

Radiogram No. 6327u

Form 24 for 08/11/2014

**ORLAN Preparation for EVA**

TIME	CREW	ACTIVITY
06:00-06:10	CDR, FE-5, FE-6	Morning Inspection
06:00-06:10	<b>FE-1</b>	Morning Inspection. Laptop RS1(2) Reboot
06:00-06:10	<b>FE-2</b>	Morning Inspection. Reload Laptop RSS2 Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:00-06:10	<b>FE-4</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:10-06:40		Post-sleep
06:40-07:05		BREAKFAST
07:05-07:30		Daily Planning Conference ( <i>S-band</i> )
07:30-07:55		BREAKFAST
07:55-08:15	CDR, <b>FE-1</b> , <b>FE-4</b> , FE-5	Work Prep
07:55-08:05	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
07:55-08:15	FE-6	Work Prep
08:05-08:15	<b>FE-2</b>	Terminate 825M3 unit 1 charging and remove from charging
08:15-08:25	<b>FE-1, FE-2</b>	Install battery packs on Orlan No.4 and No.5 БРТА
08:15-09:00	<b>FE-4</b>	MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists (as necessary)</i>
08:15-08:35	FE-6	SLAMMD - setup
08:25-09:55	<b>FE-1</b>	Gather Russian Hardware for first ATV ingress. <i>Tagup with specialists (as necessary)</i>
08:25-08:55	<b>FE-2</b>	Work Prep
08:30-08:45	CDR	RST - Data Gathering
08:35-08:45	FE-6	SLAMMD – body mass measurement
08:45-08:55	CDR	RST - Adjustment of Hardware Parameters
08:45-08:55	FE-5	SLAMMD – body mass measurement
08:55-09:10	FE-6	ATV-CC – ISS crew voice checks
08:55-09:10	CDR	SPHERES – PL conference
08:55-09:55	<b>FE-2</b>	Orlan suit No.4 Height Sizing
08:55-09:00	FE-6	RADIN - Detector Removal
09:00-09:05	<b>FE-4</b>	MATRYOSHKA-R. Receiving BUBBLE-dosimeter detectors from USOS. <i>Tagup with specialists (as necessary)</i>
09:00-09:05	FE-6	RADIN - Handover of Detectors to RS
09:05-09:55	<b>FE-4</b>	MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists (as necessary)</i>
09:05-10:15	FE-5	CEVIS Exercise
09:10-09:20	CDR	SLAMMD – body mass measurement
09:15-09:55	FE-6	RGN REC-TNK – depress hose removal for nominal ops
09:45-11:05	CDR	RST - Hardware Replacement

09:55-10:55	<b>FE-1</b>	Orlan suit No.5 Height Sizing
09:55-10:55	<b>FE-2</b>	Orlan suit No.4 and ECC (Orlan Interface Unit) Leak Checks and Valve Tests
09:55-10:35	<b>FE-4</b>	COЖ Maintenance
09:55-10:15	FE-6	SLAMMD – equipment stow
10:15-10:25	FE-6	WRS - Recycle Tank Fill from EDV
10:25-10:30	FE-5	SSC - relocation
10:25-10:35	FE-6	Private conference with exercise specialist
10:30-11:20	FE-5	EMU LIB recharge termination
10:35-12:05	<b>FE-4</b>	БД-2 Exercise, Day 3
10:35-11:25	FE-6	T2 Exercise
10:55-11:55	<b>FE-1</b>	Orlan suit No.5, ECC (Orlan Interface Unit) leak check and valve tests
10:55-11:05	<b>FE-2</b>	ПхО БК-3М Oxygen Tank Pressure Check
11:05-12:20	CDR	USOS EVA tools stow
11:05-11:15	<b>FE-2</b>	DC1 БК-3М Oxygen Tank Pressure Check
11:20-11:25	FE-5	Return of SSC (crew preference) used for EMU-LLB AUTO-INIT activity
11:55-13:25	<b>FE-1</b>	ARED Exercise
11:55-12:50	FE-5	LUNCH
12:00-12:30	FE-6	ATV cargo transfer list review
12:25-12:30	CDR	SPHERES - setup
12:20-13:10	<b>FE-2</b>	Study of Cardiovascular System Under Graded Physical Load on VELO. <b>To=12:45. Tagup with specialists (VHF)</b>
12:20-13:10	<b>FE-4</b>	Assistance during Study of Cardiovascular System Under Graded Physical Load on VELO.
12:30-13:30	CDR, FE-5	LUNCH
12:50-13:00	FE-5	PAO Hardware Setup
13:00-13:10	FE-5	Crew prep for PAO
13:10-13:30	FE-5	PAO Event
13:15-14:15	<b>FE-4</b>	LUNCH
13:25-14:25	<b>FE-1, FE-2,</b>	LUNCH
13:30-14:00	CDR, FE-5, FE-6	ATV – hardware transfer tagup
14:00-14:45	CDR	R2 - installation
14:00-14:10	FE-5	ROBONAUT – camcorder setup
14:10-15:30	FE-5	ARED exercise
14:15-15:30	<b>FE-4</b>	Preparing for Inter-module Air Exchange Reconfiguration between ATV-5 and SM ПРК. <i>Tagup with specialists</i>
14:25-14:45	<b>FE-1, FE-2</b>	Setting up NASA gear for use on Orlan-M
14:25-14:35	FE-6	PWS - Power Cable Removal
14:45-15:30	CDR	R2 - hardware installation
14:45-15:30	<b>FE-1, FE-2</b>	Installation of Orlan-M Add-on Equipment, Photography, Photo Downlink

