

Radiogram No. 3680u

Form 24 for 10/11/2013

**Measuring PFE Antenna Feeder Reflection. Replacement of Orlan-MK No. 5 Primary Pump**

TIME	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:15	FE-1	KHROMATOMASS. Experiment setup
06:00-06:10	FE-2	Morning Inspection. RSS1, RSS2 Reboot
06:00-06:10	FE-3	Morning Inspection
06:00-06:05	FE-5, FE-6	Reaction Self Test
06:05-06:10	FE-5	REMINDER - Crew reminder about the experiment constraints
06:05-06:10	FE-6	Morning Inspection
06:10-06:40	CDR, FE-2, FE-3, FE-5, FE-6	Post-sleep
06:15-06:45	FE-1	KHROMATOMASS. Saliva and Blood Collection
06:40-07:30	CDR, FE-2, FE-3, FE-5	BREAKFAST
06:40-07:35	FE-6	BREAKFAST
06:45-06:55	FE-1	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:55-07:25	FE-1	Post-sleep
07:25-08:10	FE-1	BREAKFAST
07:30-07:50	CDR	Work Prep
07:30-08:00	FE-3	Work Prep
07:30-07:35	FE-5	ENERGY Diet Log of Breakfast
07:35-08:05	FE-6	Work Prep
07:40-08:00	FE-2	Work Prep
08:00-08:10	FE-2	CASKAD. Manual Mixing in Bioreactor
08:15-08:30		Daily Planning Conference ( <i>S-band</i> )
08:30-08:45		ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference ( <i>S-band</i> )
08:45-10:10	FE-3	ARED Exercise
08:45-09:30	FE-6	Acoustic Dosimeter Stow
08:50-09:05	FE-1	KHROMATOMASS. Closeout Ops
08:50-09:20	FE-5	USND2 - Hardware Checkout before the Experiment
08:50-09:05	CDR, FE-2	IMS Tagup ( <i>S-band</i> )
09:05-12:05	CDR	Gathering, Filling, and Replacement of CPB-K2M Adjustable Length Hoses
09:05-12:35	FE-1, FE-2	Replacement of Orlan-MK No. 5 suit primary pump. <i>Tagup with specialists (S-band)</i>
09:30-09:40	FE-6	Food Frequency Questionnaire
09:40-09:50	FE-6	Ultrasound - Scanning Prep
09:50-10:30	FE-5	Ultrasound Scan - Operator
09:50-10:30	FE-6	Ultrasound Scan - Subject
10:10-11:10	FE-3	T2 Exercise

10:30-10:35	FE-5	ENERGY - Water Sample Collection
10:30-10:40	FE-6	Ultrasound - Data Downlink
10:35-10:55	FE-5	ENERGY - Urine Sample Collection
10:40-10:50	FE-6	JEMRMS USB Virus Check
10:50-11:05	FE-6	JEMRMS - Transfer data to SSC, Deactivate, and Disconnect Power Cables
10:55-11:25	FE-5	Sensewear Activity Monitor Data Saving
11:05-11:20	FE-6	JRMS - Disconnect cables between UOP and RLT3
11:15-11:40	FE-3	EMU backpack replacement
11:25-12:05	FE-6	Ultrasound Scan - Operator
11:25-12:05	FE-5	Ultrasound Scan - Subject
11:40-11:45	FE-3	High Pressure Oxygen Bypass Configuration
11:45-13:15	FE-3	EMU Cooling Loop Maintenance, Part 1
12:05-13:35	<b>CDR</b>	ARED Exercise
12:05-12:30	FE-5	Water Recovery Management (WRM) - Condensate Pumping Initiation
12:05-12:15	FE-6	Ultrasound - Data Downlink
12:15-12:20	FE-6	Ultrasound - Closeout Ops
12:20-13:15	FE-6	RGN-REC TK – Transfer and Replacement
12:30-12:45	FE-5	Crew changes D2Xs batteries, transfers images from D2Xs Camera to SSC laptop
12:35-12:45	<b>FE-1</b>	Terminate charge of 825M3 pack
12:35-13:35	<b>FE-2</b>	БД-2 Exercise, Day 2
12:45-12:55	<b>FE-1</b>	Installation of battery <b>No. 1268861163 (00060663R, ФГБ1ПГО_2_221_1)</b> in БРТА
12:55-13:35	<b>FE-1</b>	СОЖ Maintenance
13:05-13:25	FE-5	WRM - Terminate Condensate Pumping
13:15-14:15	FE-3, FE-6	LUNCH
13:25-14:25	FE-5	LUNCH
13:35-14:35	<b>CDR, FE-1, FE-2</b>	LUNCH
14:15-14:45	FE-3	EMU Cooling Loop Maintenance, Part 2
14:20-15:00	FE-5	<b>On MCC</b> Urine Transfer to ATV Tank (using compressor)
14:20-15:20	FE-6	OH - Ocular Health Cardiac Operations
14:35-15:05	<b>FE-1, FE-2</b>	Orlan-MK No. 5 Checkout via Telemetry. <i>Tagup with specialists (S-band)</i>
14:35-15:25	<b>CDR</b>	PFE Antenna Feeder Set up to measure reflection
14:45-15:10	FE-3	OH - Assistance
15:05-15:15	<b>FE-1</b>	Removing battery from Orlan Telemetry Unit (БРТА)
15:05-16:25	<b>FE-2</b>	VIRTUAL. Set up, Conduct Experiment and Closeout Ops. <i>Tagup with specialists (S-band)</i>
15:05-15:10	FE-5	Sensewear Activity Monitor -Stowage
15:10-15:15	FE-5	SHD - Weekly Questionnaire

