

Radiogram No. 8246u

Form 24 for 01/23/2012

**Progress 413 Undocking From DC1**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
07:30-07:35	CDR	Reaction Self Test
07:30-07:40	<b>FE-1,FE-4</b>	Morning Inspection
07:30-07:40	<b>FE-2</b>	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
07:30-07:40	FE-5	Urine Spot Test
07:30-07:40	FE-6	Urine Spot Test
07:35-07:40	CDR	Morning Inspection
07:40-07:45	FE-6	Reaction Self Test
07:40-08:00	FE-5	HRF Urine Collection
07:40-08:10	<b>CDR,FE-1,FE-2,FE-4</b>	Post-sleep
07:45-07:55	FE-6	Morning Inspection
07:55-08:25	FE-6	Post-sleep
08:00-08:10	FE-5	HRF Urine Sample Insertion Into MELFI
08:10-08:20	FE-5	HRF Refrigerated Centrifuge Setup
08:10-09:00	<b>CDR,FE-1,FE-2,FE-4</b>	BREAKFAST
08:20-08:40	FE-5	HRF Sample Collection
08:25-09:00	FE-6	BREAKFAST
08:40-08:45	FE-5	Reaction Self Test
08:50-09:00	FE-5	HRF Refrigerated Centrifuge Configure
09:00-09:25	.	Daily Planning Conference ( <i>S-band</i> )
09:25-09:50	<b>FE-1,FE-2</b>	Work Prep
09:25-09:30	CDR	Work Prep
09:25-09:40	FE-6	BREAKFAST
09:30-10:30	CDR	Pregather items for ITCS Sampling
09:30-09:40	FE-5	HRF Refrigerated Centrifuge Spin Terminate
09:30-12:00	<b>FE-4</b>	BAR Experiment. <i>Tagup with specialists (S-band)</i>
09:40-09:50	FE-5	Nutrition and Repository Blood Sample Insertion into MELFI
09:40-10:00	FE-6	Work Prep
09:50-13:00	<b>FE-2</b>	Inspection and Photography of SM Structural Elements, Onboard Cables [БКC], and Pressurized Shell Ring
09:50-10:05	FE-5	HRF Blood Collection Hardware Stowage
09:50-11:50	<b>FE-1</b>	Replacement of E-K pre-treat container with hose and air filter (Φ) in ACY system. <b>Install E-K #1003085 (ΦГБ1ΠГО_4_412_1, (00054235R)) and Φ #0480193 (CM1PO_1_138_1,(00048187R)). Discard the removed items (use КБО-М bags) / Update IMS</b>
10:05-10:35	FE-5	Post-sleep
10:05-11:35	FE-6	Physical Exercise (ARED)
10:30-11:10	CDR	ITCS sample collection for return to the ground
10:35-11:20	FE-5	BREAKFAST
11:10-14:40	CDR	Major Constituent Analyzer (MCA) Maintenance
11:20-11:50	FE-5	Work Prep

11:40-11:50	FE-6	Zero Robotics Review
11:50-13:00	FE-5	Surface Sampling And Analysis (T+5)
11:50-12:00	FE-6	EHS Air Quality Monitoring (AQM) Start
12:00-12:10	FE-6	SPHERES Crew Conference
12:00-13:00	<b>FE-4</b>	D3, D3X Imaging Sensor Cleaning
12:10-13:45	FE-6	SPHERES Zero Robotics Dry Run
12:10-12:30	<b>FE-1</b>	Tightening Screw Clamps on MRM1/FGB АСП-Б Docking Mechanism Interface
12:35-13:35	<b>FE-1</b>	Physical Exercise (VELO), Day 2
13:00-13:20	FE-5	HRF - Stow Urine Collection Equipment
13:00-14:30	<b>FE-4</b>	Physical Exercise (TVIS), Day 2
13:35-14:35	<b>FE-2</b>	Physical Exercise (VELO), Day 2
13:45-14:45	FE-5,FE-6	LUNCH
14:35-15:35	<b>FE-1,FE-2,FE-4</b>	LUNCH
14:40-15:40	CDR	LUNCH
14:45-14:50	FE-6	PROK Diet Logging (Day 1)
14:45-14:50	FE-5	PROK Logsheets Photography
14:50-15:00	FE-6	SPHERES - Student Competition Welcome
14:50-15:05	FE-5	3DA1 Camcorder Setup
15:00-18:00	FE-6	SPHERES Zero Robotics Setup
15:05-16:10	FE-5	3DA1 Camera SPHERES Video
15:35-16:15	<b>FE-2</b>	COЖ Maintenance
15:35-17:05	<b>FE-4</b>	MPEG-2 video downlink test via Ku-band prior to Progress 414 docking to the ISS ( <i>Ku-band</i> )
15:35-17:05	<b>FE-1</b>	Life On The Station Photo and Video
15:40-15:50	CDR	O2 Valve Close
15:50-17:20	CDR	Physical Exercise (ARED)
16:10-16:20	FE-5	3DA1 Camcorder Deactivation
16:15-18:05	<b>FE-2</b>	Inspection and Photography of FGB Structural Elements, Onboard Cables [БКC], and Pressurized Shell Ring
16:20-16:30	FE-5	HAM Radio Deactivation
16:30-16:50	FE-5	UMS Test Set up
16:50-17:20	FE-5	UMS Urine Collection
17:05-18:05	<b>FE-1</b>	SM ПФ1-4 Dust Collector Filter Cartridge Changeout ( <b>ФГБ1ПГО_2_219_1, bag 410-22 (00054251R)</b> ). <b>Discard the removed items. Update IMS</b>
17:05-18:05	<b>FE-4</b>	Physical Exercise (VELO), Day 2
17:20-18:50	FE-5	Physical Exercise (ARED)
17:20-18:20	CDR	Physical Exercise (T2)
18:00-18:20	FE-6	SPHERES Zero Robotics Shutdown
18:05-18:55	<b>FE-2</b>	Download Pille Dosimeter Readings
18:05-19:30	<b>FE-1</b>	Physical Exercise (TVIS), Day 2
18:05-19:05	<b>FE-4</b>	Evening Work Prep
18:30-18:40	FE-6	SPHERES Crew Conference

