

Radiogram No. 1334nu Form 24 for 01/23/2013 **(UPDATED)**  
**DO Thruster Inhibit. TVIS R&R and Semi-Annual Maintenance**

TIME	CREW	ACTIVITY
06:00-06:10	CDR, FE-5, FE-6	Morning Inspection
06:00-06:10	<b>FE-1</b>	Morning Inspection Reboot Laptop RS2(1) SM PCC (Caution & Warning Panel) Test
06:00-06:10	<b>FE-2</b>	Morning Inspection RSS2 Reboot
06:00-06:30	<b>FE-4</b>	SPRUT-2. Setup, Body Mass Measurement, and Closeout Ops <i>Tagup with specialists (S-band)</i>
06:10-06:40	CDR, FE-5, FE-6	Post-sleep
06:10-06:40	<b>FE-1</b>	Post-sleep
06:10-06:50	<b>FE-2</b>	Post-sleep
06:30-07:30	<b>FE-4</b>	SPRUT-2 Experiment Ops
06:40-07:30	CDR, FE-6, FE-5	BREAKFAST
07:30-07:40	CDR	Work Prep
06:40-07:25	<b>FE-1</b>	BREAKFAST
06:50-07:10	<b>FE-2</b>	SPRUT-2. Photography of the Experiment Ops
07:10-07:55	<b>FE-2</b>	BREAKFAST
07:25-07:55	<b>FE-1</b>	LCS. Copying data from RSE-LCS laptop to RSS2 and data downlink
07:30-07:55	<b>FE-4</b>	Post-sleep
07:30-07:55	FE-5, FE-6	Work Prep
07:40-07:55	CDR	JRNL - Journal Entry
07:55-08:20		Daily Planning Conference ( <i>S-band</i> )
08:20-08:45	CDR	Acoustic Dosimeter Stow
08:20-08:30	<b>FE-1</b>	Work Prep
08:20-08:30	<b>FE-2</b>	Private conference with physical exercise specialist ( <i>S-band</i> )
08:20-08:25	<b>FE-4</b>	Closeout Ops after 5B1 Bladder Compression in TFK 417
08:20-08:35	FE-6	JRNL - Journal Entry
08:25-09:15	<b>FE-4</b>	BREAKFAST
08:30-08:55	<b>FE-2</b>	Gather Equipment for TVIS
08:30-08:40	<b>FE-1</b>	Private conference with physical exercise specialist ( <i>S-band</i> )
08:35-10:05	FE-5	Physical Exercise (ARED)
08:35-08:45	FE-6	EHS Air Quality Monitoring (AQM) Start
08:40-08:55	<b>FE-1</b>	Gather Equipment for TVIS
08:45-09:30	CDR	BCATC1 - Setup and Photography of Samples
08:45-09:55	FE-6	ISS IVA Toolbox Drawer 2 Decal Installation
08:55-09:25	<b>FE-1, FE-2</b>	Remove TVIS from the SM Pit

09:15-09:25	<b>FE-4</b>	Private conference with physical exercise specialist ( <i>S-band</i> )
09:25-11:35	<b>FE-1, FE-2</b>	TVIS Transfer Case and Flywheel Case Lubrication. <i>Tagup with MCC-H specialists as necessary (S-band)</i>
09:25-09:55	<b>FE-4</b>	Work Prep
09:30-10:00	CDR	BCATC1 - Hardware Setup
09:55-10:10	<b>FE-4</b>	ИП-1 Flow Sensor Position Verification
09:55-10:15	FE-6	HRF2. Preparation for DVD Load Installation
10:00-10:15	CDR	SAMS. Screen Cleaning
10:05-11:05	FE-5	Physical Exercise (CEVIS)
10:10-11:40	<b>FE-4</b>	Physical Exercise (ARED)
10:15-10:45	CDR	MAMS. System Screen Cleaning
10:20-10:30	FE-6	USND2. Hardware Activation
10:30-12:30	FE-6	SPINAL. Scanning Ops
10:45-11:15	CDR	VIABLE Bag Inspection
11:05-13:35	FE-5	SPCU - Heat Exchanger R&R
11:15-12:40	CDR	SPINAL. Assistance in Scanning
11:35-12:35	<b>FE-1, FE-2</b>	TVIS Semi-Annual IFM. <i>Tagup with MCC-H specialists as necessary (S-band)</i>
11:40-12:40	<b>FE-4</b>	Physical Exercise T2
12:35-13:20	<b>FE-1, FE-2</b>	TVIS - Reinstall in Pit / <i>Tagup with MCC-H specialists as necessary (S-band)</i>
12:30-12:50	FE-6	HRF2. Closeout Ops with DVD
12:40-12:50	CDR	SAMS-ICU/D1 - Activation
12:40-13:20	<b>FE-2</b>	Microbial sample collection (Increment mid-term). Analysis of medium 2 results obtained in locations #9 - #15 /
12:40-13:20	<b>FE-4</b>	TVIS – Reinstall in Pit. <i>Tagup with MCC-H specialists as necessary (S-band) /</i>
12:50-13:00	CDR	ABRS. Activation Part 1
12:50-12:55	FE-6	P/L Playback Start
13:00-14:00	CDR	LUNCH
13:10-14:10	FE-6	LUNCH
13:20-14:20	<b>FE-1, FE-2, FE-4</b>	LUNCH
13:35-14:35	FE-5	LUNCH
14:00-14:10	CDR	ABRS. Activation Part 2
14:10-15:20	CDR, FE-6	IMV Flow Measurement
14:20-15:20	<b>FE-1</b>	KULONOVSKIY KRISTALL. Experiment Ops <i>Tagup with specialists as necessary (S-band)</i>
14:20-14:45	<b>FE-2</b>	RS3, RS1 Laptops Inspection and Cleaning. <i>Tagup with specialists (S-band)</i>
14:20-15:00	<b>FE-4</b>	COЖ Maintenance
14:35-14:50	FE-5	Private Medical Conference

