

Radiogram No. 4249u

Form 24 for 12/12/2013

Replacement of TA515 (БФC2A) in SM БИТС2-12 System. ВД-СУ Mode Deactivation/Activation and БИТС Power Off/On

TIME	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection. Laptop RS1(2) Reboot
06:00-06:05	FE-3	Reading REMINDER
06:00-06:10	FE-4	Morning Inspection. RSS1,2 Reboot
06:00-06:10	FE-2	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:10	FE-5	Morning Inspection
06:00-06:05	FE-6	Reminder: Generic Sample Blood Collection
06:05-06:15	FE-3	Morning Inspection
06:05-06:10	FE-6	REMINDER - Reading Reminder
06:10-06:40	CDR, FE-2, FE-4, FE-5	Post-sleep
06:10-06:30	FE-6	HRF - Urine Collection Operations
06:15-06:45	FE-3	Post-sleep
06:30-06:35	FE-6	HRF - MELFI Sample Insertion
06:35-07:10	FE-6	HRF Blood Draw
06:40-07:30	CDR, FE-2, FE-4, FE-5	BREAKFAST
06:45-07:00	FE-3	HRF - Assistance with blood sample collection
07:00-07:40	FE-3	BREAKFAST
07:10-07:20	FE-6	Morning Inspection
07:20-07:30	FE-6	Post-sleep
07:30-07:40	FE-6	HRF - Centrifuge Configuration
07:30-07:40	CDR, FE-2, FE-4, FE-5	Work Prep
07:40-08:00		Daily Planning Conference (<i>S-band</i>)
08:00-09:10	FE-3	Removal and Stowage of 2 IWIS RSUs: One in Node 3, another - in JPM
08:00-08:10	FE-2, FE-4, FE-5	Work Prep
08:00-08:30	CDR	РСПИ. БЗУ Software Upgrade
08:00-08:10	FE-6	Post-sleep
08:10-08:15	FE-6	HRF - Sample removal and centrifuge deactivation
08:15-09:00	FE-4	MATRYOSKA-R. Gathering and Initialization of Bubble-Dosimeter Detectors. <i>Tagup with specialists (S-band)</i>
08:15-08:45	FE-2	Preparing for ISS RS SM fan replacement with low-noise units. <i>Tagup with specialists as necessary (S-band)</i>
08:15-08:20	FE-6	HRF - Urine Sample Insertion Into MELFI
08:20-08:35	FE-6	BREAKFAST

08:30-09:30	CDR	Installation of TBM-1H SW version to support Optical Telescope System [COT] functionality on RS <i>Tagup with specialists (S-band)</i>
08:35-08:55	FE-6	HAM Radio Session
08:45-10:45	FE-2	Replacement of BB1PO fan in ISS RS SM with the low-noise units and measuring the noise level using SLM. <i>Tagup with specialists as necessary (S-band)</i>
08:55-09:25	FE-6	BREAKFAST
09:00-09:05	FE-4	MATRYOSHKA-R. Handover of BUBBLE-dosimeters to USOS
09:00-09:05	FE-5	RADIN - Handover of RADIN dosimeters
09:05-10:05	FE-4	MATRYOSHKA-R. BUBBLE-dosimeter detector initialization and deployment for exposure. <i>Tagup with specialists (if S-band is available)</i>
09:05-09:20	FE-5	Radiation Dosimetry Inside ISS-Neutrons (RADIN)
09:20-10:20	FE-3	CEVIS Exercise
09:20-10:50	FE-5	ARED Exercise
09:25-09:40	FE-6	HRF - Blood Collection Stow
09:40-10:00	FE-6	HRF - Stow Urine Collection Equipment
09:45-12:15	CDR	TKF 421 Transfers and IMS Updates
10:00-10:45	FE-6	UCB Consolidation Activity
10:10-10:15	FE-4	Preparing for TA515 Replacement (БФC2A) in SM БИТС2-12 system. <i>Tagup with specialists (S-band)</i>
10:15-11:05	FE-4	On MCC Go Replacement of TA515 (БФC2A) in SM БИТС2-12 System. <i>Tagup with specialists (S-band)</i>
10:40-11:10	FE-3	USND2 - Hardware Setup and Activation
10:45-12:45	FE-2	Replacement of BB2PO fan in ISS RS SM with the low-noise units and measuring the noise level using SLM. <i>Tagup with specialists as necessary (S-band)</i>
10:50-12:20	FE-6	ARED Exercise
10:50-11:30	FE-5	RGN REC-TNK - Remove depress hose for nominal operations
11:05-11:10	FE-4	Closeout Ops after replacement of TA515 (БФC2A) in SM БИТС2-12 System. <i>Tagup with specialists (S-band)</i>
11:10-11:20	FE-4	URAGAN. Photo Spectrum System Battery Charge (start)
11:20-11:30	FE-4	NAPOR-miniRSA. Photography before Dual Axes Pointing Platform (ДПН) Test
11:25-13:20	FE-3	SPINAL - Scanning Ops
11:30-11:45	FE-5	CFE - Hardware Test Ops Review
11:30-11:50	FE-4	MATRYOSHKA-R. Monitoring Lulin-5 readings
11:45-12:00	FE-5	CFE - MWA Setup
11:50-12:50	FE-4	VELO Exercise, Day1
12:00-13:25	FE-5	SPINAL - Ultrasound Scan Operations
12:15-12:35	CDR	IMS Update
12:45-13:45	CDR, FE-2	LUNCH
12:50-13:50	FE-4	LUNCH
12:55-13:00	FE-6	SPINAL - Documentation Photo

