

Radiogram No. 5551u

Form 24 for 05/07/2014

**Test of FGB Kurs-P (- YMRM1) in a loop with TK 711 Kurs-A with Pre-heating. ВД-СУ MODE  
DEACTIVATION/ACTIVATION AND БИТС POWER OFF/ON. Elektron On/Off. Albedo**

TIME	CREW	ACTIVITY
06:00-06:05	CDR	Circadian Rhythms Experiment Constraints Reminder
06:00-06:10	<b>FE-1</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:10	<b>FE-2</b>	Morning Inspection. Laptop RS1(2) Reboot
06:00-06:10	<b>FE-4</b>	Morning Inspection. RSS1,2 Reboot
06:00-06:10	FE-5	Morning Inspection
06:00-06:05	FE-3	Reading REMINDER
06:05-06:20	FE-3	HRF - Sample collection in preparation for cold stowage insertion.
06:05-06:10	CDR	Reaction Self Test
06:10-06:40	CDR, <b>FE-1</b> <b>FE-2, FE-4</b> FE-5	Post-sleep
06:20-06:25	FE-3	HRF - Sample MELFI Insertion
06:25-06:55	FE-3	Post-sleep
06:40-07:30	CDR, <b>FE-1</b> <b>FE-2, FE-4</b> FE-5	BREAKFAST
06:55-07:30	FE-3	BREAKFAST
07:30-07:40	FE-5	GRAVI - Camcorder Setup
07:30-07:55	CDR, <b>FE-1</b> <b>FE-2, FE-3</b> <b>FE-4</b>	Daily Planning Conference ( <i>S-band</i> )
07:40-08:40	FE-5	GRAVI2 - Chamber Hydration for Culture experiment
07:55-08:15	<b>FE-1, FE-2</b> <b>FE-4</b>	Work Prep
07:55-08:00	FE-3	PETRI - Turning Lights On
07:55-08:30	CDR	CRHYT - Deinstrumentation
08:00-08:30	FE-3	Work Prep
08:15-08:25	<b>FE-1</b>	CONYUGATSIYA. Incubator Activation at +29 deg C
08:15-08:25	<b>FE-2</b>	OBSTANOVKA. Download of Obstanovka P/L Data from БСПН to RSS1 (start)
08:15-08:25	<b>FE-4</b>	Charging GoPro HERO3 Camcorder Battery – start
08:25-08:35	<b>FE-2</b>	URAGAN. Photo Spectrum System Battery Charge (start)
08:25-09:15	<b>FE-1</b>	Download Pille Dosimeter Readings
08:25-10:35	<b>FE-4</b>	TK 711 Transfer Ops
08:30-08:45	CDR	CRHYT - Data Downlink
08:30-08:45	FE-3	VEGGIE - Equipment Setup
08:35-09:20	<b>FE-2</b>	Installation and Connection of EKTS Antenna Feeder #540Ю=WS2 switch. <i>Tagup with specialists</i>
08:40-10:50	FE-5	GRAVI2 - H/W assembly for experiment run 2

08:45-08:55	FE-3	VEGGIE - Training Exercise
08:45-09:45	CDR	CEVIS Exercise
08:55-10:25	FE-3	ARED Exercise
09:15-09:25	<b>FE-1</b>	Replace Pille Flash Card
09:20-09:30	<b>FE-2</b>	<b>On MCC Go</b> Mating EKTS Antenna Feeder #540Ю=WS2 switch TLM connectors. <i>Tagup with specialists</i>
09:30-10:55	<b>FE-2</b>	Installing and Connecting EKTS Antenna Feeder Cables (17KC.540Ю8254A-20, -50, - 60). <i>Tagup with specialists</i>
09:45-09:55	<b>FE-1</b>	CONYUGATSIYA. Removal of Recomb-K from thermostat (+4 deg C) and Insertion into thermostat at +29 deg C. <i>Tagup with specialists</i>
09:45-10:05	CDR	ISS Crew / SSIPC FD Conference
09:55-10:10	<b>FE-1</b>	ИП-1 Flow Sensor Position Check
10:05-11:10	CDR	Marangoni Deformation 10 (MD10) Resistance Measurement
10:25-11:25	FE-3	T2 Exercise
10:35-10:50	<b>FE-1</b>	CONYUGATSIYA. Process activation, setup in ТБУ-B at +29 deg. <i>Tagup with specialists</i>
10:35-10:50	<b>FE-4</b>	CONYUGATSIYA. Photography during the activation <i>Tagup with specialists</i>
10:50-10:55	<b>FE-1</b>	Verification that Node 3 camcorder is powered on to ensure exercise video is downlinked
10:50-12:20	<b>FE-4</b>	БД-2 Exercise, Day 3
10:50-11:15	FE-5	EMCS - Container Assembly
10:55-11:35	<b>FE-2</b>	IDENTIFIKATSIYA. Copy ИМУ-Ц micro-accelerometer data to laptop
10:55-12:05	<b>FE-1</b>	ARED Exercise
11:10-11:25	CDR	Private Psychological Conference
11:15-11:25	FE-5	TOCA Waste Water Bag (WWB) Changeout
11:25-12:25	FE-5	T2 Exercise
11:25-13:25	CDR, FE-3	In-Flight Maintenance (IFM) - Bolt R&R
11:35-11:45	<b>FE-2</b>	OBSTANOVKA. Download of Obstanovka P/L Data from БСПН to RSS1 (end)
11:45-13:15	<b>FE-2</b>	VELO Exercise, Day 3
12:05-13:20	<b>FE-1</b>	Physical Fitness Evaluation (on treadmill). <i>Tagup with specialists</i>
12:20-12:30	<b>FE-4</b>	Charging GoPro HERO3 Camcorder Battery - end
12:25-12:50	FE-5	WRM Condensate Pumping Start
12:30-13:15	<b>FE-4</b>	Verification of settings and clearing GoPro HERO3 flash-cards prior to TK 711 Descent Ops. Removal of attachment plate SM-GoPro-U08 in TK 711 БО for descent stowage. <i>Tagup with specialists</i>
12:50-13:20	FE-5	Crew Departure Prep
13:15-14:10	<b>FE-2</b>	URAGAN. Observation and Photography using Photo Spectrum System
13:15-13:30	<b>FE-4</b>	Consultation on GoPro HERO3 Camcorder Operation and Setup in TK 711 [CA]. <i>Tagup with specialists</i>
13:20-13:35	<b>FE-1</b>	CONYUGATSIYA. Complete activation process, set up in thermostat (+29 deg C). <i>Tagup with specialists</i>

