

Radiogram No. 2014u

Form 24 for 04/10/2013

**PURGING AND VENTING OF TKГ417 (AO) FUEL AND OXIDIZER REFILLING DEVICES (3YГ), (3YО).  
SUIT PREPARATION FOR EVA**

TIME	CREW	ACTIVITY
06:00-06:05	CDR	Reading REMINDER
06:00-06:10	<b>FE-1</b>	Morning Inspection. Reboot Laptop RS2(1)
06:00-06:10	<b>FE-2</b>	Morning Inspection. Reload Laptop RSS1, RSS2
06:00-06:10	FE-3,FE-6	Morning Inspection
06:00-06:10	<b>FE-4</b>	Morning Inspection. SM ПСС (Caution & Warning Panel)
06:10-06:40		Post-sleep
06:40-07:20		BREAKFAST
07:20-07:40		Daily Planning Conference ( <i>S-band</i> )
07:40-07:45	CDR	ENERGY Diet Log of Breakfast
07:40-07:50	<b>FE-1</b>	Stop charging the 1 <sup>st</sup> 825M3 pack <b>S/N 1267611113</b> and start charging the 2 <sup>nd</sup> pack <b>S/N 1267611111 (00060192R, ФГБ1ПГО_2_215_1)</b>
07:40-07:50	FE-3, FE-6	Work Prep
07:40-07:50	<b>FE-2, FE-4</b>	BREAKFAST
07:50-08:05	<b>FE-1, FE-4</b>	Work Prep
07:50-09:20	FE-6	Physical Exercise (ARED)
07:55-08:15	FE-3	CIR - Preparation Ops
08:00-08:15	<b>FE-2</b>	TV-MPEG2. Test Comm Session ( <i>Ku + S-band</i> )
08:00-08:10	CDR	HDVCA Activation
08:05-08:15	<b>FE-4</b>	Checking and Closing of SM External Window Shutters before purge
08:10-08:15	CDR	NOD1 (UOP1) Power Off
08:15-08:30	CDR	Treadmill T2 Monthly Inspection
08:15-08:45	<b>FE-1</b>	DC1 EVA Support Panel (ПОВ) Test
08:15-08:30	<b>FE-2</b>	Work Prep
08:15-08:35	FE-3	CIR - Equipment Setup
08:15-08:45	<b>FE-4</b>	ПхО EVA Support Panel (ПОВ) Test
08:30-09:30	CDR	Physical Exercise T2
08:30-08:40	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
08:35-10:25	FE-3	MDCA - Hardware Replacement
08:40-09:25	<b>FE-2</b>	CMS Kit Audit
08:45-09:25	<b>FE-1, FE-4</b>	Activation and Inspection of Orlan suits 6 and 4
09:20-10:40	FE-6	Jumper Cable Installation in Node 1
09:25-09:45	<b>FE-1</b>	DC1 БСС (Spacesuit Interface Unit) Checkout
09:25-09:45	<b>FE-2</b>	Crew time for ISS adaptation and orientation
09:25-09:45	<b>FE-4</b>	ПхО БСС (Spacesuit Interface Unit) Checkout

09:30-09:40	CDR	USOS Window Shutter Close
09:40-09:50	CDR	ESA Crew Conference
09:45-10:00	<b>FE-1, FE-2, FE-4</b>	Audio Conference with Retro FM Radio Station Hosts ( <i>S-band</i> )
09:50-10:00	CDR	HDVCA Deactivation
10:00-11:30	CDR	Physical Exercise (ARED)
10:00-10:15	<b>FE-1</b>	Crew time for ISS adaptation and orientation
10:00-11:25	<b>FE-2</b>	Physical Exercise (TVIS), Day 1
10:15-11:15	<b>FE-1, FE-4</b>	Orlan Spacesuit and Orlan Interface Unit [BCC] Cooling Loop Separation in DC1
10:25-10:50	FE-3	CIR - Closeout Ops
10:50-11:05	FE-3	CIR - Closeout Ops
11:00-11:10	FE-6	NOD1 UOP2 Power Off
11:05-12:05	FE-3	Crew time for ISS adaptation and orientation
11:15-11:50	<b>FE-1</b>	TVIS Monthly Maintenance
11:15-12:15	<b>FE-4</b>	ПхО BCC cooling loop separation using Degassing Pump Unit (BOC)
11:25-13:05	<b>FE-2</b>	MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists as necessary (S-band)</i>
11:35-11:45	CDR	CIR - Hardware Teardown
11:50-12:35	CDR	ENERGY - Hardware Remove and Stow
11:50-13:15	<b>FE-1</b>	Physical Exercise (ARED)
12:00-13:20	FE-6	Jumper Cable Installation in Node 1
12:05-12:55	FE-3	POC - PRINTER Replacement
12:15-13:15	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
12:35-12:40	CDR	ENERGY - Water Sample Collection
12:40-13:00	CDR	ENERGY - Urine Sample Collection
13:05-13:15	<b>FE-2</b>	SM CO measurement using CMS unit
13:15-14:15	<b>FE-1, FE-2, FE-3, FE-4</b>	LUNCH
13:20-14:20	CDR	LUNCH
13:20-13:35	FE-6	Private Medical Conference
13:35-14:35	FE-6	LUNCH
14:15-14:50	FE-3	EHS MCD Water Processing
14:15-14:55	<b>FE-2</b>	Filling (separation) of EDV (KOV) for Elektron
14:20-14:25	CDR	ENERGY - Diet Log of Lunch
14:30-14:40	<b>FE-1</b>	PEV Activation Test from DC1 ПОБ (EVA Support Panel). <i>Tagup with specialists as necessary (S-band)</i>
14:40-14:50	<b>FE-4</b>	PEV activation test from ПхО EVA Support Panel. <i>Tagup with specialists as necessary (S-band)</i>
14:45-15:00	CDR	Private Medical Conference
14:50-15:10	<b>FE-1, FE-4</b>	Equipment Setup
14:50-15:05	FE-3	Power Supply Setup

