

Radiogram No. 2872u

Form 24 for 04/20/10

**TVIS Repair and Recovery**

GMT	CREW	ACTIVITY
06:00-06:05	CDR	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-1, FE-3	Morning Inspection
06:00-06:05	FE-2	PROK- PH Urine Test
06:00-06:20	FE-5	Post-sleep
06:00-06:20	FE-6	Audio Dosimeter Preparation
06:05-06:20	FE-2	Urine Sample Collection
06:05-06:10	CDR	Morning Inspection
06:10-06:40	CDR, FE-1, FE-3	Post-sleep
06:20-06:25	FE-2	HRF Urine Collection Hardware Setup
06:20-06:25	FE-5	Morning Inspection
06:20-06:35	FE-6	Post-sleep
06:25-06:35	FE-2	HRF Refrigerated Centrifuge Setup
06:25-06:40	FE-5	Post-sleep
06:35-06:55	FE-2	HRF Blood Sample Draw Subject
06:35-06:50	FE-6	HRF Blood Draw Operator
06:40-07:30	CDR, FE-1, FE-3, FE-5	BREAKFAST
06:50-07:30	FE-6	BREAKFAST
06:55-07:05	FE-2	BREAKFAST
07:05-07:15	FE-2	HRF Refrigerated Centrifuge Configuration
07:15-07:30	FE-2	BREAKFAST
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-08:10	CDR	TVIS Exercise Video Equipment Setup
07:55-08:05	FE-1, FE-3	Work Prep
07:55-08:00	FE-2	HRF Refrigerated Centrifuge Configuration
07:55-08:25	FE-5	On-orbit Hearing Assessment using EARQ
07:55-09:25	FE-6 (subject)	Periodic Fitness Evaluation Nom Ops
08:00-08:10	FE-2	HRF Blood Collection Hardware Setup
08:05-11:30	FE-1, FE-3	TVIS R&R
08:10-08:15	CDR	P/TV camera config for TVIS R&R activities
08:10-08:15	FE-2	PRO K Photography
08:15-09:15	CDR	RUSALKA. Hardware preparation and hand-held observation without the use of Three-Stage Rate Sensor [TIYC]
08:15-08:30	FE-2	HRF Blood Collection Hardware Stowage
08:30-08:55	FE-2	Post-sleep
08:30-09:00	FE-5 (assistance)	Periodic Fitness Evaluation Nom Ops
08:55-09:20	FE-2	Environmental Health System (EHS) CSA-CP Calibration
09:00-09:15	FE-5	Myo Lab Fixation Setup
09:15-09:45	CDR	Pressurization of spare Elektron Liquid Unit #056
09:15-09:30	FE-5	Myo Lab Micro-G Canisters 1 and 3 Detachment
09:20-09:30	FE-2	EHS GC/DMS Ops Start

