

Radiogram No. 3591u

Form 24 for 10/01/2013

**ROUTINE CHECKOUT OF 251K2 DEVICES (LIGHT SENSORS).****TK 710 CARGO TRANSFERS**

<b>TIME</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	<b>CDR</b>	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:15	<b>FE-1</b>	Biochemical Urine Test
06:00-06:15	<b>FE-2</b>	Morning Inspection. RSS1, RSS2 Reboot
06:00-06:15	FE-3	HRF-SALIVA. Sample Processing
06:00-06:05	FE-5	REMINDER. Crew reminder about the experiment constraints
06:00-06:10	FE-6	Morning Inspection.
06:05-06:15	FE-5	Morning Inspection.
06:10-06:30	<b>CDR,FE-6</b>	Post-sleep
06:15-06:25	<b>FE-1</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test Visual Inspection of Circuit Breakers [A3C] in DC1 Power Switch Panel (БВП) and Fuses on DC1 Fuse Boxes БПП-30, БПП-36
06:15-06:30	<b>FE-2</b>	Biochemical Urine Test
06:15-06:20	FE-3	HRF-MELFI - Sample Insertion into MELFI
06:15-06:45	FE-5	Post-sleep
06:20-06:50	FE-3	HRF- Frozen Blood Samples Ops
06:25-06:45	<b>FE-1</b>	Post-sleep
06:30-06:45	<b>CDR</b>	Biochemical Urine Test
06:30-06:50	<b>FE-2</b>	Post-sleep
06:30-06:45	FE-6	HRF - Assistance with blood sample collection
06:45-07:30	<b>FE-1</b>	BREAKFAST
06:45-07:00	FE-5	Biochemical Urine Test
06:45-07:10	FE-6	BREAKFAST
06:50-07:15	<b>FE-2</b>	BREAKFAST
06:50-07:00	FE-3	Morning Inspection
06:55-07:15	<b>CDR</b>	BREAKFAST
07:00-07:10	FE-3	Post-sleep
07:00-07:50	FE-5	BREAKFAST
07:10-07:20	FE-3, FE-6	HRF - Centrifuge Configuration
07:20-07:40	FE-3	Post-sleep
07:20-07:50	FE-6	BREAKFAST
06:45-06:55	<b>CDR</b>	URYSIS Hardware Stow
07:15-07:30	<b>CDR, FE-2</b>	БМП Ф1 Absorption Cartridge regeneration (start) Handover
07:30-07:45	<b>CDR</b>	BREAKFAST
07:30-07:45	<b>FE-2</b>	BREAKFAST
07:30-07:50	<b>FE-1</b>	Work Prep

07:40-07:50	FE-3	BREAKFAST
07:45-07:50	<b>FE-2</b>	Work Prep
07:50-07:55	FE-3,FE-6	HRF - Sample removal and centrifuge deactivation
07:50-08:15	<b>CDR, FE-1, FE-2, FE-5</b>	Daily Planning Conference ( <i>S-band</i> )
07:55-08:15	FE-6	
08:00-08:15	FE-3	
07:55-08:00	FE-3	HRF - Blood Sample MELFI Insertion
08:15-08:55	<b>CDR</b>	ASEPTIC. Photography of medium before the experiment. <i>Tagup with specialists (S-band)</i>
08:15-08:35	<b>FE-1</b>	TK 710 Transfers and IMS Ops
08:15-08:25	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
08:15-08:20	FE-3	BIOME - Questionnaire Data Entry
08:15-09:45	FE-5	ARED Exercise
08:15-08:40	FE-6	Work Prep
08:20-08:35	FE-3	BREAKFAST
08:25-09:05	<b>FE-2</b>	COX Maintenance
08:40-09:15	<b>FE-1</b>	TK 710 Transfers and IMS Ops
08:40-08:50	FE-6	WRS Water Sample Analysis
08:40-09:10	FE-3	DOSIS. Passive dosimeter installation
09:25-09:45	FE-6	FIR Rack Doors Open
08:55-09:10	<b>CDR</b>	ASEPTIC. Placement in GB
09:10-09:15	<b>CDR</b>	ASEPTIC Box Sterilization Activation
09:10-09:40	FE-3	HRF - Close-out Ops and Stowage
09:45-09:20^55	FE-6	LMM - Setup and Video
09:15-09:45	<b>CDR</b>	ASEPTIC Photo Edit and Downlink
09:15-09:45	<b>FE-1</b>	Crew time for ISS adaptation and orientation
09:20-10:25	FE-6	ACE - Sample Prep
09:25-10:25	<b>FE-2</b>	ARED Physical
09:45-11:05	<b>FE-1</b>	VIRTUAL. Set up, Conduct Experiment and Closeout Ops. <i>Tagup with specialists (S-band)</i>
09:45-10:45	FE-3	Crew time for ISS adaptation and orientation
09:45-10:45	FE-5	T2 Exercise
10:00-10:15	<b>CDR</b>	VIRTUAL. Photography of the experiment ops
10:15-10:25	<b>CDR</b>	ASEPTIC Repositioning Equipment in the Box
10:25-11:25	<b>CDR</b>	БД-2 Exercise, Day 2
10:25-10:35	FE-6	LMM - Setup and Video
10:35-10:50	FE-6	FIR - Rack Door Close and Video
10:45-11:45	<b>FE-2</b>	Crew time for ISS adaptation and orientation
10:45-12:15	FE-3	ARED Exercise

