

Radiogram No. 4084u

Form 24 for 09/16/2010

Biotechnical (BTX) Experiments. LBNP Exercise. Space Suit PO-5 Replacement

GMT	CREW	ACTIVITY /
06:00-06:05	CDR	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-2, FE-3 , FE-4, FE-5 , FE-6	Morning 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>)
07:55-08:15	CDR, FE-3	Work Prep
07:55-08:05	FE-2	FIR Photo/Video Setup
07:55-08:25	FE-4	Periodic Health Status - Subject
	FE-6	Periodic Health Status - Assistance
07:55-08:10	FE-5	Work Prep
08:05-08:20	FE-2	Fluids Integrated Rack (FIR) ARIS Snubber Pins/Cups Adjustment
08:10-13:10	FE-5	PO-5 Replacement (on Suits 4, 5, 6) DC1 comm config
08:20-08:30	FE-2	BLB Introduction and removal of thermal masses into/from ATCS 1/2
08:25-08:55	FE-6	Periodic Health Status - Subject
	FE-4	Periodic Health Status - Assistance
08:30-09:30	FE-2	Physical Exercise T 2
08:30-09:25	CDR, FE-3-assists	LBNP Exercise (PRELIMINARY) (<i>VHF</i>) /
08:55-09:05	FE-4	Fluids Integrated Rack Alignment Guide Removal
08:55-09:20	FE-6	Periodic Health Status (PHS) Data Entry and Hardware Stow
09:10-09:20	FE-4	MARES. Historical Documentation Photography Reconfiguration and Video Set Up
09:20-10:10	FE-4, FE-6	MARES Hardware Unstow
09:30-11:00	FE-2	Physical Exercise (ARED)
09:30-10:00	CDR, FE-3	Crew Departure Prep
10:00-10:55	FE-3, CDR-assists	LBNP training (PRELIMINARY) (<i>VHF</i>)
10:10-11:40	FE-4, FE-6	MARES. Electronics Subsystem Configuration Set up
10:55-11:25	FE-3	CASCADE Removing from TBY, mixing in KT, replacing to TBY
10:55-11:10	CDR	Crew Departure Prep
11:00-11:10	FE-2	BLB Temperature Behaviour Testing
11:10-11:25	CDR	CASCADE Photography
11:10-11:20	FE-2	ARIS Range Test Monitoring
11:20-12:20	FE-2	Crew Departure Prep
11:25-11:30	FE-3	CASCADE TBU Storage Mode Activation at +4 deg C
11:25-11:35	CDR	KO52 4ГБ4 Half-Coupling Shell Coolant Leak Check
11:30-12:00	FE-3	Pressurization of spare Elektron Liquid Unit #056

11:40-13:10	CDR	Physical Exercise (TVIS), Day 3
11:40-13:10	FE-4, FE-6	MARES Main Box Hardware Configuration
12:00-12:10	FE-3	BIOEMULSION. Replacement of Glove Units
12:10-12:15	FE-3	BIOEMULSION. Activate Sterilization
12:15-12:45	FE-3	Crew Departure Prep
13:05-13:10	FE-3	BIOEMULSION. Changing ACT position and photography
13:10-14:10	.	LUNCH
14:10-14:30	CDR , FE-2, FE-4, FE-5 , FE-6	Conference With Astronaut Office Management
14:10-15:35	FE-3	BIOEMULSION. Refuel Bioreactor, place in KT and turn on
14:30-14:35	FE-6	P/L Multi-Protocol Converter (MPC) Power On
14:30-15:10	FE-5	Filling EDV [KOB] for Elektron-VM
14:30-14:35	FE-2	Vessel Location Adjustment
14:35-15:10	CDR	BIOEMULSION. Assistance during filling ops and photography
14:35-15:00	FE-6	Troubleshooting Multi-Protocol Converter (MPC) Power Supply
14:45-14:50	FE-2	BLB Temperature Behaviour Testing
14:50-17:05	FE-2	Measure Oxygen Generation System (OGS) PH
14:55-15:10	FE-4	IMS Tagup (<i>S-band</i>)
15:10-15:20	FE-4	CWC Audit
15:10-15:50	FE-5	COЖ Maintenance
15:10-15:25	CDR	BIOEMULSION. Photography during experiment ops
15:25-16:55	FE-4	Physical Exercise (ARED)
15:25-16:05	CDR	Transfer BTX PL from CRYOGEM-03 to TBU (+4 deg C)
15:35-15:55	FE-3	BIOEMULSION. Glovebox-S Closeout Ops, Sterilization Activation
15:55-16:35	FE-3	IDENTIFICATION. Copy ИMY-Л micro-accelerometer data to laptop
15:55-16:55	FE-6	Physical Exercise (CEVIS)
16:05-18:30	CDR	BIODEGRADATION. Photography of Structure Surface Sampling
16:20-17:20	FE-5	Physical Exercise (VELO), Day 4
16:35-17:35	FE-3	Physical Exercise (TVIS), Day 4
16:55-17:05	FE-4	SDTO T2 Harness Setup
16:55-18:25	FE-6	Physical Exercise (ARED)
17:05-18:05	FE-4	Physical Exercise T 2
17:15-17:25	FE-2	CIR Alignment Guide Removal
17:20-18:50	FE-5	Physical Exercise (TVIS), Day 4
17:35-17:55	FE-3	IMS Update
17:35-17:45	FE-2	FIR Alignment Guide Installation
17:45-18:00	FE-2	ERNOBOX Power Supply Reconfiguration
17:55-18:35	FE-3	BIOEMULSION. Glovebox-S Closeout Ops Post Sterilization
18:00-18:05	FE-2	AED TEST
18:05-18:15	FE-2	Vessel ID Sys (VIS) RF Filter Setup Configuration
18:05-18:15	FE-4	SDTO T2 Inspection
18:15-18:30	FE-2	Sampling from WPA

18:15-18:25	FE-4	SDTO T2 Harness Data Downlink
18:25-18:45	FE-4	SDTO TVIS Harness Configuration
18:35-18:40	CDR	Elektron-VM Aerosol Filter Inspection
18:35-18:40	FE-6	P/L Multi-Protocol Converter (MPC) Power Off
18:40-18:50	FE-6	Integrated Immune: Hardware Setup for Crew Saliva Sampling
18:40-19:05	CDR , FE-2	Evening Work Prep
18:45-19:05	FE-4	Evening Work Prep
18:50-19:05	FE-6	Evening Work Prep
18:50-19:05	FE-5	Evening Work Prep
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-21:30	FE-3 , FE-4, FE-5 , FE-6	Pre-sleep
19:30-19:35	FE-2	MPC Power Up
19:30-21:20	CDR	Pre-sleep
19:35-21:25	FE-2	Pre-sleep
21:20-21:30	CDR	RUSALKA Battery Charge
21:25-21:30	FE-2	MPC Power Down
21:30-06:00		SLEEP
Task List	FE-5	URAGAN. Observations and Photography
		SM, DC1, MRM2 Window Inspection

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