

Radiogram No. 3652u

Form 24 for 07/20/2010

EVA SUIT PREPARATION. ATTITUDE CONTROL THRUSTER [DO] INHIBIT

GMT	CREW	ACTIVITY
06:00-06:05	CDR	Morning Inspection
06:00-06:10	FE-2, FE-3 , FE-4, FE-5 , FE-6	Morning Inspection
06:05-06:10	CDR	Elektron-VM Aerosol Filter Inspection
06:10-06:40		Post-sleep
06:40-07:30	CDR , FE-2, FE-4, FE-5 , FE-6	BREAKFAST
06:40-07:20	FE-3	BREAKFAST
07:20-07:30	FE-3	BAR. Terminate Pyren Charge
07:30-07:55		Daily Planning Conference (<i>S-band</i>)
07:55-08:10	CDR	On MCC GO БМП Ф1 Absorption Cartridge Regeneration (start)
07:55-08:25	FE-2, FE-3	Work Prep
07:55-08:15	FE-4	Facet Cell Removal
07:55-08:15	FE-5	Work Prep
07:55-08:00	FE-6	Work Prep
08:00-08:15	FE-6	MSG/SAME Daily Startup Steps 1 and 2
08:10-08:25	CDR	Work Prep
08:15-08:25	FE-5	Set up 825M3 battery pack 1 for charging and start charging
08:15-09:00	FE-4	SCOF Cover Installation
08:25-09:55	FE-2	Oxygen Generation System (OGS) Flush Part 1
08:25-09:25	CDR	RUSALKA Setup, photo/video, and cleanup
08:35-09:35	FE-3, FE-5	Activation and Inspection of Spacesuits 4, 5, 6 <i>DC1 Comm Procedure</i>
08:35-08:50	FE-6	ARED Flywheel Cylinder Evacuation
08:50-10:20	FE-6	Physical Exercise (ARED)
09:10-09:40	FE-4	SCOF Cover Installation
09:35-09:55	FE-3	ПхО БСС Checkout
09:35-09:55	FE-5	DC1 БСС (Orlan Interface Unit) Checkout
10:05-11:35	FE-4	Physical Exercise (ARED)
10:10-10:40	CDR	CMO Proficiency Training
10:10-11:00	FE-3, FE-5 (assists)	A study of cardiovascular system response to graded cycle ergometer exercise (To=10:26) . Tagup with specialists (VHF)
10:20-11:20	FE-6	Physical Exercise (CEVIS)
10:40-10:55	CDR	RUSALKA Terminate Data Copy and Downlink via OCA
11:00-11:40	CDR	Filling EDV (KOB) for Elektron
11:00-11:20	FE-5	Setting БРТА-2 Frequency to CK1 for Spacesuit 4
11:15-13:00	FE-2	Oxygen Generation System (OGS) Flush Part 2
11:20-11:50	FE-6	IFM: LHA: NOD3OF2-STBD R&R
11:35-12:10	FE-4	Facet Cell Installation

11:40-12:20	CDR	COX Maintenance
11:40-12:30	FE-5, FE-3 (assists)	A study of cardiovascular system response to graded cycle ergometer exercise (To=12:00). Tagup with specialists (VHF)
12:00-13:00	FE-6	USOS EVA: Tether Inspection
12:20-12:40	CDR	IMS Update
12:40-13:00	CDR	Cleaning EBH (Heater Fan) Screen in Soyuz 228
12:40-13:00	FE-3, FE-5	EVA Equipment Setup
13:00-14:00		LUNCH
14:00-14:15	CDR	Pressurization of spare Elektron Liquid Unit #056
14:00-15:30	FE-2	Oxygen Generation System (OGS) Flush Part 3
14:00-15:00	FE-3, FE-5	Spacesuits 4, 5 / DC1 BCC Cooling Loop Separation
14:00-14:55	FE-4	Kids in Micro-G Experiment Prep
14:00-14:50	FE-6	Lab Plug in Plan Audit
14:15-14:30	CDR	Verify ИП-1 Flow Meter Configuration
14:55-15:00	FE-4	Kids in Micro-G Video Setup
15:00-16:30	CDR	Physical Exercise (TVIS), Day 1
15:00-16:00	FE-3	Physical Exercise (ARED)
15:00-15:30	FE-4	Kids in Micro-G Experiment Ops
15:00-15:30	FE-5	Spacesuits 4, 6 / ПхО БСС Cooling Loop Separation
15:00-15:20	FE-6	Kids in Micro-G Experiment Assistance
15:15-16:15	FE-6	Inspection of Portable Breathing Apparatus (PBA) and Portable Fire Extinguisher (PFE)
15:20-15:50	FE-6	In-flight Maintenance (IFM). LHA: NOD3OA2-STBD R&R
15:30-16:30	FE-2	Physical Exercise (CEVIS)
15:30-16:00	FE-5	Spacesuit 5 Storage Mode Setup <i>Restore Nominal Comm Configuration</i>
15:50-16:50	FE-4	Physical Exercise T 2
15:50-15:55	FE-6	KIDS-MPC Activation
15:55-16:55	FE-6	Unpack US Cargo Delivered on Progress 38P
16:00-17:30	FE-3	Physical Exercise (TVIS), Day 2
16:00-16:15	FE-5	Private Medical Conference (<i>Ku+S-band</i>)
16:15-17:15	FE-5	Physical Exercise (VELO), Day 2
16:30-16:45	CDR	Private Medical Conference (<i>Ku+S-band</i>)
16:30-18:00	FE-2	Physical Exercise (ARED)
16:50-17:00	FE-4	T2 Snubber Arm Inspection
16:55-17:00	CDR	Elektron-VM Aerosol Filter Inspection
17:00-18:00	FE-4	SAFER CBT
17:15-18:15	CDR	Physical Exercise (VELO), Day 1
17:15-18:45	FE-5	Physical Exercise (TVIS), Day 2
17:15-18:15	FE-6	Final printout of EVA procedures
17:30-17:45	FE-3	Private Medical Conference (<i>Ku+S-band</i>)
17:45-19:00	FE-3	Relocation of Russian Cargo from FGB ГА to MRM1 with IMS support
18:00-19:00	FE-2	SAFER CBT

18:15-18:45	FE-4	AED TEST
18:15-18:20	FE-6	KIDS-MPC Deactivation
18:20-18:25	FE-6	Activation of Space Acceleration Measurement System (SAMS) Interim ICU
18:35-18:45	CDR	TVIS Weekly Maintenance
18:45-19:05	CDR, FE-4, FE-5	Evening Work Prep
18:50-18:55	FE-6	MSG/Smoke Aerosol Measurement Experiment Daily Shutdown
18:55-19:05	FE-6	Evening Work Prep
19:00-19:05	FE-2, FE-3	Evening Work Prep
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-21:15	CDR	Pre-sleep
19:30-21:30	FE-3, FE-4, FE-5, FE-6	Pre-sleep
19:30-19:35	FE-2	MPC Power Up
19:35-21:25	FE-2	Pre-sleep
21:15-21:30	CDR	БМП Φ1 Absorption Cartridge Regeneration (termination)
21:25-21:30	FE-2	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
4. **No T2 Exercise 08:25-15:30**

End of Radiogram