

Radiogram No. 2284u

Form 24 for 05/08/2013

**Single-burn Reboost Using TГK 419 ДПО Thrusters and USOS Accelerometer Data. Loop Test of FGB Kurs-P (from MRM1 - Y side) and TK 704A**

TIME	CREW	ACTIVITY
06:00-06:05	CDR	PROK. Urine Spot Test
06:00-06:10	<b>FE-1</b>	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:10	<b>FE-2</b>	Morning Inspection. RSS1, RSS2 Reboot / r/g 1009 step 1 SM ПСС (Caution & Warning Panel) Test
06:00-06:10	FE-3	Morning Inspection
06:00-06:10	<b>FE-4</b>	IMMUNO. Saliva Sample (Session 1)
06:00-06:05	FE-6	PROK. Urine Spot Test
06:05-06:10	CDR, FE-6	Morning Inspection
06:10-06:40	CDR, <b>FE-1</b> , FE-3, FE-6	Post-sleep
06:10-06:20	<b>FE-2</b>	Post-sleep
06:10-06:20	<b>FE-4</b>	IMMUNO. First stress test, questionnaire data entry
06:20-06:35	<b>FE-4</b>	IMMUNO. Venous blood collection
06:20-06:35	<b>FE-2</b>	IMMUNO. Assistance in the Experiment
06:35-06:55	<b>FE-4</b>	IMMUNO. Venous blood sample processing (smear)
06:35-06:50	<b>FE-2</b>	IMMUNO. Venous blood sample processing using Plasma-03 centrifuge
06:40-06:50	FE-6	BREAKFAST
06:40-07:15	CDR, <b>FE-1</b> , FE-3	BREAKFAST
06:50-06:55	<b>FE-2</b>	IMMUNO. Equipment handover for MELFI Insertion
06:50-07:00	FE-6	IMMUNO. MELFI Sample Insertion
06:55-07:15	<b>FE-2</b>	Post-sleep
06:55-07:00	<b>FE-4</b>	IMMUNO. Equipment Stowage
07:00-07:15	<b>FE-4</b>	Post-sleep
07:00-07:15	FE-6	BREAKFAST
07:15-07:40		Daily Planning Conference ( <i>S-band</i> )
07:40-07:55	CDR, <b>FE-1</b> , FE-3, FE-6	BREAKFAST
07:40-07:55	<b>FE-2, FE-4</b>	Post-sleep
07:55-09:35	CDR	WMK In-Flight Water Processing
07:55-08:10	<b>FE-1, FE-2,</b> <b>FE-4</b>	ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference ( <i>S-band</i> )
07:55-08:05	FE-3	ROBONAUT - Camcorder Setup
07:55-08:00	FE-6	ELT2. Partition Change
08:00-08:15	FE-6	Work Prep
08:05-08:10	FE-3	ROBONAUT- MPC Setup
08:10-09:05	<b>FE-4</b>	BREAKFAST

08:10-08:50	<b>FE-2</b>	BREAKFAST
08:10-08:25	<b>FE-1</b>	БМП Ф2 Absorption Cartridge Regeneration (start)
08:10-08:40	FE-3	Robonaut Power Up
08:15-08:40	FE-6	ASV TCCS Remove and Replace
08:40-09:40	FE-3, FE-6	ASV Removal
08:50-11:05	<b>FE-1, FE-2</b>	ПpK Preparations to accommodate the transfer of BD2 from ТКГ 419
09:05-10:35	<b>FE-4</b>	Video camera GoPro HERO3 setup and Adjustment for Operation during ТПК 704A Descent. <i>Tagup with specialists (S-band)</i>
09:35-10:20	CDR	EXPRS8-ELC - Computer Software Load
09:40-11:10	FE-3, FE-6	ASV 102 R&R
10:20-10:35	CDR	EXPRS2 - Laptop SW Load
11:05-12:05	<b>FE-4</b>	Crew Departure Prep
11:05-12:05	<b>FE-2</b>	Physical Exercise (VELO), Day 1
11:10-12:10	FE-3, FE-6	ASV R&R
11:10-12:40	CDR	Physical Exercise (ARED)
11:25-12:25	<b>FE-1</b>	Physical Exercise (TVIS), Day 2
12:10-12:35	FE-6	TCCS Removal
12:10-12:20	FE-3	Formaldehyde Monitoring Kit (FMK) Stow Operations
12:20-12:35	FE-3	TOCA Potable Water Dispenser (PWD) Sample Analysis
12:25-13:20	<b>FE-4, FE-2</b> assists	LBNP Exercise (PRELIMINARY). <i>Tagup with specialists (S-band)</i>
12:30-13:00	<b>FE-1</b>	OBSTANOVKA. Connector Check. <i>Tagup with specialists (S-band)</i>
12:35-13:35	FE-6	Physical Exercise T 2
12:40-13:40	CDR	Module-19 Operations
13:00-14:00	<b>FE-1</b>	LUNCH
13:15-14:15	FE-3	LUNCH
13:20-14:20	<b>FE-2, FE-4</b>	LUNCH
13:35-14:35	FE-6	LUNCH
13:40-14:40	CDR	LUNCH
14:00-16:00	<b>FE-1</b>	Collection of Surface Samples from Cabling, SM Equipment and Structural Elements
14:15-14:30	FE-3	Private Psychological Conference
14:20-15:00	<b>FE-2</b>	Filling (Separation) of EDV (KOV) <b>Lid No. 1000 п.37 (00053405R, ФГБ1ПГО_4_404_1)</b> for Elektron <b>from ТКГ 419 ББ2</b>
14:20-16:20	<b>FE-4</b>	MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists as necessary (S-band)</i>
14:30-14:45	FE-3	GLACIER3. Pack Swap
14:35-14:40	FE-6	PROK. Diet Log Day 2-4
14:40-14:45	CDR	PROK. Diet Log Day 2-4
14:45-15:00	FE-6	Private Psychological Conference
14:45-14:55	FE-3	Robonaut Power Down

