

Radiogram No. 0693nu (**Updated**)  
**Plazmennyi Kristall Experiment**

Form 24 for 11/07/2012

TIME	CREW	ACTIVITY
06:00-06:05	CDR	PROK-URN -Urine PH Spot Test
06:00-06:05	FE-6	Urine Spot Test
06:00-06:15	<b>FE-1</b>	CHROMATOMASS. Preparation for the Experiment / r/g 0708
06:00-06:10	<b>FE-2</b>	Morning Inspection. Reboot Laptop RS2(1) RSS1, RSS2 Reboot
06:00-06:05	<b>FE-4</b>	PLAZMENNIY KRISTALL. Pressure Check
06:00-06:05	FE-3	Reaction Self Test
06:05-06:10	CDR, FE-6	Reaction Self Test
06:05-06:10	FE-3	Morning Inspection
06:05-06:10	<b>FE-4</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:10-06:20	CDR	Morning Inspection
06:10-06:40	<b>FE-2, FE-3, FE-4</b>	Post-sleep
06:10-06:40	FE-6	DK-EEG – Saving Data
06:15-06:45	<b>FE-1</b>	CHROMATOMASS. Saliva and Blood Collection
06:20-06:45	CDR	Post-sleep
06:40-06:50	FE-6	Morning Inspection
06:45-06:55	<b>FE-1</b>	Morning Inspection
06:40-07:30	FE-3, <b>FE-2, FE-4</b>	BREAKFAST
06:45-07:30	CDR	BREAKFAST
06:50-07:30	FE-6	Post-sleep
06:55-07:10	<b>FE-1</b>	Post-sleep
07:30-07:45	<b>FE-4</b>	
07:30-07:55	CDR, <b>FE-1, FE-2, FE-3, FE-6</b>	Daily Planning Conference ( <i>S-band</i> )
07:45-07:50	<b>FE-4</b>	MRM2 Comm Config before Plazmennyi Kristall-3 Experiment
07:50-08:10	<b>FE-4</b>	PLAZMENNIY KRISTALL. Hardware Activation and Experiment Start. <i>Tagup with specialists (S-band)</i>
07:55-08:10	FE-6	ISS Crew/SSIPC FD Conference
07:55-08:15	CDR, FE-3, <b>FE-2</b>	Work Prep
08:10-08:30	FE-6	BREAKFAST
08:10-08:30	<b>FE-4</b>	PLAZMENNIY KRISTALL. Start and Monitor the Experiment <b>TV (ISS-MCC)</b> . <i>Tagup with specialists (S-band)</i>
08:15-08:30	CDR	Journal Entry
08:15-09:15	FE-3	Crew time for ISS adaptation and orientation
08:15-10:35	<b>FE-2</b>	TKГ 416 Stowage and IMS Operations
08:15-08:20	<b>FE-1</b>	PLAZMENNIY KRISTALL. Check TV signal on BKY Monitor

08:20-08:35	<b>FE-1</b>	CHROMATOMASS. Closeout Ops
08:30-09:00	CDR, <b>FE-4</b> , FE-6	Kentavr Suit Adjustments (TK 706)
08:35-09:25	<b>FE-1</b>	BREAKFAST
09:00-09:10	CDR, <b>FE-4</b> , FE-6	Private Medical Conference with Kentavr Specialist ( <i>S-band</i> )
09:10-10:20	CDR, <b>FE-4</b> , FE-6	Sokol Space suit leak check. Checkout of Kazbek-UM Seat Restraint System Latch (TK 706). <i>Tagup with specialists as necessary (S-band)</i>
09:25-09:40	<b>FE-1</b>	ИП-1 Flow Sensor Position Verification
09:35-09:45	FE-3	PFE Video Setup
09:45-11:15	FE-3-subject	Periodic Fitness Evaluation Nom Ops
09:55-11:15	<b>FE-1</b>	Physical Exercise (TVIS), Day 2
10:20-11:15	CDR	Physical Exercise T2
10:20-10:50	FE-6-assistance	Periodic Fitness Evaluation Nom Ops
10:20-10:40	<b>FE-4</b>	PLAZMENNIY KRISTALL. Experiment End. <i>Tagup with specialists (S-band)</i>
10:35-11:35	<b>FE-2</b>	Crew time for ISS adaptation and orientation
10:40-10:45	<b>FE-4</b>	Comm reconfig for nominal ops
10:45-11:10	<b>FE-4</b>	PLASMA CRYSTAL data copy from the hard drive
10:50-11:30	FE-6	IFM – Dose Pump Replacement
11:15-11:25	FE-3	Stowage of Equipment Used for PFE Video Shoot
11:15-11:30	CDR, <b>FE-4</b>	Drying Sokol Suits (TK 706) - setting up suits 1 and 2 for drying
11:15-12:25	<b>FE-1</b>	MAI-75. Equipment setup
11:25-11:30	FE-3	Elite-S2 - IMU Activation
11:30-12:25	FE-6	BLR48 - Data Save and Analysis
11:30-13:00	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
11:30-12:30	FE-3	Physical Exercise T2
11:30-13:00	CDR	Physical Exercise (ARED)
11:35-12:35	<b>FE-2</b>	Physical Exercise (VELO), Day 1
12:25-13:25	FE-6	Physical Exercise T2
12:25-13:00	<b>FE-1</b>	CASKAD. Mixing in KT, Placement in Thermostat (+29 deg C) / r/g 0702
12:45-13:00	<b>FE-2</b>	CASCADE Photography
12:50-13:00	FE-3	MELF1-DRGN1 - Ice Brick Insert 4
13:00-14:00	CDR, FE-3, <b>FE-1, FE-2, FE-4</b>	LUNCH
13:25-14:25	FE-6	
14:00-14:45	<b>FE-1</b>	Crew time for ISS adaptation and orientation
14:00-14:05	CDR	PROK Diet Logging (Day 2-4)
14:00-14:40	<b>FE-2</b>	COЖ Maintenance
14:00-14:10	FE-3	Elite-S2 – IMU Deactivation
14:00-14:10	<b>FE-4</b>	Termination of Suit 1, 2 Drying (TK 706)

