

Radiogram No. 4601u

Form 24 for 01/21/2014

ORLAN Preparation for EVA

TIME	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:10	FE-2	Morning Inspection. RSS 1, 2 Reboot
06:00-06:10	FE-4	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:10	FE-5, FE-6	Morning Inspection
06:00-06:05	FE-3	ENERGY Experiment Constraints Reminder
06:05-06:15	FE-3	ENERGY - PFM/PAM Activation
06:10-06:40	CDR, FE-2, FE-5, FE-6	Post-sleep
06:10-06:25	FE-4	Regeneration of БМП Φ2 Micropurification Cartridge (start)
06:15-06:45	FE-3	ENERGY - Urine Sample Collection
06:25-06:40	FE-4	Post-sleep
06:40-07:30	CDR, FE-2, FE-5, FE-6	BREAKFAST
06:45-07:00	FE-3	ENERGY Instrument Check
06:40-07:30	FE-4	Breakfast
07:00-07:10	FE-3	Post-sleep
07:10-07:20	FE-3	ENERGY - Water Sampling
07:20-07:30	FE-3	BREAKFAST
07:30-07:55		Daily Planning Conference (<i>S-band</i>)
07:55-08:05	CDR, FE-2	Work Prep
07:55-08:15	FE-5	Work Prep
07:55-08:25	FE-6	Work Prep
07:55-08:55	FE-3	ENERGY - Measurements
07:55-08:10	FE-4	Post-sleep
08:05-08:45	CDR, FE-2	Activation and inspection of Orlan suits No. 4, No. 6
08:15-09:15	FE-5	T2 Exercise
08:25-08:50	FE-6	COSMO - HDTV Camera Setup
08:45-09:05	FE-2	Checkout of БСС (Spacesuit Interface Unit) in ПхО
08:10-08:35	FE-4	Work Prep
08:45-09:05	CDR	Checkout of БСС (Spacesuit Interface Unit) in DC1
08:50-09:20	FE-6	COSMO - Camera Preparation
08:55-09:15	FE-3	ENERGY - BREAKFAST
09:05-10:05	CDR, FE-2	Orlan Suit No. 4, No. 6, and БСС Cooling Loop Separation in DC1
09:00-10:30	FE-4	БД-2 Exercise, Day 1
09:15-10:05	FE-3	ENERGY - Measurements
09:15-10:45	FE-5	ARED Exercise
09:30-09:50	FE-6	COSMO - Camera View Check
09:50-10:00	FE-6	COSMO - Camera lens exchange

10:20-10:40	FE-6	COSMO - Experiment Ops
10:05-10:10	FE-3	ENERGY - Experiment setup
10:05-11:25	CDR	VIRTUAL. Setup, Conduct Experiment and Closeout Ops
10:05-11:05	FE-2	Cleaning Fluid System by using Degassing Pump Unit (BOC) in ПxO
10:10-11:30	FE-3	ENERGY - Measurements
10:40-10:50	FE-6	COSMO - Camera lens exchange
10:30-11:10	FE-4	Cleaning БД1 and БД2 Air Ducts in MRM2
10:45-10:55	FE-5	WRS Water Sample Analysis
10:55-11:05	FE-6	PAO Hardware Setup
10:55-11:25	FE-5	Locating US Equipment and Tools for RS EVA
11:05-11:15	FE-6	Crew Prep for PAO
11:10-12:00	FE-4	Replacement of ПФ1, ПФ2 Dust Filters and Cleaning B1, B2 Fan Screens in MRM2 (ФГБ1ПГО_4_419_1 Zone 28Б Enclosure. Reflect changes in IMS)
11:15-11:35	FE-6	PAO Event
11:25-11:40	FE-2, FE-5	Handover of US EVA Equipment and Tools to RS Crew
11:30-11:50	FE-3	ENERGY - Urine Sample Collection
11:40-11:50	FE-5	CIR - Hardware Setup
11:40-12:40	FE-6	T2 Exercise
11:40-11:45	CDR	TERMO-LADA. Visual Inspection of Hardware Operation
11:45-13:15	CDR	БД-2 Exercise, Day 1
11:50-12:40	FE-3	ENERGY - Measurements
12:00-12:40	FE-4	Microbial Monitoring of the Environment (sample collection for the first kit)
11:50-12:15	FE-5	WRM - Condensate Pumping Initiation
12:00-13:30	FE-2	ARED Exercise
12:40-13:40	FE-6	LUNCH
12:40-13:00	FE-3	ENERGY - Urine Sample Collection
12:45-13:25	FE-4	Filling (separation) of EDV [KOV] for Elektron
12:50-13:00	FE-5	WRM - Terminate Condensate Pumping
13:00-14:00	FE-3	LUNCH
13:10-14:10	FE-5	LUNCH
13:25-14:05	FE-4	COЖ Maintenance
13:30-14:30	CDR, FE-2	LUNCH
13:40-14:25	FE-6	Gather BASS samples, InSpace tapes, in a 1.0 CTB, then stage for SpX-3 return.
14:00-14:05	FE-3	ENERGY Diet Log of Lunch
14:05-15:05	FE-4	LUNCH
14:05-14:15	FE-3	ENERGY - Closeout Ops
14:10-14:20	FE-5	HOSC - Hard Drive Installation
14:15-14:20	FE-3	ENERGY - File transfer to laptop
14:20-16:50	FE-5	Sound Level Meter Ops

