

Radiogram No. 0223u

Form 24 for 09/13/2012

**Reboost Using two ATV3 Thruster with Accelerometers. TK СУДН Test PCE Test1**

GMT	CREW	ACTIVITY
06:00-06:10	<b>CDR</b>	Morning Inspection <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
06:00-06:10	<b>FE-2, FE-5</b>	Morning Inspection
06:00-06:05	FE-3	HRF Closeout Ops
06:00-06:05	FE-6	Urine Spot Test
06:00-06:10	<b>FE-4</b>	SONOCARD Experiment Termination
06:10-06:20	<b>FE-4</b>	Morning Inspection
06:05-06:25	FE-6	HRF Urine Sample Collection Subject
06:05-06:10	FE-3	Urine Spot Test
06:10-06:30	FE-3	HRF Urine Sample Collection Subject
06:10-06:40	<b>CDR, FE-2, FE-5</b>	Post-sleep
06:20-06:50	<b>FE-4</b>	Post-sleep
06:25-06:35	FE-6	HRF Urine Sample Insertion Into MELFI
06:30-06:35	FE-3	HRF Urine Sample Insertion Into MELFI
06:35-06:45	FE-3	Morning Inspection
06:35-06:55	FE-6	Morning Inspection
06:40-07:05	FE-5	BREAKFAST
06:40-07:40	<b>CDR, FE-2</b>	TK 705 СУДН test before undocking. <i>Tagup with specialists</i>
06:45-06:55	FE-3	HRF Refrigerated Centrifuge Setup
06:50-07:05	<b>FE-4</b>	<b>On MCC Go</b> БМП Ф2 Absorption Cartridge Regeneration (start)
06:55-07:15	FE-3	HRF Sample Collection
06:55-07:10	FE-6	HRF Sample Collection
07:05-07:40	<b>FE-4</b>	BREAKFAST
07:05-07:15	FE-5	HAM Radio Setup in SM
07:10-07:40	FE-6	Post-sleep
07:15-07:25	FE-3	Post-sleep
07:15-07:30	FE-5	Radio Session from SM
07:25-07:35	FE-3	HRF Refrigerated Centrifuge Configuration
07:30-07:40	FE-5	Work Prep
07:35-07:40	FE-3	Post-sleep
07:40-08:05		Daily Planning Conference ( <i>S-band</i> )
08:05-08:55	<b>CDR, FE-2</b>	BREAKFAST
08:05-08:20	<b>FE-4</b>	Work Prep
08:05-08:10	FE-3	HRF Refrigerated Centrifuge Spin Terminate
08:05-08:15	FE-6	Audio Dosimeter Preparation
08:05-09:45	FE-5	ORU Cleaning
08:10-08:20	FE-3	HRF Insertion of Blood Samples into MELFI

08:15-08:45	FE-6	BREAKFAST
08:20-08:35	<b>FE-4</b>	SONOCARD Data Copy to RSE-MED Laptop and Data Downlink Using OCA
08:20-08:50	FE-3	Post-sleep
08:35-11:35	<b>FE-4</b>	TIPOLOGIYA. Experiment Ops (FE-4)
08:45-08:55	FE-6	PROX Hardware Rack Switch Off
08:50-09:45	FE-3	BREAKFAST
08:55-09:05	<b>CDR</b>	Work Prep
08:55-09:15	FE-6	Work Prep
08:55-09:10	<b>FE-2</b>	Work Prep
09:05-09:20	<b>CDR</b>	TIPOLOGIA Experiment Assistance
09:10-10:15	<b>FE-2</b>	PNEVMOCARD Experiment
09:20-09:30	<b>CDR</b>	TIPOLOGIA Photography
09:20-09:30	FE-6	ABRS Activation
09:30-09:50	<b>CDR</b>	TK 705 ACY Activation
09:30-09:45	FE-6	ISS crew and Program Office Conference
09:45-10:45	FE-3	Physical Exercise (CEVIS)
09:45-10:05	FE-6	HRF Urine Sample Collection Subject
09:50-10:20	<b>CDR</b>	Replacing toilet [ACY] collector in TK 705. <b><i>Install ACY collector #0320615 (00055036R, ФГБ1ПГО_4_415_1). Discard the removed unit. Reflect changes in IMS</i></b>
09:55-10:45	FE-5	Sensor R&R
10:05-10:10	FE-6	HRF Urine Sample Insertion Into MELFI
10:10-10:20	FE-6	USND2- Video Power Activation
10:15-11:30	<b>FE-2</b>	Physical Exercise (TVIS), Day 3
10:20-10:30	<b>CDR</b>	Gas Analyzer Activation in TK 705
10:20-12:25	FE-6	SPRINT - Video Camera Installation
10:45-11:45	<b>CDR</b>	Physical Exercise T 2
10:45-11:05	FE-5	SPRINT-GUIDE Assistance
11:05-12:05	FE-5	Physical Exercise (CEVIS)
11:25-12:55	FE-3	Physical Exercise (ARED)
11:30-11:40	<b>FE-2</b>	CASKAD. Retrieval of Bioreactor from TBU-V and Setup in TBU at +4°C setting
11:35-11:45	<b>FE-4</b>	Gas Analyzer Activation in TK 706
11:40-11:50	<b>FE-2</b>	CASKAD. Photography
11:45-12:00	<b>CDR</b>	T2 Exercise Crew Hygiene
11:55-12:55	<b>FE-2</b>	Departure Prep Time
11:55-12:55	<b>FE-4</b>	Physical Exercise (VELO), Day 4
12:00-12:55	<b>CDR</b>	Departure Prep Time
12:05-13:10	FE-5	Mate QD to Hydrogen Sensor
12:25-12:45	FE-6	HRF Urine Sample Collection Subject
12:45-12:50	FE-6	HRF Urine Sample Insertion Into MELFI

