

Radiogram No. 1719u

Form 24 for 11/21/09

Joint Flight with Orbiter Day Three

GMT	CREW	ACTIVITY
08:25-08:45	CDR	Nutrition: Urine Collection
08:30-08:40	FE-3, FE-5	Morning Inspection
08:30-08:55	FE-2	Post-sleep
08:30-08:35	FE-1	Elektron-VM Aerosol Filter Inspection
08:30-08:35	FE-4	Morning Inspection
08:35-09:05	FE-4	Post-sleep
08:35-08:40	FE-1	Morning Inspection
08:40-09:10	FE-1, FE-3, FE-5	Post-sleep
08:50-09:00	CDR	Nutrition: Insert Urine Sample into MELFI
08:55-09:40	FE-2	BREAKFAST
09:00-09:20	CDR	Post-sleep
09:05-09:55	FE-4	BREAKFAST
09:10-10:00	FE-1, FE-3, FE-5	BREAKFAST
09:20-10:00	CDR	BREAKFAST
09:40-09:45	FE-2	SLEEP Data Log Entry
09:45-10:15	FE-2	EVA Hygiene Break / Prebreathe / Hatch Closure
09:55-10:00	FE-4	EVA Camera Test
10:00-10:05	FE-5	SLEEP Data Log Entry
10:00-10:05	FE-4	SLEEP Data Log Entry
10:00-10:05	CDR	SLEEP Data Log Entry
10:00-10:30	FE-1, FE-3	Work Prep
10:05-10:30	CDR, FE-4, FE-5	Work Prep
10:15-11:45	FE-2	USOS EVA Preparation
10:30-10:45	CDR, FE-1, FE-3, FE-4, FE-5	Daily Planning Conference (<i>S-band</i>)
10:45-11:00	FE-4	APEX PL Review
10:45-11:45	FE-3	Installation of Fan and Air Heater Fan [БВН] Adapter (a set for MRM2) / r/g 1739
10:45-10:55	CDR	Stow Video Equipment Used for ARED Exercise Video
10:45-10:50	FE-5	HAM Radio Deactivation
10:50-10:55	FE-5	Stow Video Equipment Used for ARED Exercise Video
10:55-11:55	CDR, FE-5	NOD1 IMV Installation
10:55-11:15	FE-1	MATRYOSHKA-R. Monitoring Lulin-5 readings
11:00-11:15	FE-4	APEX Payload Historical Video Setup
11:15-12:45	FE-1	Cleaning ГЖТ4 (Gas-Liquid Heat Exchanger) BT-7 Fan Screen
11:15-11:30	FE-4	APXC Maintenance Work Area Setup
11:30-11:40	FE-4	APEX Payload Historical Photo Operations
11:40-11:50	FE-4	APXC. Container Retrieval from MELFI

11:45-13:15	FE-3	Removal of Protective Cover from Temperature Sensor ДТГ, Installed on БП (3 ea)
11:45-12:00	FE-2	EMU Purge
11:50-12:30	FE-4	APEX Harvest 1A
11:55-12:10	CDR,FE-5	SSRMS Grapple ELC 2
12:00-12:50	FE-2	EMU Pre-breathe before EVA
12:10-12:30	CDR	Nutrition: Urine Collection
12:20-12:40	FE-5	SSRMS OCAS Maneuver
12:30-12:40	FE-4	Stem Looping
12:30-12:35	CDR	Nutrition: Insert Urine Sample into MELFI
12:35-12:50	CDR	Food Frequency Questionnaire
12:40-12:50	FE-4	APEX Plant Stem Looping 1
12:40-13:20	FE-1	PLANTS-2. Partial Harvest
12:50-13:25	FE-4	APEX Plant Stem Looping 1
12:50-13:20	FE-2	Crew Lock Depress
13:00-14:10	FE-5	SSRMS Maneuver to ELC 2Capture
13:15-13:25	FE-3	PLANTS-2. Plant Harvest Photography
13:20-13:25	FE-2	Terminate Crew Lock Depress
13:25-13:35	FE-1	PLANTS-2. Inserting Cut Plant Samples Into MELFI
13:25-14:10	FE-2	Equipment Transfer
13:25-13:45	CDR	Nutrition: Urine Collection
13:25-13:50	FE-4	Advanced Biological Research System (ABRS) Water Refill/Video
13:35-14:15	FE-1	IZGIB -DAKON. Data Downlink
13:45-13:50	CDR	Nutrition: Insert Urine Sample into MELFI
13:50-14:20	CDR, FE-3 , FE-4	Sokol Suit Leak Check in Soyuz 225
14:10-14:55	FE-2	ELC1 Installation2
14:10-15:10	FE-5	NOD1 IMV Installation
14:15-14:55	FE-1	COЖ Maintenance
14:20-14:35	CDR, FE-3	Drying Sokol Spacesuits: Set up Suit 1 and 2 for Drying
14:35-15:10	CDR	NOD1 IMV Installation
14:35-14:55	FE-3	Photography of Soyuz TMA-15 ТПК2 Docking Mechanism Probe Scuff Marks
14:55-15:10	FE-3	Cone Cover Photo Downlink via OCA
14:55-15:10	FE-1	Verify ИП-1 Flow Meter Configuration
15:00-15:10	FE-4	EHS GC/DMS Ops Start
15:10-16:10		LUNCH
16:10-17:20	CDR, FE-5	NOD1 IMV Installation
16:10-17:00	FE-1	FGB Dust Collectors ПС1, ПС2 Filter Replacement (ФГБ1ПГО_2_219_1, bag 354-6 (00038530R) or bag 1-2) Update the IMS
16:10-17:00	FE-3	EDV fill from SM Rodnik ББ1
17:00-17:30	FE-1	Clean FGB ЦБ1 Fan Guard Screen
17:05-17:15	FE-3	Terminate Drying Suits 1, 2
17:15-17:30	FE-3	Start Drying Spacesuit 3 and Set Up the 1st Pair of Gloves for Drying

