

Radiogram No. 3588u

Form 24 for 07/14/2010

**REFILLING FGB БНДГ(О)1 LOW-PRESSURE FUEL AND OXIDIZER TANKS FROM PROGRESS 406  
REFUELING SYSTEM (THROUGH SM MANIFOLD 2)**

GMT	CREW	ACTIVITY
06:00-06:10	FE-2, <b>FE-3</b> , <b>FE-5</b> , FE-6	Morning Inspection
06:00-06:05	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
06:00-06:20	FE-4	HRF Urine Sample Collection Subject
06:05-06:10	<b>CDR</b>	Morning Inspection
06:10-06:40	<b>CDR</b> , FE-2, <b>FE-3</b> , <b>FE-5</b> , FE-6	Post-sleep
06:20-06:25	FE-4	HRF Urine Sample Insertion Into MELFI
06:25-06:30	FE-4	PRO K Urine PH Test
06:30-06:35	FE-4	PRO K Photography
06:35-06:50	FE-4	Post-sleep
06:40-07:30	<b>CDR</b> , <b>FE-3</b> , <b>FE-5</b> , FE-6	BREAKFAST
06:40-07:00	FE-2	BREAKFAST
06:50-07:00	FE-4	HRF Refrigerated Centrifuge Setup
07:00-07:20	FE-4	HRF Blood Sample Draw Subject
07:00-07:15	FE-2	HRF Blood Draw Operator
07:15-07:30	FE-2	BREAKFAST
07:20-07:30	FE-4	BREAKFAST
07:30-07:50	<b>FE-5</b>	Work Prep
07:30-07:40	FE-4	HRF Refrigerated Centrifuge Configuration
07:30-08:00	<b>CDR</b> , FE-2, <b>FE-3</b> , FE-6	Work Prep
07:40-08:00	FE-4	BREAKFAST
07:50-08:00	<b>FE-5</b>	URAGAN. FSS PL Battery Charge (start)
08:00-08:10	FE-4	Daily Planning Conference ( <i>S-band</i> )
08:00-08:25	<b>CDR</b> , FE-2, <b>FE-3</b> , <b>FE-5</b> , FE-6	
08:10-08:15	FE-4	HRF Refrigerated Centrifuge Closeout Ops
08:15-08:25	FE-4	HRF Blood Sample Insertion into MELFI
08:25-08:40	<b>CDR</b> , <b>FE-3</b> , <b>FE-5</b>	Private medical conference with physical exercise specialist ( <i>S-band + VHF</i> )
08:25-08:55	FE-4	Work Prep
08:25-08:30	FE-6	MERLIN Desiccant Replacement
08:30-08:40	FE-6	TOCA Waste Water Bag (WWB) Replace
08:40-10:15	<b>CDR</b>	Progress 406 Unloading and IMS Updates
08:40-08:50	FE-2	WRS Water Sample Analysis
08:40-09:40	FE-6	Physical Exercise T 2
08:40-11:45	<b>FE-3</b> , <b>FE-5</b>	EVA Equipment and EVA Tools Preparation. Consolidation of EVA bundles.