12:50-13:30	FE-6	LUNCH
12:55-13:55	<b>CDR, FE-4, FE-2</b>	LUNCH
12:55-13:30	FE-3	LUNCH
13:10-13:30	FE-5	LUNCH
13:30-13:45	FE-3, FE-5, FE-6	Handover Conference (S-band, Ku-band)
13:45-14:10	FE-6	LUNCH
13:50-14:00	FE-6	USND2-Hardware Deactivation
13:55-14:00	FE-3	PROK. Diet Logfile and PH Logsheet Photography
13:55-14:35	<b>FE-4</b>	COX Maintenance
14:00-17:00	<b>CDR, FE-2, FE-3</b>	TK 705 Descent OBT. <i>Tagup with specialists</i>
14:00-14:05	FE-6	PROK Diet Logging (Day 2-4)
14:10-14:15	FE-5	ISSAC Lab Window Shutter Open
14:20-14:25	FE-6	ERB2 Power Up
14:25-14:55	FE-5	YTSL - Crew reviews message; retrieves the Spider Hab from stowed location, and accesses CGBA-4 to remove GAP 5
14:30-14:45	FE-6	Private Medical Conference
14:35-15:05	<b>FE-4</b>	PCE Test 1. PCE, PCE Antenna Feeder, ATV Control Panel Checkout. <i>(Ku + S-band) / Tagup with specialists</i>
14:45-15:45	FE-6	Integrated Cardiovascular Ambulatory Monitoring Data Download
14:55-15:05	FE-5	YouTube Spacelab (YTSL) PAO hardware setup
15:05-15:15	FE-5	PAO crew prep (YouTube Spacelab (YTSL))
15:15-15:35	FE-5	YouTube Spacelab (YTSL) PAO Event
15:35-16:05	<b>FE-4</b>	VZAIMODEISTVIYE Experiment Run By FE-4
15:35-17:05	FE-5	Physical Exercise (ARED)
16:05-16:20	FE-6	Private Psychological Conference
16:05-16:25	<b>FE-4</b>	IMS Update
16:20-16:35	FE-6	ICV Data Collection
16:25-16:35	<b>FE-4</b>	TVIS Exercise Video Equipment Setup
16:35-18:05	<b>FE-4</b>	Physical Exercise (TVIS), Day 4
16:40-16:50	FE-6	HAM Radio Session Setup
16:50-17:05	FE-6	HAM Radio Session
17:00-18:00	FE-3	Departure Prep Time
17:00-18:00	<b>CDR</b>	Physical Exercise T 2
17:05-17:20	FE-5	IMS and Stowage Conference
17:05-18:20	<b>FE-2</b>	Physical Exercise (ARED)
17:40-18:00	FE-6	HRF Urine Sample Collection Subject
17:20-17:50	FE-5	YTSL - Crew stows the Spider Hab and accesses CGBA-4 to insert GAP 5
18:00-18:15	<b>CDR</b>	TVIS Crew Hygiene

18:00-18:05	FE-6	HRF Urine Sample Insertion Into MELFI
18:00-18:05	FE-3	Space Headaches - Daily Questionnaire
18:05-18:20	FE-3	Private Medical Conference
18:05-18:15	<b>FE-4</b>	Stow video equipment used to record TVIS exercise
18:05-18:15	FE-6	Closing USOS Window Shutters
18:10-18:20	FE-5	HAM Radio Session Setup
18:15-19:00	<b>CDR</b>	Evening Work Prep
18:15-18:20	<b>FE-4</b>	TVIS Exercise Video Replay
18:15-19:00	FE-6	Evening Work Prep
18:20-18:40	<b>FE-2</b>	MO-21 Prep. Ecosphere Battery Charge
18:20-18:55	FE-3	Tool Gathering for FCPA R&R
18:20-19:00	<b>FE-4</b>	Evening Work Prep
18:20-18:35	FE-5	HAM Radio Session
18:35-18:50	FE-5	Private Medical Conference
18:40-19:00	<b>FE-2</b>	Evening Work Prep
18:50-18:55	FE-3	Evening Work Prep
19:00-19:15		Pre-sleep
19:15-19:40		Daily Planning Conference ( <i>S-band</i> )
19:40-21:30	<b>CDR, FE-2</b>	Pre-sleep
19:40-19:45	FE-3	P/TV Playback Start
19:40-21:25	FE-5, FE-6	Pre-sleep
19:40-21:15	<b>FE-4</b>	Pre-sleep
19:45-21:25	FE-3	Pre-sleep
21:15-21:30	<b>FE-4</b>	БМП Φ2 Absorption Cartridge Regeneration (termination)
21:25-21:30	FE-3	P/TV Playback Stop
21:25-21:30	FE-5	Ultrasound Sprint Scanning Reminder
21:25-21:30	FE-6	REMINDER - Generic Blood Collection
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-4</b>	Photography of disaster area
		ECON Observations and Photography
	<b>CDR, FE-2, FE-4</b>	Video Recording of 60 <sup>th</sup> Anniversary Greetings of Zvezda
	<b>FE-2, FE-4</b>	Personal iPad Setup for Operation with new WPA2 through SM WAP Encryption

**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. **No T2 Exercise: 07:00 - 07:15, 01:45 - 02:00, 03:20 - 03:30**  
End of Radiogram