

Radiogram 4783u

Form 24 for 02.10.2014

Transfers from Progress 422 (DC1). Science Experiments

TIME	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection. SM ПСС (Caution & Warning Panel) Test SM-U connector check on MHP-HC behind panel 139 ACY
06:00-06:10	FE-2	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:10	FE-4	Morning Inspection. RSS1, RSS2 Reboot /
06:00-06:10	FE-5	HRF – Sliva Sample Collection
06:00-06:05	FE-6	Reaction self check
06:00-06:05	FE-3	REMINDER- Reading Reminder
06:05-06:10	FE-3,FE-6	Morning Inspection.
06:10-06:15	FE-5	HRF – Sample Insertion in MELFI
06:10-06:40	CDR,FE-2, FE-6,FE-4,	Post-sleep
06:10-06:25	FE-3	Post-sleep
06:15-06:25	FE-5	HRF – Hardware Stow
06:25-06:40	FE-3	JEM A/L depress
06:25-06:55	FE-5	Post-sleep
06:40-07:30	CDR,FE-2, FE-3,FE-4, FE-6	BREAKFAST
06:55-07:30	FE-5	BREAKFAST
07:30-07:55	.	DPC (<i>S-band</i>)
07:55-08:05	FE-3	JEMRMS control laptop activation
07:55-08:10	FE-6	Work prep
07:55-08:15	FE-2,FE-4, FE-5	Work prep
08:00-08:15	CDR	F1 БМП cartridge regeneration (start)
08:05-08:50	FE-3	HMS – Vision Acuity Check
08:10-08:20	FE-6	CIR – tear down
08:15-08:25	FE-2	CASCAD. Manual mixing in bioreactor
08:15-09:00	CDR	ACEPTIC. Photography of essential medium prior to starting the experiment
08:15-09:05	FE-4	Daily EKG reading (start)
08:15-08:55	FE-5	COL1A1_D2 – cleaning and hardware transfers
08:20-08:30	FE-6	COSMO – laptop setup in NODE3
08:30-09:00	FE-2	Setup for video camera КЛ-153 MRM1 connection to TBC MRM1
08:30-08:55	FE-6	COSMO - HD video camera setup
08:50-08:55	FE-3	HMS – Vision Acuity Questionnaire
08:55-09:05	FE-3	Work prep
08:55-09:15	FE-6	COSMO – camera prep
08:55-09:55	FE-5	CEVIS Exercise
09:00-09:10	FE-2	ACEPTIC. Experiment photography
09:00-09:15	CDR	ACEPTIC. Placement in Glovebox

09:05-09:10	FE-4	Comm. Config for conference from MRM2 for payload activity
09:10-10:10	FE-4	Kulonovskiy Kristall. Payload Ops
09:10-09:50	FE-2	Check wireless connection of ЦП (RS1) laptop to SM Ethernet. <i>Tagup with specialist</i>
09:15-09:30	FE-6	COSMO – camera setup, connection of microscope
09:15-09:45	CDR	ACEPTIC. Surface sampling and start of air sampling
09:30-09:45	FE-6	COSMO – camera positioning check
09:40-09:50	FE-3	JEM A/L leak check and residual air depress
09:45-10:15	CDR	ACEPTIC. Photos editing and downlinking
09:45-09:55	FE-6	FMK Deployment
09:50-10:40	FE-2	Pille dosimeter reading
09:55-11:25	FE-5	ARED Exercise
09:55-10:10	FE-6	HMS – mood change profile questionnaire
10:10-10:20	FE-3	JEM A/L depress termination confirmation
10:10-10:15	FE-4	Comm. reconfig in MRM2
10:15-10:45	FE-4	Kulonovskiy Kristall. File prep and transfer
10:15-10:30	CDR	Familiarization with T2 exercise procedures
10:15-11:15	FE-6	T2 Exercise
10:30-11:10	CDR	COЖ Maintenance
10:35-10:50	FE-3	Sliding table withdrawal towards JEF in JEM A/L, part 1
10:40-11:50	FE-2	Transfers of urgent, first-priority and US items from Progress 422 (DC1), IMS update
10:45-12:20	FE-4	
11:10-12:40	CDR	БД-2 Exercise, Day 1
11:10-11:25	FE-3	CSA-CP checkout
11:15-11:50	FE-6	T2 – monthly inspection
11:25-12:45	FE-3	CB ventilation system – cleaning and checkout
11:50-12:05	FE-2	Downlink of physical exercise data
11:50-12:10	FE-6	GSC sampling
12:05-13:20	FE-2	ARED Exercise
12:20-13:20	FE-4	VELO, Day 1
12:30-12:40	FE-6	JEMRMS clamp retrieval
12:40-12:55	FE-6	SPHERES – familiarization
12:45-12:50	CDR	ACEPTIC. Monitoring automatic pump deactivation
12:45-13:05	FE-3	BLB – laptop ops (1)
12:55-13:55	FE-6	LUNCH
13:05-13:15	FE-3	WRS – water sample analysis
13:05-13:20	CDR	ACEPTIC. Prep and start of air sampling
13:10-14:10	FE-5	LUNCH
13:15-14:15	FE-3	LUNCH
13:20-14:20	CDR, FE-2, FE-4	LUNCH
13:55-14:25	FE-6	RINGS – Battery installation
14:20-15:20	CDR	Replacement of pre-treat and water dose pump (ДКиВ). <i>Install №1302035</i>

