

Radiogram No. 7917u

Form 24 for 12/15/2011

**FGB (-Y MRM1) KURS-P Hardware Test. Coulomb Crystal Experiment**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	CDR	Morning Inspection
06:00-06:10	<b>FE-1</b>	Morning Inspection. <i>SM ПСС [Caution &amp; Warning Panel] Test</i>
06:00-06:10	<b>FE-2</b>	SONOCARD Experiment Termination
06:10-06:40	<b>FE-1</b> , CDR	Post-sleep
06:10-06:20	<b>FE-2</b>	Morning Inspection
06:20-06:50	<b>FE-2</b>	Post-sleep
06:40-07:30	<b>FE-1</b> , CDR	BREAKFAST
06:50-07:40	<b>FE-2</b>	BREAKFAST
07:30-07:40	<b>FE-1</b> , CDR	Work Prep
07:40-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-08:15	<b>FE-1</b>	Work Prep
07:55-08:10	CDR	Work Prep
07:55-08:00	<b>FE-2</b>	Work Prep
08:00-08:15	<b>FE-2</b>	SONOCARD Copy Data to RSE-MED Laptop
08:10-08:30	CDR	Robonaut Procedure Review
08:15-08:55	<b>FE-2</b>	Replacement of Laptop RS3 with a new Laptop T61p with 8.05 SW Version. <i>Tagup with specialists (S-band)</i>
08:15-10:15	<b>FE-1</b>	Progress 413 Transfers and IMS Updates
08:30-09:30	CDR	Physical Exercise (CEVIS)
08:55-09:10	<b>FE-2</b>	Work Prep
09:10-09:15	<b>FE-2</b>	Activation of Laptop RS1
09:15-09:25	<b>FE-2</b>	Laptop RS1 Test. <i>Tagup with specialists (S-band)</i>
09:30-09:45	CDR	ARED Flywheel Cylinder Evacuation
09:40-10:10	<b>FE-2</b>	KЛП1 Upload with a New SW Version 8.05. <i>Tagup with specialists (S-band)</i>
09:45-11:15	CDR	Physical Exercise (ARED)
10:10-10:15	<b>FE-2</b>	Deactivation of Laptop RS2
10:15-10:25	<b>FE-2</b>	RS1 Laptop-KЛП1-ЛБМ-TBM Command & Data Transmission Test. <i>Tagup with specialists (S-band)</i>
10:20-10:25	<b>FE-1</b>	Comm config to support voice comm from MRM2 during the experiment
10:25-11:25	<b>FE-1</b>	COULOMB CRYSTAL Experiment. <i>Tagup with specialists (S-band)</i>
10:30-11:30	<b>FE-2</b>	Physical Exercise (VELO), Day 3
11:15-11:25	CDR	Camcorder Activation for Robonaut Video in Node 2
11:25-11:40	CDR	Crew moves PPFS to deconflict with ROBONAUT operations
11:25-11:30	<b>FE-1</b>	MRM2 comm reconfig to initial
11:30-13:00	<b>FE-2</b>	URAGAN. Observations and photography using FSS PL. <i>Tagup with specialists (S-band)</i>
11:30-13:00	<b>FE-1</b>	Physical Fitness Evaluation (on treadmill)
11:40-13:00	CDR	Robonaut Hardware Assembly
13:00-14:00		LUNCH
14:00-14:10	<b>FE-1</b>	<b>On MCC Go</b> Russian ODF 5BC Replacement with Rev. 4 ( <b>00045119R</b> ,

		<b>CM1PO_2_214_huwa)</b> <b>Remove all pages from ODF Onboard Computer System [BBC] to discard</b> <b>Unstow replacement pages (0.5 CTB 1126 (006575J, CM1PO_3_305)</b> <b>Insert new pages into ODF Onboard Computer System [BBC].</b>
14:00-14:40	<b>FE-2</b>	EDV (KOV) Separation for Electron system <i>lid #7 in EDV (KOV) lid #1000</i>
14:10-14:40	CDR	Robonaut Power Up
14:35-15:00	<b>FE-1</b>	<b>ISS-MCC-M TV.</b> COULOMB CRYSTAL. Preparation Steps and TV Downlink. <i>Tagup with specialists (VHF)</i>
14:40-15:20	<b>FE-2</b>	COЖ Maintenance
14:50-14:55	CDR	Robonaut Ready Pose
14:55-15:15	CDR	Robonaut Joint Checkout
15:00-16:10	<b>FE-1</b>	Progress 413 Transfers and IMS Ops
15:15-16:10	CDR	Robonaut Force Sensor Checkout
16:05-17:35	<b>FE-2</b>	Physical Fitness Evaluation (on treadmill)
16:10-16:20	CDR	Robonaut Power Down
16:10-16:35	<b>FE-1</b>	<b>ISS-MCC-M TV.</b> COULOMB CRYSTAL. Preparation Steps and TV Downlink. <i>Tagup with specialists (VHF)</i>
16:20-17:20	CDR	Robonaut Hardware Disassembly
16:35-17:00	<b>FE-1</b>	Collect SM and FGB Air Samples Using AK-1M Sampler
17:00-17:10	<b>FE-1</b>	ИПД air sampling for CO in SM
17:10-17:20	<b>FE-1</b>	SM Air Sampling For FREON Using AK-1M Sampler
17:20-17:35	<b>FE-1</b>	Evening Work Prep
17:20-17:35	CDR	Re-adjust PPFS back to original position
17:35-17:45	<b>FE-2</b>	КОБ2 4ГБ4 Half-Coupling Shell Coolant Leak Check
17:35-18:35	<b>FE-1</b>	Physical Exercise (VELO), Day 3
17:45-17:55	<b>FE-2</b>	Evening Work Prep
17:50-18:05	CDR	PCS (Airlock) - Battery Replacement
17:55-18:10	<b>FE-2</b>	<b>VHF2d</b> test from SM using backup CTTC sets (VHF)
18:05-18:20	CDR	ICV Ambulatory Monitoring End
18:10-18:40	<b>FE-2</b>	INTERACTION Experiment Ops
18:20-18:35	CDR	IMS and Stowage Conference
18:35-18:45	CDR	CWC Audit
18:35-18:45	<b>FE-1</b>	Evening Work Prep
18:45-19:00	.	Daily Planning Conference (S-band)
19:00-19:15	<b>FE-1</b>	Evening Work Prep
19:00-19:20	<b>FE-2</b>	Evening Work Prep
19:00-19:30	CDR	Evening Work Prep
19:15-19:35	<b>FE-1</b>	Pre-sleep
19:20-19:50	<b>FE-2</b>	<b>ISS-MCC-M TV.</b> TV Greetings (To=19:20, T1, T2, T3 from СПП)
19:30-19:35	CDR	Start Video
19:35-19:50	<b>FE-1</b>	<b>ISS-MCC-M TV.</b> TV greetings
19:35-21:25	CDR	Pre-sleep
19:50-21:15	<b>FE-1</b>	Pre-sleep

19:50-21:30	<b>FE-2</b>	Pre-sleep
21:15-21:30	<b>FE-1</b>	SONOCARD Experiment Start
21:25-21:30	CDR	Terminate Video
21:30-06:00	.	SLEEP
Task List	<b>FE-1, FE-2</b>	Preparation of reports for Roskosmos site
		Progress 413 Unloading and IMS Ops
		IMS Update

**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