

Radiogram No. 2471u

Form 24 for 03/01/2010

**REPLACEMENT OF BACKUP ROM [ПЗУ] WITH ВД-СУ MODE DEACTIVATION AND БИТС POWER OFF**

GMT	CREW	ACTIVITY
06:00-06:05	CDR,FE-6	SLEEP Questionnaire
06:00-06:10	FE-1	Morning Inspection. <i>Inspection of Circuit Breakers [A3C] on DC1 Power Switch Panel (БВП) and Fuses in DC1 Fuse Boxes БПП-30, БПП-36</i> <i>Inspection of CM-Y connector on MHP-HC pump behind ACY panel 139.</i>
06:00-06:05	FE-4	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-5	Morning Inspection
06:05-06:10	CDR,FE-4	Morning Inspection
06:05-06:10	FE-6	Urine pH Test
06:10-06:40	CDR,FE-1, FE-4,FE-5	Post-sleep
06:10-06:30	FE-6	HRF Urine Sample Collection
06:30-06:35	FE-6	HRF Urine Sample Insertion into MELFI
06:35-06:40	FE-6	Urine Log
06:40-06:55	CDR	BREAKFAST
06:40-07:30	FE-1,FE-4, FE-5	BREAKFAST
06:45-06:55	FE-6	HRF Refrigerated Centrifuge Setup
06:55-07:10	CDR	HRF Blood Draw (operator)
06:55-07:15	FE-6	HRF Blood Draw
07:10-07:25	CDR	BREAKFAST
07:15-07:25	FE-6	Post-sleep
07:25-07:30	CDR	ERM MPPLL Power Cable Reconnect
07:25-07:35	FE-6	HRF Refrigerated Centrifuge Configuration
07:30-07:35	CDR	ERM Laptop Activation
07:35-08:00	.	Daily Planning Conference ( <i>S-band</i> )
08:00-09:30	CDR	Physical Exercise (ARED)
08:00-08:15	FE-1,FE-4	Work Prep
08:00-08:15	FE-5	Flight Director / ISS Crew Conference ( <i>S-band</i> )
08:05-08:10	FE-6	HRF Refrigerated Centrifuge Configuration
08:10-08:20	FE-6	HRF Insertion of Blood Samples into MELFI
08:15-08:55	FE-1	RESPIRATION Experiment Setup. <i>Tagup with specialists (S-band)</i>
08:15-10:45	FE-4	Inspection of the Working Compartment (PO) shell and ring behind panels 135, 138, 139, and TVIS
08:15-10:05	FE-5	JLP Cleanout
08:20-08:35	FE-6	HRF Blood Collection Hardware Stowage
08:35-08:55	FE-6	HRF Urine Collection Hardware Stowage
08:55-09:00	FE-1	Deactivating TVIS Power Circuit Breaker
08:55-09:25	FE-6	Post-sleep

09:05-10:25	<b>FE-1</b>	RESPIRATION Experiment Ops and Cleanup. <i>Tagup with specialists (S-band)</i>
09:25-10:15	FE-6	BREAKFAST
09:30-10:30	CDR	Physical Exercise (CEVIS)
10:05-11:05	FE-5	Hardware Prepack for Return on 19A
10:15-10:30	FE-6	ARED Flywheel Cylinder Evacuation
10:25-11:35	<b>FE-1</b>	TVIS Troubleshooting, Part 1
10:30-11:00	CDR	CARD PFM/PAM Setup
10:30-12:00	FE-6	Physical Exercise (ARED)
10:45-11:25	<b>FE-4</b>	Standalone checkout of БПИ and АСП. Log file dump. <i>Tagup with specialists (S-band)</i>
11:00-11:30	CDR	CARD Holter Setup
11:25-12:05	FE-5	TOCA Installation
11:35-12:30	<b>FE-1, FE-4 (assists)</b>	LBNP Exercise (PRELIMINARY). <i>Tagup with specialists (VHF)</i>
11:50-11:55	CDR	TOCA Installation
12:00-13:00	FE-6	Physical Exercise T 2
12:05-12:30	CDR	CARD Rebreathe Exercise 1
12:05-12:45	FE-5	Hardware Prepack for Return on 19A
12:30-12:45	<b>FE-4</b>	Soyuz 227 Gas Analyzer Activation
12:30-12:50	CDR	CARD Urine Collection
12:40-12:45	<b>FE-1</b>	<b>On MCC Go</b> ISS air repress from Progress 404 CpПК (start)
12:45-13:45	<b>FE-1,FE-4, FE-5</b>	LUNCH
13:00-14:00	CDR,FE-6	LUNCH
13:45-13:50	<b>FE-1</b>	ISS air repress from Progress 404 CpПК (terminate)
13:50-14:00	FE-5	EHS GC/DMS Ops Start
13:50-14:30	<b>FE-1</b>	Auxiliary Laptop Anti-Virus Update
13:55-14:05	<b>FE-4</b>	Replacement of backup ЮА114М ПЗУ [ROM] with ПЗУ [ROM] Version V4Б.Т on БИТС String Б - preparation
14:00-15:20	CDR	SLEEP Battery replacement, data upload, nominal reconfig
14:05-14:15	FE-5	Nanoskeleton - Sample Removal from MELFI
14:05-14:20	<b>FE-4</b>	<b>On MCC Go</b> Replacement of backup ЮА114М ПЗУ [ROM] with ПЗУ [ROM] Version V4Б.Т on БИТС String Б. <i>Tagup with specialists (as necessary) (S-band)</i>
14:15-14:50	FE-5	Nanoskeleton MEU Prep
14:20-14:25	<b>FE-4</b>	Replacement of backup ЮА114М ПЗУ [ROM] with ПЗУ [ROM] Version V4Б.Т on БИТС String Б - termination. <i>Tagup with specialists (as necessary) (S-band)</i>
14:25-14:35	<b>FE-4</b>	<b>ON MCC GO</b> Monitoring Secondary Combustion Unit Temperature after Elektron Activation
14:30-15:20	<b>FE-1</b>	TVIS Troubleshooting, Part 2
14:35-16:05	<b>FE-4</b>	BIMS Experiment
14:50-15:05	FE-6	Tropism in Plants Experiment Termination

