

Radiogram No. 7496u

Form 24 for 10/20/2011

Plasma Crystal Experiment

GMT	CREW	ACTIVITY
06:00-06:10	CDR, FE-5	Morning Inspection
06:00-06:10	FE-4	Morning Inspection. <i>SM ПСС [Caution & Warning Panel] Test</i>
06:10-06:40	CDR	Post-sleep
06:10-06:25	FE-4	Post-sleep
06:10-06:40	FE-5	Post-sleep
06:25-06:40	FE-4	Biochemical Urine Test
06:40-06:50	FE-4	Stowing URISIS Hardware
06:40-07:30	CDR	BREAKFAST
06:40-07:15	FE-5	BREAKFAST
06:50-07:05	FE-4	Post-sleep
07:05-07:55	FE-4	BREAKFAST
07:15-07:30	FE-5	Private Psychological Conference
07:30-07:55	CDR	Work Prep
07:30-07:45	FE-5	BREAKFAST
07:45-07:55	FE-5	Work Prep
07:55-08:10		Daily Planning Conference (<i>S-band</i>)
08:10-08:15	CDR	HMS Defibrillator Inspection
08:10-08:30	FE-4	Work Prep
08:15-09:25	FE-5	GHF Sample Cartridge Changeout After Experiment
08:30-08:50	FE-4	PLANTS-2. Experiment Photos
08:35-08:45	CDR	CWC Audit
08:45-10:00	CDR	Physical Exercise (ARED)
08:50-08:55	FE-4	Comm Config Before Plasma Crystal-3 Experiment
08:55-09:25	FE-4	COULOMB CRYSTAL Hardware Teardown
09:25-10:00	FE-5	JLP Heater Controller (HCTL) Power Cable Reconfiguration
09:25-10:05	FE-4	PLASMA CRYSTAL. Configure Vacuum and Electrical Connections. <i>Tagup with specialists (S-band)</i>
10:00-10:05	CDR	Cycle Ergometer w/Vibration Isolation & Stabilization (CEVIS) Seat Adjustment
10:05-10:15	CDR	CIR Photo/TV Prep
10:05-10:35	FE-4	PLASMA CRYSTAL. Installation of External Hard Drive and Electronics Box Leak Check. <i>Tagup with specialists (S-band)</i>
10:10-10:30	FE-5	Treadmill Kinematics Exercise Preparation
10:15-10:25	CDR	CIR Front End Cap Open
10:25-11:00	CDR	CIR Optics Bench Translation Out
10:30-11:30	FE-5	Physical Exercise T2
10:35-10:40	FE-4	Comm System Reconfig After Plasma Crystal-3 Experiment
10:40-11:10	FE-4	IDENTIFICATION. Copy ИМУ-Ц micro-accelerometer data to laptop
11:00-11:50	CDR	CIR IPSU Reconfiguration
11:10-12:40	FE-4	Physical Exercise (TVIS), Day 1
11:30-11:40	FE-5	Exercise Recording End
11:40-11:50	FE-5	Vacuum Cleaner Setup
11:50-12:20	CDR	CIR HiBMS Relocation
11:50-12:15	FE-5	GHF Material Processing Unit Access Door Open

12:15-13:15	FE-5	LUNCH
12:20-13:20	CDR	LUNCH
12:40-13:40	FE-4	LUNCH
13:15-13:30	FE-5	GHF End Heater Clean
13:20-13:35	CDR	IMS Conference
13:30-13:40	FE-5	Vacuum Cleaner Closeout
13:35-14:05	CDR	CIR HiBMS Imaging Package Installation
13:40-14:40	FE-4	Loading disposal hardware to Progress 410 and IMS updates
13:40-14:45	FE-5	GHF Central Heater Installation
14:05-15:30	CDR	CIR HiBMS Reconfiguration
14:40-14:55	FE-4	Charging Stimul Suit Battery (terminate)
14:45-16:35	FE-5	GHF Central Heater 1 and 2 Thermocouple Harness Installation
14:55-15:25	FE-4	RELAXATION. Hardware Removal. <i>Tagup with specialists (S-band)</i>
15:25-15:45	FE-4	IMS Update
15:30-15:35	CDR	CIR Final Configuration Photo Documentation
15:35-16:10	CDR	CIR Optics Bench Translation In
15:45-16:45	FE-4	Physical Exercise (VELO), Day 1
16:10-16:20	CDR	CIR Front End Cap Close
16:20-16:25	CDR	Cycle Ergometer w/Vibration Isolation & Stabilization (CEVIS) Seat Adjustment
16:25-17:15	CDR	Combustion Integrated Rack Stowage Return
16:35-16:50	FE-5	GHF Material Processing Unit Access Door Temporary Close
16:45-17:25	FE-4	Filling EDB (KOB) for Elektron from CWC 1064 (6 L), 1081 (8 L), 1004 (42 L)
16:50-18:20	FE-5	Physical Exercise (ARED)
17:15-18:30	CDR	Physical Exercise T2
17:25-18:05	FE-4	COX Maintenance
18:05-18:30	FE-4	Evening Work Prep
18:20-18:30	FE-5	Evening Work Prep
18:30-19:00		Increment 28 Plaque Hanging
19:00-19:15		Evening Work Prep
19:15-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-19:35	FE-5	MPC Power Up
19:30-21:30	FE-4, CDR	Pre-sleep
19:35-21:25	FE-5	Pre-sleep
21:25-21:30	FE-5	MPC Power Down
21:30-06:00		SLEEP
Task List	FE-4	PLANTS-2. Watering
		ECON. Observations and Photography
		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