

Radiogram No. 3604u

Form 24 for 07/16/2010

ISS REBOOST USING 8 PROGRESS (AO) ДПО THRUSTERS (FGB FUEL)

GMT	CREW	ACTIVITY
06:00-06:10	FE-2,FE-3,FE-4, FE-5,FE-6	Morning Inspection
06:00-06:05	CDR	Elektron-VM Aerosol Filter Inspection
06:05-06:10	CDR	Morning Inspection
06:10-06:40	.	Post-sleep
06:40-07:30	.	BREAKFAST
07:30-07:55	.	Daily Planning Conference (<i>S-band</i>)
07:55-08:10	CDR,FE-3,FE-5	IMS Conference
08:10-08:55	FE-4	Failed sensor purge prior to removal and return to the ground
08:10-08:25	CDR,FE-2	Work Prep
08:10-08:30	FE-3,FE-5	
08:25-09:55	FE-6	Physical Exercise (ARED)
08:25-09:55	FE-2	CFE Hardware Setup
08:25-08:40	CDR	TVIS Exercise Video Setup
08:30-09:00	FE-3, FE-5 (assists)	MO-6. Hand Ergometry To=08:50 . <i>Tagup (VHF)</i>
08:40-09:20	CDR	COЖ Maintenance
08:55-09:25	FE-4	H2 Sensor R&R
09:00-10:15	FE-3,FE-5	ПхО and DC1 config for EVA and IMS update
09:20-10:20	CDR	RUSALKA Setup, photo/video, and cleanup
09:25-09:55	FE-4	OGS ORU Preparation
09:55-10:00	FE-2	CFE Powerup
09:55-10:00	FE-6	PWS1 Deactivation
09:55-10:05	FE-4	Connecting QDs after sensor replacement
10:00-10:25	FE-6	Video Camera Assembly 1 (VCA1) Adjustment
10:00-11:35	FE-2	Capillary Flow Experiments (CFE) Flow 1 Test
10:05-11:20	FE-4	ITCS LTL Sampling Adapter Removal for usage during OGS flush
10:15-10:45	FE-5, FE-3 (assists)	MO-6. Hand Ergometry To=10:25 . <i>Tagup (VHF)</i>
10:20-11:50	CDR	Physical Exercise (TVIS), Day 1
10:40-10:55	FE-6	MSG/SAME Daily Startup Steps 1 and 2
10:45-11:35	FE-3,FE-5	ПхО and DC1 config for EVA and IMS update
10:55-11:10	FE-6	CUBELAB Data Collection
11:10-11:15	FE-6	PWS1 Software Reload
11:20-12:00	FE-4	ITCS LTL Sampling Adapter Setup for usage during OGS flush
11:35-12:05	FE-2	CFE Teardown
11:35-11:45	FE-3	MAI-75 Hardware Activation. <i>Tagup (S-band)</i>
11:35-13:05	FE-5	Physical Exercise (TVIS), Day 2
11:40-11:50	FE-6	Load Container File for LSAP
11:45-12:00	FE-3	MAI-75 Transmitter Monitoring
11:50-12:50	CDR	Physical Exercise (VELO), Day 1