14:50-15:10	FE-5	Nanoskeleton MEU-A Setup
15:05-15:40	FE-6	EMCS Container Changeout
15:10-16:40	FE-5	Physical Exercise (ARED)
15:20-15:30	<b>FE-1</b>	BIMS Photography During the Experiment
15:20-15:30	CDR	FMK Deployment Ops
15:30-15:40	CDR	CARD Rebreathe Exercise 2
15:30-17:00	<b>FE-1</b>	Physical Exercise (TVIS), Day 2
15:40-15:50	FE-6	TROI2 Sample Collection
15:40-16:20	CDR	T2 Monthly Inspection
15:50-16:50	FE-6	Tropism in Plants - Sample Relocation and Processing
16:05-17:05	<b>FE-4</b>	Physical Exercise (VELO), Day 3
16:25-16:35	CDR	Start EMU METOX Regeneration
16:35-16:40	CDR	HMS Defibrillator Inspection
16:40-16:55	CDR	Manually fill UPA Wastewater Storage Tank Assembly from EDV
16:40-17:40	FE-5	Physical Exercise T 2
16:50-17:00	FE-6	Tropism in Plants - Sample Removal from MELFI
17:00-17:20	CDR	Grab Sample Container (GSC) Sampling Operations
17:00-17:20	FE-6	EMCS Air Mix Supply Module Replacement
17:00-17:25	<b>FE-1</b>	FGB AK-1M air sampling for Freon
17:05-18:35	<b>FE-4</b>	Physical Exercise (TVIS), Day 3
17:20-17:40	FE-6	IMV Duct Removal
17:20-18:10	CDR	Evening Work Prep
17:25-17:40	<b>FE-1</b>	SM air sampling for CO using ИПД samplers
17:40-17:50	FE-6	Temp Stowage of IMV Duct for Node Leak Check
17:40-18:25	FE-5	Inspection of Portable Breathing Apparatus (PBA) (ADD HARNESS) and Portable Fire Extinguisher (PFE)
17:50-18:50	FE-6	Vestibule Depress (between Node 1 and Node 3)
18:00-18:35	<b>FE-1</b>	COЖ Maintenance
18:10-18:40	CDR	CARD Holter Arterial BP Measurements and Data Saving Day 1
18:25-19:00	FE-5	Evening Work Prep
18:35-18:40	<b>FE-4</b>	Elektron-VM Aerosol Filter Inspection
18:35-18:40	<b>FE-1</b>	MPC Power Up
18:40-19:00	<b>FE-1</b>	<b>ISS-MCC TV</b> Downlink <i>Belka And Strelka</i> Cartoon Video ( <i>Ku+S-band</i> )
18:40-19:05	CDR	CARD Rebreathe Exercise 3
18:40-19:05	<b>FE-4</b>	Evening Work Prep
18:50-19:05	FE-6	Node 1 and Node 3 Vestibule Leak Check
19:00-19:05	<b>FE-1</b>	Evening Work Prep
19:00-19:05	FE-5	Terminate EHS GC/DMS Ops
19:05-19:30	.	Daily Planning Conference ( <i>S-band</i> )
19:30-21:25	CDR	Pre-sleep
19:30-21:30	<b>FE-1,FE-4,FE-5,FE-6</b>	Pre-sleep

21:25-21:30	CDR	MPC Power Down
21:30-06:00	.	SLEEP
<b>Task List</b>	<b>FE-1,FE-4</b>	E21/22 Photo/Video
		Video Footage For TBLQ TV Channel
	<b>FE-1</b>	IMS Update
		PLANTS-2. Box A (KM 22) Pump Activation
		PLANTS-2. Payload Status Check

**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