

Radiogram No. 1529u

Form 24 for 10/28/09

ACH-M HPM Modules 1,2 Reconfiguration

GMT	CREW	ACTIVITY
06:00-06:05	CDR, FE-2, FE-4, FE-5	SLEEP Data Log Entry
06:00-06:05	FE-1	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-3	Morning Inspection
06:05-06:10	CDR, FE-1 , FE-2, FE-5	
06:05-06:25	FE-4	Post-sleep
06:10-06:40	CDR, FE-1 , FE-2, FE-3 , FE-5	
06:25-07:05	FE-4	BREAKFAST
06:40-07:30	CDR, FE-1 , FE-2, FE-3 , FE-5	
07:05-07:10	FE-4	HAM Radio Setup
07:10-07:20	FE-4	HAM Radio Session
07:20-07:30	FE-4	BREAKFAST
07:30-07:55		Daily Planning Conference (<i>S-band</i>)
07:55-08:15	CDR, FE-2, FE-5	Work Prep
08:00-11:00	FE-1, FE-3	ACH-M HPM Modules 1,2 Reconfiguration
08:00-09:30	FE-4	Physical Exercise (ARED)
08:15-08:25	CDR	FMK Deployment Ops
08:15-08:35	FE-2	VO2max Crew Portable Pulmonary Function System Setup
08:30-11:30	FE-5	SSC T61P Laptop Software Load
08:35-08:45	FE-2	VO2max Crew Portable Pulmonary Function System (PPFS) Power Up
08:45-09:00	FE-2	VO2max Equipment Setup
09:00-09:15	FE-2	Space Seed Air Sampling.2
09:05-09:10	CDR	EPM Laptop Setup and Activation
09:10-09:15	CDR	Insertion of the Flywheel PCMCIA card in EPM laptop
09:15-09:20	CDR	FWED Configuration File Transfer
09:30-11:00	CDR	Physical Exercise (ARED)
09:30-10:00	FE-4	IWIS Installation
09:30-09:55	FE-2	VO2max Equipment Setup
09:55-10:35	FE-2	VO2max Crew Experiment Protocol
10:00-12:00	FE-4	HTV Cargo Transfer Operations
10:35-10:40	FE-2	VO2max PPFS Data Downlink
10:40-11:05	FE-2	VO2max Crew Mixing Bag System Stow
11:00-12:00	FE-1	Physical Exercise (TVIS), day 2
11:00-12:00	FE-3	Physical Exercise (VELO), day 3
11:10-12:00	CDR	Subject Specific Configuration & 5 Exercise Modes

11:30-13:00	FE-5	Physical Exercise (ARED)
11:35-11:45	FE-2	VO2max PPFS Conclude
12:00-12:30	CDR	SAMS. Sensor Stow
12:00-12:30	FE-1	Hygiene Procedures
12:00-13:00	FE-3	RUSALKA. Hardware preparation and hand-held observation without the use of Three-Stage Rate Sensor [ТНУС]
12:00-13:00	FE-4	Physical Exercise (TVIS)
12:10-12:15	FE-2	Mice Drawer System Muffler Removal and Stowage
12:30-13:00	FE-1	Counter Measure System (CMS) Harmful Contaminant Measurements in SM
12:30-12:35	CDR	FWED. Data Downlink Preparation
12:35-13:00	CDR	Copying files for downlink, hardware powerdown and dismantling
12:40-12:50	FE-2	Battery Stowage Assembly (BSA) Battery Recharge Terminate
13:00-14:00	.	LUNCH
14:00-14:05	CDR	EPM MPPLL Power Cable Reconnect
14:00-14:20	FE-1	IMS Update
14:00-14:05	FE-2	VO2max PPFS Stowage
14:00-14:15	FE-3	RUSALKA. Terminate Data Copy and Downlink via OCA. <i>Tagup with specialists (S-band)</i>
14:00-14:15	FE-5	Private Medical Conference (S + Ku-band)
14:05-14:15	CDR	EHS Sampling Start
14:15-16:15	FE-4, FE-5	CDRA R&R
14:35-15:00	FE-1, FE-3	TV Greeting to the State University of Management on the 90th Anniversary (To=14:34 , T1 , T2 , T3 - activated from Daily Flight Program [СПП])
15:00-15:40	FE-1	COЖ Maintenance / r/g 1113, step 1
15:35-15:50	FE-2	Private Medical Conference (S + Ku-band)
16:05-16:45	FE-1, FE-3	Study of Cardiac Bioelectric Activity at Rest. To=16:21 . <i>Tagup with specialists (VHF, S-band)</i>
16:15-17:15	FE-4	HTV Cargo Transfer Operations
16:15-17:15	FE-5	Hardware Prepack for Return on ULF3
16:20-17:50	FE-2	Physical Exercise (ARED)
16:30-17:30	CDR	Physical Exercise (CEVIS)
16:45-17:45	FE-3	Physical Exercise (TVIS), day 3
17:10-17:25	FE-1	SM air sampling for CO using ИПД samplers
17:15-17:30	FE-4	HTV1 Transfers Conference (S-band)
17:25-17:50	FE-1	Collect SM and FGB Air Samples Using AK-1M Sampler
17:30-17:35	FE-4	BCAT5 Sample Check / Photography
17:30-17:50	FE-5	Pre-sleep
17:30-17:50	CDR	Grab Sample Container (GSC) Ops
17:35-18:10	FE-4	Evening Work Prep
17:45-18:15	FE-3	Hygiene Procedures
17:50-18:30	CDR	IMV Flow Measurement
17:50-18:50	FE-1	Physical Exercise (ARED)
17:50-18:50	FE-5	Physical Exercise (CEVIS)

17:55-18:00	FE-2	CGBA 5 Bioprocessor Status Check
18:00-18:15	FE-2	Evening Work Prep
18:15-18:35	FE-3	
18:15-18:50	FE-2	Pre-sleep
18:25-18:35	FE-4	Evening Work Prep
18:30-18:45	CDR	Pre-sleep
18:35-18:50	FE-3, FE-4	
18:45-18:50	CDR	Transfer TVIS, CEVIS, and HRM data to MEC
18:50-19:15		Daily Planning Conference (<i>S-band</i>)
19:15-19:20	CDR	EHS Sampling Termination
19:15-19:30	FE-1	Evening Work Prep
19:15-19:25	FE-2	PAO Hardware Setup
19:15-19:45	FE-3	INTERACTION Experiment Ops (FE- 3)
19:15-19:25	FE-4, FE-5	Pre-sleep
19:25-19:35	CDR, FE-2, FE-4, FE-5	Crew Prep for PAO
19:30-19:35	FE-1	Elektron-VM Aerosol Filter Inspection
19:35-19:55	CDR, FE-2, FE-4, FE-5	PAO Event (<i>S+Ku-band</i>)
19:35-21:30	FE-1	Pre-sleep
19:45-21:30	FE-3	
19:55-20:05	FE-2	PAO Hardware Deactivation
19:55-20:00	FE-5	MPC Power Up
19:55-21:30	CDR, FE-4	Pre-sleep
20:00-21:25	FE-5	Pre-sleep
20:05-21:30	FE-2	
21:25-21:30	FE-5	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