

Radiogram No. 5994u Form 24 for 04/26/2011

**TORU OBT. COULOMB CRYSTAL**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	<b>CDR</b>	SONOCARD Experiment Termination
06:00-06:10	FE-3, FE-5, <b>FE-2</b> , FE-6	Morning Inspection
06:00-06:05	<b>FE-1</b>	Elektron-VM System Monitoring
06:05-06:10	<b>FE-1</b>	Morning Inspection
06:10-06:40		Post-sleep
06:40-07:30		BREAKFAST
07:30-07:40	FE-6, FE-5, <b>FE-2</b> , FE-3, <b>FE-1</b>	Work Prep
07:30-07:45	<b>CDR</b>	SONOCARD Copy Data to RSE-MED Laptop
07:40-08:05	FE-6, FE-5, <b>FE-2</b> , FE-3, <b>FE-1</b>	Daily Planning Conference ( <i>S-band</i> )
07:45-08:05	<b>CDR</b>	Daily Planning Conference ( <i>S-band</i> )
08:05-08:50	FE-3	MTL and ITCS Sample Collection in NODE2
08:05-09:35	<b>FE-2</b>	SM Ventilation System Preventive Maintenance (Group A). Fan Screen Photos Before Cleaning
08:05-08:15	FE-6	Dosimeter Setup
08:05-09:05	FE-5	Physical Exercise T2
08:10-11:10	<b>CDR, FE-1</b>	TORU OBT. <i>Tagup with specialists (S-band)</i>
08:15-08:25	FE-6	Work Prep
08:50-09:35	FE-3	LTL and ITCS Sample Collection in NODE2
08:55-09:55	FE-6	Physical Exercise (CEVIS)
09:05-09:10	FE-5	EPM Powering EPM Laptop (28V) from EPM Left Utility Distribution Panel
09:10-09:40	FE-5	CARD HOLTER Setup
09:35-10:55	<b>FE-2</b>	Physical Exercise T 2
09:40-09:55	FE-5	EMU LLB Battery Charge (end)
09:50-10:00	FE-3	CSPN Camera Preparation
09:55-11:25	FE-6	Physical Exercise (ARED)
09:55-10:05	FE-5	Terminate EMU Metox Regeneration
10:00-10:10	FE-3	CSPN MELFI Acetic Acid Ethanol (AAE) KFT Retrieve
10:05-10:10	FE-5	Compound Specific Analyzer- Combustion Products (CSA-CP) CSA-O2 Readings
10:10-10:15	FE-3	CSPN-KFT Acetic Acid Ethanol Leak Check.
10:15-10:25	FE-3	CSPN Detachment
10:20-10:50	FE-5	CARD Crew Pulmonary Function System Setup
10:25-10:50	FE-3	CSPN-1 Samples Fixation
10:50-11:00	FE-3	CSPN MELFI Acetic Acid Ethanol (AAE) KFT Insert
10:55-11:50	FE-2	TVIS Quarterly Maintenance
10:55-11:00	FE-5	CARD Urine Sample Collection
11:00-11:10	FE-3	CSPN Sample Removal.
11:05-11:35	FE-5	Hardware Prepack for Return on ULF6

