

Radiogram No. 5879u  
**ORLAN Preparation for EVA**

Form 24 for 06/16/2014

TIME	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection.
06:00-06:10	<b>FE-1</b>	Morning inspection, RSS1,2 Reboot Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:00-06:10	<b>FE-2</b>	Morning Inspection, Laptop RS1(2) Reboot
06:00-06:10	<b>FE-4</b>	Morning Inspection. SM ПСС [Caution & Warning Panel] Test
06:00-06:05	FE-5, FE-6	Reading REMINDER
06:05-06:10	FE-6	Morning Inspection.
06:05-06:10	FE-5	Reading REMINDER
06:10-06:15	FE-5	PROK - Urine Sample Collection
06:10-06:40	CDR, <b>FE-1</b> , <b>FE-2</b> , <b>FE-4</b> , FE-6	Post-Sleep
06:15-06:35	FE-5	HRF Urine Sample Collection
06:35-06:40	FE-5	HRF - Urine Sample MELFI Insertion
06:40-07:30	CDR, <b>FE-1</b> , <b>FE-2</b>	BREAKFAST
06:40-07:25	<b>FE-4</b>	BREAKFAST
06:40-07:10	FE-6	BREAKFAST
06:40-06:45	FE-5	Reading REMINDER
06:45-07:00	FE-5	Post-Sleep
07:00-07:35	FE-5	HRF Blood Draw
07:10-07:25	FE-6	HRF - Blood collection assistance
07:25-07:35	FE-6	MSG - Glovebox Activation
07:25-07:35	<b>FE-4</b>	Crew Prep for PAO
07:30-07:35	CDR, <b>FE-1</b> , <b>FE-2</b>	Prep for Work
07:35-08:00	CDR, <b>FE-1</b> , <b>FE-2</b> , FE-6	Daily Planning Conference ( <i>S-band</i> )
07:35-07:50	<b>FE-4</b>	
07:35-07:55	FE-5	Daily Planning Conference
07:50-08:00	<b>FE-4</b>	PAO Hardware Setup
07:55-08:05	FE-5	HRF Refrigerated Centrifuge Configuration
08:00-08:15	<b>FE-1</b> , <b>FE-2</b>	Prep for Work
08:00-08:20	FE-6	Prep for Work
08:00-09:30	CDR	ARED Exercise
08:00-08:10	<b>FE-4</b>	TV PAO with the members of the RF Public Chamber
08:05-08:35	FE-5	BREAKFAST
08:15-08:30	<b>FE-1</b>	<b>On MCC GO</b> Regeneration of БМП Φ1 Micropurification Cartridge (start)
08:15-08:30	<b>FE-2</b>	Medical Kit config for EVA
08:15-09:00	<b>FE-4</b>	TKF 427 (DC1) Activation, Air Duct Removal

