

Radiogram No. 2083u

Form 24 for 04/16/2013

Orlan Suited Exercise for Emergency P/O Ingress. TKF 418 DC1 TORU Test

TIME	CREW	ACTIVITY
06:00-06:05	FE-6	PROK - Urine Sample Collection
06:00-06:05	CDR	PROK. Urine PH Test
06:00-06:10	FE-3	Morning Inspection
06:00-06:10	FE-4	Morning Inspection. RSS1, RSS2 Reboot
	FE-2	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
	FE-1	Morning Inspection. Reboot Laptop RS2(1)
06:05-06:10	CDR, FE-6	Reaction Self Test
06:10-06:20	CDR	BCAT. Camera Battery Changeout
06:10-06:40	FE-1, FE-2, FE-3, FE-4	Post-sleep
06:10-06:20	FE-6	Morning Inspection
06:20-06:40	FE-6	Post-sleep
06:20-06:25	CDR	REMINDER. Crew Reminder about the ENERGY Experiment
06:25-06:30	CDR	REMINDER-BP REG - Reading Reminder
06:30-06:40	CDR	Morning Inspection
06:40-07:20	CDR	Post-sleep
06:40-07:30	FE-1, FE-2, FE-3, FE-4, FE-6	BREAKFAST
07:20-07:25	CDR	ENERGY Diet Log of Breakfast
07:25-07:50	CDR	BREAKFAST
07:30-07:50	FE-1, FE-3, FE-4, FE-6	Work Prep
07:30-07:40	FE-2	CASKAD. Manual Mixing in Bioreactor
07:40-07:50	FE-2	Verification of antivirus scan results on BKC laptops and Status Report
07:50-08:15		Daily Planning Conference (<i>S-band</i>)
08:15-08:35	FE-6	SPHERES - File Transfers from USB
08:15-08:50	CDR	Audio Dosimeter Preparation
08:15-08:30	FE-2	БМП Ф1 Absorption Cartridge Regeneration (start)
08:15-08:30	FE-3	Combustion Integrated Rack (CIR) Rack Door and Temperature Check
08:20-09:05	FE-1, FE-4	Viewing DOUG EVA-32 Model
08:30-09:30	FE-2	Video for Roskosmos TV Studio
08:30-08:45	FE-3	CIR. Close Manifold Bottle Valves
08:35-10:05	FE-6	SPHERES - Setup and Record
08:45-08:55	FE-3	CIR Rack Doors Close
08:50-10:20	CDR	Periodic Fitness Evaluation - Nom Ops (subject)
08:55-09:05	FE-3	Glove Box (MSG) Activation
09:10-09:50	FE-1, FE-4	TORU Test with Docked TKF 418. <i>Tagup with specialists (S-band, RGS)</i>
09:25-09:55	FE-3	Periodic Fitness Evaluation - Nom Ops (assistance)

09:30-09:40	FE-2	SM CO measurement using CMS unit
09:45-12:45	FE-2	Wetting and Flushing SKV2 BTA Heat Exchanger-Evaporator wicks. <i>Tagup with specialists (S-band)</i>
09:50-11:20	FE-4	Physical Exercise (TVIS), Day 1
09:50-10:30	FE-1	IDENTIFIKATSIYA. Copy ИМУ-Ц micro-accelerometer data to laptop
09:55-10:35	FE-3	BASS. Preparation steps
10:05-13:05	FE-6	SPHERES. Start VERTIGO Test
10:20-11:50	CDR	Physical Exercise (ARED)
10:35-11:35	FE-3	Physical Exercise (CEVIS)
10:45-11:00	FE-1	ИП-1 Flow Sensor Position Verification
11:00-11:40	FE-1	COЖ Maintenance
11:45-12:30	FE-4	TKГ 418 (DC1) Activation
11:45-11:50	FE-1	Set up video equipment to record ARED exercise
11:50-13:20	FE-1	Physical Exercise (ARED)
11:55-12:00	CDR	ENERGY - Water Sample Collection
12:00-12:20	CDR	ENERGY - Urine Sample Collection
12:05-12:15	FE-3	MELFI. 3 Ice Brick Insertion into MELF3
12:15-12:55	FE-3	BASS. Test Ops
12:30-12:50	FE-4	TKГ-CY and CO-CY transfer hatches closure
12:40-12:50	CDR	BCAT3. Camera Checkout
12:45-13:45	FE-2	Physical Exercise (VELO), Day 3
12:50-13:50	CDR	LUNCH
12:50-13:50	FE-4	TKГ-CY and CO-CY hatch leak check
12:55-13:55	FE-3	LUNCH
13:20-14:20	FE-1	LUNCH
13:40-14:40	FE-6	LUNCH
13:50-14:00	CDR	PROK - Diet Log (Day 1)
13:50-14:50	FE-2, FE-4	LUNCH
14:00-14:05	CDR	ENERGY Diet Log of Lunch
14:10-15:00	CDR, FE-3	RGN-REC TK - Recycle Tank Remove and Replace
14:20-14:50	FE-1	Installation of Additional Portable Repress Tank (БНП) No. 17 in DC1
14:40-14:45	FE-6	PROK. Diet Logging Day 2- Day 4
14:45-15:10	FE-6	SPHERES - Data Export from USB Drive
14:50-15:10	FE-2	IMS Update
14:50-15:05	FE-1, FE-4	Configure ПхО prior for Pressurized Orlan Translation Training
15:00-16:20	FE-3	BASS. Closeout Ops
15:00-15:15	CDR	RGN - Initiate drain into EDV
15:05-16:35	FE-1, FE-4	Transfer of two Pressurized Orlan Suits to ПхО
15:10-15:25	FE-2	Private Medical Conference (<i>S + Ku-band</i>)
15:20-15:35	FE-6	ARED Flywheel Cylinder Evacuation