11:10-11:30	FE-3	CSPN Photo Downlink
11:10-12:10	<b>CDR, FE-1 assists</b>	Orthostatic Stability Evaluation with LBNP <b>To=11:37</b> <i>Tagup with specialists (VHF)</i>
11:25-12:10	FE-6	ISS HAM Hardware Gather
11:30-13:00	FE-3	Physical Exercise (ARED)
11:35-12:00	FE-5	CARD Pulmonary Function System Rebreathe Exercise 1
11:50-11:55	<b>FE-2</b>	MRM2 comm config to support voice comm during
11:55-12:55	<b>FE-2</b>	COULOMB CRYSTAL Experiment Run. <i>Tagup with specialists</i>
12:00-12:15	FE-5	Private Medical Conference
12:10-12:35	FE-6	ISS HAM Radio Installation
12:10-13:10	<b>CDR</b>	Physical Exercise T 2
12:10-13:10	<b>FE-1</b>	Physical Exercise (VELO), Day 3
12:15-13:00	FE-5	Hardware Prepack for Return on ULF6
12:40-12:55	FE-6	Private Medical Conference
12:55-13:00	<b>FE-2</b>	MRM2 comm reconfig to initial
12:55-13:55	FE-6	LUNCH
13:00-14:00	FE-3	LUNCH
13:00-13:15	FE-5	CARD Urine Sample Collection
13:00-13:25	<b>FE-2</b>	<b>TV (ISS-MCC)</b> COULOMB CRYSTAL. Preparation and TV Downlink <i>Tagup with specialists</i>
13:10-14:10	<b>CDR, FE-1</b>	LUNCH
13:15-14:15	FE-5	LUNCH
13:25-14:25	<b>FE-2</b>	LUNCH
13:55-15:10	FE-6	ARED Lubrication
14:00-14:25	FE-3	LAB ITCS Sample Collection
14:10-14:50	<b>CDR</b>	Filling EDV [KOV] for Elektron from CWC #1 <b>039, 1072</b>
14:10-15:30	<b>FE-1</b>	CONSTANTA Setup and Ops. <i>Tagup with specialists (S-band)</i>
14:15-15:00	FE-5	Hardware Prepack for Return on ULF6
14:25-14:50	FE-3	SSC Laptop Relocation
14:30-14:55	<b>FE-2</b>	<b>TV (ISS-MCC)</b> COULOMB CRYSTAL. Preparation and TV Downlink. <i>Tagup with specialists</i>
14:50-15:30	<b>CDR</b>	COX Maintenance
14:55-15:10	FE-3	Private Family Conference
14:55-15:25	<b>FE-2</b>	SM Air Temperature Measurements
15:00-15:10	FE-5	CARD Pulmonary Function System Rebreathe Exercise 2
15:10-17:40	FE-6	Node 2 Stowage Relocation
15:25-15:35	FE-3	PHS Evaluation Setup
15:25-15:30	<b>FE-2</b>	PAO Hardware Setup
15:30-15:40	<b>CDR, FE-1, FE-2</b>	Crew Prep for PAO
15:35-16:05	FE-3	Periodic Health Status - Subject
15:35-16:05	FE-5	Periodic Health Status - Assistance
15:40-15:50	<b>CDR, FE-1, FE-2</b>	TV Greetings ( <i>Ku + S-band</i> )
15:50-16:50	<b>FE-2</b>	Physical Exercise (ARED)

15:50-17:20	<b>CDR</b>	Physical Exercise T2
16:05-16:35	<b>FE-1</b>	Periodic Health Status - Assistance
16:05-17:05	FE-3	Physical Exercise (CEVIS)
16:05-16:35	FE-5	Periodic Health Status - Subject
16:35-16:50	<b>FE-1</b>	Private Medical Conference ( <i>Ku + S-band</i> )
16:35-16:40	FE-5	MLT2 Setup
16:50-17:05	<b>FE-1</b>	ИП-1 Flow Sensor Position Verification
16:50-18:20	FE-5	Physical Exercise (ARED)
16:55-17:10	<b>FE-2</b>	Private Medical Conference ( <i>Ku + S-band</i> )
17:05-17:25	<b>FE-1</b>	IMS Update
17:05-17:30	FE-3	Periodic Health Status (PHS) Data Entry and Hardware Stowage
17:10-18:45	<b>FE-2</b>	SM Ventilation System Preventive Maintenance (Group A). Fan Screen Photos Before Cleaning
17:20-17:35	<b>CDR</b>	Private Medical Conference ( <i>Ku + S-band</i> )
17:25-18:50	<b>FE-1</b>	Physical Exercise T2
17:30-17:50	FE-3	Evening Work Prep
17:35-18:00	<b>CDR</b>	<b>ISS-MCC TV GREAT BEGINNING. TV Downlink. <i>Tagup with specialists</i></b>
17:40-18:00	FE-6	ISS-HAM Voice Check
17:50-18:00	FE-3	PanOptic Eye Exam Setup
18:00-18:05	FE-3	
18:00-18:30	<b>CDR</b>	Counter Measure System (CMS) Harmful Contaminant Measurements in SM
18:05-18:35	FE-3	Pre-sleep
18:15-18:20	FE-6	Panoptic Video
18:20-18:35	FE-6	Evening Work Prep
18:20-18:45	FE-5	CARD Pulmonary Function System Rebreathe Exercise 3
18:30-19:05	<b>CDR</b>	Evening Work Prep
18:35-19:05	FE-6, FE-3 subject	PanOptic Eye Examination
18:45-19:05	FE-5	Evening Work Prep
18:45-19:00	<b>FE-2</b>	HAM Radio Session with the Lima University Faculty and Students
18:50-19:00	<b>FE-1</b>	Evening Work Prep
19:00-19:05	<b>FE-1</b>	Elektron-VM System Monitoring
19:00-19:05	<b>FE-2</b>	Evening Work Prep
19:05-19:30	.	Daily Planning Conference ( <i>S-band</i> )
19:30-19:50	FE-3	PanOptic Data Downlink/Stowage
19:30-21:30	FE-6, FE-5, <b>FE-2, CDR, FE-1</b>	Pre-sleep
19:50-19:55	FE-3	Panoptic Video Stow
19:55-20:00	FE-3	MPC Power Up
20:00-21:25	FE-3	Pre-sleep
21:25-21:30	FE-3	MPC Power Down
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-1, FE-2</b>	Preparation of reportages for Roskosmos sit

**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