

Radiogram No. 3041u

Form 24 for 07/31/2013

ATV4 RFS Tank Pressurization

TIME	CREW	ACTIVITY
06:00-06:10	FE-3	Morning Inspection
06:00-06:05	FE-5	PROK - Urine Sample Collection
06:00-06:10	FE-2	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:10	CDR	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:10	FE-4	Morning Inspection. RSS22 Reboot
06:00-06:05	FE-6	Reaction Self Test
06:05-06:10	FE-6	Morning Inspection
06:05-06:10	FE-5	Reaction Self Test
06:10-06:40	CDR, FE-2, FE-3, FE-4, FE-6	Post-sleep
06:10-06:20	FE-5	Morning Inspection
06:20-06:50	FE-5	Post-sleep
06:40-07:30	CDR, FE-2, FE-3, FE-4, FE-6	BREAKFAST
06:50-07:40	FE-5	BREAKFAST
07:30-07:50	FE-2, FE-3, FE-4, FE-6	Work Prep
07:30-07:45	CDR	Regeneration of БМП Φ2 Micropurification Cartridge (start)
07:40-07:50	FE-5	Work Prep
07:45-07:50	CDR	Work Prep
07:50-08:15		Daily Planning Conference (<i>S-band</i>)
08:15-08:55	FE-4	ASEPTIC Photography of Medium before the experiment. <i>Tagup with specialists (S-band)</i>
08:15-08:30	CDR	Work Prep
08:15-08:25	FE-5	Work Prep
08:15-08:40	FE-6	Condensate Pumping Initiation
08:15-09:00	FE-2	CASKAD. Removal from Cryogem-03 and setup in Glovebox. <i>Tagup with specialists (S-band)</i>
08:15-08:20	FE-3	JPM Window Shutter Closure
08:25-09:25	FE-3	Physical Exercise T 2
08:30-08:40	CDR	Private Medical Conference with Physical Exercise Specialists (<i>S-band</i>)
08:30-08:45	FE-5	Columbus Deck Rack Front cleanup from stowage items
08:40-11:45	CDR	TKF 420 Transfers and IMS Updates /
08:45-09:15	FE-6	USND2 - Hardware Checkout before the Experiment
09:00-09:30	FE-2	Preparation and Review of Installation/Deinstallation of КЛ-108/109L in SM. <i>Tagup with specialists as necessary (S-band)</i>

09:00-09:15	FE-4	ASEPTIC Placement in GB
09:15-09:20	FE-4	ASEPTIC Box Sterilization Activation
09:15-09:25	FE-6	Ultrasound - Scanning Prep
09:20-09:50	FE-4	ASEPTIC Photo Edit and Downlink / r/g
09:25-10:05	FE-6	Ultrasound Scan - Operator
09:25-10:25	FE-5	T2 Exercise
09:25-10:05	FE-3	Ultrasound Scan - Operator
09:30-09:40	FE-2	Private Medical Conference with Physical Exercise Specialists (<i>S-band</i>)
09:40-10:50	FE-2	БД-2 Exercise - Day 1
09:50-10:00	FE-4	Private Medical Conference with Physical Exercise Specialists (<i>S-band</i>)
10:05-10:15	FE-6	Ultrasound Data Transfer
10:05-11:35	FE-3	ARED Exercise
10:15-10:25	FE-6	Terminate BSA Battery Maintenance Cycle
10:20-10:30	FE-4	ASEPTIC Repositioning Equipment in the Box
10:25-10:55	FE-6	Search for and Gathering of US EVA Tools for RS EVA
10:30-11:30	FE-4	VELO Exercise, Day 1
10:55-11:55	FE-6	CEVIS Exercise
11:15-11:25	FE-5	WRS Water Sample Analysis
11:25-11:35	FE-5	BCAT - Camera Battery Changeout
11:30-11:35	FE-4	ASEPTIC Box Sterilization Deactivation
11:35-12:15	FE-5	Ultrasound Scan - Operator
11:35-12:35	FE-4	EVA Procedures and Preliminary Timeline Review, DVD Review. <i>Tagup with specialists (S-band)</i>
11:35-12:15	FE-3	Ultrasound Scan - Operator
11:35-12:35	FE-2	CASKAD. Fill Bioreactor, Remove from Glovebox-S, and Setup in TBY-B No. 02 at +26 deg C. Photography. <i>Tagup with specialists (S-band)</i>
11:45-12:00	CDR	CASCADE Photography
11:55-13:25	FE-6	ARED Exercise
12:00-13:00	CDR	БД-2 Exercise - Day 2
12:15-12:20	FE-5	Ultrasound Scanning
12:20-12:30	FE-5	Ultrasound Data Transfer
12:20-12:50	FE-3	EXPRS7. Deactivation and removal of payload lockers from the front of the rack
12:35-13:15	FE-4	ASEPTIC. Surface Sampling and Beginning of Air Sampling Before Sterilization. <i>Tagup with specialists (S-band)</i>
12:35-12:45	FE-2	ASEPTIC. Experiment Photography
12:45-13:45	FE-2	LUNCH
12:50-13:50	FE-3	
13:00-14:00	CDR	
13:10-13:20	FE-5	PAO Hardware Setup
13:15-14:15	FE-4	LUNCH

