

Radiogram No. 7032u

Form 24 for 08/18/2011

**PURGING AND VENTING OF PROGRESS 411 ЗУГ(O) FUEL AND OXIDIZER REFILLING DEVICES**

GMT	CREW	ACTIVITY
06:00-06:10	CDR, FE-3, FE-4, FE-5, FE-6	Morning Inspection
06:00-06:10	FE-1	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
06:10-06:40		Post-sleep
06:40-07:05	FE-5	BREAKFAST
06:40-07:30	CDR, FE-1, FE-4, FE-3, FE-6	BREAKFAST
07:05-07:30	FE-5	Diagnostic Kit Brainwave Data Save1
07:30-07:40	FE-4	URAGAN. FSS PL Battery Charge (start)
07:30-07:50	CDR, FE-1, FE-3, FE-6	Work Prep
07:30-07:55	FE-5	BREAKFAST
07:40-08:00	FE-4	Work Prep
07:50-08:00	FE-3	Columbus ELPS Inspection
07:50-08:20	FE-6	Set up UMS for testing
07:55-08:20	FE-5	Work Prep
08:00-08:10	FE-3	CIR Alignment Guide Installation
08:20-08:45		Daily Planning Conference ( <i>S-band</i> )
08:45-10:45	FE-1, FE-4	Video Footage for "The Orbital Station. Life On Orbit" documentary
08:45-09:00	FE-5	Flight Director / ISS Crew Tagup
08:45-09:00	CDR	PLANTS-2. Watering
08:45-09:45	FE-3	Physical Exercise (T2)
08:45-09:25	FE-6	Test validation using one drink bag of 100 ml of water
09:00-09:20	CDR	PLANTS-2. Experiment Photos
09:00-09:45	FE-5	42P (Progress 410) US Item Unpack
09:20-10:50	CDR	Physical Exercise (TVIS), Day 1
09:45-10:45	FE-5	Physical Exercise (T2)
09:45-11:15	FE-3	Physical Exercise (ARED)
09:45-10:25	FE-6	Test validation using two drink bags of 100 ml of water each
10:25-10:35	FE-6	Stow items from UMS test activities
10:45-11:45	FE-4	Physical Exercise (TVIS), Day 2
10:45-11:25	FE-1	COЖ Maintenance
10:45-12:15	FE-5	42P (Progress 410) US Item Unpack
10:45-12:00	FE-6	Physical Exercise (T2)
10:50-11:50	CDR	GREAT START. Questionnaires. <i>Tagup with specialists (S-band)</i>
11:15-11:30	FE-3	SAMS - Cable Relocation
11:30-13:00	FE-1	Physical Exercise (ARED)
11:30-13:00	FE-3	42P (Progress 410) US Item Unpack
11:35-10:45	FE-6	Pregathering of the 2 CDs Required for the Columbus PWS1 Software Reload
11:45-13:00	FE-4	Loading disposal hardware to Progress 411 and IMS updates / r/g 6756,