12:00-12:45	FE-4	Preparation for unpowering OGS
12:00-13:00	FE-3	Physical Exercise (ARED)
12:00-12:20	FE-6	PWS1 Software Reload
12:05-12:40	FE-2	EHS MCD Water Processing
12:20-12:30	FE-6	Load Container File for LSOS
12:30-12:40	FE-6	Vehicle Cabin Atmosphere Module (VCAM) Helium Valve Open
12:40-12:50	FE-6	Load Container File for LSDA
12:40-13:00	FE-2	Activate KUBIK-3 for checkout
12:50-13:00	CDR	RUSALKA Terminate Data Copy and Downlink via OCA
12:50-13:00	FE-6	PWS1 SW Reload
13:00-13:05	CDR	On MCC GO ISS O2 Repress from Progress 406 CpPK Section 2 (start)
13:00-13:20	FE-3	LUNCH
13:00-14:00	FE-2,FE-4,FE-6	LUNCH
13:05-14:00	CDR	LUNCH
13:05-14:05	FE-5	LUNCH
13:20-13:35	FE-3	MAI-75 Transmitter Monitoring
13:35-13:45	FE-3	MAI-75 Hardware Deactivation and Cleanup. <i>Tagup (S-band)</i>
13:45-14:25	FE-3	LUNCH
14:00-14:05	CDR	ISS O2 repress from Progress 406 CpPK Section 2 (terminate)
14:05-17:05	CDR	Progress 406 Unloading and IMS Updates
14:15-16:45	FE-5	PxO and DC1 config for EVA and IMS update
14:20-14:35	FE-4	Private Family Conference
14:20-15:35	FE-6	ICV Monitoring Start
14:25-16:45	FE-3	PxO and DC1 config for EVA and IMS update
14:35-14:45	FE-2	ICV-AMB. Assistance During Experiment (operator 1)
15:00-15:10	FE-2	ICV-AMB MON-OPR2
15:10-16:40	FE-4	Physical Exercise (ARED)
15:15-15:20	FE-2	Remove T2 Snubber Alignment Guides after the reboost
15:20-15:25	FE-2	Setting Kubik Equipment for Drying
15:25-15:40	FE-2	IMS Tagup (<i>S-band</i>)
15:40-16:40	FE-2	Physical Exercise T 2
15:40-16:40	FE-6	Physical Exercise (CEVIS)
16:40-16:50	FE-2	T2 Snubber Arm Inspection
16:40-17:40	FE-4	Physical Exercise (CEVIS)
16:40-16:55	FE-6	PWS1 Software Reload
16:45-17:05	FE-5	IMS Update
16:45-18:15	FE-3	Physical Exercise (TVIS), Day 2
16:50-18:20	FE-2	Physical Exercise (ARED)
17:15-17:45	FE-5	Evening Work Prep
17:15-17:20	FE-6	ICV Battery Replacement
17:15-17:55	CDR	IDENTIFICATION. Saving IMY-Ц Data to Laptop. <i>Tagup (S-band)</i>
17:45-17:50	FE-4	HAM Radio Setup
17:45-18:45	FE-5	Physical Exercise (VELO), Day 2
17:50-18:00	FE-4	HAM Radio Session

17:55-18:00	CDR	Elektron-VM Aerosol Filter Inspection
18:00-18:35	FE-6	Evening Work Prep
18:05-18:20	CDR	TVIS Exercise Video Stow
18:15-18:45	FE-3,FE-4	Evening Work Prep
18:20-18:45	CDR,FE-2	Evening Work Prep
18:35-18:40	FE-6	ICV Battery Replacement
18:40-18:45	FE-6	Evening Work Prep
18:45-19:10	.	Daily Planning Conference (<i>S-band</i>)
19:10-19:30	.	Flight Director / ISS Crew Tagup (<i>Ku+S-band</i>)
19:30-19:45	FE-4	Pre-sleep
19:30-19:45	FE-6	Health Maintenance System (HMS) Eye Exam - PanOptic Setup
19:30-21:30	CDR,FE-3,FE-5	Pre-sleep
19:30-19:35	FE-2	MPC Power Up
19:35-21:25	FE-2	Pre-sleep
19:45-19:50	FE-6	MSG/Smoke Aerosol Measurement Experiment Daily Shutdown
19:45-19:50	FE-4	HMS Eye Exam - PanOptic Prep
19:50-20:00	FE-4	Pre-sleep
19:50-19:55	FE-6	Pre-sleep
19:55-20:00	FE-6	Panoptic Video Setup
20:00-20:20	FE-6	Pre-sleep
20:00-20:15	FE-4	Private Family Conference
20:15-20:20	FE-4	Pre-sleep
20:20-20:50	FE-4	HMS PanOptic Eye Exam - CMO
20:20-20:50	FE-6	HMS PanOptic Eye Exam - Subject
20:50-21:30	FE-4	Pre-sleep
20:50-21:05	FE-6	HMS PanOptic Eye Exam Hardware Stow and Data Downlink
21:05-21:10	FE-6	Panoptic Video Stow
21:10-21:25	FE-6	Pre-sleep
21:25-21:30	FE-6	Pre-sleep ICV Battery Replacement
21:25-21:30	FE-2	MPC Power Down
21:30-06:00	.	SLEEP

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: dinner, daily food prep, evening toilet
- End of Radiogram