

Radiogram No. 3585u

Form 24 for 07/13/2010

**SM 502 ODU [SM INTEGRATED PROPULSION SYSTEM OXIDIZER TANK 2] REFILLING FROM  
PROGRESS 406 CD REFUELING SYSTEM USING K2 COMPRESSOR**

GMT	CREW	ACTIVITY
06:00-06:10	CDR, FE-5, FE-6	Morning Inspection
06:00-06:05	FE-3	Elektron-VM Aerosol Filter Inspection
06:00-06:05	FE-4	Pro K Crew Urine pH Spot Test
06:00-06:05	FE-2	REACTION Self Test
06:05-06:10	FE-2, FE-3	Morning Inspection
06:05-06:25	FE-4	HRF Urine Sample Collection Subject
06:10-06:40	CDR, FE-2, FE-3, FE-5, FE-6	Post-sleep
06:25-06:35	FE-4	HRF Urine Sample Insertion Into MELFI
06:35-07:00	FE-4	Post-sleep
06:40-07:30	CDR, FE-2, FE-3, FE-5, FE-6	BREAKFAST
07:00-07:30	FE-4	BREAKFAST
07:30-07:35		Work Prep
07:35-08:00		Daily Planning Conference ( <i>S-band</i> )
08:00-08:15	CDR, FE-2, FE-3, FE-4, FE-5	Work Prep
08:00-08:10	FE-6	Work Prep
08:10-08:15	FE-6	MERLIN Desiccant Replace
08:15-08:30	CDR	Inspection of CPB-K2M Sediment Trap Insert
08:15-08:45	FE-2	CFE Procedure Review
08:15-08:35	FE-4	HRF Urine Sample Collection Subject
08:15-09:10	FE-6	Kids in Micro-G Experiment Prep
08:15-11:05	FE-3	PILOT-M FE-3 runs the experiment using Neurolab. <i>Tagup with specialists (S-band)</i>
08:35-08:40	FE-4	HRF Urine Sample Insertion Into MELFI
08:45-09:05	CDR	PILOT. Assistance with the experiment using Neurolab
08:50-09:20	FE-4	PCS R13 Hard Drive Initial Deploy
08:55-09:35	FE-5	COX Maintenance
09:05-09:55	CDR	Replacement of ПФ1, ПФ2 Dust Filters and Cleaning B1, B2 Fan Grills in DC1 ( <i>ФГБ1ПГО_2_224_1, bag 405-33, b/c 00049676R</i> ). <b>Discard the removed items. Update the IMS.</b>
09:10-09:15	FE-6	Kids in Micro-G Video Setup
09:15-09:35	FE-2	Kids in Micro-G Experiment Assistance
09:15-09:45	FE-6	Kids in Micro-G Experiment Ops
09:35-09:45	FE-2	CIR Upper Rack Doors Open
09:45-10:00	FE-6	Payload Access Preparation