		6967,7038
11:50-11:55	<b>CDR</b>	MRM2 comm config to support voice comm during experiment
11:55-12:55	<b>CDR</b>	COULOMB CRYSTAL Experiment. <i>Tagup with specialists (S-band)</i>
12:00-13:00	FE-6	Physical Exercise (CEVIS)
12:15-12:30	FE-5	Diagnostic Kit Biorhythm Analysis
12:30-13:00	FE-5	BIORHYTHM. 2nd measurement Ops
13:00-14:00	FE-6	LUNCH
12:55-13:00	<b>CDR</b>	MRM2 comm reconfig to initial
13:00-14:00	<b>CDR, FE-1, FE-4, FE-3, FE-5</b>	LUNCH
14:00-14:45	FE-3	Remove and replace the WHC (Waste and Hygiene Compartment) Pump Separator ORU
14:00-14:55	FE-6	Remove and replace the WHC (Waste and Hygiene Compartment) Pump Separator ORU
14:00-15:30	FE-5	42P (Progress 410) US Item Unpack
14:00-14:45	<b>FE-4</b>	Loading disposal hardware to Progress 411 and IMS updates
14:00-15:00	<b>FE-1</b>	GREAT START. Questionnaires. <i>Tagup with specialists (S-band)</i>
14:05-14:35	<b>CDR</b>	<b>TV (ISS-MCC) COULOMB CRYSTAL. Preparation and TV Downlink (To=13:58, T1, T2, T3 from CПП) Tagup with specialists (S-band + VHF)</b>
14:35-15:05	<b>CDR</b>	COULOMB CRYSTAL. Hardware teardown
14:45-15:30	<b>FE-4</b>	URAGAN. Observations and Photography
15:00-15:20	<b>FE-1</b>	IMS Update
15:05-15:15	FE-3	FIR Photo/Video Setup
15:15-15:30	FE-3	FIR Rack Doors Open
15:15-15:30	FE-6	WHC EDV-U Removal
15:25-16:25	<b>CDR, FE-1-assists</b>	Orthostatic Stability Evaluation with LBNP. <b>To=15:48. Tagup with specialists (VHF)</b>
15:30-17:00	FE-5	Physical Exercise (ARED)
15:30-15:35	FE-3	LMM (Light Microscopy Module) Rotation
15:30-16:00	FE-6	WSTA Offload
15:35-15:50	FE-3	PACE Sample Mixing
15:50-17:00	FE-3	PACE Sample Changeout
16:00-17:00	<b>FE-4</b>	GREAT START. Questionnaires. <i>Tagup with specialists (S-band)</i>
16:00-16:15	FE-6	EDV-U Setup in WHC
16:15-16:20	FE-6	WHC UPA Config
16:20-16:35	FE-6	Waste & Hygiene Compartment (WHC) EDV-U Build
16:35-16:55	<b>CDR</b>	Downlink of log files from БСПН (payload synchronization unit) for analysis of data exchange with MOLNIYA GAMMA hardware
16:40-16:50	FE-6	CWC Audit
16:50-17:05	FE-6	TOCA Troubleshooting
17:00-17:15	FE-5	Evening Work Prep
17:00-18:00	<b>FE-1, CDR-assists</b>	Orthostatic Stability Evaluation with LBNP. <b>To=17:22 Tagup with specialists (VHF)</b>
17:00-17:10	FE-3	LMM Rotation To Operational Position
17:00-18:25	<b>FE-4</b>	Physical Exercise (ARED)

17:05-17:15	FE-6	TOCA Fluid Line Priming
17:10-17:25	FE-3	FIR Rack Doors Close
17:15-17:25	FE-5	PAO Hardware Setup
17:15-17:25	FE-6	Total Organic Carbon Analyzer (TOCA) Software Update
17:25-17:35	FE-3, FE-5, FE-6	Crew Prep for PAO
17:35-17:55	FE-3, FE-5, FE-6	PAO Event
17:55-18:10	FE-3	Evening Work Prep
17:55-18:05	FE-5	PAO Hardware Deactivation
17:55-18:05	FE-6	Food Frequency Questionnaire
18:00-18:25	<b>CDR, FE-1</b>	Evening Work Prep
18:05-18:25	FE-5	Evening Work Prep
18:05-18:25	FE-6	Evening Work Prep
18:10-18:25	FE-3	IMS and Stowage Conference
18:25-18:45		Conference With Astronaut Office Management
18:45-19:10		Daily Planning Conference ( <i>S-band</i> )
19:10-19:30	<b>CDR, FE-1, FE-4</b>	Evening Work Prep
19:10-19:20	FE-3	USOS Window Shutter Closure
19:10-21:05	FE-5	Pre-sleep
19:10-19:30	FE-6	Evening Work Prep
19:20-19:30	FE-3	Evening Work Prep
19:30-21:30	<b>CDR, FE-1, FE-4, FE-6</b>	Pre-sleep
19:30-19:35	FE-3	MPC Power Up
19:35-21:25	FE-3	Pre-sleep
21:05-21:15	FE-5	Diagnostics Kit Oxygen Level Measurement
21:15-21:30	FE-5	Diagnostic Kit Brainwave Measurement Start
21:25-21:30	FE-3	MPC Power Down
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-1, FE-4</b>	Preparation of reports for Roskosmos site

**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
- End of Radiogram