

Radiogram No. 7542u

Form 24 for 10/27/2011

Plasma Crystal

GMT	CREW	ACTIVITY
06:00-06:05	FE-5	Reaction Self Test
06:00-06:10	FE-4	Morning Inspection. SM MCC [Caution & Warning Panel] Test
06:00-06:05	CDR	Reaction Self Test
06:05-06:15	FE-5	HRF Refrigerated Centrifuge Setup
06:05-06:10	CDR	BCAT6 - camera battery changeout and intervalometer restart
06:10-06:40	FE-4	Post-sleep
06:15-06:30	CDR	HRF Blood Draw Operator
06:15-06:35	FE-5	Sample collection
06:30-06:50	CDR	Urine Collection
06:35-06:45	FE-5	Morning Inspection
06:40-07:30	FE-4	BREAKFAST
06:45-06:55	FE-5	HRF Refrigerated Centrifuge Configure
06:50-07:00	CDR	MELFI Urine Sample Insertion
06:55-07:25	FE-5	Diagnostic Kit (DK). Brainwave Data Save
07:00-07:30	CDR	Post-sleep
07:25-07:30	FE-5	HRF Refrigerated Centrifuge Spin Terminate
07:30-07:40	FE-5	Nutrition and Repository Blood Sample Insertion into MELFI
07:30-07:45	FE-4	Work Prep
07:30-07:50	CDR	Work Prep
07:40-07:50	FE-5	Post-sleep
07:45-07:50	FE-4	Plasma Crystal-3 Plus. Pressure Check
07:50-08:05		Daily Planning Conference (<i>S-band</i>)
08:05-08:15	CDR, FE-5	Post-sleep
08:05-08:45	FE-4	COX Maintenance
08:15-08:30	FE-5	ISS Crew / SSIPC Management Conference
08:20-08:40	CDR	Urine Collection
08:30-08:40	FE-5	Post-sleep
08:40-08:45	CDR	HRF Urine Sample MELFI Insertion
08:40-09:30	FE-5	BREAKFAST
08:45-08:50	FE-4	Comm config prior to Plasma Crystal-3 experiment
08:45-09:35	CDR	BREAKFAST
08:50-09:10	FE-4	PLASMA CRYSTAL-3 PLUS. Hardware Activation and Experiment Start
09:10-10:00	FE-4	TV (ISS-MCC, Ku-band). PLASMA CRYSTAL-3 PLUS. Start and Monitor the Experiment <i>Tagup with specialists / (S-band)</i>
09:30-10:00	FE-5	Work Prep
09:35-09:50	CDR	Work Prep
09:50-10:05	CDR	VO2max PPFS Stowage
10:00-10:50	FE-4	PLASMA CRYSTAL-3 PLUS. Performing Experiment in Manual Mode
10:00-10:20	FE-5	Urine Collection

10:05-10:45	CDR	Portable PFS power on and a 45-minute warm-up
10:20-10:25	FE-5	MELFI Urine Sample Insertion
10:30-10:45	FE-5	Progress 413 Unpack Prep
10:45-11:10	CDR	VO2max Protocol Preparation
10:45-12:15	FE-5	Physical Exercise (ARED)
10:50-11:00	FE-4	Sending the article to the Editors Office of Europhysics Letters magazine from the ISS
11:10-11:20	CDR	VO2max Video Setup
11:10-11:30	FE-4	PLASMA CRYSTAL-3 PLUS. Experiment Termination
11:20-11:40	CDR	VO2max - PFS SW Calibration and Hardware Checkout
11:30-11:35	FE-4	Comm system reconfig after Plasma Crystal-3 experiment
11:35-12:05	FE-4	Plasma Crystal-3 Plus. Copy data from the hard drive
11:40-12:20	CDR	VO2max Experiment Protocol
12:05-13:20	FE-4	Physical Exercise (TVIS), Day 1
12:15-13:00	FE-5	BIORHYTHM Data Save
12:20-13:10	CDR	VO2max - MBS Stow
13:00-13:05	FE-5	PWS2 – Deactivation
13:05-13:15	FE-5	PWS Reboot in Columbus
13:15-13:20	FE-5	PPRA Valve Inspection in Columbus
13:20-14:20	.	LUNCH
14:20-14:40	FE-4	Tightening Soyuz 702 -MRM1 QD Screw Clamps
14:20-14:30	CDR	BCAT6 - camera battery changeout, image download, and intervalometer restart
14:30-14:35	CDR	BCAT6 Sample Check
14:35-14:50	CDR, FE-5	Crew Debriefing after WOOV3, 4 and 5 Encapsulation activity
14:40-16:10	FE-4	Install Progress 410 docking mechanism
14:50-15:00	CDR	CWC Audit
14:55-15:55	FE-5	Procedure review prior to Progress TORU Drill
15:00-15:20	CDR	VO2 Stowage
15:20-15:40	CDR	Urine Collection
15:40-15:45	CDR	MELFI Urine Sample Insertion
15:45-17:00	CDR	Physical Exercise (ARED)
15:55-16:55	FE-5	Physical Exercise T2
16:10-17:10	FE-4	Remove Local Temperature Sensor Switching Unit ЛКТ (TA251МБ) and Memory Storage Device from Progress 410. Stow in 353-8 bag (00037141R), CM1PO_3_314_1
16:55-17:05	FE-5	Diagnostic Kit Oxygen Level Measurement
17:00-17:05	CDR	HAM Radio Session Setup
17:05-17:20	CDR	HAM Radio Session
17:05-17:55	FE-5	Diagnostic Kit (DK). Heart Sound (HS) Measurement
17:10-18:25	FE-4	Physical Exercise (TVIS), Day 1
17:20-17:25	CDR	VO2max - PFS Closeout Ops
17:25-17:45	CDR	Urine Collection

17:45-17:50	CDR	HRF Urine Sample MELFI Insertion
17:50-18:40	CDR	Evening Work Prep
18:00-18:15	FE-5	Diagnostic Kit (DK). Diagnostic Kit Camera Diagnosis
18:15-18:40	FE-5	Evening Work Prep
18:25-18:40	FE-4	Evening Work Prep
18:40-18:55		Daily Planning Conference (<i>S-band</i>)
18:55-19:10		Evening Work Prep
19:10-20:30	FE-4, FE-5	Pre-sleep
19:10-19:15	CDR	Start Video
19:15-20:30	CDR	Pre-sleep
20:30-20:50		Weekly conference with the Program Management
20:50-21:30	FE-4	Pre-sleep
20:50-21:25	FE-5	Pre-sleep
20:50-21:15	CDR	Pre-sleep
21:15-21:20	CDR	BCAT6 - camera battery changeout and intervalometer restart
21:20-21:25	CDR	Reaction Self Test
21:25-21:30	FE-5	Reaction Self Test
21:25-21:30	CDR	Terminate Video
21:30-06:00		SLEEP
Task List	FE-4	ECON. Observations and Photography
		PLANTS-2. Watering
		PLANTS-2. Experiment Photos
		PLASMA CRYSTAL-3 PLUS. Hardware deactivation
		IMS Update
		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
 4. **Between 09:00 and 11:20 SSC operation interruptions are possible due to the downlink of PLASMA CRYSTAL-3 experiment video downlink**
- End of Radiogram