17:20-17:35	CDR	DOS. Sensor Removal
17:20-17:25	FE-2	Lower ARED Platform to its Nominal Configuration
17:20-17:30	FE-5	Lower ARED Platform to its Nominal Configuration
17:25-18:10	FE-2	Work Prep
17:30-18:20	FE-1	Replacement of ПФ1, ПФ2 dust filter cartridges (CO1ЦHC_12, bag 367-19 (00045612R))and cleaning B1,B2 Fan screens. Update the IMS
17:30-17:55	FE-3	Crew Departure Prep
17:30-17:40	FE-5	ARED Handrail Inspection
17:40-17:55	CDR	DOS. Sensor Installation
17:40-17:55	FE-5	ARED Flywheel Cylinder Evacuation
17:40-18:55	FE-4	Equipment Transfer
17:55-18:15	CDR	Nutrition: Urine Collection
18:00-18:05	FE-3	Finish Drying the First pair of Gloves and Start Drying the Second Pair
18:00-19:00	FE-5	Work Prep
18:05-18:30	FE-3	Crew Departure Prep
18:10-19:10	FE-2	Physical Exercise (ARED)
18:15-18:20	CDR	Nutrition: Insert Urine Sample into MELFI
18:20-19:20	FE-1	Physical Exercise (TVIS), day 2
18:20-19:15	CDR	Physical Exercise (CEVIS)
18:35-18:40	FE-3	Terminate Drying the Second Pair of Gloves
18:55-19:40	FE-4	EVA Glove Photo Setup
19:00-20:00	FE-3	Physical Exercise (TVIS), day 3
19:00-20:00	FE-5	Physical Exercise (CEVIS)
19:10-19:45	FE-2	Pre-sleep
19:15-20:15	CDR	Physical Exercise (ARED)
19:20-19:50	FE-1	Hygiene Procedures
19:45-19:50	FE-2	Crew Lock Repress
19:50-20:00	FE-1	Pre-filter cleaning in POTOK-150MK Air Purification System in SM and FGB (Use vacuum cleaner equipped with narrow nozzle attachment; POTOK unit should be powered down)
19:50-20:05	FE-2	Crew Lock Repress
19:50-20:00	FE-4	Pre-sleep
20:00-20:15	FE-3	Finish Drying the Third suit, Start Drying the Third Pair of Gloves
20:00-20:05	FE-4	Terminate EHS GC/DMS Ops
20:00-21:10	FE-5	Physical Exercise T2
20:05-21:25	FE-2	Post-EVA
20:05-20:15	FE-4	EVA2 Photo Downlink
20:10-20:15	FE-1	Elektron-VM Aerosol Filter Inspection
20:15-21:15	FE-1	Physical Exercise (ARED)
20:15-21:15	FE-4	Physical Exercise (TVIS)
20:15-20:45	FE-3	Work Prep
20:15-20:50	CDR	Work Prep
20:45-20:50	FE-3	Terminate Drying the Third Pair of Gloves

20:50-21:05	CDR, FE-3	Stow Suits and Gloves after Drying
21:05-21:15	CDR, FE-3	Work Prep
21:10-21:15	FE-5	Transfer TVIS, CEVIS, and HRM data to MEC
21:15-21:30	CDR, FE-1 , FE-3 , FE-4, FE-5	Daily Planning Conference (<i>S-band</i>)
21:25-21:30	FE-2	Post-EVA VDS Reconfig
21:30-23:30	CDR, FE-1 , FE-5	Pre-sleep
21:30-22:30	FE-3	Physical Exercise (TVIS), day 3
21:30-22:30	FE-4	Physical Exercise (ARED)
21:30-22:30	FE-2	Physical Exercise T 2
22:30-23:30	FE-2, FE-3 , FE-4	Pre-sleep
23:30-08:00		SLEEP
Task List	FE-3	IMS Update
		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