

Radiogram No. 4008u

Form 24 for 09/07/2010

**TORU OBT**

<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
06:00-06:05	FE-2,FE-4,FE-6	SLEEP Data Log Entry
06:05-06:10	<b>CDR,FE-4,FE-6</b>	Morning Inspection
06:05-06:15	FE-2	Morning Inspection
06:10-06:40	<b>CDR,FE-3,FE-4,FE-5,FE-6</b>	Post-sleep
06:15-06:45	FE-2	Post-sleep
06:40-07:30	<b>CDR,FE-3,FE-4,FE-5,FE-6</b>	BREAKFAST
06:45-07:35	FE-2	BREAKFAST
07:30-08:05	<b>CDR,FE-3,FE-4,FE-6</b>	Work Prep
07:30-07:55	<b>FE-5</b>	Work Prep
07:35-08:05	FE-2	Work Prep
07:55-08:05	<b>FE-5</b>	ГФИ-1 [Geophysical Studies]. Start SONY DCR-TRV900E Camcorder Battery Charge
08:05-08:30	.	Daily Planning Conference ( <i>S-band</i> )
08:30-11:30	<b>CDR,FE-3</b>	TORU OBT. <i>Tagup with specialists (S-band)</i>
08:30-09:00	FE-2	Node 3 Air Revitalization System (ARS) Umbilical Demate
08:30-08:40	FE-4	Work Prep
08:30-10:00	<b>FE-5</b>	Physical Exercise (TVIS), Day 3
08:30-10:00	FE-6	Physical Exercise (ARED)
08:40-08:45	FE-4	T2 Guide Installation
08:45-09:00	FE-4	LAB1S1 Rack Hardware Installation
09:00-09:10	FE-2,FE-4	In-flight Maintenance (IFM). Cabin Removal for ARS Rack Transfer
09:10-09:25	FE-4	Installing Hydraflow Flanges at LAB ARS UIP
09:25-10:10	FE-2,FE-4	Air Revitalization System (ARS) Rack Relocation
10:00-10:10	FE-6	WRS Water Sample Analysis
10:00-11:00	<b>FE-5</b>	Physical Exercise (ARED)
10:10-10:55	FE-2,FE-4	Air Revitalization System (ARS) Rack Relocation
10:10-11:10	FE-6	Physical Exercise (CEVIS)
10:55-11:25	FE-2	Air Revitalization System (ARS) Rack Umbilical Mate
10:55-11:10	FE-4	NOD3A4 Ground Strap Remove and Replace
11:05-12:35	<b>FE-5</b>	RELAXATION Hardware Installation and Parameter Adjustment. <i>Tagup with specialists (S-band)</i>
11:20-11:30	FE-6	MSG SAME Experiment Daily Startup, Step 1
11:30-12:30	FE-2,FE-4	Air Revitalization System (ARS) Rack Relocation

