

Radiogram No. 7472u

Form 24 for 04/14/08

Soyuz 221 СУД Test before Undocking

GMT	CREW	ACTIVITY
06:15-06:25	ISS17	Morning Inspection
06:15-06:25	FE-1	IMMUNO. First saliva sample collection
06:15-06:20	CDR	Integrate Immune - CDR Liquid Saliva Sample Collection
06:15-06:20	FE-2	Integrate Immune - Liquid Saliva Sample Collection 1J/A FE2
06:15-06:30	SFPVC	KAP07. Temperature check, removing samples D,E,F, and setting up samples G,H
06:20-06:55	FE-2, CDR	Post-sleep
06:25-07:05	CDR-17	Post-sleep
06:25-06:55	FE-1-17	Post-sleep
06:25-06:30	FE-1	IMMUNO. Log entry, morning use of ACY as a start
06:30-07:00	SFPVC	Post-sleep
06:30-06:55	FE-1	Post-sleep
06:55-07:45	FE-2, CDR, FE-1-17	BREAKFAST
06:55-07:05	FE-1	IMMUNO. First stress test, questionnaire data entry
07:00-07:50	SFPVC	BREAKFAST + KAP06
07:05-07:20	FE-1, CDR-17	IMMUNO. Venous blood collection
07:20-07:40	FE-1	IMMUNO. Venous blood sample processing (smear)
07:25-07:40	CDR-17	IMMUNO. Venous blood sample processing. Blood sample centrifuge processing
07:40-07:55	CDR-17	BREAKFAST
07:40-08:10	FE-1	BREAKFAST
07:45-08:10	FE-2, CDR, FE-1-17	Prep for Work
07:50-08:00	SFPVC	KAP09. Equipment deactivation and questionnaire
07:55-08:10	CDR-17	Prep for Work
08:00-08:05	SFPVC	KAP08. Temperature monitoring_1
08:05-08:15	SFPVC	Tagup with Consultant Team over VHF1
08:10-08:25	ISS16, 17	Daily Planning Conference (<i>S-band</i>)
08:15-08:45	SFPVC	KAP02. Daily ops - morning (monitoring and video recording)
08:25-08:40	ISS16, 17	ISS Crew and ГОГУ (RSA Flight Control Team) Weekly Conference (<i>S-band</i>)
08:40-08:55	CDR	JLP HCTL Status and JLP Shell Temperature Periodic Monitoring
08:40-09:10	ISS17	OBT for ATV Gas Transfer. <i>Tagup with specialists (S-band)</i>
08:40-08:50	FE-2	MSG: activation
08:40-08:55	FE-1	Prep for Work
08:45-09:15	SFPVC	KAP01. Daily Ops (monitoring, photography, questionnaire)
08:50-09:00	FE-2	CSLM2 - Open Vacuum Vent 1
08:55-09:00	CDR	Japanese Experiment Logistics Module-Pressurized Section (JLP) Minimum Keep Active Monitor (MKAM) fan activation

