

Radiogram No. 7676u

Form 24 for 11/17/2011

**Single-burn ISS Reboost using 2 SM КД Thrusters and SM ОДУ Propellant**

GMT	CREW	ACTIVITY
06:00-06:10	FE-1, FE-2, FE-5	Morning Inspection
	FE-4	Morning Inspection: <b>SM ПСС [Caution &amp; Warning Panel] Test</b>
06:00-06:05	FE-3	Integrated Immune Liquid Saliva Sample Collection
06:00-06:05	CDR	BCAT Nikon D2Xs Battery Changeout
06:05-06:10	FE-3	Reaction Self Test
06:05-06:10	CDR	Morning Inspection
06:10-06:40	FE-1, FE-2, FE-4, CDR, FE-5	Post-sleep
06:10-06:20	FE-3	Morning Inspection
06:20-06:50	FE-3	Post-sleep
06:40-07:30	FE-1, FE-2, FE-4, CDR, FE-5	BREAKFAST
06:50-07:40	FE-3	BREAKFAST
07:30-07:40	FE-1, FE-2, FE-4, CDR, FE-5	Work Prep
07:40-08:05		Daily Planning Conference ( <i>S-band</i> )
08:05-08:45	FE-2	BIOEMULSION. Process activation and setup in TBU at +37
08:05-08:15	FE-4	BIOEMULSION. Experiment Photos
08:05-09:20	CDR	Physical Exercise T2
08:05-09:05	FE-3, FE-5	Crew Handover
08:15-08:45	FE-1, FE-4	Handover to Soyuz 232 crew
08:45-08:50	FE-1, FE-2, FE-4	Hardware setup
08:50-08:55	FE-1, FE-2, FE-4	Crew prep for TV greeting
08:55-09:05	FE-1, FE-2, FE-4	ISS-MCC-M TV TV Greetings to the Participants of the Celebration Event Dedicated to the 300th Anniversary of M. V. Lomonosov ( <i>Ku + S-band</i> )
09:05-09:10	FE-5	Disconnect Display and Control Panel (DCP) Power Cable
09:05-09:15	FE-1	MEMBRANE Unstow Thermostatic Container
09:10-09:15	FE-5	Super Sensitive HDTV Camera Blackout Curtain stow
09:15-09:50	FE-1	MEMBRANE Experiment Preparation And Initialization With Kit 1 (activate mode 2)
09:20-10:20	CDR, FE-3	Crew Handover
09:25-10:20	FE-4, FE-5- assists	LBNP Exercise (PRELIMINARY). <i>Tagup with specialists (VHF)</i>
09:35-09:45	FE-2	MEMBRANE Experiment Photos
09:45-10:20	FE-2	ISS Crew Adaptation
09:50-10:20	FE-1	ISS Crew Adaptation
10:20-12:00		Emergency Roles and Responsibilities Review
12:00-12:20		Emergency Roles and Responsibilities Conference
12:20-12:55	FE-3	ISS Crew Adaptation
12:20-13:05	FE-2	CASCADE Removal from CRYOGEM-03M and Setup in Glovebox
12:20-12:30	FE-4	PLAZMIDA Experiment Photos

