

Radiogram No. 1515u

Form 24 for 10/26/09

**SM VENTILATION SUBSYSTEM PREVENTIVE MAINTENANCE. BMT2-12 3Y-25 TEST**

GMT	CREW	ACTIVITY
06:00-06:05	FE-1	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-3	Morning Inspection. <i>Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139</i>
06:00-06:05	FE-4	Bisphosphonates Pill Ingestion
06:00-06:05	CDR,FE-2,FE-5	SLEEP Data Log Entry
06:05-06:10	CDR,FE-1,FE-2,FE-5	Morning Inspection
06:05-06:10	FE-4	SLEEP Data Log Entry
06:10-06:40	.	Post-sleep
06:40-07:30	.	BREAKFAST
07:30-07:55	.	Daily Planning Conference ( <i>S-band</i> )
07:55-08:00	FE-2	Urine Processor Assembly (UPA) Fill
07:55-08:15	CDR,FE-1	Work Prep
07:55-08:05	FE-3,FE-5	Work Prep
08:00-08:10	FE-2	Start EMU METOX Regeneration
08:05-08:15	FE-5	WRS Water Sample Analysis
08:05-08:25	FE-3	PLANTS-2 Copy data to memory card
08:10-08:20	FE-2	Battery Stowage Assembly (BSA) Battery Recharge Terminate
08:10-08:20	FE-4	BCAT Historical Documentation Video Setup
08:15-10:15	FE-5	HTV Cargo Transfer Operations
08:15-08:55	FE-1	IZGIB -DAKON. DAKON Hardware Transfer from FGB to SM
08:15-08:45	CDR	ESA Weekly Conference
08:20-10:20	FE-4	BCAT5 – Setup w/EarthKAM
08:20-08:40	FE-2	Start BSA Battery Charge
08:25-09:15	FE-3	PLANTS-2. Plant Sample Collection <i>Tagup with specialists (S-band)</i>
08:40-10:10	FE-2	Physical Exercise (ARED)
08:50-09:00	CDR	TVIS Exercise Video Equipment Setup
08:55-10:15	FE-1	IZGIB -DAKON. Preparation Steps. <i>Tagup with specialists (S-band)</i>
09:00-09:55	CDR	Treadmill 2 (T2) Long Duration Test
09:15-09:25	FE-3	LADA Sample Insertion Into MELFI
09:25-10:20	FE-3	Russian Cargo Preparation for HTV
09:55-10:10	CDR	Treadmill 2 (T2) Passive Tests and Harness Tests
10:10-11:40	CDR	Physical Exercise (ARED)
10:10-10:25	FE-2	ARED Flywheel Cylinder Evacuation
10:15-11:05	FE-1	IZGIB -DAKON. SW Installation, Copying, Downlink. <i>Tagup with specialists (S-band)</i>
10:20-10:35	FE-3	IZGIB -DAKON. Photography of FE1 Running the Experiment
10:35-11:00	FE-3	Russian Cargo Preparation for HTV
10:45-11:30	FE-5	Treadmill 2 (T2) Long Duration Test
10:50-11:20	FE-4	BCAT-5. Specimen 6 Initialize
10:55-11:00	FE-2	Verify Serial Number of JLP1FP2 LHA

