

Radiogram No. 8932u

Form 24 for 04/11/2012

**MO-1. Kulonovskiy Kristall Experiment**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	CDR, <b>FE-2</b> , <b>FE-4</b> , FE-5, FE-6	Morning Inspection
06:00-06:10	<b>FE-1</b>	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
06:10-06:40		Post-sleep
06:40-07:30		BREAKFAST
07:30-07:40		Work Prep
07:40-08:05		Daily Planning Conference ( <i>S-band</i> )
08:05-08:15	CDR	PHS Evaluation Setup
08:05-08:15	<b>FE-1</b> , <b>FE-2</b> , <b>FE-4</b> , FE-5	Work Prep
08:05-08:25	FE-6	Super Sensitive HDTV 4.8 mm Lens Recording Start
08:15-10:15	<b>FE-1</b>	TYPOLOGIA Experiment. <i>Tagup with specialists (S-band)</i>
08:15-08:45	FE-5	Periodic Health Status - Assistance
08:15-08:45	CDR	Periodic Health Status - Subject
08:15-08:25	<b>FE-4</b>	RELAKSATSIYA. Experiment Battery Charge
08:25-09:55	<b>FE-4</b>	Reconnect Cable for Nominal Lighting in ACY
08:25-09:25	FE-6	Physical Exercise T2
08:35-08:50	<b>FE-2</b>	TYPOLOGIA Experiment Assistance
08:45-09:10	CDR	Periodic Health Status (PHS) Data Entry and Hardware Stow
08:45-08:55	FE-5	Photo/TV Setup for ROBoT Ops
08:55-09:25	FE-5	Setup for Robotics OBT
08:55-09:35	<b>FE-2</b>	Sampling condensate water [KAB] from [CPB-K2M] upstream of Gas-Liquid Mixture Filter (ΦГC) (sampler removal)
09:25-10:25	FE-5, FE-6	ROBoT OBT Conference
09:30-10:00	CDR	AMINE Swingbed Maintenance Work Area Preparation
09:35-09:55	<b>FE-2</b>	Sampling condensate water [KAB] upstream of CPB-K2M БКО [Water Purification Column Unit] (setup, install sample bag for flush)
09:55-11:25	<b>FE-4</b>	Progress 411 Stowage and IMS Ops
09:55-10:55	<b>FE-2</b>	Physical Exercise T 2
10:00-11:30	CDR	Physical Exercise (ARED)
10:15-10:20	<b>FE-1</b>	Comm config to support voice comm from MRM2 during the experiment
10:20-11:20	<b>FE-1</b>	KULONOVSKIY KRISTALL Experiment. <i>Tagup with specialists (S-band)</i>
10:25-12:25	FE-5, FE-6	Onboard Training Free Flyer Rendezvous and Capture A
10:55-11:05	<b>FE-2</b>	Sampling condensate water [KAB] upstream of CPB-K2M БКО (sampler replacement)
11:05-11:45	<b>FE-2</b>	COЖ Maintenance
11:20-11:25	<b>FE-1</b>	MRM2 comm reconfig to initial
11:30-13:00	<b>FE-1</b>	Physical Exercise (TVIS), Day 3
11:30-13:00	<b>FE-4</b>	Physical Exercise (ARED)
11:30-12:30	CDR	Physical Exercise T2