14:20-14:30	FE-3	ENERGY - Data Transfer and Equipment Power Down
14:25-14:40	FE-6	Bracket Stowage
14:30-15:50	CDR, FE-2	Working with space suits replaceable elements, inspection
14:40-15:05	FE-6	Transfer of 3.0 CTB CWC-I from PMM to Node 3
15:05-16:05	FE-4	Replacement of CPBK-2M Gas-Liquid Mixture Filter (ΦГC) Install ΦГC No. 1009019 (00053765R, МИМ1_П5_407_1). Discard the removed unit. Reflect changes in IMS
15:20-16:50	FE-3	ARED Exercise
15:35-15:50	FE-6	COSMO -Camera View Check
15:50-16:50	CDR	VELO Exercise, Day 1
16:10-17:10	FE-4	Replacement of CД1-7 Light in DC1
16:15-16:30	FE-2	Private Medical Conference (<i>S + Ku-band</i>)
16:35-18:20	FE-2	MOTOCARD. Experiment Ops <i>Tagup with specialists</i>
16:50-17:20	CDR	MOTOCARD. Experiment Assistance. <i>Tagup with specialists</i>
16:50-17:05	FE-5	SLM data transfer
16:50-17:50	FE-3	CEVIS Exercise
16:55-18:25	FE-6	ARED Exercise
17:10-18:10	FE-4	VELO Exercise, Day 1
17:20-17:30	CDR	Terminate and remove from charging the 2nd Orlan-MK battery pack 825M3
17:30-17:35	FE-5	TOCA Data Recording
17:35-17:45	FE-5	TOCA Waste Water Bag (WWB) Changeout
17:30-18:20	CDR	TKГ 420 Packing and IMS Ops
17:45-18:00	FE-5	RGN - Initiate drain into EDV
18:10-18:25	FE-4	Private Medical Conference (<i>S + Ku-band</i>)
18:10-19:05	FE-3	Evening Work Prep
18:20-18:40	CDR	IMS Update
18:20-19:05	FE-2	Evening Work Prep
18:25-18:50	FE-4	Evening Work Prep
18:25-18:35	FE-6	COSMO - Camera lens exchange
18:25-18:40	FE-5	RGN - Terminate drain into EDV
18:35-18:50	FE-6	COSMO - Camera View Check
18:40-18:50	CDR	Evening Work Prep
18:40-19:05	FE-5	Evening Work Prep
18:50-19:05	CDR	Private Medical Conference (<i>S + Ku-band</i>)
18:50-19:05	FE-4	БМП Φ2 Absorption Cartridge Regeneration (termination)
18:50-19:00	FE-6	COSMO - Hardware Deactivation, Closeout
19:00-19:05	FE-6	Pre-sleep
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-21:30	CDR, FE-2	Pre-sleep
19:30-21:10	FE-4	Pre-sleep

19:30-19:45	FE-6	COSMO - Temporary Stowage
19:30-20:50	FE-5	Pre-sleep
19:30-21:20	FE-3	Pre-sleep
19:45-21:30	FE-6	Pre-sleep
21:00-21:30	FE-5	Pre-sleep
21:10-21:30	FE-4	Preparation for MO-21. Ecosfera Battery Charge
21:20-21:25	FE-3	Reading REMINDER
20:50-21:00	FE-5	USOS Window Shutter Close
21:25-21:30	FE-3	ENERGY Diet Log of Dinner
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

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**
 5. **Tagups with specialists during all EVA-37A prep activities.**
- End of Radiogram