

Radiogram No. 3109u

Form 24 for 08/07/2013

**Preparation for EVA. БД-СУ Mode Deactivation/Activation and БИТС Power Off/On**

<b>TIME</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	<b>CDR</b>	Morning Inspection. Laptop RS2(1) Reboot
06:00-07:00	<b>FE-2</b>	SPRUT-2 Experiment Ops
06:00-06:10	<b>FE-4</b>	Morning Inspection
06:00-06:10	FE-3, FE-5, FE-6	Morning Inspection
06:10-06:40	<b>CDR, FE-3, FE-4, FE-5, FE-6</b>	Post-sleep
06:40-07:30	<b>CDR, FE-3, FE-4, FE-5, FE-6</b>	BREAKFAST
07:00-07:10	<b>FE-2</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
07:10-07:30	<b>FE-2</b>	Post-sleep
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-08:15	<b>CDR, FE-3, FE-4, FE-6</b>	Work Prep
07:55-08:45	<b>FE-2</b>	BREAKFAST
07:55-08:25	FE-5	WRS Maintenance
08:15-08:20	FE-3	D2XS Battery Charge
08:15-08:20	FE-6	Lab Camcorder Nominal Reconfig
08:20-08:30	FE-3	HTV - Print approach procedure
08:25-08:35	FE-5	BCAT - Camera Battery Changeout
08:30-10:00	FE-3	ARED Exercise
08:30-10:00	FE-6	Periodic Fitness Evaluation - Nom Ops (subject)
08:40-09:20	<b>CDR</b>	COЖ Maintenance
08:45-08:55	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor / r/g 3070
08:55-09:35	<b>FE-2</b>	Activation and Inspection of Orlan No. 6
09:05-09:35	FE-5	Periodic Fitness Evaluation -NOM OPS (assistance)
09:20-10:50	<b>CDR</b>	БД-2 Exercise - Day 1
09:35-10:00	<b>FE-2</b>	Collecting SM and FGB Air Samples Using AK-1M Sampler
09:35-09:55	FE-5	Audio Dosimeter Preparation
09:45-10:15	<b>FE-4</b>	Replace backup БК-3М in Orlan No. 5
10:00-10:20	FE-6	FIR Rack Doors Open
10:00-11:00	FE-3	T2 Exercise
10:00-10:10	<b>FE-2</b>	SM Air Sampling for CO using ИПД Samplers
10:10-10:15	<b>FE-2</b>	Photo/TV Camcorder Setup Verification
10:10-10:30	FE-5	ESA Weekly Crew Conference
10:15-11:20	<b>FE-2</b>	ARED Exercise

10:15-10:25	<b>FE-4</b>	Testing КВД (Pressure Equalization Vlv) from ПхО ПОВ (ПхО EVA Support Panel)
10:20-10:30	FE-6	LMM - Setup and Video
10:25-11:20	<b>FE-4</b>	БД-2 Exercise - Day 4
10:30-11:35	FE-6	ACE - Sample Prep
10:50-11:20	<b>CDR</b>	Changeout of Purification Column in Elektron <b>Install No. 1109055 (00056495, CM1PO_1_134_1). Removed unit - for disposal. Reflect changes in IMS</b>
10:50-11:10	FE-5	ISS - HAM Radio Session
11:20-11:40	<b>FE-2</b>	Checkout of БСС (Spacesuit Interface Unit) in DC1
11:20-12:45	<b>CDR</b>	SM Ventilation System Preventive Maintenance. Group A
11:20-11:40	<b>FE-4</b>	Checkout of БСС (Spacesuit Interface Unit) in ПхО
11:20-12:10	FE-3	Pre-Gather HTV Vestibule Outfitting Kit (VOK)
11:35-11:45	FE-6	LMM - Setup and Video
11:40-11:50	<b>FE-4</b>	Spacesuit Replaceable Elements Ops
11:40-13:00	<b>FE-2</b>	
11:45-12:00	FE-6	FIR - Rack Door Close and Video
11:50-12:00	<b>FE-4</b>	Testing КВД (Pressure Equalization Valve) from DC1 ПОВ
12:00-13:30	FE-6	ARED Exercise
12:00-13:00	<b>FE-4</b>	Spacesuit Replaceable Elements Ops
12:10-12:40	FE-3	Configure D2X photo camera for RS EVA
12:30-12:45	FE-5	Private Psychological Conference
12:50-13:00	FE-5	CIR - Hardware Teardown
13:00-14:00	<b>CDR, FE-4, FE-5</b>	LUNCH
13:00-13:05	FE-3, <b>FE-2</b>	Handover of D2Xs Photo Camera to RS crew
13:05-14:00	<b>FE-2</b>	LUNCH
13:05-14:05	FE-3	LUNCH
13:30-14:30	FE-6	LUNCH
14:00-16:00	<b>FE-2, FE-4</b>	Consolidate Tool Caddy, Photography, Photo Downlink. <i>Tagup with specialists (S-band)</i>
14:00-14:30	FE-5	WRS Maintenance
14:00-15:00	<b>CDR</b>	SM Ventilation System Preventive Maintenance. Group A
14:05-14:20	FE-3	Private Medical Conference
14:30-14:45	FE-3, FE-6	SPHERES - Synchronized Position Hold, Engage, Reorient, Experimental Satellites Crew Conference
14:30-14:45	FE-5	Columbus Front Deck Rack Front Restow
14:45-15:45	FE-5	T2 Exercise
14:45-15:45	FE-3, FE-6	SPHERES - Camera Setup
15:00-15:40	<b>CDR</b>	IDENTIFIKATSIYA. Copy ИМУ-Ц micro-accelerometer data to laptop
15:40-16:00	<b>CDR</b>	IMS Update
15:45-17:15	FE-5	ARED Exercise