13:25-13:35	FE-5	WRM Condensate Pumping Terminate
13:25-13:50	CDR	BLR48 - starting measurement
13:30-14:30	FE-3	LUNCH
13:35-14:35	<b>FE-1, FE-4</b>	LUNCH
13:35-14:35	FE-5	LUNCH
13:50-14:50	CDR	LUNCH
14:10-15:10	<b>FE-2</b>	LUNCH
14:30-14:35	FE-3	APEX - Sample Retrieval from GLACIER
14:35-16:15	<b>FE-4</b>	TK 711 Transfer Ops
14:35-14:40	<b>FE-1</b>	Camcorder Stowage
14:35-14:50	FE-3	APEX - Sample Exchange
14:50-15:05	FE-5	BRIC – Activation
14:50-14:55	FE-3	APEX - GLACIER Sample Insertion
14:55-15:05	FE-3	BRIC. Historical Documentation
14:55-15:05	CDR	WRS Water Sample Analysis
15:05-15:20	FE-3	Audio Journal Entry FE3
15:05-15:15	<b>FE-1</b>	CONYUGATSIYA. Retrieval from thermostat (+29 deg C) and transfer to thermostat (+4 deg C) <i>Tagup with specialists</i>
15:05-15:20	CDR	Private Medical Conference
15:05-15:15	FE-5	VEGGIE - Hardware On-Board Training
15:10-15:50	<b>FE-2</b>	COЖ Maintenance
15:20-15:40	<b>FE-1</b>	CONYUGATSIYA. Thermostat Removal
15:20-16:25	CDR, FE-3	In-Flight Maintenance (IFM) - Bolt R&R
15:35-15:50	FE-5	Journal Entry
15:40-16:10	<b>FE-1</b>	Changeout of CPBK-2M purification column assembly [БКО]
15:50-17:20	FE-5	ARED Exercise
16:15-17:15	<b>FE-1</b>	ALBEDO. Photo Spectral System (ФСС) Prep, Imagery, Closeout Ops / r/g 5571
16:15-16:25	<b>FE-4</b>	TK 711 Transfers Complete Report
16:25-17:25	<b>FE-4</b>	Crew Departure Prep
16:30-16:45	FE-3	Private Psychological Conference
16:35-17:05	<b>FE-2</b>	Evening Work Prep
16:45-17:15	FE-3	NANO - BioRack Experiment Containers and Controllers Removal
16:50-17:20	CDR	Crew Departure Prep
17:05-18:05	<b>FE-2</b>	Physical Fitness Evaluation (on treadmill). <i>Tagup with specialists</i>
17:15-17:35	<b>FE-1</b>	IMS Update
17:15-17:20	FE-3	BIORAK - Glacier Container Insertion
17:20-17:55	FE-3, FE-5	VEGGIE - Equipment Installation and Connection
17:20-17:30	CDR	CIRCADIAN RHYTHMS - Remove and Trash Old Batteries
17:25-18:05	<b>FE-4</b>	Evening Work Prep

17:30-19:00	CDR	ARED Exercise
17:35-18:05	<b>FE-1</b>	Evening Work Prep
17:55-18:15	FE-3	VEGGIE - Software On-Board Training
17:55-18:10	FE-5	Private Psychological Conference
18:05-19:05	<b>FE-1, FE-2</b>	Recording of Video Greetings / <i>r/g 5578</i>
18:05-19:05	<b>FE-4</b>	БД-2 Exercise, Day 3
18:10-18:20	FE-5	BRIC - Sample Insertion into MELFI
18:15-18:35	FE-3	VEG - Training Exercise
18:20-19:05	FE-5	Evening Work Prep
18:35-18:50	FE-3	Private Medical Conference
18:50-19:05	FE-3	Evening Work Prep
19:00-19:05	CDR	TOCA Data Recording
19:05-19:30	.	Daily Planning Conference ( <i>S-band</i> )
19:30-21:30	<b>FE-1, FE-2 FE-4</b>	Pre-sleep
19:30-19:35	FE-5	PETRI - Turning lights off
19:30-21:25	CDR, FE-3	Pre-sleep
19:35-21:30	FE-5	Pre-sleep
21:25-21:30	CDR	Reaction Self Test
21:25-21:30	FE-3	Reading REMINDER
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-1, FE-2 FE-4</b>	Preparation of reports for Roscosmos site
		ECON-M. Observations and Photography
	<b>FE-1, FE-2</b>	URAGAN Observations and Photography

**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 OSTPV for references to US activities.
4. Russian crew uses US exercise equipment strictly per F24 or OSTPV