

Radiogram No. 1532u

Form 24 for 10/29/09

**KOE 2 Thermal Loop Monitoring. Impulse Hardware Test**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:05	CDR	SLEEP Data Log Entry
06:00-06:05	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
06:00-06:05	FE-2	SLEEP Data Log Entry
06:00-06:10	<b>FE-3</b>	Morning Inspection
06:00-06:05	FE-4, FE-5	SLEEP Data Log Entry
06:05-06:10	CDR, <b>FE-1</b> , FE-2, FE-4	Morning Inspection
06:05-07:05	FE-5	Physical Exercise (CEVIS)
06:10-06:40	CDR, <b>FE-1</b> , FE-2, <b>FE-3</b> , FE-4	Post-sleep
06:40-07:30	CDR, <b>FE-1</b> , FE-2, <b>FE-3</b> , FE-4	BREAKFAST
07:05-07:30	FE-5	Post-sleep
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-09:20	CDR	Physical Exercise (ARED)
07:55-08:15	<b>FE-1</b> , FE-2, <b>FE-3</b> , FE-4	Work Prep
07:55-08:45	FE-5	BREAKFAST
08:15-09:05	<b>FE-1</b>	PLANTS-2. Starting the experiment (first vegetation). <i>Tagup with specialists (S-band)</i>
08:15-09:15	FE-2	Physical Exercise (CEVIS)
08:25-08:40	<b>FE-3</b>	PLANTS-2 Photography as FE-1 starts the experiment. <i>Tagup with specialists (S-band)</i>
08:30-08:55	FE-4	Environmental Health System (EHS) CSA-CP Calibration
08:40-11:10	<b>FE-3</b>	BAR. Experiment. <i>Tagup with specialists (S-band)</i>
08:45-09:50	FE-5	Airlock Cooling Loop Scrub Initiate
08:55-09:40	FE-4	Scheduled Maintenance of Compound Specific Analyzer- Combustion Products (CSA-CP)
09:05-10:05	<b>FE-1</b>	Physical Exercise (TVIS), day 3
09:20-09:40	CDR	Work Prep
09:20-10:45	FE-2	Physical Exercise (ARED)
09:40-09:45	FE-4	Connecting DCP Power Cable
09:45-10:30	CDR	HTV Hardware Command Panel (HCP) Setup
09:45-10:45	FE-4	Physical Exercise (CEVIS)
10:05-12:05	<b>FE-1</b>	KOE2 Loop Monitoring. <i>Tagup with specialists (S-band)</i>
10:05-10:30	FE-5	IWIS RSU installation
10:30-10:50	CDR	HTV Hardware Command Panel(HCP) Selfcheck
10:30-10:40	FE-5	IWIS Sensor Relocation
10:40-11:00	FE-5	IWIS Installation
10:45-12:15	FE-4	Physical Exercise (ARED)

