

Radiogram No. 0771u

Form 24 for 07/22/09

**JOINT FLIGHT WITH ORBITER DAY SIX. REGUL-OS STRING 3 TEST**

GMT	CREW	ACTIVITY
10:05-10:10	FE-1, FE-2, FE-4, FE-5, FE-2-20	Immune. Liquid Saliva Test
10:05-10:15	CDR, FE-3	Morning Inspection
10:05-10:10	FE-2	Morning Inspection
10:10-10:25	FE-4	Nutrition and Repository - Blood Draw Operator
10:10-10:35	FE-5	Post-sleep
10:10-10:15	FE-1	Morning Inspection
10:10-10:30	FE-2	Nutrition and Repository - Blood Samples.
10:10-10:40	FE-2, FE-2-20	Post-sleep
10:15-10:45	CDR, FE-1, FE-3	Post-sleep
10:25-10:45	FE-4	
10:30-10:40	FE-2	Nutrition and Repository FE2: Refrigerated Centrifuge Setup
10:35-12:05	FE-5	Physical Exercise (ARED)
10:40-10:50	FE-2	Nutrition and Repository Refrigerated Centrifuge Config
10:40-11:30	FE-2, FE-2-20	BREAKFAST
10:45-11:30	CDR	
10:45-11:35	FE-1, FE-3, FE-4	
10:50-11:20	FE-2	Post-sleep
11:20-11:40		Nutrition and Repository Blood Sample Insertion into MELFI
11:30-11:55	FE-2, FE-2-20, MS3	EVA Hygiene Break/Prebreathe
11:30-11:45	CDR	Photograph Soyuz 224 MLI from Soyuz 225 Orbital Module Window
11:35-12:05	FE-3, FE-4	Work Prep
11:35-11:40	FE-1	EVA Camera Test
11:40-11:45	FE-2	JPM Window Shutter Closure
11:40-11:55	FE-1	Work Prep
11:45-12:05	CDR	
11:45-12:05	FE-2	BREAKFAST
11:55-13:25	FE-1, FE-2, FE-2-20, MS3	Preparation for EVA
12:05-12:20	CDR, FE-2, FE-3, FE-4, FE-5	Daily Planning Conference ( <i>S-band</i> )
12:20-12:40	FE-2	Work Prep
12:20-12:30	CDR	Activation of Soyuz 224 Gas Analyzer / <i>Ascent and Descent, 4.1, p. 65</i>
12:20-13:25	FE-5	BREAKFAST
12:20-13:50	FE-4	Physical Exercise (TVIS)
12:30-13:30	FE-3	Physical Exercise (VELO), day 1
13:25-13:40	FE-1, FE-2, FE-2-20, MS3	EMU Purge
13:30-14:30	FE-2	Physical Exercise (VELO)
13:30-15:30	FE-3	Pre-pack COFC Equipment for Disposal

13:40-14:30	FE-1, FE-2, FE-2-20, MS3	Prebreathe in EMU
13:45-14:00	CDR	Photograph Soyuz 224 MLI from Window #9 /
13:50-14:50	FE-4	ITCS Coolant Monitoring
14:30-15:30	FE-2	Physical Exercise (ARED)
14:30-15:00	FE-1, FE-2, FE-2-20, MS3	Crew Lock Depress
14:55-15:55	CDR	Physical Exercise (TVIS), day 1
15:00-15:05	FE-1, FE-2, FE-2-20, MS3	Terminate Crew Lock Depress
15:05-16:05	FE-2, FE-2-20	ISS Crew Adaptation
15:05-21:25	MS3	EVA
15:25-15:30	FE-4	EPM Laptop Setup and Activation
15:30-16:30		LUNCH
15:30-15:40	FE-3	Activation of Soyuz 225 Gas Analyzer / <i>Ascent and Descent, 4.1, p. 65</i>
15:40-16:40	FE-5	LUNCH
15:40-16:40	FE-3	Checkout Soyuz 225 Neptune Panel. <i>Tagup (as necessary) with specialists (VHF)</i>
15:45-17:15	FE-1	Physical Exercise (ARED)
15:55-16:25	CDR	Hygiene Procedures
16:05-17:15	FE-2, FE-2-20	Handover
16:30-16:40	FE-4	ESA PL. Set up NEUROSPAT Experiment Equipment
16:45-17:45	CDR, FE-3	LUNCH
17:15-18:15	FE-1, FE-2, FE-2-20	
17:40-18:55	FE-4	Perform Science Experiment Using NEUROSPAT Software
17:45-19:45	CDR, FE-3	EVA Tool and Equipment Audit
17:55-18:55	FE-5	Physical Exercise (CEVIS)
18:15-19:40	FE-2, FE-2-20	Handover
18:45-19:15	FE-1	CMO Proficiency Training
18:55-19:10	FE-4, FE-5	ESA PL. Photograph EEG Electrodes
19:10-19:20	FE-4	ESA PL. Disassemble NEUROSPAT Equipment
19:20-19:25		Re-connect PWS2 Cable
19:30-20:30		Physical Exercise (ARED)
19:40-20:40	FE-2, FE-2-20	Physical Exercise (CEVIS)
19:45-20:45	FE-1	Physical Exercise (TVIS)
20:10-20:30	FE-3	IMS Update / <i>IMS, 2.2.1, 2.2.2, 2.3, pp. 2-2 through 2-4</i>
20:25-20:35	FE-2	Terminate EMU Battery Charge
20:30-20:45	FE-3	Verify ИП-1 Flow Meter Configuration
20:40-21:10	FE-2, FE-4, FE-2-20	Crew Medical Restraint System (CMRS) checkout
20:40-21:40	CDR	Physical Exercise (ARED)
20:40-21:40	FE-3	Physical Exercise (TVIS), day 1
20:50-20:55	FE-1	EVA Glove Photo Setup

21:05-21:10	FE-5	Rack Umbilical Mate
21:05-21:25	FE-2	Nutrition and Repository Crew Urine Collection Hardware Setup
21:10-21:25	FE-4, FE-5	Sample Transfer Review
21:25-22:05	FE-2	Terminate N2 Transfer from the Shuttle to the ISS
21:25-21:55	FE-4,FE-5	GLACIER Load
21:25-21:30	FE-2, FE-2-20, MS3	Crew Lock Repress
21:30-21:40	FE-1, FE-2, FE-2-20, MS3	
21:40-22:20	CDR	COX Maintenance
21:40-23:00	FE-2, FE-2-20, MS3	Post-EVA
21:40-22:35	FE-1	
21:40-22:10	FE-3	Hygiene Procedures
21:55-22:20	FE-4, FE-5	Evening Work Prep
22:05-22:10	FE-2	Transfer TVIS, CEVIS, and HRM data to MEC
22:10-22:20		Evening Work Prep
22:20-22:35	CDR, FE-2, FE-3, FE-4, FE-5	Daily Planning Conference ( <i>S-band</i> )
22:35-22:45	FE-1	EVA3 Photo Downlink
22:35-23:05	CDR, FE-2, FE-3, FE-4, FE-5	Evening Work Prep
22:45-23:00	FE-1	Post-EVA
23:00-23:20	FE-2, FE-2-20	Start EMU Battery Charge
23:00-23:25	FE-1	
23:05-01:05	CDR, FE-3, FE-4, FE-5	Pre-sleep
23:05-23:20	FE-2	Private Psychological Conference ( <i>Ku + S-band</i> )
23:20-01:05	FE-2, FE-2-20	Pre-sleep
23:25-01:05	FE-1	
01:05-09:35	ISS-20, FE-2-20	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: dinner, daily food prep, evening toilet
- End of Radiogram