11:00-12:20	FE-2	IFM Equipment Stowage
11:05-11:25	<b>FE-1</b>	Inspection of CPB-K2M Sediment Trap Insert
11:30-11:45	FE-5	Treadmill 2 (T2) Passive Tests and Harness Tests
11:30-12:00	<b>FE-3</b>	Cleaning LIV TVS Voltage Converter Ventilation Grille
11:30-12:30	<b>FE-1</b>	Physical Exercise (TVIS), day 4
11:30-13:00	FE-4	Physical Exercise (ARED)
11:40-11:50	CDR	Glove Box (MSG) Activation
11:45-11:55	FE-5	TOCA Data Analysis
12:00-13:00	<b>FE-3</b>	Physical Exercise (VELO), day 1
12:05-13:00	FE-5	ICV Data Download
12:20-12:50	CDR	Psychological Evaluation Program (WinSCAT)
12:30-13:00	<b>FE-1</b>	Hygiene Procedures
13:00-14:00	.	LUNCH
14:00-14:10	FE-2	EHS Sampling Start
14:00-14:40	<b>FE-3</b>	Filling EDV (KOV) for Elektron <i>from CWC #1073,1043</i>
14:00-15:45	<b>FE-1</b>	Preventive Maintenance of SM Ventilation System - Cleaning BT1, BTK1 Screens, SKV1 ГЖТ Grille
14:00-14:15	CDR	ESA Cargo Relocation from ETC Rack Front
14:15-14:30	FE-2,FE-5	Tagup w/specialists regarding Shuttle R-Bar Pitch Maneuver photo/video
14:15-14:30	CDR	Flywheel Vests Yellow Tagging
14:30-15:15	FE-5	WHC Configuration
14:30-14:35	CDR	Connection of MPPLL Power Cable
14:35-15:20	CDR	Flywheel Unstowage and Assembly
14:40-15:20	<b>FE-3</b>	COЖ Maintenance
15:10-15:55	FE-4	Treadmill 2 (T2) Long Duration Test
15:15-15:45	FE-5	Psychological Evaluation Program (WinSCAT)
15:20-16:50	<b>FE-3</b>	Russian Cargo Preparation for HTV
15:20-16:05	CDR	SAMS Sensor Relocate to Flywheel
15:25-16:25	FE-2	Physical Exercise (TVIS)
15:45-16:15	FE-5	Crew Medical Officer (CMO) Proficiency Training
15:55-16:15	FE-4	Treadmill 2 (T2) Short Duration Test
16:05-16:35	<b>FE-1</b>	SEINER World Ocean Observation
16:05-16:20	CDR	Setup for Robotics OBT
16:15-17:45	FE-5	Physical Exercise (ARED)
16:15-16:25	FE-4	Stow video equipment used to record TVIS exercise
16:20-16:25	CDR	Photo/TV Setup for ROBoT Ops
16:25-18:25	CDR,FE-2	Crew Prep for HTV Undocking
16:35-17:05	<b>FE-1</b>	Search for spare Air Purification System [COA] Emergency Vacuum Valve [ABK]
16:50-17:50	<b>FE-3</b>	Physical Exercise (TVIS), day 1
17:05-17:25	<b>FE-1</b>	IMS Update
17:15-17:20	FE-4	BCAT5 Sample Check and Photography
17:25-18:25	FE-4	DOUG Software Review

17:25-17:45	<b>FE-1</b>	Evening Work Prep
17:45-18:45	<b>FE-1</b>	Physical Exercise (ARED)
17:50-18:20	<b>FE-3</b>	Hygiene Procedures
18:25-18:45	<b>FE-3,FE-4,FE-5</b>	Evening Work Prep
18:25-18:30	FE-2	Stow Video Equipment Used during ROBoT Ops
18:25-18:30	CDR	Teardown ROBoT after Training Session
18:30-18:45	FE-2	Evening Work Prep
18:30-18:40	CDR	HR Data Transfer to MEC
18:40-18:45	CDR	Transfer TVIS, CEVIS, and HRM data to MEC
18:45-19:10	.	Daily Planning Conference ( <i>S-band</i> )
19:10-19:15	FE-2	EHS Sampling Termination
19:10-19:30	CDR, <b>FE-1,FE-3,FE-4,FE-5</b>	Evening Work Prep
19:15-19:30	FE-2	Evening Work Prep
19:30-19:35	FE-1	Elektron-VM Aerosol Filter Inspection
19:30-19:35	CDR	MPC Power Up
19:30-21:30	FE-2, <b>FE-3,FE-4,FE-5</b>	Pre-sleep
19:35-21:30	<b>FE-1</b>	
19:35-21:25	CDR	
21:25-21:30	CDR	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: dinner, daily food prep, evening toilet
- End of Radiogram