		Photography
08:50-10:15	FE-2	EHS SM Sample Collection
08:55-09:25	FE-4	Health Maintenance System (HMS) Ultrasound Setup
09:25-09:40	FE-4	Health Maintenance System (HMS) Ultrasound Setup Part 2
09:40-10:20	FE-4	Ultrasound Scan - Operator
09:40-10:20	FE-6	Ultrasound Scan
10:15-11:45	<b>CDR</b>	Physical Exercise (TVIS), Day 3
10:15-11:05	FE-2	WRS Sample Collection
10:20-11:00	FE-6	Ultrasound Scan - Operator
10:20-11:00	FE-4	Ultrasound Scan
11:00-11:05	FE-6	Bioprocessor and CGBA 5 Status Check
11:05-11:10	FE-2	TOCA Data Recording
11:05-11:15	FE-6	Moderate Temperature Loop (MTL) Quick Disconnect (QD) Demate
11:10-11:20	FE-2	TOCA Potable Water Dispenser (PWD) Sample Analysis
11:20-12:00	FE-2	Ultrasound Scan
11:20-11:50	FE-4	BIORHYTHM Experiment Ops
11:20-12:00	FE-6	Ultrasound Scan - Operator
11:45-11:55	<b>FE-5</b>	URAGAN. FSS PL Battery Charge (terminate)
11:45-13:15	<b>FE-3</b>	Physical Exercise (TVIS), Day 4
11:45-12:15	<b>CDR</b>	Clean FGB LJB1 Fan Guard Screen
11:50-12:10	FE-4	HRF - Stow Urine Collection Equipment
12:00-13:30	FE-6	Physical Exercise (ARED)
12:05-12:25	FE-2	MCD/CFM In-Flight Water Processing
12:10-13:10	<b>FE-5</b>	Physical Exercise (VELO), Day 4
12:15-13:00	FE-4	OGA Hydrogen Sensor ORU Purge Adapter (HOPA) Operations
12:15-13:15	<b>CDR</b>	Cleaning FGB ГЖТ [Gas-Liquid Heat Exchanger] Detachable Screens 1, 2, and 3
12:25-12:35	FE-2	EHS Water Reclamation
12:35-12:40	FE-2	EarthKAM Lens Change
13:05-13:15	FE-2	Stow Earlier Installed Formaldehyde Monitoring Kit (FMK)
13:10-13:15	<b>FE-5</b>	<b>On MCC GO</b> ISS O2 repress from Progress 406 CpПК Section 2 (start)
13:15-14:15	<b>CDR, FE-2, FE-3, FE-4</b>	LUNCH
13:15-14:10	<b>FE-5</b>	LUNCH
13:30-14:30	FE-6	LUNCH
14:10-14:15	<b>FE-5</b>	ISS O2 repress from Progress 406 CpПК Section 2 (terminate)
14:15-14:25	FE-2	TOCA 2 Data Recording
14:15-15:20	<b>FE-5</b>	EVA Equipment and EVA Tools Preparation. Consolidation of EVA bundles. Photography
14:15-16:15	<b>CDR</b>	Progress 406 Unloading and IMS Updates
14:15-16:15	<b>FE-3</b>	EVA Equipment and EVA Tools Preparation. Consolidation of EVA bundles. Photography
14:25-14:40	FE-2	Private Medical Conference
14:30-14:50	FE-6	Health Maintenance System (HMS) Ultrasound Stow

14:40-15:55	FE-2	CFE Hardware Setup
14:50-15:00	FE-6	MSG SAME Experiment Daily Startup, Step 1
15:00-15:15	FE-4	Private Psychological Conference
15:00-15:15	FE-6	SAME Historical Video Documentation
15:15-17:00	FE-6	SAME Hardware Setup Part 1
15:15-15:30	FE-4	Payload Closeout
15:20-16:05	<b>FE-5</b>	URAGAN. Observation and Photography using FSS
15:30-17:00	FE-4	Physical Exercise (ARED)
16:00-17:00	FE-2	Physical Exercise (CEVIS)
16:05-17:00	<b>FE-5</b>	EVA Equipment and EVA Tools Preparation. Consolidation of EVA bundles. Photography
16:15-16:55	<b>FE-3</b>	COЖ Maintenance
16:15-17:15	<b>CDR</b>	Physical Exercise (VELO), Day 3
17:00-18:00	FE-4	Physical Exercise T 2
17:00-18:00	FE-6	SAME Hardware Setup Part 2
17:00-18:30	FE-2	Physical Exercise (ARED)
17:00-18:30	<b>FE-5</b>	Physical Exercise (TVIS), Day 4
17:00-17:30	<b>FE-3</b>	INTERACTION Experiment Ops
17:15-17:30	<b>CDR</b>	Verify ИП-1 Flow Meter Configuration
17:30-17:50	<b>CDR</b>	IMS Update
17:30-18:30	<b>FE-3</b>	Physical Exercise (VELO), Day 4
17:50-17:55	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
18:00-18:10	FE-4	T2 Snubber Arm Inspection
18:00-18:30	<b>CDR</b>	Preparation for СБИ АСП cable replacement (17KC.42Ю8242A-9110)
18:00-18:05	FE-6	MSG/Smoke Aerosol Measurement Experiment Daily Shutdown
18:05-18:20	FE-6	Private Psychological Conference
18:30-18:55		Daily Planning Conference ( <i>S-band</i> )
18:55-19:30		Evening Work Prep
19:30-21:30	<b>FE-3, FE-5, FE-6</b>	Pre-sleep
19:30-19:35	FE-2	MPC Power Up
19:30-21:20	<b>CDR</b>	Pre-sleep
19:30-20:00	FE-4	Pre-sleep
19:35-21:25	FE-2	Pre-sleep
20:00-20:15	FE-4	VHF Comm Check Using US Ground Sites
20:15-21:30	FE-4	Pre-sleep
21:20-21:30	<b>CDR</b>	SONOCARD Experiment Start
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
4. **FE-3** and **FE-5** tagups with EVA specialists (S-band, VHF)