11:45-13:00	<b>FE-2</b>	Equipment prepack for return on Soyuz 232
12:25-12:35	FE-5, FE-6	Onboard Training (OBT) ROBoT Conference
12:35-12:45	FE-5	Teardown ROBoT after Training Session
12:40-12:55	FE-6	Joint Station LAN (JSL) Improved Automated Payload Switch (iAPS) Connect
12:45-12:55	FE-5	Photo TV (P/TV) Robotic Onboard Trainer (ROBoT) Video Equipment Stow
12:55-13:55	CDR, FE-5, FE-6	LUNCH
13:00-14:00	<b>FE-1, FE-2, FE-4</b>	LUNCH
13:55-14:05	FE-5	PAO Hardware Setup
13:55-14:05	CDR	Amine Swingbed Video Setup
13:55-14:05	FE-6	Memory Card Replacement
14:00-14:55	<b>FE-1</b>	Equipment prepack for return on Soyuz 232
14:00-14:20	<b>FE-2</b>	[CBO-3B] water sampling to bags
14:05-14:15	CDR, FE-5, FE-6	Crew Prep for PAO
14:15-14:45	CDR, FE-5, FE-6	PAO Event
14:20-14:50	<b>FE-2</b>	Water sampling to bags from БПТ-М (HOT, WARM)
14:50-18:50	CDR	AMINE Swingbed Valve Motor Rewire
14:55-15:15	FE-6	HRF1-SLAMMD – hardware setup
14:55-15:35	<b>FE-1, FE-2, FE-4</b>	Study of cardiac bioelectric activity at rest. <b>To=15:11</b> <i>Tagup with specialists (VHF)</i>
15:00-15:15	FE-5	NanoRacks Data Collection
15:15-15:25	FE-5	HRF1-SLAMMD Body Mass Measurement
15:25-15:35	FE-6	HRF1-SLAMMD Body Mass Measurement
15:25-15:40	FE-5	Private Psychological Conference
15:35-15:55	FE-6	HRF1-SLAMMD Hardware Stowage
15:35-15:50	<b>FE-2</b>	Sampling condensate water [KAB] upstream of CPB-K2M БКО (remove sampler, disassemble the setup, discard)
15:35-16:35	<b>FE-1</b>	Network and Computer Hardware Audit
15:40-16:10	FE-5	Crew Medical Officer (CMO) Proficiency Training
15:40-16:40	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
15:50-16:05	<b>FE-2</b>	КОБ2 4ГБ4 Half-Coupling Shell Coolant Leak Check
15:55-16:05	FE-6	ECCO Insertion of Cartridges into MELFI
16:05-16:20	<b>FE-2</b>	Verify ИП-1 sensor positions
16:05-17:35	FE-6	Physical Exercise (ARED)
16:10-17:10	FE-5	Physical Exercise T2
16:20-16:40	<b>FE-2</b>	IMS Update
16:35-17:05	<b>FE-1</b>	<b>TV (ISS-MCC)</b> KULONOVSKIY KRISTALL. Preparation and TV Downlink <i>Tagup (VHF)</i>
16:40-18:10	<b>FE-2</b>	Physical Exercise (TVIS), Day 3
16:45-17:45	<b>FE-4</b>	RELAKSATSIYA. Hardware Setup. <i>Tagup with specialists (as necessary) /</i>

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17:10-17:35	FE-5	Evening Work Prep
17:15-18:10	<b>FE-1</b>	Physical Exercise T 2
17:35-19:05	FE-5	Physical Exercise (ARED)
17:35-17:50	FE-6	Private Psychological Conference
17:45-18:15	<b>FE-4</b>	RELAKSATSIYA. Hardware Mode Selection. <i>Tagup with specialists (as necessary)</i>
17:50-18:05	FE-6	Private Medical Conference
18:05-18:20	FE-6	Super Sensitive HDTV 4.8mm Lens Recording End
18:10-18:40	<b>FE-1</b>	<b>TV (ISS-MCC)</b> KULONOVSKIY KRISTALL. Preparation and TV Downlink <i>Tagup with specialists (VHF)</i>
18:15-18:35	<b>FE-4</b>	RELAKSATSIYA. Ionosphere Radiation Survey
18:20-18:35	FE-6	Evening Work Prep
18:25-19:15	<b>FE-2</b>	Evening Work Prep
18:35-19:15	<b>FE-4</b>	RELAKSATSIYA. Closeout and Hardware Teardown. <i>Tagup with specialists (as necessary)</i>
18:35-19:05	FE-6	GHF Data Check
18:40-19:15	<b>FE-1</b>	Evening Work Prep
18:50-19:05	CDR	Private Medical Conference
19:05-19:15	FE-5	Pre-sleep
19:05-19:15	CDR, FE-6	Evening Work Prep
19:15-19:40		Daily Planning Conference ( <i>S-band</i> )
19:40-19:45	FE-6	P/TV Playback Start
19:40-21:30	<b>FE-4</b>	Pre-sleep
19:40-19:45	<b>FE-1</b>	Pre-sleep
19:40-21:30	CDR, <b>FE-2</b> , FE-5	Pre-sleep
19:45-20:00	<b>FE-1</b>	HAM Radio Session (Balaklava)
19:45-21:25	FE-6	Pre-sleep
20:00-21:30	<b>FE-1</b>	Pre-sleep
21:25-21:30	FE-6	P/TV Playback Stop
21:30-06:00		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