

Radiogram No. 2207u

Form 24 for 01/26/10

**KURS TEST (SM AO). SM and Progress TORU Test**

GMT	CREW	ACTIVITY
06:00-06:10	CDR, <b>FE-4</b> , FE-5, FE-6	Morning Inspection
06:00-06:05	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
06:05-06:10	<b>FE-1</b>	Morning Inspection
06:10-06:40		Post-sleep
06:40-07:30	CDR, <b>FE-1</b> , FE-5, FE-6	BREAKFAST
06:40-07:15	<b>FE-4</b>	BREAKFAST
07:15-07:45	<b>FE-4</b>	<b>TV (ISS-MCC)</b> TV Greeting on the 25th Anniversary of Krepost (Fortress) Health Resort, RSC Energia OAO Branch ( <b>To=07:13, T1, T2, T3 from CПП</b> ) (VHF)
07:30-07:45	<b>FE-1</b>	TV Greeting on the 25th Anniversary of Krepost (Fortress) Health Resort, RSC Energia OAO Branch. TV Interview for the Zvezda (Star) TV Channel
07:30-07:50	CDR, FE-5, FE-6	Work Prep
07:50-08:15		Daily Planning Conference ( <i>S-band</i> )
08:15-08:25	FE-5	Checking JEMRMS RLT-BU Connection
08:15-08:30	FE-6	CUCU Powerdown
08:15-08:35	<b>FE-1</b>	PLANTS-2. Data Downlink
08:15-08:35	CDR	VO2max Crew Portable Pulmonary Function System Setup
08:25-08:35	FE-5	JEMRMS RLT-BU Activation
08:35-08:45	CDR	VO2max Crew Portable Pulmonary Function System Power Up
08:45-09:25	<b>FE-1, FE-4</b>	Study of Cardiac Bioelectric Activity at Rest. <b>To = 08:58.</b> <i>Tagup with specialists (VHF)</i>
08:45-09:55	CDR	VO2max Crew Protocol Preparation
08:55-09:45	FE-5	Marangoni Inside (MI) Fluid Physics Experiment Facility (FPEF) Setup.3
09:15-09:45	FE-6	DOUG Software Review
09:25-09:35	<b>FE-4</b>	MRM2 Comm Config before Plasma Crystal-3 Experiment
09:25-09:35	<b>FE-1</b>	PLANTS-2. Photography
09:35-10:15	<b>FE-1</b>	Cleaning БД1 and БД2 Air Ducts in DC-1
09:35-10:45	<b>FE-4</b>	Plasma Crystal-3 Plus. Plasma Chamber Evacuation. <i>Tagup with specialists (S-band + VHF)</i>
09:45-10:30	FE-6	LAB AmiA Removal
09:45-10:00	FE-5	Marangoni Inside (MI) Fluid Physics Experiment Facility (FPEF) Cable Connection
09:55-10:35	CDR	VO2max Crew Experiment Protocol
10:00-11:30	FE-5	Physical Exercise (ARED)
10:15-11:40	<b>FE-1</b>	Physical Fitness Evaluation (on treadmill). <i>Tagup with specialists (S-band)</i>
10:30-11:30	FE-6	Physical Exercise T 2
10:35-10:45	CDR	VO2max Crew Thermolab Conclude
10:45-11:20	<b>FE-4</b>	Plasma Crystal-3 Plus. Software Installation. <i>Tagup with specialists (S-band)</i>
10:45-10:50	CDR	VO2max Crew Portable Pulmonary Function System Data Collection