10:45-11:55	FE-5	BCATC1 Initialization
10:50-11:50	FE-6	CIR - Hardware Setup
11:25-11:30	<b>CDR</b>	ASEPTIC Box Sterilization Deactivation
11:30-12:00	<b>CDR</b>	ASEPTIC. Surface sampling and beginning of air sampling
11:45-12:15	<b>FE-1</b>	Recovery of КОБ2 Thermal Loop 4СПН2 Panel - Preparation. <i>Tagup with specialists (S-band)</i>
11:50-12:15	FE-6	CIR - Maintenance Work Area Prep
12:00-12:15	FE-5	Private Medical Conference
12:15-13:15	.	Crew Handover; Emergency Roles and Responsibilities
13:15-14:15	<b>CDR, FE-1, FE-2</b>	LUNCH
13:15-13:25	FE-3, FE-6	PAO Hardware Setup
13:15-13:40	FE-5	WRM - Condensate Pumping Initiation
13:25-13:35	FE-6	Crew Prep for PAO
13:35-14:35	FE-3	LUNCH
13:35-14:35	FE-5	LUNCH
13:35-13:55	FE-6	PAO Event
13:55-14:55	FE-6	LUNCH
14:15-14:30	<b>CDR</b>	ИП-1 Flow Sensor Position Check
14:15-15:15	<b>FE-1</b>	TK 710 Transfers and IMS Ops
14:15-15:15	<b>FE-2</b>	Cleaning ventilation screens on FGB interior panels (panels 201, 301, 401)
14:40-15:00	FE-5	WRM - Terminate Condensate Pumping
14:50-15:00	FE-3	Crew Prep for PAO
14:55-15:00	FE-6	Crew Prep for PAO
15:00-15:05	<b>CDR</b>	ASEPTIC Monitoring Automatic Pump Shut Off
15:00-15:10	FE-3, FE-6	PAO Event
15:10-15:15	FE-6	TOCA Data Recording
15:15-15:45	<b>FE-1</b>	Crew time for ISS adaptation and orientation
15:15-15:45	<b>FE-2</b>	Clean FGB ЦБ1 Fan Guard Screen
15:15-16:15	FE-3, FE-5	ISS 37 Crew Handover
15:20-15:40	<b>CDR</b>	ASEPTIC. Preparation and Start of Air Sampling / r/g 3604
15:25-16:55	FE-6	ARED Exercise
15:40-16:10	<b>CDR</b>	OBSTANOVKA. Review, Search and Configure Hardware. <i>Tagup with specialists (S-band)</i>
15:45-16:45	<b>FE-1</b>	БД-2 Exercise, Day 1
16:10-16:30	<b>CDR</b>	IMS Update
16:15-16:30	<b>FE-2</b>	Private Medical Conference ( <i>Ku+S-band</i> )
16:15-16:45	FE-3	BIOME. Sample setup
16:15-15:55	FE-5	RGN REC-TNK - Remove depress hose for nominal operations
16:40-16:55	<b>CDR</b>	Private Medical Conference ( <i>Ku+S-band</i> )

16:45-18:10	<b>FE-1</b>	VELO Exercise, Day 1
16:45-17:15	<b>FE-2</b>	SEINER Ocean Observations
16:45-17:45	FE-3	CEVIS Exercise
16:55-18:25	<b>CDR</b>	ARED Exercise
16:55-17:55	FE-6	T2 Exercise
17:15-18:45	<b>FE-2</b>	БД-2 Exercise, Day 4
17:15-17:45	FE-5	ENERGY. Monitor Setup
17:45-17:55	FE-5	ENERGY. Water Sample Collection
17:45-18:00	FE-3	Private Medical Conference
17:55-18:45	FE-5	ENERGY-PFS. Installation
18:10-18:25	<b>FE-1</b>	Private Medical Conference ( <i>Ku + S-band</i> )
18:10-18:15	FE-3	Space Headaches - Daily Questionnaire
18:15-18:45	FE-3	Evening Work Prep
18:25-18:40	<b>CDR</b>	Evening Work Prep
18:25-18:45	FE-6	WHC Fill
18:30-18:45	<b>FE-1</b>	Evening Work Prep
18:40-18:45	<b>CDR</b>	ASEPTIC Monitoring Automatic Pump Shut Off
18:45-19:10	.	Daily Planning Conference ( <i>S-band</i> )
19:10-19:30	<b>CDR</b>	ASEPTIC. Retrieving samples from box and placing in thermostat
19:10-19:30	<b>FE-1, FE-3, FE-6</b>	Evening Work Prep
19:10-19:20	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
19:10-19:20	FE-5	BCATC1 - Intervalometer Change
19:20-19:30	FE-5	Evening Work Prep
19:20-21:15	<b>FE-2</b>	Pre-sleep
19:30-21:15	<b>CDR, FE-3</b>	Pre-sleep
19:30-21:30	<b>FE-1, FE-5, FE-6</b>	Pre-sleep
21:15-21:30	<b>CDR, FE-2</b>	БМП Ф1 Absorption Cartridge regeneration (closeout) Handover /
21:15-21:20	FE-3	Reading REMINDER
21:20-21:25	FE-3	Reading REMINDER
21:25-21:30	FE-3	Reading REMINDER
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-2</b>	Cleaning FGB ГЖТ Detachable Screens 1, 2, 3
		Preparation of reports for Roskosmos site / r/g
	<b>CDR, FE-1, FE-2</b>	ECON-M. Observations and Photography
		URAGAN Observations and Photography
		Video Footage for Roscosmos Press Service
	<b>CDR</b>	Equipment prepack for return on Sygnus

**Notes:**

1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC**
  2. Pre-sleep ops: daily food prep, dinner, pre-sleep
  3. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
  4. See OSTPV for references to US activities.
- End of Radiogram