15:30-16:15	CDR	SPHERES – hardware setup
15:30-16:20	<b>FE-1</b>	Study of Cardiovascular System Under Graded Physical Load on VELO. <b>To=15:54. Tagup with specialists (VHF)</b>
15:30-16:20	<b>FE-4</b>	Assistance in Study of Cardiovascular System Under Graded Physical Load on VELO
15:30-15:45	FE-5	CIR – rack door opening
15:40-17:10	FE-6	ARED exercise
15:45-16:00	FE-5	CIR – rack door opening
16:00-16:20	<b>FE-2</b>	IMS Delta File Prep
16:05-18:15	FE-5	MDCA - replacement
16:15-17:25	CDR	T2 exercise
16:20-17:05	<b>FE-1, FE-2</b>	Installation of Orlan-M Add-on Equipment, Photography, Photo Downlink
16:20-17:35	<b>FE-4</b>	Preparing for Inter-module Air Exchange Reconfiguration between ATV-5 and SM ПpK. <i>Tagup with specialists / r/g 6324</i>
17:10-17:20	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
17:10-17:25	FE-6	RGN – water drain in EDV init
17:20-17:35	<b>FE-2</b>	Exercise data downlink
17:25-18:45	CDR	ARED Exercise
17:25-17:35	FE-6	ISS - HAM RADIO Deactivation
17:35-18:35	<b>FE-1</b>	БД-2 Exercise, Day 4
17:35-18:35	<b>FE-2</b>	T2 Exercise Day 3
17:35-18:35	<b>FE-4</b>	VELO Exercise, Day 3
17:35-18:15	FE-6	RGN - water drain in EDV term
18:15-18:35	FE-5	CIR – rack door closing
18:15-18:45	FE-6	Evening Work Prep
18:45-19:10		Daily Planning Conference ( <i>S-band</i> )
19:10-19:20	CDR, FE-6	Evening Work Prep
19:10-19:30	<b>FE-1, FE-2, FE-4</b>	Evening Work Prep
19:10-19:20	FE-5	CIR – rack door closing
19:20-19:30	CDR	SPHERES - Hardware Deactivation and Closeout
19:20-19:30	FE-5	Evening Work Prep
19:20-21:20	FE-6	Pre-sleep
19:30-21:30	CDR, <b>FE-1, FE-2, FE-4, FE-5</b>	Pre-sleep
21:20-21:30	FE-6	Closing USOS Window Shutters
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-1, FE-2, FE-4</b>	Preparation of reports for Roscosmos site
		ECON-M. Observations and Photography
	<b>FE-2</b>	Earth Imagery

**Notes:**

1. See OSTPV for references to US activities.
2. Pre-sleep ops: daily food prep, dinner, pre-sleep
3. Russian crew uses US exercise equipment strictly per F24 or OSTPV
4. Tagups with specialists during all Orlan prep for EVA activities (VHF + S-band). S/G1 Comm from DC1

End of Radiogram