18:40-18:50	FE-6	EHS - Air Quality Monitor (AQM) End
18:45-18:55	CDR	AR2 - Pump Activation
18:50-19:50	FE-6	Physical Exercise (T2)
18:50-19:50	FE-5	Physical Exercise (CEVIS)
18:55-19:35	CDR	Internal Thermal Control System (ITCS) Node 3 Fluid Sampling
18:55-19:05	<b>FE-2</b>	Evening Work Prep
19:05-19:25	<b>FE-4</b>	IMS Update
19:05-20:35	<b>FE-2</b>	Physical Exercise (TVIS), Day 2
19:25-19:55	<b>FE-4</b>	Pre-sleep
19:30-19:35	<b>FE-1</b>	Hematocrit Hardware Setup
19:35-20:35	<b>FE-1</b>	Evening Work Prep
19:35-19:50	CDR	Private Psychological Conference ( <i>S-band</i> )
19:50-20:35	FE-5	Evening Work Prep
19:50-20:00	CDR	USOS Window Shutter Close
19:50-20:05	FE-6	Journal Entry
19:55-20:35	<b>FE-4</b>	TVIS Monthly Maintenance
20:00-20:15	CDR	Journal Entry
20:05-20:35	FE-6	Evening Work Prep
20:15-20:35	CDR	Evening Work Prep
20:35-21:00	.	Daily Planning Conference ( <i>S-band</i> )
21:00-22:55	FE-5,FE-6	Pre-sleep
21:00-22:00	<b>FE-1,FE-4</b>	Pre-sleep
21:00-21:05	CDR	P/TV Playback Start
21:00-22:25	<b>FE-2</b>	Pre-sleep
21:05-22:50	CDR	Pre-sleep
22:00-22:30	<b>FE-1</b>	MIKROSPUTNIK (Microsatellite). Hardware Video
22:00-22:30	<b>FE-4</b>	MIKROSPUTNIK (Microsatellite). Hardware Photos
22:25-22:30	<b>FE-2</b>	<b>ON MCC GO</b> Move DC-Progress PEV to <b>CLOSED</b> position
22:30-22:40	<b>FE-1</b>	MIKROSPUTNIK (Microsatellite). Video Downlink ( <i>Ku-band</i> )
22:30-23:00	<b>FE-2,FE-4</b>	Pre-sleep
22:40-22:55	<b>FE-1</b>	Pre-sleep
22:50-22:55	CDR	Reaction Self Test
22:55-23:00	<b>FE-1</b>	MIKROSPUTNIK (Microsatellite). Video Downlink Terminate
22:55-23:00	CDR	P/TV Playback End
22:55-23:00	FE-5	Reaction Self Test
22:55-23:00	FE-6	Reaction Self Test
23:00-06:00	.	SLEEP
<b>Task List</b>	<b>FE-1,FE-2,FE-4</b>	Preparation of reports for Roskosmos site
		URAGAN. Observations and Photography
		ECON. Observations and Photography

**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
- End of Radiogram