		(00060661R, CM1PO_4_ACY_451_1). Prep for disposal in Progress 710. IMS update
14:20-16:50	FE-2,FE-4	Transfers of urgent, first-priority and US items from Progress 422 (DC1), IMS update
14:20-15:20	FE-3	BLB – laptop ops (2)
14:25-14:40	FE-6	Respiration Support kit inspection
14:30-14:45	FE-5	LSAH – familiarization
14:40-14:50	FE-6	JEM sliding table pushing back from JEF, part 1
14:45-14:55	FE-5	MSG – visual inspection
14:55-15:55	FE-5	LSAH - installation
15:15-15:25	FE-6	Close USOS window shutter
15:20-15:30	CDR	Filtration unit R&R (БФ) CO2 ИК0501 R&R. Install # 146 (00060462R, CM1PO_4_449_1, ГA filtration unit container, 00060383R). Prep for disposal in Progress 421. IMS update
15:20-15:40	FE-3	HRF1 SLAMMD test equipment setup
15:25-15:30	FE-6	RINGS – battery replacement
15:30-15:45	CDR	Verification of ABK COA VOZDUCH valves operability
15:30-17:00	FE-6	ARED Exercise
15:40-15:50	FE-3	HRF1 SLAMMD – body mass measurement
15:45-16:20	CDR	Evening Work Prep
15:50-16:10	FE-3	Stow HRF1 SLAMMD hardware after activity completion
15:55-16:55	FE-5	LSAH – hardware stow
16:10-17:10	FE-3	T2 Exercise
16:20-16:25	CDR	ACEPTIC. Monitoring automatic pump deactivation
16:40-17:00	CDR	ACEPTIC. Removal of samples from the box and placement for incubation
16:50-17:10	FE-2	IMS ops
16:50-18:20	FE-4	БД-2 Exercise, Day 1
16:55-17:05	FE-5	MSG – Glovebox power off
17:00-18:10	CDR	ACEPTIC. Glovebox closeout ops
17:00-17:05	FE-6	RINGS – battery replacement
17:05-18:50	FE-5	Inter-modular ventilation and PEPs assessment
17:05-17:55	FE-6	Evening work prep
17:10-18:00	FE-2	Evening work prep
17:10-17:15	FE-3	TOCA – data recording
17:15-18:45	FE-3	ARED Exercise
17:55-18:05	FE-6	COSMO – check imaging angle
18:00-19:00	FE-2	БД-2 Exercise, Day 4
18:05-18:25	FE-6	RINGS – battery stow
18:10-19:10	CDR	T2 exercise, Day 1
18:20-19:10	FE-4	Evening work prep
18:25-18:35	FE-6	COSMO – equipment deactivation, closeout ops
18:35-18:45	FE-6	COSMO – data re-recording
18:45-18:55	FE-6	COSMO – closeout ops

18:45-19:10	FE-3	Evening work prep
18:50-19:10	FE-5	Evening work prep
18:55-19:10	FE-6	COSMO – temp stow
19:00-19:10	FE-2	CASCAD. Manual mixing in bioreactor
19:10-19:30	.	DPC (<i>S-band</i>)
19:30-21:15	CDR	Pre-sleep
19:30-21:25	FE-6	Pre-sleep
19:30-21:30	FE-2, FE-3, FE-4, FE-5	Pre-sleep
21:15-21:30	CDR	F1 БМП absorption cartridge regeneration (end)
21:25-21:30	FE-6	Reaction Self Test
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: Dinner, Daily food prep, pre-sleep)
3. See OSTP for references to US activities.
4. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
5. Tagups with specialists are planned during ACEPTIC and Kulonovskiy Kristall activities. (***S-band***)

End of r/g