15:15-15:35	<b>FE-1</b>	Set up Orlan suit 825M3 Battery Pack <b>No. 1268861163 (00060663R, ФГБ1ПГО_2_221_1)</b> for discharge and initiate discharge
15:15-15:20	FE-3	SHD - Weekly Questionnaire
15:20-16:10	FE-5	OH - Ocular Health Cardiac Operations
15:20-15:35	FE-6	CEVIS Vibration Isolator Inspection
15:25-16:05	<b>CDR</b>	Measuring PFE Antenna Feeder Reflection
15:25-15:50	FE-3	OH - Assistance
15:35-16:10	<b>FE-1</b>	Evening Work Prep
15:50-16:15	FE-3	FIR Rack Doors Open
15:55-17:25	FE-6	ARED Exercise
16:05-16:20	<b>CDR</b>	Closeout Ops after Measuring PFE Antenna Feeder Reflection
16:10-17:40	<b>FE-1</b>	БД-2 Exercise, Day 3
16:15-17:35	FE-3	CVB - Cable Reconfiguration
16:20-16:45	<b>CDR</b>	Data Downlink from FSH3
16:25-17:25	FE-5	CEVIS Exercise
16:30-17:30	<b>FE-2</b>	VELO Exercise, Day 2
16:45-17:40	<b>CDR</b>	Equipment prepack for return on ATV4
17:25-18:55	FE-5	ARED Exercise
17:25-18:25	FE-6	T2 Exercise
17:30-18:00	<b>FE-2</b>	Post-Exercise Hygiene Procedure
17:35-17:55	FE-3	FIR - Rack Door Close and Video
17:40-18:40	<b>CDR</b>	БД-2 Exercise, Day 1
17:40-18:40	<b>FE-1</b>	VELO Exercise, Day 3
17:55-18:50	FE-3	EMU Cooling Loop Maintenance, Part 3
18:00-18:20	<b>FE-2</b>	IMS Update
18:20-18:30	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
18:30-18:45	FE-6	USND2 - Close-out Ops and Stowage
18:50-19:35	<b>CDR, FE-1, FE-2, FE-6</b>	Pre-sleep
18:50-18:55	FE-3	Atmosphere Control and Supply (ACS) High Pressure Nominal Configuration
18:55-19:35	FE-3, FE-5	Pre-sleep
19:35-19:55		Daily Planning Conference ( <i>S-band</i> )
19:55-20:10		Pre-sleep
20:10-20:30		Flight Director/ISS Crew Tagup
20:30-21:30	<b>CDR, FE-1, FE-2, FE-3</b>	Pre-sleep
20:30-21:25	FE-5, FE-6	Pre-sleep
21:25-21:30	FE-5, FE-6	Reaction Self Test
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-1, FE-2</b>	URAGAN. Observations and Photography
		ECON-M. Observations And Photography

		Video Footage for Roscosmos Press Service
		Preparation of reports for Roskosmos site

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