15:25-16:25	FE-2	Assistance in Transfer of two Pressurized Orlan Suits to ПxO
15:30-15:45	CDR	RGN - Terminate drain into EDV
15:35-17:05	FE-6	Physical Exercise (ARED)
16:05-16:15	CDR	PAO Hardware Setup
16:15-16:25	CDR	Crew Prep for PAO
16:20-16:35	FE-3	Combustion Integrated Rack (CIR) Rack Door and Temperature Check
16:25-16:45	CDR	PAO Event
16:25-17:55	FE-2	Physical Exercise (TVIS), Day 3
16:35-16:50	FE-1, FE-4	Configuring ПxO to Initial State after EVA Training
16:35-16:50	FE-3	CIR. Open Manifold Bottle Valves
16:50-17:00	FE-3	CIR - Rack Doors Close
16:50-17:05	FE-1, FE-4	Orlan-MK Drink Bag Refill and Install
17:05-18:05	FE-4	Physical Exercise (VELO), Day 1
17:05-17:30	CDR	BP. Registration Ops Overview
17:05-17:20	FE-1	Private Medical Conference (<i>S + Ku-band</i>)
17:05-18:05	FE-6	Physical Exercise T2
17:10-17:20	FE-3	MSG - Powerdown
17:20-17:50	FE-1	INTERACTION Experiment Ops
17:20-18:50	FE-3	Physical Exercise (ARED)
17:30-18:30	CDR	BP. Hardware setup
17:50-18:50	FE-1	Physical Exercise (TVIS), Day 4
17:55-18:40	FE-2	Evening Work Prep
18:05-18:35	FE-4	VZAIMODEISTVIYE Experiment Ops
18:05-18:25	FE-6	HRF Urine Sample Collection
18:25-18:50	FE-6	Evening Work Prep
18:30-18:50	CDR	Evening Work Prep
18:35-18:50	FE-4	Private Medical Conference (<i>S + Ku-band</i>)
18:40-18:50	FE-2	CASKAD. Manual Mixing in Bioreactor
18:50-19:15		Daily Planning Conference
19:15-19:30		Evening Work Prep
19:30-21:15	FE-2	Pre-sleep
19:30-21:30	FE-1, FE-4, FE-6	Pre-sleep
19:30-21:25	FE-3	Pre-sleep
19:30-19:35	CDR	P/TV Playback Start
19:35-21:00	CDR	Pre-sleep
21:00-21:05	CDR	Reaction Self Test
21:05-21:10	CDR	ENERGY Diet Log of Dinner
21:10-21:20	CDR	BCAT Camera Battery Changeout
21:15-21:30	FE-2	БМП Φ1 Absorption Cartridge Regeneration (termination)

21:20-21:25	FE-6	REMINDER. Urine Sample Collection
21:20-21:25	CDR	REMINDER-BP - Reading Reminder
21:25-21:30	FE-3	REMINDER -PFE - Reading Reminder
21:25-21:30	FE-6	Reaction Self Test
21:25-21:30	CDR	P/TV Playback Stop
21:30-06:00	.	SLEEP
Task List	FE-2, FE-4	РСПИ (Data Transmission Radio Link). Data Prep on RSS2 for Downlink via РСПИ

Notes:

1. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC**
 2. See OSTP 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**
 5. **Do not use RS windows during LCS Experiment at 15:45-16:00 and 19:00-19:15:**
 6. **Tagups with specialists (VHF, S-band) during all Orlan suited exercise for emergency ПхО ingress activities.**
- Comm from DC1 is executed in S/G1 without additional configuration.**
- End of Radiogram