08:55-09:10	FE-1	IMMUNO. Urine sample collection and fluid / medications intake log entry
09:00-09:05	CDR	PBA transfer from COL1PF to JLP (JLP1F3)
09:00-09:10	FE-2	Secondary Power System (SPS) Airlock Emergency Light Power Supply (ELPS) Inspection
09:05-09:35	CDR	Japanese Experiment Logistics Module-Pressurized Section (JLP) Minimum Keep Active Monitor (MKAM) fan activation
09:10-09:40	FE-1	Physical Exercise (TVIS), day 1
09:10-09:25	FE-2	Lab Emergency Light Power Supply (ELPS) Inspection
09:10-09:25	ISS17	Elektron activation and БД temperature monitoring
09:15-09:20	SFPVC	KAP07. First temperature check
09:20-09:50	SFPVC	Prep for Work
09:25-10:25	FE-2	Node 1 Emergency Light Power Supply (ELPS) Inspection
09:35-09:40	CDR	Relocate the JLP PBA from the JLP Endcone (JLP1F3) to the COL1PF location
09:40-09:45	CDR	Japanese Experiment Logistics Module-Pressurized Section (JLP) Minimum Keep Active Monitor (MKAM) Fan Deactivation
09:40-10:25	ISS17, FE-1	ISS-16/ISS-17 crew handover (health evaluation)
09:45-10:45	CDR	Physical Exercise (TVIS)
09:50-10:10	SFPVC	KAP09. Equipment removal from window 9 by VC SFP
10:10-10:40	SFPVC	KAP15. Experiment ops with Samsung video camera
10:25-10:40	ISS17, FE-1	IRIDIUM phone charging, configuration setup, start charge <i>Tagup as necessary (S-band)</i>
10:25-10:55	FE-2	Node 2 Emergency Light Power Supply (ELPS) Inspection
10:40-10:45	SFPVC	KAP07. Second temperature check
10:40-11:25	CDR-17	ECON. Observations and photography (test)
10:45-11:45	CDR	Physical Exercise (CEVIS)
10:55-11:05	FE-2	Emergency Light Power Supply Inspection in Columbus
10:55-11:00	FE-1	IRIDIUM phone charging - status check
10:55-11:20	FE-1-17 assist	ISS-MCC TV.VC TV PAO (To= 10:52,T1,T2,T3 from СПП)
10:55-11:20	SFPVC	TV PAO VC Ops
11:05-11:15	FE-2	Troubleshooting Module Lighting Unit (MLU) in Columbus
11:15-11:20	FE-1	IRIDIUM phone charging - status check
11:20-12:40	SFPVC	KAP05. Experiment session 2
11:20-12:00	FE-1-17	On MCC Go O2 Repress from ATV GDS
11:30-11:40	FE-2	European Modular Cultivation System Stowage Check
11:35-11:40	FE-1	IRIDIUM phone charging - status check
11:45-11:55	FE-1	IRIDIUM phone charging - terminate charge, cleanup
11:55-12:55	FE-1, CDR	Soyuz 221 СУД Test
11:55-13:15	FE-2	Physical Exercise (RED)
12:00-12:30	CDR-17	KAP05. Experiment video
12:00-12:15	FE-1-17	Exercise Orientation
12:15-12:35	FE-1-17	IMS Update

12:40-12:55	SFPVC	Private Medical Conference (<i>VHF</i>)
13:00-13:15	FE-1	IMMUNO. Urine sample collection 2 and fluid/medications intake log entry
13:00-13:15	CDR-17	Exercise Orientation
13:05-13:10	SFPVC	KAP07. Third temperature check
13:10-13:15	SFPVC	KAP08. Temperature monitoring_2
13:10-13:15	FE-1-17	BIOEMULSION. Activate mixing mode
13:15-14:15	ISS16, 17	LUNCH
13:15-14:15	SFPVC	LUNCH + KAP06
14:15-14:25	SFPVC	Tagup with Consultant Team using VHF1
14:15-14:35	FE-1-17	BIOEMULSION. Complete bioreactor thermostatic shell ops and set up bioreactor in thermostatic chamber
14:25-14:30	CDR	PAO hardware setup
14:30-14:40	CDR, FE-2	Crew prep for PAO
14:35-14:45	SFPVC	KAP12. Prep and memory test 2
14:35-14:40	FE-1-17	BIOEMULSION. Photos of bioreactor being inserted in thermostatic chamber
14:40-15:00	FE-2,CDR	PAO Event (<i>Ku + S-band</i>)
14:40-14:45	CDR-17	KAP12. Photography during memory test
14:45-16:45	ISS17, FE-1	Symbolic activity. Envelope signing and stamping
14:45-16:40	SFPVC	
15:00-15:30	FE-2	MCA Container Replacement
15:10-16:10	CDR	Pre-pack USOS hardware for 15S loading
15:45-16:45	FE-2	Physical Exercise (CEVIS)
16:10-16:50	CDR	COX maintenance
16:40-16:45	SFPVC	KAP07. Forth temperature check
16:45-17:15	FE-1, ISS17	ISS-16/ISS-17 crew handover
16:45-16:55	SFPVC	KAP13. Hardware setup and activation. (session 2)
16:55-17:00	FE-2	HAM radio setup
16:55-17:10	SFPVC	KAP13. Prep for photography (session 2)
17:00-17:10	FE-2	HAM radio session
17:10-17:30	FE-2	TEPC transfer
17:10-17:15	SFPVC	KAP13. SMMS calibration (session 2)
17:15-18:15	FE-1	Physical Exercise (TVIS), day 1
17:15-17:40	SFPVC	KAP13. Measurement. (session 2)
17:25-17:55	FE-1-17	BIOEMULSION. Unplug thermostatic shell [KT] from P5C power outlet and stow
17:40-17:50	SFPVC	KAP13. Experiment termination (session 2)
17:50-18:00	SFPVC	KAP13. Memory card retrieval and closeout ops. (session 2)
18:00-18:15	CDR-17	BAR. Kelvin-video charging (start)
18:00-18:15	SFPVC	KAP04 HOLTER. Experiment set up and start
18:00-18:10	FE-2	CSLM2 - Close Vacuum Vent 1
18:10-18:15	FE-1-17, FE-2	Transferring TVIS, RED, and HRM data to MEC