12:20-12:30	FE-1	PLAZMIDA RECOMB-K Hardware Relocation from SM and Setup in TBU at +37 deg
12:30-13:10	FE-4	COX Maintenance
12:35-12:45	CDR	RFTA Leak Check
12:45-12:50	CDR	CGBA Status Check
12:50-13:00	CDR	BCAT - Hardware Setup Photos
12:50-12:55	FE-1	MEMBRANE Deactivate Heating Mode
12:55-13:10	FE-3	Private Medical Conference
13:00-13:10	CDR	BCAT6 Camera Check
13:05-14:05	FE-5	LUNCH
13:05-13:10	FE-2	CASCADE Activate Cleaning
13:10-13:25	FE-1	PLAZMIDA Mobilization activation, set up in incubator at + 37 deg C
13:10-14:10	FE-2, FE-4, CDR, FE-3	LUNCH
13:25-14:25	FE-1	LUNCH
14:05-16:05	FE-5	JSL -OCA Adapter Removal
14:10-14:20	FE-2	CASCADE Change Glove Position
14:10-16:10	FE-4	PLANTS-2. Plant Sample Collection. Close out ops
14:10-14:25	CDR,FE-3	IMS and Stowage Conference
14:25-14:35	CDR	CIR Photo/TV Prep
14:25-14:55	FE-1,FE-2, FE-3	Counter Measure System (CMS) Exercise Overview
14:35-14:45	CDR	CIR Upper Rack Doors Open
14:45-15:15	CDR	CIR Manifold Bottle Replacement
14:55-15:20	FE-2	ISS Crew Adaptation
14:55-15:25	FE-1	Removing two КЛ-152M TV cameras and light units from Soyuz 232 CA ( <b>Stow КЛ-152M TV cameras (2) in Soyuz 702 for return (r/g 7604u, line item 33) / Discard the removed units (r/g 7714u, line item 5) Update IMS</b> )
14:55-15:35	FE-3	ISS Crew Adaptation
15:15-15:25	CDR	CIR Upper Rack Doors Close
15:20-15:30	FE-2	CASCADE Activation of General Light and Deactivate Cleaning
15:25-16:25	FE-1	Install ЛКТ (TA251M1Б) and Memory Device in the Soyuz 232 БО. <b>Install ЛКТ #1419532185, Memory Device (ПЗУ) #1419531907 (CM1PO_3_314_1, bag #353-8 (00037141R)). Update IMS</b>
15:30-16:20	FE-2	CASCADE Charge bioreactor, insert into Thermal Enclosure [KT], and activate mixing
15:35-15:50	CDR,FE-3	ARED Flywheel Cylinder Evacuation
15:50-16:05	FE-3	CMS and ARED Introduction
15:50-17:05	CDR	Physical Exercise (ARED)
16:05-17:05	FE-5	Physical Exercise T2
16:10-16:25	FE-4	Private Medical Conference ( <i>S + Ku-band</i> )
16:20-17:35	FE-3	ISS Crew Adaptation
16:20-16:40	FE-2	CASCADE Deactivate Thermal Enclosure [KT] and Setup Bioreactor in TBU-V (+29 deg)
16:25-16:35	FE-4	PLAZMIDA Experiment Photography
16:25-16:40	FE-1	PLAZMIDA Process deactivation and setup in TBU at +37 deg
16:35-18:05	FE-4	Physical Exercise (TVIS), Day 1
16:40-16:55	FE-1	CMS and ARED Introduction
16:40-17:20	FE-2	CASCADE Glovebox-S Removal
16:55-17:10	FE-1	Private Medical Conference ( <i>S + Ku-band</i> )

17:05-18:35	FE-5	Physical Exercise (ARED)
17:10-18:05	<b>FE-1</b>	ISS Crew Adaptation
17:20-17:35	<b>FE-2</b>	Private Medical Conference ( <i>S + Ku-band</i> )
17:35-17:45	CDR,FE-3	PAO Hardware Setup
17:35-17:50	<b>FE-2</b>	CMS and ARED Introduction
17:45-17:55	CDR,FE-3	Crew Prep For PAO
17:50-18:05	<b>FE-2</b>	ISS Crew Adaptation
17:55-18:15	CDR,FE-3	PAO Event
18:05-18:35	<b>FE-1,FE-2, FE-4</b>	Handover to Soyuz 232 crew
18:15-18:35	FE-3	Evening Work Prep
18:15-18:25	CDR	Evening Work Prep
18:25-18:35	CDR	USOS Window Shutter Close
18:35-19:00	.	Daily Planning Conference ( <i>S-band</i> )
19:00-19:30	<b>FE-2,FE-5</b>	Evening Work Prep
19:00-19:10	<b>FE-1</b>	Evening Work Prep
19:00-19:30	<b>FE-4</b>	INTERACTION Experiment Ops
19:00-19:20	CDR,FE-3	Evening Work Prep
19:10-19:30	<b>FE-1</b>	MEMBRANE Removal of capsules from thermostatic container and stowage
19:20-19:25	CDR,FE-3	Start Video
19:25-21:05	FE-3	Pre-sleep
19:30-21:20	CDR	Pre-sleep
19:30-21:30	<b>FE-1,FE-2, FE-4,FE-5</b>	Pre-sleep
21:05-21:20	FE-3	Journals First Time Entry
21:20-21:25	CDR,FE-3	Terminate Video
21:25-21:30	FE-3	Reaction Self Test
21:25-21:30	CDR	BCAT Nikon D2Xs Battery Changeout
21:30-06:00	.	SLEEP
<b>Task List</b>	<b>FE-4</b>	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
- 4. During Science ops -- Tagup with specialists (S-band)**
- 5. 12:20 - 12:40 No access to OCA**

End of Radiogram