

Radiogram No. 3594u

Form 24 for 10/02/2013

**Reboost Using Two ATV4 OCS Thrusters**

TIME	CREW	ACTIVITY
06:00-06:05	CDR, FE-2, FE-5, FE-6	Crew Reminder
06:00-06:15	FE-1	KHROMATOMASS. Experiment Setup
06:00-06:15	FE-3	HRF-SALIVA. Sample Processing
06:05-06:15	CDR	Morning Inspection. Laptop RS2(1) Reboot
06:05-06:15	FE-2	Morning Inspection. RSS12 Reboot
06:05-06:10	FE-5	REMINDER. Reminder to the crew about the experiment constraints
06:05-06:15	FE-6	Morning Inspection
06:10-06:20	FE-5	ENERGY-PFS. Activation
06:15-06:45	CDR	Post-sleep
06:15-06:45	FE-1	KHROMATOMASS. Saliva and Blood Collection
06:15-06:40	FE-2	Post-sleep
06:15-06:20	FE-3	HRF Urine Sample Insertion Into MELFI
06:15-06:40	FE-6	Post-sleep
06:20-06:25	FE-3	REMINDER. Surface Sample Collection Ops
06:20-06:50	FE-5	ENERGY - Urine Sample Collection
06:25-07:20	FE-3	BIOME. Body Sampling
06:40-07:30	FE-2, FE-6	BREAKFAST
06:45-07:35	CDR	BREAKFAST
06:45-06:55	FE-1	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:50-07:05	FE-5	Morning Inspection, Post-sleep, Breakfast
06:55-07:15	FE-1	Post-sleep
07:05-07:20	FE-5	ENERGY. Instrument Check
07:15-07:50	FE-1	BREAKFAST
07:20-07:25	FE-3	HRF - MELFI Sample Insertion
07:20-07:30	FE-5	ENERGY. Double Labeled Water Intake
07:25-07:50	FE-3	Morning Inspection, Post-sleep, Breakfast
07:30-07:50	FE-2, FE-5, FE-6	Work Prep
07:35-07:50	CDR	Regeneration of БМП Φ2 Micropurification Cartridge (start)
07:50-08:15	.	Daily Planning Conference ( <i>S-band</i> )
08:15-08:40	CDR	Work Prep
08:15-08:30	FE-1	KHROMATOMASS. Closeout Ops
08:15-08:25	FE-2	CASKAD. Manual Mixing in Bioreactor
08:15-08:20	FE-3	Morning Inspection, Post-sleep, Breakfast
08:15-09:15	FE-5	ENERGY. Oxygen Uptake Measurements Part 1
08:15-09:05	FE-6	Compound Specific Analyzer-Combustion (CSA-CP) Checkout

08:20-09:05	FE-3	HMS Visual Testing Activity
08:25-09:45	<b>FE-2</b>	VIRTUAL. Set up, Conduct Experiment and Closeout Ops. <i>Tagup with specialists (S-band)</i>
08:30-12:30	<b>FE-1</b>	KOБ2 4CПH2 Replaceable Pump Panel Recovery . <i>Tagup with specialists (S-band)</i>
08:40-08:55	<b>CDR</b>	VIRTUAL. Photography of the experiment ops
08:55-09:25	<b>CDR</b>	Search for Equipment to Replace TBM (A12). <i>Tagup with specialists (S-band)</i>
09:05-09:35	FE-3	OH-BP. Blood Pressure (BP) Operations
09:05-09:20	FE-6	Ocular Health (OH) Tonometry Test Setup
09:15-09:35	FE-5	ENERGY. BREAKFAST.
09:20-09:25	FE-6	Ocular Health (OH) Blood Pressure Operations
09:25-10:35	<b>CDR</b>	ASEPTIC. Glovebox Closeout Ops
09:30-09:50	FE-6	Ocular Health (OH) Tonometry Test - assistance
09:35-09:50	FE-3	Ocular Health (OH) Tonometry Test - Subject
09:35-10:25	FE-5	ENERGY. Oxygen Uptake Measurements Part 2
09:45-11:10	<b>FE-2</b>	Physical Exercise (VELO), Day 1
09:50-10:00	FE-6	Ocular Health (OH) - Equipment Stowage
09:55-10:10	FE-3	PROK - Equipment Setup
10:00-10:10	FE-6	System Laptop Terminal (SLT) Reboot
10:10-10:40	FE-3	BIOME. Sample collection
10:10-11:40	FE-6	ARED Exercise
10:25-10:30	FE-5	ENERGY. Bladder Emptying
10:30-11:50	FE-5	ENERGY. Oxygen Uptake Measurements Part 3
10:40-10:45	FE-3	HRF - Blood Sample MELFI Insertion
10:45-11:00	FE-3	BIOME. Stow Samples
11:00-12:30	<b>CDR</b>	VELO Exercise, Day 3
11:00-11:10	FE-3	BIOME. Perspiration Sampling Setup
11:10-11:50	<b>FE-2</b>	COЖ Maintenance
11:10-12:10	FE-3	T2 Exercise
11:40-12:40	FE-6	CEVIS Exercise
11:50-12:30	<b>FE-2</b>	PCПИ - БЗУ. Assess whether crew can switch cable on БЗУ. <i>Tagup with specialists (S-band)</i>
11:50-12:10	FE-5	ENERGY - Urine Sample Collection
12:10-12:20	FE-3	BIOME. Perspiration Sampling /
12:10-13:00	FE-5	ENERGY. Oxygen Uptake Measurements Part 4
12:20-12:25	FE-3	HRF - Blood Sample MELFI Insertion
12:25-12:55	FE-3	Reconfigure USOS Network for Nominal Ops
12:30-13:30	<b>CDR, FE-1, FE-2</b>	LUNCH
12:55-13:05	FE-3, FE-6	Treadmill T2 Monthly Inspection