15:45-16:45	FE-3, FE-6	SPHERES - Test Run
16:00-16:30	<b>FE-4</b>	DC1 EVA Support Panel (ПОВ) Test
16:00-17:20	<b>FE-2</b>	БД-2 Exercise - Day 4
16:00-16:30	<b>CDR</b>	Replacement of CO2 (ВП2) Cartridge Fan
16:30-16:40	<b>CDR</b>	<b>On MCC Go</b> Mate ВП2 TLM Connectors to БИТС2-12 / r/g 3113
16:30-17:00	<b>FE-4</b>	ПхО EVA Support Panel (ПОВ) Test
16:40-16:50	<b>CDR</b>	Replacement of CO2 (ВП2) Cartridge Fan - Closeout Ops
16:45-17:05	FE-6	SPHERES Shutdown
16:50-17:20	FE-3	Ultrasound 2 - Scanning Prep
16:50-17:20	<b>CDR</b>	24-hour ECG Holter Monitoring – init
17:15-17:20	<b>FE-4</b>	Photo/TV Camcorder Setup Verification
17:15-17:25	FE-6	CWC Audit
17:20-17:30	FE-5	Ultrasound 2 - Scanning Prep
17:20-18:50	<b>FE-4</b>	ARED Exercise
17:20-17:50	<b>FE-2</b>	VZAIMODEISTVIYE. Experiment Ops
17:20-18:20	<b>CDR</b>	VELO Exercise, Day 1
17:25-17:55	FE-6	ISERV: Manual Pointing
17:30-18:10	FE-3	Ultrasound 2 Scan Ops - Subject
17:30-18:10	FE-5	Ultrasound 2 Scan Ops - CMO
17:55-18:20	FE-6	Evening Work Prep
18:05-18:55	<b>FE-2</b>	Evening Work Prep
18:10-18:50	FE-5	Evening Work Prep
18:10-18:15	FE-3	Ultrasound 2 Scan
18:15-18:25	FE-3	Ultrasound 2 Data Export
18:20-18:50	<b>CDR</b>	VZAIMODEISTVIYE Experiment Ops
18:20-18:35	FE-6	Private Medical Conference
18:25-19:05	FE-3	Evening Work Prep
18:35-19:00	FE-6	Evening Work Prep
18:50-19:05	FE-5	Ultrasound 2 Stowage
18:50-19:05	<b>CDR, FE-4</b>	Evening Work Prep
18:55-19:05	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
19:00-19:05	FE-6	Stow Video Equipment Used for ARED Exercise Video
19:05-19:30		Daily Planning Conference ( <i>S-band</i> )
19:30-21:30	<b>CDR, FE-2, FE-4, FE-6</b>	Pre-sleep
19:30-21:25	FE-3, FE-5	Pre-sleep
21:25-21:30	FE-3, FE-5	REMINDER -PFE - Reading Reminder
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-2, FE-4</b>	ECON-M. Observations and Photography
		Preparation of reports for Roskosmos site

		URAGAN Observations and Photography
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**Notes:**

1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC**
  2. See OSTPV 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. **Tagup with specialists during all EVA activities, replacement of ПУ-1 in ACY and CO2 (ВП2) cartridge fan**
- End of Radiogram