

Radiogram No. 3855u

Form 24 for 08/16/2010

**CREW HEALTH STATUS. SCIENCE EXPERIMENTS.**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:05	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
06:00-06:10	<b>FE-3,FE-5</b>	Morning Inspection
06:05-06:10	<b>CDR</b>	Morning Inspection
06:10-06:20	<b>CDR,FE-3,FE-5</b>	Calf Volume Measurement
06:20-06:50	<b>CDR,FE-3</b>	Post-sleep
06:20-07:00	<b>FE-5</b>	Post-sleep
06:50-07:40	<b>CDR,FE-3</b>	BREAKFAST
07:00-07:05	<b>FE-5</b>	EVA Comm Configuration
07:05-07:15	<b>FE-5</b>	URAGAN. FSS PL Battery Charge (start)
07:15-07:45	<b>FE-5</b>	EVA Hygiene Break / Prebreathe /Hatch Closure
07:45-09:15	<b>FE-5</b>	Preparation for EVA
07:55-08:40	<b>CDR</b>	Window Inspection Procedure Review. <i>Tagup with specialists (S-band)</i>
08:05-08:20	<b>FE-3</b>	MELFI 3 Dewar 2 Tray Insert
08:40-09:40	<b>CDR</b>	Physical Exercise (ARED)
08:30-10:00	<b>FE-3</b>	Physical Exercise (TVIS), Day 1
09:15-09:30	<b>FE-5</b>	EMU Prep for EVA
09:30-10:20	<b>FE-5</b>	EMU Prebreathe Dry Run
10:00-10:40	<b>FE-3</b>	Water sampling to bags from БПМ-M (HOT, WARM vlv) <b>(Use drink bags (2 ea) CM1PO_436_1, БПМ recess)</b>
10:20-10:50	<b>FE-5</b>	Crew Lock Depress
10:40-11:10	<b>FE-3</b>	Sampling condensate water [KAB] upstream of CPB-K2M Gas-Liquid Mixture Filter [ФГС]- sampler setup
10:50-10:55	<b>FE-5</b>	Activate and set up Cryogem-03 refrigerator to --37 degrees C
10:50-10:55	<b>FE-2,FE-4</b>	Post Depress and A/L Egress
10:55-11:40	<b>FE-2,FE-4</b>	Egress and Setup
10:55-11:35	<b>FE-5</b>	ASEPTIC Prepare for and collect surface samples and air samples after sterilization
11:10-11:50	<b>FE-3</b>	COЖ Maintenance
11:15-13:15	<b>CDR</b>	SSRMS Ops
11:35-11:45	<b>FE-5</b>	URAGAN. FSS PL Battery Charge (terminate)
11:40-16:45	<b>FE-2,FE-4</b>	EVA 17
11:45-13:15	<b>FE-5</b>	Physical Exercise (TVIS), Day 1
11:50-12:10	<b>FE-3</b>	Air Heater Fan [БВН] Screen Cleaning in Soyuz 229
12:10-12:30	<b>FE-3</b>	IMS Update
12:45-13:15	<b>FE-3</b>	MELFI1 Dewar 1 Tray Swap
13:15-14:15	<b>CDR,FE-3,FE-5</b>	LUNCH
14:20-15:10	<b>FE-5</b>	URAGAN. Observation and Photography using FSS
14:25-16:55	<b>CDR,FE-3</b>	Inspection of Working Compartment (PO) shell and ring behind panels 130, 131, 134,135,138, 139 and TVIS
15:10-15:15	<b>FE-5</b>	ASEPTIC Monitoring Automatic Pump Shut Off

15:15-15:35	<b>FE-5</b>	ASEPTIC Replace device and start air sampling
15:35-16:35	<b>FE-5</b>	Physical Exercise (ARED)
16:45-17:10	<b>FE-2,FE-4</b>	Cleanup and Ingress
16:55-17:00	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
16:55-17:45	<b>FE-3</b>	MATRYOSHKA-R. BUBBLE-dosimeter initialization and deployment for exposure
17:00-18:30	<b>CDR</b>	Physical Exercise (TVIS), Day 4
17:15-17:30	<b>FE-5</b>	Crew Lock Repress
17:30-18:30	<b>FE-5</b>	Post-EVA Activities
17:45-18:40	<b>FE-3</b>	Physical Exercise (VELO), Day 1
18:30-18:35	<b>FE-5</b>	Post-EVA Comm Reconfig
18:35-18:40	<b>FE-5</b>	ASEPTIC Monitoring Automatic Pump Shut Off
18:40-18:55	<b>CDR,FE-3,FE-5</b>	Daily Planning Conference ( <i>S-band</i> )
18:55-19:15	<b>FE-5</b>	ASEPTIC Retrieve samples from the box and set up in thermostatic container (+37). GB Deactivation
19:00-19:30	<b>CDR,FE-3</b>	Evening Work Prep
19:15-19:30	<b>FE-5</b>	Evening Work Prep
19:30-21:30	<b>CDR,FE-3,FE-5</b>	Pre-sleep
21:30-06:00	<b>CDR,FE-3,FE-5</b>	SLEEP

**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: dinner, daily food prep, evening toilet
- End of Radiogram