08:20-08:25	FE-6	BLR48 - Experiment start
08:25-09:15	FE-6	BASS Prep Ops
08:30-10:00	<b>FE-1, FE-2</b>	Installation of US EMU lights, TV cameras, and REBA units on Orlan 4 and 5
08:35-08:40	FE-5	HRF - Crew removes blood tubes and powers off the Refrigerated Centrifuge
08:40-08:45	FE-5	HRF - MELFI Sample Insertion
08:45-09:00	FE-5	BREAKFAST
09:00-09:15	FE-5	PHS Equipment Setup
09:00-09:20	<b>FE-4</b>	DC1-TKF 427 Hatch Closure
09:15-09:30	FE-5	Periodic Health Status - assistance
09:15-09:30	FE-6	Periodic Health Status - subject
09:20-10:20	<b>FE-4</b>	<b>On MCC GO</b> CO-CY and TKF-CY hatch leak check
09:30-11:00	FE-6	ARED Exercise
09:30-09:45	CDR	Acoustic Dosimeter Setup
09:30-09:40	FE-5	BREAKFAST
09:40-10:10	FE-5	Install US EMU lights, TV cameras, and REBA units on Orlan 4 and 5 - assistance
09:45-10:20	CDR	WRS Sample Collection
10:10-10:35	FE-5	BLR48 - Experiment start
10:20-10:30	CDR	TOCA Potable Water Dispenser (PWD) Sample Analysis
10:25-10:40	<b>FE-2</b>	Preparing Orlan Comm and Telemetry Assets
10:25-11:05	<b>FE-4</b>	Filling (separation) of EDV [KOV] for Elektron
10:35-10:50	FE-5	Periodic Health Status - subject
10:35-10:50	CDR	Periodic Health Status - assistance
10:40-11:10	<b>FE-1, FE-2</b>	Checkout of Beta-08 Data Output Device (УСИ) Using Gamma-1M
10:50-11:10	CDR	PBA- discharge
10:50-11:10	FE-5	Periodic Health Status (PHS) Data Entry and Hardware Stowage
11:00-12:20	FE-6	BASS Test Ops
11:05-11:45	<b>FE-4</b>	COЖ Maintenance/ 4.4, step 1, p. 4-26
10:10-11:40	<b>FE-1, FE-2</b>	Orlan and БСС telemetry check. Orlan comm check and medical parameter test / <i>Tagup with specialists</i>
11:10-11:30	FE-5	HRF Urine Sample Collection
11:20-11:55	CDR	Water processing using MCD
11:30-11:35	FE-5	HRF - Urine Sample MELFI Insertion
11:35-12:35	FE-5	T2 Exercise
11:40-12:30	<b>FE-1</b>	VELO Exercise, Day 1
11:40-11:50	<b>FE-1</b>	Comm reconfig into initial after Orlan Comm. Check
11:45-12:00	<b>FE-4</b>	Exercise data downlink / r/g 2639
11:50-13:00	<b>FE-2</b>	ARED Exercise
11:55-13:10	CDR	WHC - Air Hose (AH) and Liquid Indicator (LI) Remove and Replace
12:00-13:00	<b>FE-4</b>	БД-2 Exercise, Day 4
12:30-13:00	<b>FE-1</b>	Install Additional Portable Repress Tank (БНП) No. 17 in DC1

12:35-12:45	FE-5	PAO Hardware Setup
12:35-12:55	FE-6	Sabatier accumulator purge
12:45-12:55	FE-5	Crew Prep for PAO
12:55-13:15	FE-5	PAO Event
13:00-14:00	<b>FE-1, FE-2, FE-4</b>	LUNCH
13:15-14:15	FE-5	LUNCH
13:15-14:10	CDR	LUNCH
13:20-13:30	FE-6	Private Conference with Exercise Specialist
13:30-14:30	FE-6	LUNCH
14:00-14:15	<b>FE-1, FE-2</b>	ΠxO Config for Training Exercise <i>Tagup with specialists</i>
14:00-14:15	<b>FE-4</b>	URAGAN. Observation and photography / r/g 5864
14:10-14:15	CDR	ACE - Session Overview
14:15-14:30	CDR	ACE - Maintenance Work Area (MWA) Preparation
14:15-14:25	FE-5	PROK - Diet Logfile and PH Logsheet Photography
14:15-15:45	<b>FE-1, FE-2</b>	Pressurized Orlan Suit Translation Training in ΠxO (drill for emergency translation to ΠxO in the event of DC1 leak) <i>Tagup with specialists</i>
14:15-15:30	<b>FE-4</b>	Pressurized Orlan Suit Translation Training in ΠxO (drill for emergency translation to ΠxO in the event of DC1 leak) <i>Tagup with specialists</i>
14:25-14:40	FE-5	HRF - Closeout Ops and Stowage
14:30-15:00	CDR	ACE - MWA Setup
14:40-14:45	FE-5	Relocate and configure an SSC, in preparation for subsequent activity with EMU
14:45-15:35	FE-5	Initiate EMU LLB Battery Autocycle
15:00-15:15	CDR	ACE - Replace Samples in MWA
15:15-15:30	CDR	ACE - MWA Stowage
15:30-15:35	CDR	TOCA Data Recording
15:30-17:00	FE-6	BASS Closeout Ops
15:30-15:45	<b>FE-4</b>	URAGAN. Photo Prep and Downlink
15:35-16:20	CDR	CCAA – thermal expansion bubble injection in removed ORU
15:35-15:55	FE-5	HRF - Stow Urine Collection Equipment
15:45-15:55	<b>FE-4</b>	OBSTANOVKA. Download of Obstanovka P/L Data from БСПН to RSS1 (start)
15:45-16:00	<b>FE-1, FE-2</b>	Configuring ΠxO to Initial State after EVA Training / r/g 5865
15:55-16:05	<b>FE-4</b>	Replacement of CO2 Filter Unit ИK0501. <b><i>Install No. 149 (00060465R, CM1PO_4_449_1, Container (00060383R). Reflect changes in IMS</i></b>
15:55-16:00	FE-5	Return SSC (crew preference) used for subsequent activity, EMU-LLB AUTO-INIT
16:00-17:00	<b>FE-1, FE-2</b>	Review EVA Translation Paths and Work Zones using DOUG Application. <i>Tagup with specialists</i>
16:05-16:35	<b>FE-4</b>	Photography of Area behind SM panels 336, 338
16:20-16:40	CDR, FE-5	Installation of removed ORU in FSE hardware