13:20-13:30	FE-5	Crew Prep for PAO
13:25-14:25	FE-6	LUNCH
13:30-13:50	FE-5	PAO Event
13:45-16:25	FE-2	EVA Procedures and Preliminary Timeline Review, DVD Review. <i>Tagup with specialists (S-band)</i>
13:50-14:35	FE-3	EXPRS7 - Rotate Down
13:50-14:50	FE-5	LUNCH
14:00-14:40	CDR	COX Maintenance
14:15-16:15	FE-4	EVA Procedures and Preliminary Timeline Review, DVD Review. <i>Tagup with specialists (S-band)</i>
14:35-16:35	FE-3	EXPRS7. Deactivation and removal of payload lockers from the front of the rack
14:40-15:40	CDR	TKF 420 Transfers and IMS Updates
14:50-14:55	FE-5	PROK - Controlled Diet Log
14:55-15:15	FE-5	HRF. Urine Sample Insertion
14:55-15:00	FE-6	PROK - Unstow Equipment
15:05-15:25	FE-6	Terminate Condensate Pumping
15:35-16:35	FE-5	Ocular Health (OH) - Cardiac Operations
15:40-17:10	CDR	ARED Exercise
16:00-16:25	FE-6	Ocular Health Cardiac Operations
16:15-16:20	FE-4	ASEPTIC Monitoring Automatic Pump Shut Off
16:25-16:40	FE-2, FE-6	EVA US Tools Transfer from USOS to RS in Preparation for EVA-34 and EVA-35
16:35-16:45	FE-5	TOCA 2 Data Recording
16:35-16:45	FE-3	EXPRS7 - Rotate Up
16:35-16:55	FE-4	ASEPTIC. Retrieving samples from box and placing in thermostat
16:40-17:30	FE-2	EVA Procedures and Preliminary Timeline Review, DVD Review. <i>Tagup with specialists (S-band)</i>
16:45-17:10	FE-5	Evening Work Prep
16:45-17:30	FE-3	EXPRS7 Umbilical Mate
17:00-17:30	FE-4	EVA Procedures and Preliminary Timeline Review, DVD Review. <i>Tagup with specialists (S-band)</i>
17:10-18:40	FE-5	ARED Exercise
17:10-17:30	CDR	IMS Update
17:30-18:50	FE-2	VELO Exercise, Day 1
17:30-17:50	FE-3	EXPRS7. Deactivation and removal of payload lockers from the front of the rack
17:35-19:05	FE-4	БД-2 Exercise - Day 1
17:35-18:25	FE-6	Ocular Health Cardiac Operations and Hardware Stowage
17:50-18:15	FE-3	Ocular Health Cardiac Operations
18:00-18:50	CDR	Evening Work Prep
18:15-19:05	FE-3	

18:25-18:40	FE-6	
18:40-19:05	FE-5	Evening Work Prep
18:40-18:55	FE-6	Private Medical Conference
18:50-19:05	CDR	BIF. Transfer of case to Thermostat at +4 deg C
18:50-19:05	FE-2	Evening Work Prep
18:55-19:05	FE-6	Pre-sleep
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-19:50		Crew conference with Astronaut Office
19:50-20:05	FE-6	USND2 - Close-out Ops and Stowage
19:50-21:15	CDR, FE-5	Pre-sleep
19:50-21:30	FE-2, FE-4	
19:50-21:25	FE-3	
20:05-21:15	FE-6	
21:15-21:30	CDR	БМП Φ2 Absorption Cartridge Regeneration (termination)
21:15-21:20	FE-5, FE-6	Reading BCAT Reminder
21:20-21:25	FE-5, FE-6	Reading REMINDER
21:25-21:30	FE-5, FE-6	Reaction Self Test
21:25-21:30	FE-3	Reading BCAT Reminder
21:30-06:00		SLEEP
Task List	CDR, FE-2, FE-4	Preparation of reports for Roskosmos site
		URAGAN. Observations and Photography
		ECON-M. Observations And Photography

Notes:

1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC**
 2. See OSTPV for references to US activities.
 3. Pre-sleep ops: daily food prep, dinner, pre-sleep
 4. Russian crew uses US exercise equipment strictly per F24 or OSTPV
- End of Radiogram