10:50-11:15	CDR	VO2max Crew Mixing Bag System Stow
11:20-11:30	<b>FE-4</b>	Comm system reconfig after Plasma Crystal-3 Experiment
11:30-13:00	FE-6	Physical Exercise (ARED)
11:40-12:20	<b>FE-1, FE-4</b>	SM and Progress TORU Test Without Progress Approach & Attitude Control [ДПО] Thruster Commanding (Vehicle-To-Vehicle Test)
11:45-11:50	FE-5	JEMRMS Deactivation Prep
11:50-12:25	CDR	VO2max Crew Portable Pulmonary Function System Conclude
12:00-13:00	FE-5	Physical Exercise T 2
12:20-13:05	<b>FE-1</b>	Vozdukh Atmosphere Purification System [COA] Test from ПК Test Panel <i>Tagup with specialists (S-band)</i>
12:25-13:00	<b>FE-4</b>	Plasma Crystal-3 Plus. Copy data and dump log files from Experiment Box. <i>Tagup with specialists (S-band)</i>
13:00-14:00	CDR, FE-5, FE-6	LUNCH
13:05-14:05	<b>FE-1, FE-4</b>	LUNCH
14:00-14:45	CDR, FE-5, FE-6	20A T/L Review
14:05-15:15	<b>FE-1</b>	Vozdukh Atmosphere Purification System [COA] Test from ПК Test Panel <i>Tagup with specialists (S-band)</i>
14:05-14:10	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Pressure check. <i>Tagup with specialists (S-band)</i>
14:10-14:30	<b>FE-4</b>	IMS Update
14:30-14:45	<b>FE-4</b>	20A T/L Review
14:45-15:00	CDR, <b>FE-4</b> , FE-5, FE-6	20A Timeline Conference <i>(S-band)</i>
15:00-15:15	<b>FE-4</b>	Verify ИП-1 Flow Meter Configuration
15:00-15:10	FE-6	Unpower WDS and demate power cable, to allow removing WDS from rack front
15:05-15:15	CDR	TOCA Calibration
15:10-15:35	FE-6	OGS Rack Access
15:10-15:40	FE-5	CMOS Battery R&R for A31p Laptop
15:15-15:35	CDR	PCS Powerup
15:15-16:15	<b>FE-1</b>	Cleaning Fan B3 screen in DC1
15:15-16:15	<b>FE-4</b>	Physical Exercise (VELO), Day 1
15:35-15:40	CDR	VO2max Crew Portable Pulmonary Function System Stow
15:35-16:05	FE-6	Oxygen Generation System (OGS) Activation
15:40-15:50	CDR	Hardware Setup for Vascular Blood Collection
15:40-16:10	FE-5	CMOS Battery R&R for A31p Laptop
15:55-17:25	CDR	Physical Exercise (ARED)
16:15-17:05	<b>FE-1</b>	Replacement of filters in DC1 Dust Collector ПФ1, ПФ2( <b>ФГБ1ПГО_2_224_1, bag 402-14. Update IMS</b> ) and cleaning fan screens B1, B2
16:15-17:45	<b>FE-4</b>	Physical Exercise (TVIS), Day 1
16:35-16:55	FE-6	Oxygen Generation System (OGS) Activation
16:55-17:35	FE-6	Activate OGS Water Delivery System (WDS)
17:05-17:55	<b>FE-1</b>	MATRYOSHKA-R. Initialization and Deployment of BUBBLE-Dosimeters at Exposure Locations. <i>Tagup with specialists (S-band)</i>

17:25-17:40	CDR	Private Medical Conference ( <i>Ku+S-band</i> )
17:35-17:40	FE-6	Unpower PWD while Water Delivery System (WDS) is configured to feed OGS instead of the Portable Water Bus
17:45-18:10	FE-6	ITCS Fluid Sampling
17:45-18:05	CDR, <b>FE-4</b> , FE-5	Viewing RPM Video
17:55-18:55	<b>FE-1</b>	Physical Exercise (ARED)
18:05-18:15	CDR	TOCA Data Recording
18:05-18:15	<b>FE-4</b>	Work Prep
18:10-19:00	FE-5, FE-6	Evening Work Prep
18:15-19:00	CDR	Evening Work Prep
18:15-18:30	<b>FE-4</b>	Tagup w/specialists regarding Shuttle R-Bar pitch maneuver photo/video ( <i>S-band</i> )
18:30-19:00	<b>FE-4</b>	Evening Work Prep
18:55-19:00	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
19:00-19:25		Daily Planning Conference ( <i>S-band</i> )
19:25-19:30	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Pressure Monitoring
19:25-19:40	<b>FE-1</b>	Private Medical Conference ( <i>Ku+S-band</i> )
19:25-20:00	FE-5, FE-6	Pre-sleep
19:30-20:00	<b>FE-4</b>	Pre-sleep
19:30-21:30	CDR	Pre-sleep
19:40-21:30	<b>FE-1</b>	Pre-sleep
20:00-20:15	<b>FE-4</b>	Private Medical Conference ( <i>Ku+S-band</i> )
20:00-20:20	FE-5, FE-6	CSL Conference
20:20-21:30		Pre-sleep
20:15-21:25	<b>FE-4</b>	Pre-sleep
21:25-21:30	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Deactivate ПK-3 PLUS Experiment Box Turbo Pump
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-4</b>	COX Maintenance

**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: dinner, daily food prep, evening toilet
- End of Radiogram