13:00-13:20	FE-5	ENERGY - Urine Sample Collection
13:05-14:05	FE-3, FE-6	LUNCH
13:20-14:20	FE-5	LUNCH
13:30-15:00	<b>CDR</b>	Testing Nominal Network Configuration (Link Aggregation Mode). <i>Tagup with specialists (S-band)</i>
13:30-14:30	<b>FE-1</b>	Crew time for ISS adaptation and orientation
13:30-14:50	<b>FE-2</b>	Cleaning fan screens on FGB interior panels 116, 316, 231, 431
14:05-14:20	FE-6	Private Psychological Conference
14:05-15:05	FE-3	ISS Crew Orientation
14:20-14:35	FE-6	CIR Rack Doors Open
14:20-14:25	FE-5	ENERGY Diet Log of Lunch
14:25-14:40	FE-5	ENERGY-PFS. Closeout Ops.
14:35-14:50	FE-6	CIR Front End Cap Open
14:40-14:55	FE-5	NANORACK - Removal of tubes from the rack and start mixing
14:50-17:25	FE-6	MDCA Hardware Transfer
15:00-17:15	<b>CDR</b>	OBSTANOVKA. Continuity Check of Obstanovka Experiment Cable. <i>Tagup with specialists (S-band)</i>
15:00-16:00	<b>FE-2</b>	БД-2 Exercise, Day 1
15:05-15:10	FE-3	Space Headaches - Daily Questionnaire
15:20-15:40	FE-3	BIOME. Collecting Surface Samples
15:20-15:35	FE-5	Private Psychological Conference
15:35-15:45	FE-5	Evening Work Prep
15:40-15:45	FE-3	HRF - Blood Sample MELFI Insertion
15:45-15:55	FE-5	Closing USOS Window Shutters
15:45-17:15	FE-3	ARED Exercise
16:00-16:15	FE-5	Crew Discretionary Conference
16:00-17:00	<b>FE-1</b>	VELO Exercise, Day 2
16:00-17:00	<b>FE-2</b>	B3 Fan Screen Cleaning in MRM2
16:15-17:15	FE-5	Physical Exercise T2
17:00-17:15	<b>FE-2</b>	Crew time for ISS adaptation and orientation
17:15-17:45	<b>CDR, FE-1, FE-2</b>	TV Greetings Video
17:15-17:30	FE-3	BIOME. Sampling Stowage Ops
17:15-18:45	FE-5	ARED Exercise
17:25-17:45	FE-6	CIR Front End Cap Close
17:45-18:00	<b>FE-2</b>	Crew time for ISS adaptation and orientation
17:45-18:45	<b>CDR</b>	VELO Exercise, Day 3
17:45-18:15	FE-6	CIR - Hardware Removal and Relocation
18:00-18:35	<b>FE-2</b>	Evening Work Prep
18:15-18:45	<b>FE-1, FE-3</b>	Evening Work Prep
18:15-18:45	FE-6	CIR-MANF. Bottle Replacement

18:35-18:45	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
18:45-19:10		Daily Planning Conference ( <i>S-band</i> )
19:10-19:30	<b>CDR, FE-1, FE-2, FE-3, FE-5</b>	Evening Work Prep
19:10-19:20	<b>FE-6</b>	CIR Rack Doors Close
19:20-19:30	<b>FE-6</b>	Evening Work Prep
19:30-21:15	<b>CDR</b>	Pre-sleep
19:30-21:20	<b>FE-3, FE-5</b>	Pre-sleep
19:30-21:30	<b>FE-1, FE-2</b>	Pre-sleep
19:30-21:25	<b>FE-6</b>	Pre-sleep
21:15-21:30	<b>CDR</b>	БМП Ф2 Absorption Cartridge Regeneration (termination)
21:20-21:25	<b>FE-3</b>	Reading REMINDER
21:20-21:25	<b>FE-5</b>	REMINDER -PFE - Reading Reminder
21:25-21:30	<b>FE-3</b>	Reading REMINDER
21:25-21:30	<b>FE-5</b>	ENERGY Diet Log of Dinner
21:25-21:30	<b>FE-6</b>	REMINDER -PFE - Reading Reminder
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-1, FE-2</b>	Video Footage for Roscosmos Press Service /
		URAGAN Observations and Photography
		ECON-M. Observations and Photography
		Preparation of reports for Roskosmos site
	<b>CDR</b>	IMS Update
		Equipment prepack for return on Sygnus
<b>FE-2</b>	Cleaning FGB ГЖТ Detachable Screens 1, 2, 3	

**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. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
  4. **No T2 Exercise at 17:35 - 19:27**
- End of Radiogram