13:25-14:25	FE-3, FE-5, FE-6	LUNCH
13:45-15:15	CDR	БРП-М No. 0911001 R&R Ops
13:45-14:25	FE-2	Sound Level Data Downlink after taking acoustic measurements. <i>Tagup with specialists (S-band)</i>
14:25-15:25	FE-5	CFE - Preparation and Hardware Setup
14:25-14:40	FE-3	USND2 - Close-out Ops and Stowage
14:25-14:35	FE-4	NAPOR-miniRSA. Photography after Dual Pointing Platform (ДПН) test / r/g 4266
14:25-14:35	FE-6	Battery Stowage Assembly (BSA) Battery Recharge Terminate
14:35-15:15	FE-4	COЖ Maintenance
14:40-15:10	FE-6	NANORACK-P Big Picture Overview
14:55-16:25	FE-2	ARED Exercise
15:05-15:20	FE-3	IMS and Stowage Conference
15:10-15:45	FE-6	NANORACKS - Platform Removal
15:15-16:45	CDR	БД-2 Exercise, Day1
15:20-16:20	FE-3	IFM-A/L - Installation of Heater Jumper Part 1
15:25-17:25	FE-5	CFE. Test Ops
15:30-16:25	FE-4	URAGAN. Observation and Photography using Photo Spectral System (ФСС). <i>Tagup with specialists as necessary (S-band)</i>
15:45-16:50	FE-6	Columbus Coolant Fluid Servicer (CCFS) Unit Installation on COL WPA2 and Commissioning
16:25-17:25	FE-2	БД-2 Exercise, Day 4
16:35-17:25	FE-3	IFM-A/L - Installation of Heater Jumper Part 2
16:45-17:45	CDR	VELO Exercise, Day 1
16:50-17:50	FE-6	T2 Exercise
16:55-17:25	FE-4	Evening Work Prep
17:25-18:15	FE-2	Download Pille Dosimeter Readings
17:25-17:40	FE-3	Private Psychological Conference
17:25-18:55	FE-4	БД-2 Exercise, Day 1
17:25-17:55	FE-5	CFE - Hardware packing into Ziploc bags
17:40-19:10	FE-3	ARED Exercise
17:45-18:25	CDR	IDENTIFICATION. Copy ИМУ-Ц micro-accelerometer data to laptop
17:55-18:55	FE-5	CEVIS Exercise
18:15-18:30	FE-6	ANISO - Sample prep
18:15-18:40	FE-2	Evening Work Prep
18:25-19:10	CDR	Evening Work Prep
18:30-18:35	FE-6	ANISO - MELFI Sample Insertion
18:35-19:10	FE-6	Evening Work Prep
18:40-19:10	FE-2	VZAIMODEISTVIYE. Experiment Ops
18:55-19:10	FE-4, FE-5	Evening Work Prep

19:10-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-21:30	CDR, FE-2, FE-4, FE-5, FE-6	Pre-sleep
19:30-21:25	FE-3	
21:25-21:30	FE-3	REMINDER - Reading Reminder
21:30-06:00		SLEEP
Task List	CDR, FE-2, FE-4	Preparation of reports for Roscosmos site
		URAGAN Observations and Photography
		ECON-M. Observations and Photography

Note:

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. See OSTP for references to US activities.
 4. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
- End of Radiogram