14:45-15:45	CDR	ICV - Copy and download data
14:55-15:00	FE-3	ROBONAUT - Camcorder Configuration
15:00-15:05	FE-3	P/L Playback Start
15:00-15:40	<b>FE-2</b>	COX Maintenance
15:05-15:45	FE-3, FE-6	Robonaut Hardware Disassembly
15:45-16:00	FE-6	Private Medical Conference
15:45-15:55	FE-3	Robonaut Taskboard Stow
15:55-16:05	FE-3	TOCA 2 Data Recording
16:00-17:00	<b>FE-1, FE-2</b>	ПpK Preparations to accommodate the transfer of BD2 from ТКГ 419
16:00-17:30	FE-6	Physical Exercise (ARED)
16:15-16:30	CDR	ICV - Completion of Data Download and Equipment Stowage
16:15-17:15	FE-3	Physical Exercise (CEVIS)
16:20-16:35	<b>FE-4</b>	ИП-1 Flow Sensor Position Verification
16:35-16:50	CDR	Private Medical Conference
17:00-18:00	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
17:00-17:20	<b>FE-2</b>	IMS Update
17:00-17:35	<b>FE-1</b>	Evening Work Prep
17:15-17:30	FE-3	Private Medical Conference
17:20-17:55	<b>FE-2</b>	Evening Work Prep
17:30-18:30	CDR	Physical Exercise (CEVIS)
17:30-19:00	FE-3	Physical Exercise (ARED)
17:30-17:55	FE-6	SDGR. Experiment Container (EC) Removal from EMCS
17:35-19:05	<b>FE-1</b>	Physical Exercise (VELO), Day 2
17:55-18:25	FE-6	SDGR. Sample Processing
18:00-19:05	<b>FE-2</b>	Physical Exercise (TVIS), Day 1
18:00-18:10	<b>FE-4</b>	IMMUNO. Saliva Sample (Session 2)
18:10-18:20	<b>FE-4</b>	IMMUNO. Second stress test, questionnaire data entry
18:20-18:25	<b>FE-4</b>	IMMUNO. Final Equipment Stowage
18:25-19:05	<b>FE-4</b>	Evening Work Prep
18:25-18:35	FE-6	SDGR. MELFI Sample Insertion
18:30-18:50	CDR	HRF - Setup Urine Sample Collection Hardware
18:35-18:50	FE-6	SDGR. Sample Processing Cleanup
18:50-19:05	CDR	Evening Work Prep
18:50-19:05	FE-6	SDGR. Container Insertion
19:00-19:05	FE-3	P/L Closeout Ops
19:05-19:30		Daily Planning Conference ( <i>S-band</i> )
19:30-19:50	FE-6	ISS - HAM Radio Session
19:30-19:35	FE-3	P/TV Playback Start
19:30-21:15	<b>FE-1</b>	Pre-sleep
19:30-21:30	CDR, <b>FE-2</b> ,	Pre-sleep

	<b>FE-4</b>	
19:35-21:25	FE-3	Pre-sleep
19:50-21:25	FE-6	Pre-sleep
21:15-21:30	<b>FE-1</b>	БМП Ф2 Absorption Cartridge Regeneration (termination)
21:25-21:30	FE-6	REMINDER - Urine Sample Collection
21:25-21:30	FE-3	P/TV Playback Stop
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-4</b>	PCPI (Data Transmission Radio Link). Data Prep on RSS2 for Downlink via PCPI
	<b>FE-1, FE-2</b>	URAGAN Observations and Photography
		Preparation of reports for Roskosmos
	<b>FE-1, FE-4</b>	ECON-M. Observations and Photography
	<b>FE-1, FE-2, FE-4</b>	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. **No T2 Exercise at 06:00 - 06:55 and 15:15 - 06:00 (05/09/13)**
- End of Radiogram