16:40-16:55	CDR	CCAA – stow after replacement
16:50-17:05	FE-5	JRNL entry
16:55-17:10	CDR	BODYM - Equipment Gathering
17:00-17:40	<b>FE-2</b>	Portable repress tank (БНП) <b>№. 3 п.1 (001473R, МИМ2_Пм_302)</b> setup in [PO]
17:00-18:30	<b>FE-1</b>	БД-2 Exercise, Day 1
17:05-18:35	FE-5	ARED Exercise
17:10-17:30	FE-6	Sabatier accumulator purge
17:10-17:40	<b>FE-4</b>	Evening Work Prep
17:30-18:30	FE-6	CEVIS Exercise
17:35-18:35	CDR	T2 Exercise
17:40-18:40	<b>FE-4</b>	VELO Exercise Day 4
17:40-18:05	<b>FE-2</b>	Evening Work Prep
18:05-19:05	<b>FE-2</b>	БД-2 Exercise, Day 4
18:30-18:40	FE-6	MSG - Glovebox Powerdown
18:35-19:05	CDR, <b>FE-1</b> , FE-5	Evening Work Prep
18:40-18:55	<b>FE-4</b>	Evening Work Prep
18:40-19:05	FE-6	Evening Work Prep
18:55-19:05	<b>FE-4</b>	OBSTANOVKA. Download of Obstanovka P/L Data from БСПН to RSS1 (end)
19:05-19:10		Pre-sleep
19:10-19:35		Daily Planning Conference ( <i>S-band</i> )
19:35-21:30	<b>FE-2, FE-4</b> , FE-5, FE-6	Pre-sleep
19:35-21:25	CDR	Pre-sleep
19:35-21:15	<b>FE-1</b>	Pre-sleep
21:15-21:30	<b>FE-1</b>	<b>On MCC GO</b> Regeneration БМП Ф1 Micropurification Cartridge (termination)
21:25-21:30	CDR	Reading REMINDER
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-1, FE-2</b> , <b>FE-4</b>	Report Preparation for Roscosmos site
		Photography for Roscosmos Press Office
		ECON-M. Observations and Photography
	<b>FE-4</b>	IMS Delta File Prep

**Notes:**

1. SM Window No. 9 shutter opening is at crew discretion w/ **Report to MCC** / r/g 6057
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**  
**No T2 Exercise from 12:35 – 12:55; 17:10 – 17:30**  
End of Radiogram