11:30-13:00	<b>FE-3</b>	Physical Exercise (TVIS), Day 3
11:30-12:00	FE-6	SAME Sample Carousel Exchange
12:00-13:00	<b>CDR</b>	Physical Exercise (ARED)
12:00-12:15	FE-6	SAME Sample Carousel Changeout
12:15-12:40	FE-6	WRS. Water Filled Container Count
12:30-13:00	FE-2	Node 3 Air Revitalization System (ARS) Rack Closeout
12:30-13:00	FE-4	Crew Medical Officer (CMO) Proficiency Training
12:35-12:55	<b>FE-5</b>	RELAXATION Observation. <i>Tagup with specialists (S-band)</i>
12:40-12:50	FE-6	TOCA 2 Data Recording
12:50-13:00	FE-6	EHS Sampling Start
13:00-14:00	.	LUNCH
14:00-14:10	<b>CDR</b>	Maintenance Activation of Atmosphere Purification System Emergency Vacuum Valves [ABK COA]
14:00-15:05	FE-4	Surface Sampling And Analysis (T+5)
14:00-14:20	FE-2,FE-6	Crew Cabin Installation
14:00-14:25	<b>FE-3</b>	Collect SM and FGB Air Samples Using AK-1M Sampler
14:00-14:40	<b>FE-5</b>	RELAXATION Hardware Removal
14:20-14:30	<b>CDR</b>	VHF1 comm session with ISS crew during RGS 21 AOS
14:20-14:50	FE-2	AR2 Rack Umbilical Mate
14:20-14:50	FE-6	Review of CFE procedures prior to first CFE test run
14:25-14:35	<b>FE-3</b>	ИПД Air Sampling for CO in SM
14:35-14:50	<b>CDR</b>	Private Medical Conference ( <i>Ku+S-band</i> )
14:35-15:15	<b>FE-3</b>	COЖ Maintenance
14:40-15:40	<b>FE-5</b>	Auxiliary Laptop Anti-Virus Update
14:50-15:05	FE-2	ARS Installation Closeout
14:50-16:00	FE-6	CFE Hardware Setup
15:05-15:35	FE-4	SODI Experiment Hardware Locate
15:05-15:20	FE-2	ARED Flywheel Cylinder Evacuation
15:20-15:35	FE-2	Private Medical Conference
15:25-16:25	<b>CDR, FE-3</b> -(assists)	Orthostatic stability evaluation with LBNP ( <b>To=15:51</b> ). <i>Tagup with specialists (VHF)</i>
15:35-15:50	FE-2	Vascular Blood Collection Hardware Setup
15:35-17:05	FE-4	Physical Exercise (ARED)
15:40-17:10	<b>FE-5</b>	Video recording for Roskosmos Channel
15:50-15:55	FE-2	T2 Alignment Remove
16:00-16:30	FE-6	WRS. Water Filled Container Count
16:05-17:05	FE-2	Physical Exercise T 2
16:25-16:45	<b>CDR</b>	IMS Update
16:25-16:40	<b>FE-3</b>	Private Medical Conference ( <i>Ku+S-band</i> )
16:30-16:40	FE-6	MCA Pump Out
16:40-16:55	FE-6	Private Medical Conference
16:55-17:55	<b>FE-3, CDR</b> (assists)	Orthostatic Stability Evaluation with LBNP. <b>To= 17:26</b> . <i>Tagup with specialists (VHF)</i>
16:55-17:55	FE-6	RSR stowage reconfiguration

17:05-18:35	FE-2	Physical Exercise (ARED)
17:05-18:05	FE-4	Physical Exercise (CEVIS)
17:10-17:25	<b>FE-5</b>	Private Medical Conference ( <i>Ku+S-band</i> )
17:25-18:15	<b>FE-5</b>	RSK1 Laptop Software Upgrade Version 2.3
18:00-18:15	<b>FE-3</b>	URISIS Hardware Setup
18:00-18:05	FE-6	EHS Sampling Termination
18:05-18:30	FE-4	Evening Work Prep
18:05-18:15	FE-6	MCA Pump Out
18:10-18:15	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
18:15-18:35	<b>CDR,FE-3,FE-5</b>	Evening Work Prep
18:15-18:30	FE-6	Remove items from COL1D4 stowage location
18:30-18:35	FE-4	Daily Diet Monitoring
18:35-19:00	.	Daily Planning Conference ( <i>S-band</i> )
19:00-19:30	<b>CDR,FE-2,FE-3,FE-5</b>	Evening Work Prep
19:00-19:30	FE-4	SLAMMD Hardware Setup
19:00-19:05	FE-6	MSG/Smoke Aerosol Measurement Experiment Daily Shutdown
19:05-19:30	FE-6	Evening Work Prep
19:30-21:30	<b>CDR,FE-3,FE-4,FE-6</b>	Pre-sleep
19:30-19:35	FE-2	MPC Power Up
19:30-21:20	<b>FE-5</b>	Pre-sleep
19:35-21:25	FE-2	Pre-sleep
21:20-21:30	<b>FE-5</b>	SONOCARD Experiment Start
21:25-21:30	FE-2	MPC Power Down
21:30-06:00	.	SLEEP

**Note:**

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