14:50-18:50	FE-5	SPCU - Heat Exchanger R&R
15:00-17:00	<b>FE-4</b>	Audit of Elektron-VM Spares
15:15-16:20	<b>FE-2</b>	<b>On MCC Go</b> Activate Laptop RS1. RS2 Laptop Inspection and Cleaning. <i>Tagup with specialists (S-band)</i>
15:20-15:50	<b>FE-1</b>	KULONOVSKIY KRISTALL. Copying video files to Hard Drive
15:20-15:35	CDR	Completing and ISTAR Survey
15:20-15:30	FE-6	USND2. Hardware deactivation
15:30-15:35	FE-6	EHS - Air Quality Monitor (AQM) End
15:35-15:45	CDR	BCATC1 - Intervalometer Change
15:35-15:45	FE-6	WRS Water Sample Analysis
15:45-15:50	FE-6	P/L Closeout Ops
15:50-17:20	FE-6	Physical Exercise (ARED)
15:50-17:20	<b>FE-1</b>	<b>TVIS Checkout with Video</b>
16:05-16:20	CDR	Private Medical Conference
16:20-17:20	CDR	Physical Exercise (CEVIS)
16:30-17:30	<b>FE-2</b>	EXPANDER Exercise
17:00-18:00	<b>FE-4</b>	TKF 416 Stowage and IMS Ops
17:20-18:50	CDR	Physical Exercise (ARED)
17:20-18:20	FE-6	Physical Exercise (CEVIS)
17:20-17:30	<b>FE-1</b>	<b>Stow video equipment used to record TVIS exercise</b>
17:30-18:30	<b>FE-1</b>	EXPANDER Exercise
17:30-18:40	<b>FE-2</b>	Physical Exercise (VELO), Day 2
18:00-18:20	<b>FE-4</b>	IMS Update
18:20-18:30	FE-6	TOCA 2 Data Recording
18:30-19:00	<b>FE-1, FE-4</b>	Evening Work Prep
18:30-18:45	FE-6	Private Medical Conference
18:40-19:00	<b>FE-2</b>	Evening Work Prep
18:45-19:00	FE-6	Evening Work Prep
18:50-19:00	CDR, FE-5	Evening Work Prep
19:00-19:25		Daily Planning Conference ( <i>S-band</i> )
19:25-21:25	CDR, FE-5, FE-6	Pre-sleep
21:25-21:30	CDR, FE-5, FE-6	P/L Reminder (BCAT)
19:25-21:30	<b>FE-2</b>	Pre-sleep
19:25-21:20	<b>FE-1, FE-4</b>	Pre-sleep
21:20-21:30	<b>FE-1</b>	ALBEDO. Battery Charge (start)
21:20-21:30	<b>FE-4</b>	LCS. Activate RSE-LCS laptop to start data recording
21:30-06:00	.	SLEEP
<b>Task List</b>	<b>FE-1, FE-2,</b>	ECON-M. Observations and Photography

	<b>FE-4</b>	URAGAN Observations and Photography
		Preparation of reports for Roskosmos site

**Notes:**

1. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC**
  2. 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**
  - 5. Do not use RS windows between 00:00-00:15 and 03:15-03:30**
- End of Radiogram