09:45-09:50	FE-2	CIR Manifold Valve Open
09:45-11:15	FE-4	Physical Exercise (ARED)
09:50-10:00	FE-2	CIR Oxidizer Rack Close/Deactivate
09:55-10:45	<b>CDR</b>	Replacement of ПФ1, ПФ2 Dust Filters and Cleaning B1, B2 Fan Grills in MRM2 ( <b>ФГБ1ПГО_2_224_1, bag 405-33, b/c 00049676R</b> ). <b>Discard the removed items. Update the IMS.</b>
10:00-11:10	FE-6	ICV ECHO Setup
10:10-10:20	FE-5	URAGAN. FSS PL Battery Charge (start)
10:20-11:50	<b>FE-5</b>	Hardware and tool search for EVA-25. <i>Tagup with specialists (S-band)</i>
10:45-12:00	<b>CDR</b>	Progress 406 unloading and IMS updates
10:45-10:55	FE-2	Glove Box (MSG) Activation
10:55-12:55	FE-2	CSLM Experiment Stow
11:05-11:25	<b>FE-3</b>	IMS Update
11:10-12:10	FE-6	ICV Echo Scan
11:15-12:05	FE-4	ICV Assistance During Experiment
11:30-13:00	<b>FE-3</b>	Hardware and tool search for EVA-25. <i>Tagup with specialists (S-band)</i>
11:50-12:50	<b>FE-5</b>	Physical Exercise (VELO), Day 3
12:00-13:00	<b>CDR</b>	Physical Exercise (ARED)
12:10-12:30	FE-6	ICV ECHO Stow
12:50-13:00	<b>FE-5</b>	URAGAN. FSS PL Battery Charge (terminate)
12:55-13:00	FE-2	Glove Box (MSG) Powerdown
13:00-14:00		LUNCH
14:00-14:10	FE-2	PAO Hardware Setup
14:00-14:40	<b>CDR</b>	Progress 406 unloading and IMS updates
14:00-14:05	FE-4	PROK Diet Logging (Day 2-4)
14:00-15:00	<b>FE-3</b>	Hardware and tool search for EVA-25. <i>Tagup with specialists (S-band)</i>
14:00-14:55	<b>FE-5</b>	Hardware and tool search for EVA-25. <i>Tagup with specialists (S-band)</i>
14:10-14:20	FE-2, FE-4, FE-6	Crew Prep for PAO
14:20-14:40	FE-2, FE-4, FE-6	PAO Event
14:40-16:10	<b>CDR</b>	Physical Exercise (TVIS), Day 2
14:40-14:45	FE-2	VCA1 Adjustment
14:40-14:50	FE-6	PAO Hardware Deactivation
14:45-16:00	FE-2	FSL Video Management Unit (VMU) Troubleshooting
14:50-15:10	FE-4	HRF Urine Sample Collection Subject
14:55-15:40	<b>FE-5</b>	URAGAN. Observation and Photography using FSS
15:00-16:00	<b>FE-3</b>	Physical Exercise (VELO), Day 3
15:10-15:15	FE-4	HRF Urine Sample Insertion Into MELFI
15:15-16:15	FE-4	Physical Exercise (CEVIS)
15:35-17:05	FE-6	Physical Exercise (ARED)
16:00-16:15	FE-2	Private Medical Conference
16:00-17:30	<b>FE-5</b>	Physical Exercise (TVIS), Day 3

16:10-16:40	<b>CDR</b>	SEINER Ocean Observations
16:20-17:20	FE-2	Physical Exercise T 2
16:30-16:50	FE-4	HRF Urine Sample Collection Subject
16:30-16:45	<b>FE-3</b>	Private Medical Conference ( <i>Ku+S-band</i> )
16:40-17:20	<b>CDR</b>	Cleaning B <sub>1</sub> and B <sub>2</sub> Air Ducts in DC-1
16:45-17:30	<b>FE-3</b>	Evening Work Prep
16:50-16:55	FE-4	HRF Urine Sample Insertion Into MELFI
16:55-17:05	FE-4	HRF Blood Collection Hardware Setup
17:05-18:05	FE-6	Physical Exercise (CEVIS)
17:05-18:05	FE-4	Portable Computer System (PCS) R13 Hard Drive Final Deploy
17:20-18:20	<b>CDR</b>	B3 Fan Screen Cleaning in DC1
17:20-17:30	FE-2	T2 Snubber Arm Inspection
17:30-19:00	FE-2	Physical Exercise (ARED)
17:30-17:50	<b>FE-5</b>	Evening Work Prep
17:30-19:00	<b>FE-3</b>	Physical Exercise (TVIS), Day 3
17:50-18:05	<b>FE-5</b>	Private Medical Conference ( <i>Ku+S-band</i> )
18:05-19:05	FE-6	US EVA tool gathering
18:05-18:15	FE-4	RFTA Access
18:15-18:45	FE-4	WRS RFTA QD Hose Config
18:20-18:35	<b>CDR</b>	Private Medical Conference ( <i>Ku+S-band</i> )
18:35-19:05	<b>CDR</b>	Evening Work Prep
18:45-19:05	FE-4	WRS - RFTA Closeout Ops
19:00-19:05	FE-2	FSL Door Close
19:00-19:05	<b>FE-3</b>	Elektron-VM Aerosol Filter Inspection
19:05-19:30		Daily Planning Conference ( <i>S-band</i> )
19:30-19:35	FE-2	MPC Power Up
19:30-21:30	<b>CDR, FE-3, FE-4, FE-5, FE-6</b>	Pre-sleep
19:35-19:40	FE-2	REACTION Self Test
19:40-21:25	FE-2	Pre-sleep
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