14:50-16:05	FE-6	CFE Hardware Setup
14:55-15:35	<b>FE-2</b>	COЖ Maintenance
15:00-15:15	CDR	Private Psychological Conference
15:05-15:35	FE-3	MPEG-2 Setup
15:10-16:30	<b>FE-1, FE-4</b>	Spacesuit Replaceable Elements Ops
15:20-15:35	CDR	Crew Conference with CSA
15:35-16:35	FE-3	Physical Exercise T2
15:35-18:35	CDR	N1SA Fan Cleaning
15:35-16:35	<b>FE-2</b>	Physical Exercise (VELO), Day 1
16:05-17:05	FE-6	Physical Exercise (CEVIS)
16:30-16:35	<b>FE-4</b>	PAO Hardware Setup
16:35-16:45	<b>FE-1, FE-2, FE-4</b>	Crew Prep for PAO
16:35-18:05	FE-3	Physical Exercise (ARED)
16:45-17:10	<b>FE-1, FE-2, FE-4</b>	<b>TV (ISS-MCC)</b> Downlink of TV Greetings ( <i>Ku + S-band</i> )
17:05-19:05	FE-6	CFE Test Ops
17:10-18:10	<b>FE-1</b>	Physical Exercise (TVIS), Day 2
17:10-17:35	<b>FE-2</b>	Crew time for ISS adaptation and orientation
17:10-18:40	<b>FE-4</b>	Physical Exercise (VELO), Day 3
17:35-17:50	<b>FE-2</b>	TK 708 ИМПУ Command Test <i>Tagup with specialists (as necessary)</i>
18:05-18:20	FE-3	Private Medical Conference
18:10-18:40	<b>FE-1</b>	Crew time for ISS adaptation and orientation
18:10-18:20	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
18:20-19:05	<b>FE-2</b>	Evening Work Prep
18:20-18:25	FE-3	NOD1 UOP1 Activation
18:25-18:50	FE-3	Evening Work Prep
18:35-19:35	CDR	IFM Filter Inspection to Check if it is Properly Installed
18:40-19:05	<b>FE-1</b>	Evening Work Prep
18:40-18:55	<b>FE-4</b>	Evening Work Prep
18:50-19:00	FE-3	NOD1 UOP2 Activation
18:55-19:35	<b>FE-4</b>	Pre-sleep
19:00-19:35	FE-3	Pre-sleep
19:05-19:35	<b>FE-1, FE-2</b>	Pre-sleep
19:05-19:35	FE-6	CFE Teardown
19:35-20:00		Daily Planning Conference ( <i>S-band</i> )
20:00-20:05	CDR	P/TV Playback Start
20:00-21:30	<b>FE-1, FE-2, FE-4, FE-6</b>	Pre-sleep
20:00-20:05	FE-3	ISERV - Window Shutter Opening
20:05-21:20	CDR	Pre-sleep

20:05-21:30	FE-3	Pre-sleep
21:20-21:25	CDR	ENERGY Diet Log of Dinner
21:25-21:30	CDR	P/TV Playback Stop
21:30-06:00	CDR, <b>FE-1</b> , FE-3, <b>FE-4</b> , FE-6	SLEEP
21:30-00:30	<b>FE-2</b>	SLEEP
00:30-01:00	<b>FE-2</b>	Post-sleep
01:00-01:20	<b>FE-2</b>	Test Comm Session ( <i>Ku + S-band</i> )
01:20-06:00	<b>FE-2</b>	SLEEP
<b>Task List</b>	<b>FE-1, FE-2, FE-4</b>	Preparation of reports for Roskosmos site
	<b>FE-4</b>	РСПИ (Data Transmission Radio Link). Photo-Video Data Prep on RSS2 for Downlink via РСПИ
	<b>FE-2</b>	IMS Update

## 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. Tagups with specialists during all Orlan prep for EVA activities (VHF + S-band)
6. Do not use RS windows during LCS Experiment At 17:35 - 17:50 and 20:50 - 21:05