09:25-09:40	FE-6	BLB Glove Replacement
09:30-09:45	FE-5	Myo Lab 1G Canisters 2 and 4 Detachment
09:40-09:45	FE-6	Microscope Stage Clip Attachment Preparation
09:45-10:05	<b>CDR</b>	RUSALKA Terminate Data Copy and Downlink via OCA. Hardware Removal
09:45-11:25	FE-5	Myo Lab Fixation
09:45-09:50	FE-6	Clean Bench (CB) Microscope Initialize
09:55-10:00	FE-6	Microscope Stage Clip Attachment
10:05-11:35	<b>CDR</b>	Physical Exercise T 2
10:05-11:05	FE-2	VO2 Software Installation
10:25-12:40	FE-6	Myo Microscope Observation
11:05-11:15	FE-2	CIR Alignment Guide Installation
11:15-11:20	FE-2	VO2 Power Up
11:30-13:00	<b>FE-1</b>	Physical Exercise T 2
11:30-11:40	FE-2	Start EMU Metox Regeneration
11:30-11:50	<b>FE-3</b>	On-orbit Hearing Assessment using EARQ
11:30-13:00	FE-5	Physical Exercise (ARED)
11:35-12:15	<b>CDR</b>	Auxiliary Laptop Anti-Virus Update / r/g
11:40-11:55	FE-2	FMK Deployment Ops
11:50-12:10	FE-2	On-orbit Hearing Assessment using EARQ
12:00-13:00	<b>FE-3</b>	Physical Exercise (VELO), Day 3
12:10-12:15	FE-2	PPFS Power Down
12:15-12:35	FE-2	Urine Sample Collection
12:30-12:50	<b>CDR</b>	IMS Update
12:35-12:40	FE-2	HRF Urine Collection Hardware Setup
12:40-13:00	FE-2	HRF Urine Collection Hardware Stowage
13:00-14:00		LUNCH
14:00-14:25	<b>CDR</b>	Collect SM and FGB Air Samples Using AK-1M Sampler
14:00-16:55	<b>FE-1, FE-3</b>	TVIS R&R
14:00-14:25	FE-2	Grab Sample Container (GSC) Sampling Operations
14:00-15:40	FE-5	Myo Lab Fixation
14:00-15:00	FE-6	Reconfigure SSPCM software to shutdown the secondary power channel on the T2 SSPCM
14:25-14:35	<b>CDR</b>	SM Air Sampling For Freon Using AK-1M Sampler
14:30-14:35	FE-2	Terminate EHS GC/DMS Ops
14:35-14:50	<b>CDR</b>	SM air sampling for CO using ИПД samplers
14:40-14:55	FE-2	Private Medical Conference
14:50-15:20	<b>CDR</b>	Equipment prep to replace Vozdukh CO2 Differential Gas Analyzer
15:00-15:15	FE-2	ARED Guide Rail Inspection
15:15-15:30	FE-2	ARED Flywheel Cylinder Evacuation
15:20-16:05	<b>CDR</b>	Orlan-MK Suit #5 Display Overlay
15:30-17:00	FE-2	Physical Exercise (ARED)
15:40-15:50	FE-5	MYOLAB MELFI Insertion
15:50-16:00	FE-5	SDTO T2 Harness Setup
15:50-16:50	FE-6	Physical Exercise (CEVIS)
16:00-17:00	FE-5	Physical Exercise T 2
16:35-17:15	<b>CDR</b>	COЖ Maintenance

16:50-17:00	FE-6	MELFI Stage 19A Ice Brick Insert
16:55-17:15	<b>FE-1</b>	On-orbit Hearing Assessment using EARQ
16:55-17:00	<b>FE-3</b>	Stow video equipment used to record TVIS exercise
17:00-18:00	FE-2	Physical Exercise (CEVIS)
17:00-18:30	<b>FE-3</b>	Physical Exercise T 2
17:00-17:10	FE-5	SDTO T2 Harness Data Downlink
17:00-18:30	FE-6	Physical Exercise (ARED)
17:10-17:20	FE-5	SDTO T2 Inspection
17:15-17:35	<b>CDR</b>	On-orbit Hearing Assessment using EARQ
17:15-18:15	<b>FE-1</b>	Physical Exercise (VELO), Day 2
17:20-17:40	FE-5	SDTO TVIS Harness Configuration
17:35-17:50	<b>CDR</b>	Private Medical Conference ( <i>S-band</i> )
17:50-18:00	<b>CDR</b>	Evening Work Prep
18:00-18:05	<b>CDR</b>	Elektron-VM Aerosol Filter Inspection
18:05-19:05	<b>CDR</b>	Physical Exercise (VELO), Day 1
18:15-19:05	FE-2, FE-5	Evening Work Prep
18:15-18:50	<b>FE-1</b>	Evening Work Prep
18:30-19:05	<b>FE-3</b>	Evening Work Prep
18:30-18:55	FE-6	On-orbit Hearing Assessment using EARQ
18:50-19:05	<b>FE-1</b>	Private Medical Conference ( <i>Ku+S-band</i> )
18:55-19:05	FE-6	Evening Work Prep
19:05-19:30		Daily Planning Conference ( <i>S-band</i> )
19:30-21:20	<b>CDR</b>	Pre-sleep
19:30-21:30	<b>FE-1, FE-2</b>	Pre-sleep
19:30-19:45	<b>FE-3</b>	Private Medical Conference ( <i>Ku+S-band</i> )
19:30-21:30	FE-5	Pre-sleep
19:30-19:35	FE-6	MPC Power Up
19:35-21:25	FE-6	Pre-sleep
19:45-21:30	<b>FE-3</b>	Pre-sleep
21:20-21:30	<b>CDR</b>	SONOCARD Experiment Start
21:25-21:30	FE-6	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 ops: dinner, daily food prep, evening toilet
- End of Radiogram