

Radiogram No. 8243u

Form 24 for 07/28/08

**PLASMA CRYSTAL**

GMT	CREW	ACTIVITY
06:00-06:10	FE-1,FE-2	Morning Inspection
06:00-06:05	CDR	
06:05-06:10		PLASMA CRYSTAL-3 PLUS. Turbo-pump Activation
06:10-06:40		Post-sleep
06:40-07:30		BREAKFAST
07:30-07:45		Daily Planning Conference ( <i>S-band</i> )
07:45-08:10	CDR	Prep for Work
07:45-08:15	FE-1,FE-2	
08:10-08:25	CDR	БМП Φ1 Absorption Cartridge Regeneration (start)
08:15-09:00	FE-1	Transfer of FGB Enclosures from ATV
08:15-08:25	FE-2	Checkout of JEM rack power switches
08:25-08:35		Temporary deactivation of SSC14
08:25-08:55	CDR	On-Orbit Hearing Assessment with EarQ Software
08:35-08:40	FE-2	Payload Laptop Terminal Activation
08:40-09:30		FSL. OPT TGT reconfig after test 2
08:55-09:25	CDR	Replace ACY Urine Receptacle <b>#0380172, (CM1PO_1_139_1, b/c 00045063R)</b> and Filter-Insert <b>#605073 (CM1PO_4_ACY_451_1, in bag 363-5, b/c 00047654R)</b> . Discard the removed equipment
09:00-11:05	FE-1	Installation of enclosures in zones 5+8+9 (panel 404+405). <i>Tagup with specialists, as necessary (S-band)</i>
09:30-10:30	FE-2	FSL. Installation of GEO Experiment Container
09:35-10:00	CDR	<b>ISS-MCC-M TV. Anniversary Greetings (To=09:36, T1, T2, T3 from СПП)</b>
10:00-11:30		Physical Exercise (TVIS), day 1
10:30-10:50	FE-2	FSL Setup
10:50-11:10		Release of FSL Base Element
11:10-11:15		Payload Laptop Deactivation
11:10-11:30	FE-1	On-Orbit Hearing Assessment with EarQ Software
11:15-11:25	FE-2	PLT Relocation
11:25-11:30		Payload Laptop Activation
11:30-13:00	FE-1	Physical Exercise (TVIS), day 1
11:30-12:40	CDR	RSK1 Laptop Software Upgrade. <i>Tagup with specialists (S-band)</i>
11:45-11:50	FE-2	CGBA Payload Maintenance
11:50-12:10		CGBA Science Insert-02 Silicate Garden Hab Rotate
12:30-13:00		JEM Cleanup
12:40-13:00	CDR	OPS LAN Reload Procedure Review
13:00-14:00	.	LUNCH
14:00-15:45	FE-1	Installation of enclosures in zones 5+8+9 (panels 404+405). <i>Tagup with specialists, as necessary (S-band)</i>
14:00-14:50	CDR	PLASMA CRYSTAL. Experiment Start. <b>ISS-MCC TV (Info downlink)</b> <i>Tagup with specialists (S-band)</i>
14:00-14:25	FE-2	On-Orbit Hearing Assessment with EarQ Software
14:25-15:25		Clean Bench Reconfig Prep

14:50-15:45	CDR	Cleaning FGB ГЖТ [Gas-Liquid Heat Exchanger] Detachable Screens 1, 2, and 3
15:25-16:55	FE-2	Physical Exercise (RED)
15:45-16:05	FE-1	OPS LAN Reload Procedure Review
16:00-16:10	CDR	PLASMA CRYSTAL. Experiment termination. <i>Tagup with specialists (S-band)</i>
16:05-16:25	FE-1	IMS Update
16:10-16:45	CDR	PLASMA CRYSTAL. Copy and downlink data from the hard drive. <i>Tagup with specialists (S-band)</i>
16:45-17:00		PLASMA CRYSTAL. Hardware Deactivation. <i>Tagup with specialists (S-band)</i>
16:55-17:05	FE-2	Resistive Exercise Device (RED) and Accessories Inspection
17:05-17:35		Expedition 17 and 18 Crew Handover Conference ( <i>S-Band</i> )
17:05-17:15	CDR,FE-1	Crew Handover Conference ( <i>S-Band</i> )
17:15-18:15	CDR	Physical Exercise (VELO+RED), day 1
17:15-17:55	FE-1	COЖ Maintenance
17:35-18:35	FE-2	Physical Exercise (CEVIS)
17:55-18:55	FE-1	Physical Exercise (VELO+RED), day 1
18:20-18:50	CDR	Prep for Work
18:35-18:40	FE-2	Set up Solution Crystallization Observation Facility (SCOF) Image Processing Unit (IPU)
18:40-18:55		Prep for Work
18:50-18:55	CDR	Transfer TVIS, RED, and HRM data to MEC
18:55-19:10	.	Daily Planning Conference ( <i>S-band</i> )
19:10-19:30		Prep for Work
19:30-20:00		DINNER
20:00-20:30	FE-1,FE-2	Daily Food Prep
20:00-20:25	CDR	
20:25-20:40		БМП Ф1 Absorption Cartridge Regeneration (terminate)
20:30-21:30	FE-1	Pre-sleep
20:30-21:25	FE-2	
20:40-21:25	CDR	
21:25-21:30		PLASMA CRYSTAL-3 PLUS. Turbo pump deactivation
21:25-21:30	FE-2	Questionnaire - journal entry
21:30-06:00	.	SLEEP
Task List	FE-1	PLANTS-2. Payload Status Check

**Note**

1. SM Window #9 shutter opening is at crew discretion with **Report to MCC**
2. See OSTP for references to US activities.
3. **No OCA, voice comm MCC-H - MCC-M, Station – MCC-M in S-band 21:00-07:00**

End of Radiogram