

Radiogram No. 7539u

Form 24 for 10/26/2011

**SINGLE-BURN ISS REBOOST USING TWO SM КД REBOOST THRUSTERS AND SM ОДΥ PROPELLANT**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:05	CDR	BCAT6 - camera battery changeout and intervalometer restart
06:00-06:10	<b>FE-4</b>	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
06:00-06:20	FE-5	HRF Urine Sample Collection Subject
06:05-06:10	CDR	Morning Inspection
06:10-06:40	CDR, <b>FE-4</b>	Post-sleep
06:20-06:30	FE-5	MELFI Urine Sample Insertion
06:30-07:00	FE-5	Post-sleep
06:40-07:30	CDR, <b>FE-4</b>	BREAKFAST
07:00-07:30	FE-5	Diagnostic Kit (DK). Brainwave Data Save
07:30-07:45	FE-5	ISS Crew/SSIPC Conference
07:30-07:40	<b>FE-4</b>	Work Prep
07:30-07:45	CDR	Work Prep
07:40-07:45	<b>FE-4</b>	Plasma Crystal-3 Plus. Pressure Check
07:45-08:00		Daily Planning Conference ( <i>S-band</i> )
08:00-08:10	CDR, <b>FE-4</b>	Work Prep
08:00-08:50	FE-5	BREAKFAST
08:10-08:15	<b>FE-4</b>	Comm config prior to Plasma Crystal-3 experiment
08:15-08:35	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Hardware Activation and Experiment Start
08:35-09:25	<b>FE-4</b>	<b>TV (ISS-MCC, Ku-band).</b> PLASMA CRYSTAL-3 PLUS. Start and Monitor the Experiment <i>Tagup with specialists as necessary (S-band, VHF)</i>
08:50-09:20	FE-5	BIORHYTHM. Operations, 2nd measurement
09:20-09:40	CDR	HMS Visual Testing Activity
09:20-09:30	FE-5	BREAKFAST
09:25-10:15	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Performing Experiment in Manual Mode
09:30-09:50	FE-5	HRF Urine Sample Collection Subject
09:40-10:55	CDR	Physical Exercise (ARED)
09:50-09:55	FE-5	HRF Urine Sample MELFI Insertion
09:55-10:00	FE-5	SLT Reboot
10:00-10:55	FE-5	Physical Exercise T2
10:35-10:55	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Experiment Termination
10:55-11:00	FE-5	Shutting Down T2 Software
10:55-12:25	CDR	Waste and Hygiene Compartment (WHS) Urine Receptacle and Insert Filter Changeout
10:55-11:00	<b>FE-4</b>	Comm system reconfig after Plasma Crystal-3 Experiment
11:00-11:30	<b>FE-4</b>	Plasma Crystal-3 Plus. Copy data from the hard drive
11:00-11:15	FE-5	Treadmill T2 Monthly Inspection
11:15-11:40	FE-5	Cycle Eergometer w/Vibration Isolation & Stablization (CEVIS) Isolator Check
11:30-12:30	<b>FE-4</b>	Physical Exercise (ARED)

11:45-11:50	FE-5	T2 Display Powerdown
11:50-12:00	FE-5	PAO Hardware Setup
12:00-12:10	FE-5	Crew Prep for PAO
12:10-12:30	FE-5	PAO Event
12:30-12:40	FE-5	SSC Reboot Part 1
12:30-12:40	CDR	BCAT6 – camera battery changeout, video downlink, and intervalometer restart
12:35-12:45	<b>FE-4</b>	PAO Hardware Setup
12:40-12:45	CDR	BCAT6 Sample Check
12:45-12:55		Crew Prep For PAO
12:55-13:15		<b>TV PAO</b> with Participants of International Space Olympiad for Schoolchildren ( <i>Ku + S-band</i> )
13:15-14:15		LUNCH
14:15-15:45	<b>FE-4</b>	Progress 410 Stowage Operations and IMS updates
14:15-14:25	CDR	CIR Alignment Guide Removal
14:15-14:20	FE-5	EDR-ERB2 – Power On
14:20-14:25	FE-5	CGBA-5 Status Check and Maintenance
14:25-14:40	FE-5	SSC Reboot Part 2
14:25-14:40	CDR	Private Medical Conference
14:40-14:50	CDR	HRF - Stowage removal from in front of the rack location
14:45-15:00	FE-5	Private Medical Conference
14:50-15:15	CDR	USND2 Hardware Setup
15:00-15:20	FE-5	HMS Visual Testing Activity
15:15-15:20	CDR	USND2 Power On
15:20-15:30	CDR	SPRINT Preparation
15:30-15:55	CDR	Sprint Ultrasound 2 Pre-Scan
15:30-15:50	FE-5	HRF Urine Sample Collection Subject
15:45-16:25	<b>FE-4</b>	Replace Signal-VM DC-7A Smoke Detectors #5. <i>Tagup with specialists (S-band)</i>
15:50-15:55	FE-5	MELFI Urine Sample Insertion
15:55-16:40	CDR	SPRINT Scanning
15:55-16:00	FE-5	ISSAC Lab Window Shutter Open
16:00-17:30	FE-5	Physical Exercise (ARED)
16:25-17:05	<b>FE-4</b>	COX Maintenance
16:40-16:50	CDR	Sprint Ultrasound 2 Post-Scan
16:50-17:00	CDR	Ultrasound 2 Data Transfer
17:00-18:15	CDR	Physical Exercise T2
17:05-18:35	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
17:30-17:50	FE-5	HRF Urine Sample Collection Subject
17:50-17:55	FE-5	HRF Urine Sample MELFI Insertion
17:55-18:05	FE-5	HRF Blood Collection Hardware Setup
18:05-18:45	FE-5	Evening Work Prep
18:15-18:45	CDR	Evening Work Prep

18:35-18:40	<b>FE-4</b>	PLASMA CRYSTAL-3 PLUS. Pressure Check ( <b>Report to MCC</b> )
18:40-19:10	<b>FE-4</b>	Evening Work Prep
18:45-19:00	CDR	USND2 Hardware Power Off And Stow
18:45-19:10	FE-5	Pre-sleep
19:00-19:10	CDR	Evening Work Prep
19:10-19:25	.	Daily Planning Conference ( <i>S-band</i> )
19:25-19:30	FE-5	Start Video
19:30-21:30	<b>FE-4</b>	Pre-sleep
19:30-19:40	FE-5	Diagnostic Kit Oxygen Level Measurement
19:30-21:25	CDR	Pre-sleep
19:40-19:55	FE-5	Diagnostic Kit Brainwave Measurement Start
19:55-21:25	FE-5	Pre-sleep
21:25-21:30	FE-5	Terminate Video
21:25-21:30	CDR	BCAT6 – camera battery changeout and intervalometer restart
21:30-06:00		SLEEP
<b>Task List</b>	<b>FE-4</b>	ECON. Observations and Photography
		PLANTS-2. Watering
		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. No CEVIS exercise is allowed between 11:05 and 13:35 GMT**
- End of Radiogram