

Radiogram No. 1742u

Form 24 for 11/23/2009

Joint Flight With Orbiter Day Five. USOS EVA3.

GMT	CREW	ACTIVITY
07:30-07:40	CDR,FE-2,FE-5	Morning Inspection
07:30-07:40	FE-1	Morning Inspection. <i>Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139</i>
07:30-07:35	FE-3	Elektron-VM Aerosol Filter Inspection
07:30-07:50	FE-4	Nutrition and Repository Urine Sample Collection
07:35-07:40	FE-3	Morning Inspection
07:40-08:10	CDR, FE-1 ,FE-2, FE-3 ,FE-5	Post-sleep
07:50-07:55	FE-4	Nutrition and Repository Urine Sample MELFI Insertion
07:55-08:00	FE-4	Bisphosphonates Pill Ingestion
08:00-08:10	FE-4	Post-sleep
08:10-08:25	CDR	Nutrition and Repository - Blood Draw Operator
08:10-08:45	FE-2	BREAKFAST
08:10-08:30	FE-4	Nutrition and Repository - Blood Samples
08:10-09:05	FE-1,FE-3, FE-5	BREAKFAST
08:25-09:05	CDR	BREAKFAST
08:30-08:40	FE-4	Nutrition and Repository FE2 - Refrigerated Centrifuge Setup
08:40-08:50	FE-4	Nutrition and Repository - Refrigerated Centrifuge Config
08:45-09:15	FE-2	EVA Hygiene Break / Prebreathe /Transfer Hatch Closure
08:50-08:55	FE-4	EVA Camera Test
08:55-09:05	FE-4	BREAKFAST
09:05-09:20	CDR, FE-1,FE-3, FE-4,FE-5	Daily Planning Conference (<i>S-band</i>)
09:15-10:45	FE-2	USOS EVA Preparation
09:20-09:45	CDR, FE-1,FE-3, FE-5	Work Prep
09:20-09:40	FE-4	Nutrition and Repository Blood Sample Insertion into MELFI
09:45-09:55	FE-1	IZGIB-DAKON. Hardware Activation
09:45-10:45	FE-5	Physical Exercise 2 (TVIS2)
09:45-09:55	CDR	RSILK MEU Detachment 1
09:50-09:55	FE-4	FGB HAM Radio Powerdown
09:50-10:20	FE-3	Sampling condensate water [KAB] from CPB-K2M upstream of Gas-Liquid Mixture Filter (ΦГC) to drink bags (start)
09:55-10:05	CDR	RSILK MEU Detachment 2
10:00-10:30	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 – setup
10:05-10:35	CDR	RSILK Post Incubation
10:05-11:05	FE-4	Physical Exercise (ARED)
10:20-13:10	FE-3	PILOT-M FE-3 runs the experiment using Neurolab. <i>Tagup with specialists (S-band)</i>

