

Radiogram №6467u Form 24 for 06.14.2011
TYPOLOGIYA experiment. TORU test between vehicles

GMT	Crew	Activity
06:00-06:10	.	Morning inspection
06:10-06:50	FE-5	Post-sleep
06:10-06:40	FE-3	Post-sleep
06:10-06:20	CDR,FE-1	Calf volume measurements
06:10-06:35	FE-4	Post-sleep
06:10-06:45	FE-6	Post-sleep
06:20-06:30	FE-1	MO-8 setup
06:20-06:30	CDR	Post-sleep
06:30-06:35	CDR	Body mass measurement
06:30-06:55	FE-1	Post-sleep
06:35-07:00	CDR	Post-sleep
06:35-06:40	FE-4	Body mass measurement
06:40-06:45	FE-3	Body mass measurement
06:40-07:30	FE-4	Breakfast
06:45-07:30	FE-3	Breakfast
06:45-06:50	FE-6	Body mass measurement
06:50-07:30	FE-6	Breakfast
06:50-06:55	FE-5	Body mass measurement
06:55-07:00	FE-1	Body mass measurement
06:55-07:30	FE-5	Breakfast
07:00-07:10	FE-1	MO-8. Cleanup ops
07:00-07:30	CDR	Breakfast
07:10-07:30	FE-1	Breakfast
07:30-07:50	.	Work prep
07:55-08:05	FE-6	EMU purification cartridge regeneration - end
07:55-08:05	FE-3	WRS – water sample analysis
08:05-08:30	.	DPC
08:30-10:00	FE-5	PE ARED
08:30-09:10	CDR	Antivirus program update on BKC laptops
08:30-08:50	FE-3	Prep for PE recording
08:30-08:55	FE-1	Air sampling with AK-1M in SM and FGB
08:30-09:30	FE-6	Crew time for adaptation and familiarization with the station
08:30-10:50	FE-4	TYPOLOGIYA. Experiment run. <i>Tagup with specialists (S-band)</i>
08:50-09:50	FE-3	PE T2
08:55-09:05	FE-1	Air sampling with AK-1M in SM for FREON
09:05-09:15	FE-1	Air sampling with ИПД on DC in SM
09:10-09:25	CDR	TYPOLOGIYA. Assist during the run
09:15-09:55	FE-1	IDENTIFIKATSIYA. ИМУ-Ц measurement results upload to laptop
09:25-09:40	CDR	TYPOLOGIYA. Photography
09:30-10:30	FE-6	PE CEVIS

09:50-10:50	CDR	СЛС. ФА 634 unit and RSE-LCS laptop installation and connection. <i>Перез. со спец. (S-band)</i>
09:50-10:00	FE-3	PE recording – completion
09:55-11:25	FE-1	PE T2 - day 4
10:00-11:30	FE-3	PE ARED
10:00-10:05	FE-5	Reload of the system laptop
10:05-10:15	FE-5	2DNT2. Removal from MELFI
10:15-10:35	FE-5	2D Nano Template 2 – camera prep for payload ops 1
10:35-11:05	FE-5	2DNT2. Experiment run 1
10:50-11:15	FE-6	Audiogram recording using EARQ software
10:50-11:05	CDR	СЛС. Test activation of RSE-LCS laptop. <i>Tagup with specialists (S-band)</i>
10:55-12:25	FE-4	PE T2 - day 1
11:05-11:15	FE-5	2D Nano Template 2 – installation in MELFI
11:15-11:45	FE-5,FE-6	Inspection of the restrains for medical procedures
11:30-11:35	FE-3	MPC activation after payload activity
11:30-13:00	CDR	PE ARED
11:30-12:30	FE-1	Hardware search for МБРЛ setup. <i>Tagup (if needed) (S-band)</i>
11:35-11:45	FE-3	РЛС prep in Columbus module
11:45-12:00	FE-5,FE-6	Inspection of Breathing Support kit
11:45-12:00	FE-3	ISS HAM. РЛС comm session from SM
12:00-12:55	FE-3	Hardware transfer to ATV2
12:25-13:00	FE-4	Crew time for adaptation and familiarization with the station
12:30-13:00	FE-1	Prep of panels 225, 226 and 227 in SM for МБРЛ (proximity comm. equipment) mono-unit and БУАП (antenna switch control unit) installation <i>Tagup (if needed.)</i>
12:55-13:55	FE-3,FE-5,FE-6	Midday meal
13:00-14:00	CDR,FE-1,FE-4	Midday meal
13:55-15:25	FE-3,FE-6	WHC – replacement of urine receptacle and insert
13:55-14:20	FE-5	Audiogram recording using EARQ software
14:00-14:40	FE-1,FE-4	TORU test between vehicles with docked Progress 410. <i>Tagup with specialist (S-band)</i>
14:00-14:30	CDR	Replacement of urine receptacle (МП) an insert-filter (Ф-В) in АСУ. Use МП № 0800281, 00050577R, CM1PO_1_134_1, bag 408-21, 00055446R; Ф-В № 906200, 00050884R, CM1PO_1_138_1, cover 0570069, 00044339R. Update IMS
14:20-14:30	FE-5	MELF3. Placement of 2 icepacks into MELFI 3
14:40-15:15	FE-1	СОЖ maintenance
14:40-15:05	FE-4	Audiogram recording using EARQ software
14:45-15:05	CDR	IMS update
14:50-15:25	FE-5	Dosimeter prep
15:05-15:20	CDR	PMC (<i>Ku+S-band</i>)
15:25-16:25	.	Review of safety handover procedure
16:25-16:45	.	Safety conference
16:45-17:05	FE-4	Photo of the probe mark on the receiving cone of the passive docking