10:50-11:10	CDR	TEPC Removal
11:00-11:30	FE-2	Crew Medical Officer (CMO) Proficiency Training
11:00-11:45	FE-5	EMU Cooling Loop Config
11:10-12:10	<b>FE-3</b>	Physical Exercise (VELO), day 4
11:20-12:20	CDR	Physical Exercise (CEVIS)
11:40-11:55	FE-2	IMS and Stowage Conference ( <i>S-band</i> )
12:15-13:15	<b>FE-1, FE-2, FE-3, FE-4, FE-5</b>	LUNCH
12:20-13:20	CDR	LUNCH
13:15-13:30	FE-2	Food Frequency Questionnaire
13:15-13:45	<b>FE-3</b>	Crew Medical Officer (CMO) Proficiency Training
13:15-13:45	FE-5, FE-4	SSRMS HTV Grapple
13:15-15:15	<b>FE-1</b>	KOB2 Loop Monitoring. <i>Tagup with specialists (S-band)</i>
13:20-13:35	CDR	Columbus PCS Relocation
13:30-13:40	FE-2	CWC Audit
13:35-13:50	CDR	A31p/V10 Monitor HTV Reconfiguration
13:40-13:45	FE-2	MDS Cartridge Replacement
13:45-16:15	FE-2, FE-4	Node 2 Nadir CBM Controller Panel Assembly (CPA) Installation
13:45-14:40	FE-5	A/L Cooling Loop Scrubbing to Eliminate Biomass and Particulate Matter
13:50-14:30	<b>FE-3</b>	COЖ Maintenance
14:15-15:15	CDR	HTVPLC GLA Removal
14:30-14:50	<b>FE-3</b>	IMS Update
14:40-16:10	FE-5	Physical Exercise (ARED)
15:15-16:15	CDR	HTVPLC GLA Removal
15:20-16:20	<b>FE-3</b>	<b>On MCC Go IMPULSE.</b> Onboard cables and ИПИ-100 Continuity Test. <i>Tagup with specialists (S-band) / r/g 1555</i>
15:30-16:00	<b>FE-1</b>	CMO Proficiency Training
16:00-17:00	<b>FE-1</b>	Physical Exercise (VELO), day 3
16:10-16:15	FE-5	EWIS Activation
16:15-16:30	FE-4	Private Medical Conference ( <i>Ku+S-band</i> )
16:15-16:30	CDR	HTV Fire Extinguisher Removal
16:15-16:35	FE-2	MDS Cartridge Replacement
16:15-16:30	FE-5	RFTA Access
16:30-17:00	CDR	HTV Smoke Detector Removal
16:30-16:40	FE-4	PAO Hardware Setup
16:30-17:55	FE-5	Water Recovery System Recycle Filter Tank Assembly (RFTA) R&R
16:40-16:50	FE-4	Crew Prep for PAO
16:50-17:10	FE-4	PAO Event ( <i>Ku+S-band</i> )
17:00-17:10	<b>FE-3</b>	<b>On MCC Go IMPULSE.</b> Mating Cable Cnctr 17KC.10Ю 8210A-4840 #160Ю-X6A
17:00-17:10	CDR, FE-2	Closing HTV Hatch, Closing Node2 IMV
17:00-17:30	<b>FE-1</b>	Hygiene Procedures

17:10-17:20	<b>FE-3</b>	IMPULSE. Close-out Ops
17:10-18:10	CDR, FE-2	Node 2 Nadir to HTV Vestibule Demate, Part 1
17:10-17:20	FE-4	PAO Hardware Deactivation
17:20-18:20	<b>FE-3</b>	Physical Fitness Evaluation (on treadmill)
17:20-17:25	FE-4	BCAT5 Sample Check and Photography
17:25-17:55	FE-4	CMO Proficiency Training
17:45-17:55	<b>FE-1</b>	Monitoring Secondary Combustion Unit Temperature After Elektron Activation
17:55-18:10	FE-4	Food Frequency Questionnaire
17:55-18:15	FE-5	RFTA Cleanup Ops
18:10-18:15	FE-4	Transfer TVIS, CEVIS, and HRM data to MEC
18:15-18:40	CDR	Monitor Setup for HTV Operations
18:15-18:45	<b>FE-1, FE-2, FE-4</b>	Evening Work Prep
18:15-18:25	FE-5	Nutrition and Repository Equipment Configuration for Blood Draw
18:20-18:45	<b>FE-3</b>	Hygiene Procedures
18:25-18:45	FE-5	Evening Work Prep
18:40-18:45	CDR	Camcorder Set up
18:45-19:10		Daily Planning Conference ( <i>S-band</i> )
19:10-19:30		Evening Work Prep
19:30-21:30	CDR, <b>FE-3, FE-4</b>	Pre-sleep
19:30-19:35	FE-5	MPC Power Up
19:30-19:40	<b>FE-1</b>	RUSALKA. Battery Charging (start)
19:30-20:00	FE-2	Pre-sleep
19:35-21:25	FE-5	Pre-sleep
19:40-19:45	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
19:45-21:30	<b>FE-1</b>	Pre-sleep
20:00-20:15	FE-2	Private Family Conference ( <i>Ku+S-band</i> )
20:15-21:30	FE-2	Pre-sleep
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