
		ECON-M. Observations and Photography

**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
- End of Radiogram