14:05-14:20	CDR	Private Medical Conference
14:10-14:30	FE-3	MELF3-DRGN1 - Ice Brick Insert 1
14:10-14:25	<b>FE-4</b>	Start suit 3 drying and set up the 1st pair of gloves for drying (TK 706)
14:20-14:35	CDR	Private Psychological Conference
14:25-14:35	FE-6	PanOptic Eye Examination, Equipment Setup
14:25-14:55	<b>FE-4</b>	Crew Departure Prep
14:35-14:40	FE-6	Video Setup for Panoptic
14:40-14:45	FE-6	PROK Diet Logging (Day 1)
14:45-16:50	CDR, <b>FE-1, FE-2, FE-3</b>	Emergency Hardware Familiarization OBT
14:55-15:00	<b>FE-4</b>	Terminate drying the first pair of gloves and start drying the second pair (TK 706)
14:30-14:40	FE-3	Terminate EMU METOX Regeneration
15:00-15:30	<b>FE-4</b>	Crew Departure Prep
15:05-16:35	FE-6	Physical Exercise (ARED)
15:30-15:35	<b>FE-4</b>	Terminate drying the second pair of gloves (TK 706)
15:50-16:50	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
16:35-16:40	FE-6	PanOptic Eye Exam Setup
16:50-17:00	CDR, <b>FE-1, FE-2, FE-3</b>	Emergency Hardware Familiarization OBT Conference ( <i>S-band</i> )
16:55-17:10	<b>FE-4</b>	Terminate third suit drying, start drying the third pair of gloves (TK 706)
17:00-17:15	FE-6	Private Medical Conference
17:05-17:10	FE-3	PanOptic Eye Exam Setup
17:05-18:05	<b>FE-1</b>	Physical Exercise (ARED)
17:05-18:35	<b>FE-2</b>	Physical Exercise (TVIS), Day 1
17:10-17:40	<b>FE-4</b>	VZAIMODEISTVIYE Experiment Ops
17:15-17:45	CDR-CMO FE-6-subject	PanOptic Eye Examination
17:40-17:45	<b>FE-4</b>	Terminate drying the third pair of gloves (TK 706)
17:45-18:00	CDR, <b>FE-4</b>	Stowing space suits and gloves after drying (TK 706)
17:45-18:15	FE-6 - CMO FE-3 -subject	PanOptic Eye Examination
18:00-18:05	CDR	PanOptic Eye Exam Setup
18:05-18:35	CDR	Pre-sleep
18:10-19:00	<b>FE-4</b>	Evening Work Prep
18:15-19:05	<b>FE-1</b>	Evening Work Prep
18:15-18:35	FE-6	Evening Work Prep
18:35-19:05	CDR-subject FE-6 - CMO	PanOptic Eye Examination
18:35-19:05	<b>FE-2, FE-3</b>	Evening Work Prep
19:00-19:05	<b>FE-4</b>	PLAZMENNIY KRISTALL. Pressure Check

19:05-19:30		Daily Planning Conference ( <i>S-band</i> ) <b>TKF 416 Transfers Status Report</b>
19:30-19:35	FE-6	Panoptic Video Equipment Stow
19:30-20:00	<b>FE-1</b>	Pre-sleep
19:30-20:10	<b>FE-2, FE-4</b>	Pre-sleep
19:30-21:25	FE-3	Pre-sleep
19:35-21:25	FE-6	Pre-sleep
19:55-21:15	CDR	Pre-sleep
19:30-19:35	CDR	P/TV Playback Start
19:35-19:55	CDR	PanOptic Data Downlink/Stowage
20:00-20:10	<b>FE-1</b>	PAO Hardware Setup
20:10-20:20	<b>FE-1, FE-2, FE-4</b>	Crew Prep for PAO/ r/g 0723
20:20-20:35	<b>FE-1, FE-2, FE-4</b>	<b>TV Greeting</b> on V. I. Lobachev's 75th birthday ( <i>S + Ku-band</i> )
20:35-21:30	<b>FE-1, FE-2</b>	Pre-sleep
20:35-21:20	<b>FE-4</b>	Pre-sleep
21:15-21:20	CDR	REMINDER-ICV ECHO-2. Reminder
21:20-21:30	<b>FE-4</b>	SONOCARD Experiment Start
21:20-21:25	CDR	Reaction Self Test
21:25-21:30	FE-3, FE-6	Reaction Self Test
21:25-21:30	CDR	P/TV Playback Stop
21:30-06:00		SLEEP
	<b>FE-4</b>	ECON Observations and Photography
		URAGAN Observations and Photography
		IMS Update
		RS ISS Wi-Fi Client Settings Update
	<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
- End of Radiogram