

Radiogram No. 1712u

Form 24 for 11/20/09

Joint Flight with Orbiter Day Two

GMT	CREW	ACTIVITY
09:00-09:15	CDR	Nutrition: Blood Draw for Analysis
09:00-09:05	FE-1	Elektron-VM Aerosol Filter Inspection
09:00-09:30	FE-2, FE-5	Post-sleep
09:00-09:10	FE-3	Morning Inspection
09:00-09:15	FE-4	Nutrition: Blood Draw operator
09:05-09:15	FE-1	SONOCARD Experiment Termination
09:10-09:40	FE-3	Post-sleep
09:15-09:45	FE-1	Post-sleep
09:15-09:40	FE-4	Post-sleep
09:15-09:25	CDR	Nutrition Refrigerated Centrifuge Setup
09:25-09:35	CDR	Nutrition: Refrigerated Centrifuge Config
09:30-10:20	FE-2, FE-5	BREAKFAST
09:35-10:05	CDR	BREAKFAST
09:40-10:30	FE-3	BREAKFAST
09:40-10:25	FE-4	BREAKFAST
09:45-10:30	FE-1	BREAKFAST
10:05-10:25	CDR	Nutrition Blood Sample Insertion into MELFI
10:20-10:25	FE-2	Integrated Immune Liquid Saliva Sample Collection
10:20-10:25	FE-5	SLEEP Data Log Entry
10:25-10:30	FE-5	REACTION Self Test
10:25-10:30	CDR	SLEEP Data Log Entry
10:25-10:30	FE-2	SLEEP Data Log Entry
10:25-10:30	FE-4	SLEEP Data Log Entry
10:30-10:45		Daily Planning Conference (<i>S-band</i>)
10:45-11:00	FE-1	SONOCARD Copy Data to RSE-MED Laptop
10:45-11:45	FE-5	Physical Exercise (CEVIS)
10:45-10:50	FE-4	Work Prep
10:45-11:15	CDR,FE-2	Work Prep
10:45-10:50	FE-3	Restoring RS1 LAPTOP Nominal Load (start). Start
10:50-10:55	FE-4	D2XS Battery Recharge
10:50-11:00	FE-3	Work Prep
10:55-11:00	FE-4	PAO Hardware Setup
11:00-11:15	FE-1, FE-3	ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference (<i>S-band</i>)
11:00-11:30	FE-4	Work Prep
11:15-12:10	FE-1	Roskosmos Symbolic Activity
11:15-12:15	FE-3	Roskosmos Symbolic Activity
11:15-12:15	CDR	Physical Exercise T 2
11:25-12:25	FE-2	Physical Exercise (ARED)
11:45-11:50	FE-5	SPINAL Standing Height

11:50-12:20	FE-5	Work Prep
12:05-13:00	FE-4	Physical Exercise (TVIS)
12:10-12:35	FE-1	Soyuz 226 Comm Check via Kvant-B
12:15-12:20	FE-3	Restoring RS1 LAPTOP Nominal Load. End
12:20-12:50	FE-3	Roskosmos Symbolic Activity
12:20-12:30	FE-5	ARED Equipment Stowage
12:25-12:30	FE-2	ARED Equipment Stowage
12:30-13:40	CDR	IMV Air Duct Installation in Node 1 Port Midbay
12:30-13:45	FE-5	IMV Air Duct Installation in Node 1 Port Midbay
12:35-13:10	FE-1	Roskosmos Symbolic Activity
12:50-13:20	FE-2	JEMRMS Maneuver to Stowed Position
12:50-13:20	FE-3	Crew Departure Prep
12:55-13:00	FE-4	Deactivation of PAO Hardware
13:05-14:05	FE-4	ABRS Relocation
13:25-14:20	FE-3, FE-1 (Assistance)	LBNP Exercise (PRELIMINARY). To=13:44. <i>Tagup w/ specialists (VHF)</i>
13:30-14:20	FE-2	SPINAL. Hardware Setup
13:40-14:00	CDR	Nutrition and Repository Equipment Setup for Urine Sample Collection
14:00-14:20	CDR	ESA Crew Weekly Conference
14:05-14:10	FE-4	ABRS Initial Activation
14:10-14:15	FE-4	D2XS Battery Recharge
14:20-14:35	FE-1	Verify ИП-1 Flow Meter Configuration
14:20-14:50	FE-3	Hygiene Procedures
14:20-14:35	CDR	LES-2 Capillarity Experiments Setup
14:35-14:50	CDR	LES2. Demonstration of Capillary Effect
14:45-15:45	FE-4	LUNCH
14:50-15:50	CDR, FE-1, FE-2, FE-3, FE-5	LUNCH
15:50-17:40	CDR, FE-5	Cable Installation in Node 1 Port Midbay
15:50-18:20	FE-1	Installation of Cables 17KC42108242A-9050, 9060, 9070. <i>Tagup with specialists (as necessary)</i>
16:05-17:35	FE-2	Equipment Transfer
16:15-17:45	FE-3	Installation of Cables 17KC42108242A-9050, 9060, 9070. <i>Tagup with specialists (as necessary)</i>
16:45-17:45	FE-4	ICV Load
17:40-18:10	FE-5	Closeout Ops in Node 1 Port Midbay
17:45-17:55	FE-4	MDS Visual Inspection
17:55-18:05	FE-4	Mouse Drawer System Water Discharge
18:00-18:30	FE-3	EDV-ZV Refill
18:00-18:30	FE-4	Post-EVA D2XS Camera Reconfig
18:05-18:20	FE-2	Spinal Elongation Data Collection, Operator
18:10-19:40	CDR, FE-5	Cable Installation in NADIR Midbay