18:15-18:30	ISS17	Private Medical Conference (<i>S-band</i>)
18:15-18:50	FE-1	Evening Work Prep
18:15-18:25	SFPVC	KAP02. Daily ops - evening (container set up in Nomex bag)
18:15-18:40	FE-2	Report prep
18:15-18:30	CDR	Verify ИП-1 Flow Meter Positions
18:25-18:45	SFPVC	KAP09. Mount equipment on window 9
18:30-18:50	ISS17, CDR	Report prep
18:40-18:50	FE-2	CSLM2- vacuum valve 2 open
18:45-19:35	SFPVC	Report prep
18:50-19:05	ISS16, 17	Daily Planning Conference (<i>S-band</i>)
19:05-19:15	FE-1	Report prep
19:05-19:45	CDR, ISS17, FE-2	Evening Work Prep
19:15-19:30	FE-1	IMMUNO. Urine sample collection 3 and fluid / medications intake log entry
19:30-19:45	FE-1	IMMUNO. Second saliva sample. Close-out ops
19:35-19:45	SFPVC	KAP09. Equipment activation and questionnaire
19:45-20:00	FE-2	Private Family Conference (<i>Ku + S-band</i>)
19:45-21:05	FE-1	Dinner, Pre-sleep
19:45-20:15	SFPVC	DINNER + KAP06
19:45-20:15	CDR,ISS17	DINNER
20:00-20:15	FE-2	
20:15-20:45	ISS17, FE-2, SFPVC	Daily Food Prep
20:45-21:30	SFPVC	Pre-sleep
20:45-21:45	ISS17, CDR, FE-2	Pre-sleep
21:05-21:15	FE-1	IMMUNO. Second stress test, questionnaire data entry
21:15-21:30	FE-1	IMMUNO. Urine sample collection 4 and fluid / medications intake log entry
21:30-21:45	FE-1	IMMUNO. First urine sample collection from Urine receptacles and CRYOGEM-03 stow
21:30-21:35	SFPVC	KAP08. Temperature monitoring_3
21:35-21:40	SFPVC	KAP07. Fifth temperature check
21:40-21:45	SFPVC	KAP07. Deactivate furnace with installed samples G,H,I
21:45-06:20		SLEEP
Task List	FE-1	TBY (Universal Bioengineering Thermostat). Temperature check
	SFPVC	Transfer data from flash card to return HDD

Notes:

1. See OSTP for references to US activities.
 2. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC**
- End of Radiogram