		mechanism
16:45-17:20	FE-5	Crew time for adaptation and familiarization with the station
16:45-16:55	FE-3	TOCA 2 – data recording
16:45-18:15	FE-6	PE ARED
16:50-17:20	CDR	Measuring perforation on ПТО ODF IVA SM
16:55-17:15	FE-3	CGBA5 – feeding spiders
17:00-18:00	FE-1	PE VELO - day 4
17:05-17:25	FE-4	Internal surface of the docking cone photo/information – downlink via OCA
17:15-17:20	FE-3	MPC deactivation after completion of payload activity
17:20-18:20	FE-5	PE T2
17:20-17:30	FE-3	ATV – hardware transfer conference
17:20-18:20	CDR	RODF replacements
17:25-17:50	FE-4	Crew time for adaptation and familiarization with the station
17:50-18:05	FE-4	PMC (<i>Ku+S-band</i>)
18:05-18:20	FE-1	PMC (<i>Ku+S-band</i>)
18:20-18:45	.	DPC (<i>S-band</i>)
18:45-19:45	FE-4	PE VELO - 1
18:45-19:45	CDR	PE T2 – day 4
18:45-19:30	FE-1,FE-3	Evening work prep
18:45-19:10	FE-5	Crew time for adaptation and familiarization with the station
18:45-18:50	FE-6	Evening work prep
18:50-19:05	FE-6	PMC
19:05-19:25	FE-6	Evening work prep
19:10-19:15	FE-5	Evening work prep
19:15-19:25	FE-5	Pre-sleep ops
19:25-19:45	FE-6	Pre-sleep ops
19:25-19:40	FE-5	PMC
19:30-19:35	FE-3	MPC - powerup
19:30-21:30	FE-1	Pre-sleep ops
19:35-21:25	FE-3	Pre-sleep ops
19:40-21:30	FE-5	Pre-sleep ops
19:45-19:50	FE-6	Stow video equipment for TVIS PE
19:45-21:20	FE-4	Pre-sleep ops
19:45-21:30	CDR	Pre-sleep ops
19:50-21:30	FE-6	Pre-sleep ops
21:20-21:30	FE-4	SONOCARD. Start of experiment
21:25-21:30	FE-3	MPC – power off
21:30-06:00	.	Sleep
Task list	CDR,FE-1,FE-4	Roscosmos website material prep
	CDR	Repacking items from CTBs for disposal on ATV

Notes:

1. SM Window #9 cover opening is at crew discretion with report to MCC
2. See OSTP for references to USOS activities

3. Pre-sleep ops: dinner, daily food prep, pre-sleep

End of radiogram