10:30-10:35	FE-1	IZGIB-DAKON. Hardware Monitoring
10:35-10:55	FE-1	PILOT-M. Experiment Using Neurolab For FE-3
10:35-10:45	CDR	Rad Silk - insertion of egg cases into ULF3 MELFI
10:45-10:55	FE-5	CERISE Clean Bench Microscope initialization 1
10:45-11:00	FE-2	EMU Purge
10:45-11:45	CDR	Physical Exercise 2 (TVIS)
10:55-11:05	FE-5	CERISE Measurement Experiment Unit A Detachment 1
11:00-11:50	FE-2	EMU Prebreathe Before EVA
11:00-11:05	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - compressor restart
11:05-11:25	FE-1	PLANTS-2. Data Downlink
11:05-11:15	FE-4	Nutrition and Repository - Stow Blood Sample Collection and Processing Hardware
11:05-11:10	FE-5	CERISE Measurement Experiment Unit A Detachment 2
11:10-11:40	FE-5	CERISE Sample Collection 1
11:15-11:35	FE-4	Nutrition and Repository: Stow Urine Sampling Equipment
11:25-11:35	FE-1	PLANTS-2. Photography
11:35-11:40	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - compressor restart
11:35-11:45	FE-4	Integrated Immune: Hardware Setup for Crew Saliva Sampling
11:40-11:45	FE-5	CERISE Measurement Experiment Unit A Attachment 3
11:45-11:55	FE-5	CERISE Temperature Recorder Removal 1
11:45-11:55	CDR	Rad Silk - Egg case relocation from one Dewar to another for ULF3
11:50-12:20	FE-2	Crew Lock Depress
11:55-12:55	CDR	Physical Exercise (ARED)
11:55-12:55	FE-5	CERISE Clean Bench Observation 1
12:10-12:15	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - compressor restart
12:10-13:10	FE-4	Physical Exercise 2 (TVIS)
12:20-12:25	FE-2	Terminate Crew Lock Depress
12:30-12:45	FE-1	Verify ИП-1 Flow Meter Configuration
12:45-12:50	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - compressor restart
12:50-13:10	FE-2	High Pressure Tank Ops
12:55-13:05	FE-5	CBH Insertion Into MELFI
13:10-14:10	FE-3	Physical Exercise (TVIS), day 1
13:10-14:40	CDR	WRS Prep for Distillation
13:10-14:10	FE-4	Crew Departure Prep
13:10-14:40	FE-5	Physical Exercise (ARED)
13:20-14:10	FE-1	Water transfer from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - 5B1 Compression
13:30-13:40	FE-2	EHS GC/DMS Ops Start
13:40-14:40	FE-2	Physical Exercise 2 (TVIS2)
14:10-14:40	FE-3	Hygiene Procedures
14:35-14:40	FE-4	Configuration for EMU Glove Photography

14:40-15:40	.	LUNCH
15:40-17:10	CDR	Water Recovery System (WRS) Distillation Assembly (DA) Removal
15:40-17:40	FE-1,FE-3	Removal of MRM2 Cargo Restraint Frames
15:40-17:40	FE-4	Soyuz 225 Stowage Operations
15:40-15:50	FE-5	OGS Rack Access
15:40-16:00	FE-2	High Pressure Tank Ops
15:50-16:35	FE-5	OGS Hydrogen Sensor ORU Purge Adapter (HOPA) Operations
16:35-16:45	FE-5	OGS QD Disconnect
16:45-16:55	FE-5	OGS Rack Closure
16:50-17:40	FE-2	Cargo Transfer Ops
17:10-18:10	CDR	WRS DA Stowage
17:30-18:30	FE-5	Post-EVA Ops
17:40-18:40	FE-1	Physical Exercise (TVIS), day 4
17:40-18:35	FE-3	Crew Departure Prep
17:40-18:40	FE-2	Physical Exercise (ARED)
17:55-18:55	FE-4	Cargo Transfer Ops
18:10-18:40	CDR	Terminate N2 transfer from STS to ISS
18:30-20:15	FE-5	Cargo Transfer Ops
18:35-19:10	CDR	Cargo Transfer Ops
18:35-19:35	FE-3	Physical Exercise (TVIS), day 1
18:40-19:10	FE-1	Hygiene Procedures
18:40-18:45	FE-2	EHS GC/DMS Ops Terminate
18:45-18:50	FE-2	Crew Lock Repress
18:50-19:05	FE-2	Crew Lock Repress
19:05-20:25	FE-2	Post-EVA Ops
19:05-20:00	FE-4	Work Prep
19:10-19:15	FE-1	Transfer water from Progress 403 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - valve closure
19:15-20:15	CDR	Work Prep
19:15-19:55	FE-1	COX Maintenance
19:35-20:10	FE-3	Work Prep
19:55-20:15	FE-1	IMS Update
20:00-20:05	FE-4	Post-EVA Video System Configuration
20:05-20:15	FE-4	EVA Photo Downlink
20:10-20:15	FE-3	Elektron-VM Aerosol Filter Inspection
20:15-20:30	CDR, FE-1,FE-3, FE-4,FE-5	Daily Planning Conference (<i>S-band</i>)
20:25-20:30	FE-2	Transfer TVIS, CEVIS, and HRM data to MEC
20:30-22:30	.	Pre-sleep
22:30-07:00	.	SLEEP
Task List	FE-1	PLANTS. Payload Status Check

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