18:15-18:25	FE-1	On MCC GO Mate Telemetry Connectors of cables 17KC42IO8242A-9050, 9060, 9070 to БИТС2-12
18:15-19:15	FE-2	Physical Exercise T2
18:30-18:40	FE-1	Installation of 17KC42IO8242A-9050, 9060, 9070 Cables (closeout ops). <i>Tagup with specialists (as necessary)</i>
18:40-18:50	FE-3	On MCC Go: Monitoring Temperature of Secondary Purification Unit after Elektron Activation
18:45-19:00	FE-4	End of Integrated Cardiovascular Ambulatory Monitoring Data Download
18:50-19:30	FE-3	COЖ Maintenance
19:10-20:10	FE-1	Physical Exercise (TVIS), day 1
19:25-19:55	FE-2	Work Prep
19:30-20:10	FE-3	Installation of Fan and Air Heater Fan [БВН] Adapter (a set for MRM2), Search for Equipment
19:40-20:10	CDR	Cable Installation in NADIR Midbay Closeout Ops
19:40-19:45	FE-4	HAM Radio Setup
19:40-19:55	FE-5	Work Prep
19:45-19:55	FE-4	HAM Radio Session
19:55-20:25	FE-2	Spinal Elongation Data Collection, Operator
19:55-20:10	FE-5	Spinal Elongation Data Collection
20:05-21:05	FE-3	Physical Exercise (TVIS), day 2
20:05-20:10	FE-4	PAO Hardware Setup
20:10-20:20	CDR	Lower ARED Platform to its Nominal Configuration
20:10-21:10	FE-1	Physical Exercise (VELO), day 1
20:10-20:15	FE-4	Docked Video Configuration
20:10-21:35	FE-5	Physical Exercise T 2
20:15-21:15	FE-4	Physical Exercise (ARED)
20:20-21:20	CDR	Physical Exercise (CEVIS)
20:25-21:10	FE-2	EVA Procedure Review
21:10-21:40	FE-1	Hygiene Procedures
21:10-21:40	FE-2	Spinal Elongation Data Collection, Operator
21:10-21:45	FE-3	Work Prep
21:20-21:45	CDR	Work Prep
21:30-21:40	FE-4	Work Prep
21:35-21:45	FE-5	Work Prep
21:40-22:00	CDR	Pre-sleep
21:40-21:45	FE-1	Elektron-VM Aerosol Filter Inspection
21:40-22:15	FE-2	Stowage of Spinal Elongation Experiment Equipment
21:40-21:45	FE-4	Transfer TVIS, CEVIS, and HRM data to MEC
21:45-22:05	FE-1, FE-3	Pre-sleep
21:45-22:00	FE-4, FE-5	Pre-sleep
22:00-22:05	FE-5	REACTION Self Test
22:00-22:05	FE-4	PAO Hardware Deactivation
22:05-22:20	CDR, FE-1 ,	Daily Planning Conference (<i>S-band</i>)

	FE-3, FE-4, FE-5	
22:15-22:20	FE-2	Pre-sleep
22:20-22:40		Flight Director / ISS Crew Tagup (<i>S-band</i>)
22:40-00:00	CDR, FE-1, FE-3, FE-4, FE-5	Pre-sleep
22:40-22:55	FE-2	
22:55-23:10	FE-2	Prebreathe
23:10-00:00	FE-2	Pre-sleep
00:00-08:30	.	SLEEP
Task List	FE-1	PLANTS-2. Payload Status Check
		IMS Update
	FE-3	Preparation of HD with Photos for Return

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