Radiogram No. 6391u Form 24 for 20/21/-10/21/07

Equipment Stowage in Soyuz. Soyuz - SM Transfer Hatch Closure. Interface Leak Check

GMT	CREW	ACTIVITY
07:30-07:40	ISS15, FE-1-16	Morning Inspection
07:30-08:00	SFPVC	Post-sleep
07:30-07:50	CDR-16	NUTRITION. Urine collection.
07:40-08:10	ISS15, FE-1-16	Post-sleep
07:50-07:55	CDR-16	NUTRITION. Urine Sample Insertion into MELFI
07:55-08:15		NUTRITION. Stowage of urine collection equipment
08:00-08:50	SFPVC	BREAKFAST
08:10-08:50	ISS-15	BREAKFAST
08:10-08:30	FE-1-16	
08:15-08:50	CDR-16	Post-sleep
08:30-08:50	FE-1-16	P-KINASE. Transfer of 8 containers to BIOKIT5 kit in Soyuz
08:50-09:05		Daily Planning Conference *(S-band)*
09:05-09:50	CDR-16	BREAKFAST
09:05-09:35	FE-1-16	
09:05-09:15	ISS15	
09:15-09:45	CDR	Prep for Work
09:15-10:10	FE-2	CCISS - equipment set up
09:15-09:25	FE-1	Prep for Work
09:25-15:00		Stow return equipment in Soyuz
09:35-09:45	FE-1-16	Prep for Work
09:45-09:55		CONJUGATION. Replace cold packs in Biocont-T
09:45-10:00	CDR	REGENERATION. Transfer hardware to Soyuz
09:50-10:05	CDR-16	CCISS - Operator assistance
10:00-10:30	CDR	STATOKONIA. Kit transfer to Soyuz
10:05-13:05	CDR-16	Installation of EWIS antenna data cable
10:10-10:30	FE-2	CCISS - data collection
10:30-10:55		CCISS-hardware stowage
11:00-12:00	FE-1-16	Physical Exercise (RED)
11:35-11:50	FE-2	Private Psychological Conference (Ku + S-band)
12:00-12:20		IMS Update
12:25-12:40		Private family conference (Ku + S-band)
12:40-13:20		СОЖ Maintenance
13:00-13:10	SFPVC	Tagup with Consultant Team via VHF1
13:05-13:55	CDR-16	E15 to E16 Crew Handover
13:05-14:05	CDR, FE-1-16	
13:45-15:00	FE-2	Physical Exercise (RED)
13:55-14:55	CDR-16	Physical Exercise (CEVIS)
14:00-14:10	SFPVC	CELLS IN SPACE. Removal of FPA containers from behind SM panel 229A and transfer

14:10-14:50		CELLS IN SPACE. FPA fixation 8 and filling 4 FPA with media
14:10-14:50	FE-1-16	CELLS IN SPACE. Photo/video of 8 FPA fixation and filling with media 4
14:50-15:05	SFPVC	VC13 HAM radio session
14:55-15:00	CDR-16	Transfer TVIS/RED/CEVIS/HRM data to MEC
15:00-16:00	ISS15, 16	LUNCH
15:05-16:00	SFPVC	LUNCH
16:00-22:00		Crew rest before Soyuz 220 undocking
22:00-22:20		Personal Hygiene
22:20-23:10	ISS15, 16	Meal
22:20-23:35	SFPVC	Meal
23:10-23:25	ISS15, 16	Daily Planning Conference *(S-band)*
23:25-23:30	FE-2	HAM radio powerdown in FGB
23:30-23:35		Closing LAB window shutters
23:30-23:40	CDR-16	Equipment setup for TV report on Transfer Hatch Closure [ЗПЛ]
23:35-02:15	FE-1	Stow return equipment in Soyuz
23:35-23:50	FE-2	Food frequency questionnaire
23:35-00:05	SFPVC	PCS. Experiment deactivation
23:35-23:50	FE-1-16	SAMPLE. Retrieval and transfer of kits from MELFI to Soyuz for return
23:40-00:00	CDR-16	Meal
23:50-00:05	FE-1-16	CONJUGATION. Retrievals and transfers to Soyuz
23:50-00:50	FE-2	Physical Exercise (CEVIS)
00:05-00:25	SFPVC	CELLS IN SPACE. Stow FPA containers to Nomex bag for return
00:05-00:25	FE-1-16	AT-Space. Transfer of 8 containers to BIOKIT1 kit in Soyuz
00:10-00:40	CDR	GCF-JAXA. Hardware retrieval from ТБУ and transfer to Soyuz
00:25-00:45	FE-1-16	BIOKIN. Transfer of containers to Soyuz
00:25-00:55	SFPVC	MICROBES IN SPACE. Close-out ops and transfers to Soyuz
00:35-01:35	CDR-16	Physical Exercise (CEVIS)
00:40-00:50	CDR	IMMUNO. Transfer and stowage of КВ-03 return container to Soyuz
00:45-00:55	FE-1-16	KUBIK3. Setup and copy data
00:50-02:20	FE-2	Physical Exercise (RED)
01:00-01:10	FE-1-16	Transfer of VC Emergency Books (3 copies) from Soyuz 220 to Soyuz 221 **Report to MCC**
01:10-01:20		KUBIK3. Switch data cable
01:20-01:35		BIOEMULSION. Transfer of return container to Soyuz
01:35-01:50	CDR-16	Food frequency questionnaire
01:40-01:50	FE-1-16	KUBIK3. Data copy close-out ops and thermostat deactivation
02:15-02:30	FE-1	Soyuz prepack completion report *(S-band)*
02:20-03:20	CDR-16	MOOCE tray reconfig
02:20-03:45	FE-2	Crew departure prep
02:30-02:45	FE-1	Check and maintain comm from Soyuz using Russian Ground Sites
02:45-02:55	FE-1-16	Comm config for Soyuz undocking and descent
02:45-03:45	CDR, FE-1	Soyuz 220 Activation

02:55-03:25	FE-1-16	KUBIK2. Dismantle and stow thermostat
03:20-03:50	CDR-16	MELFI - ICEPAC Insertion into container module
03:45-04:05	FE-2	Transfer Hatch Closure video using USOS Camcorder. DVCAM video followed by Transfer Hatch Closure TV downlink to MCC-M
03:45-04:05	FE-1, CDR	Removal and inspection of quick-release screw clamps
04:05-04:25		Soyuz - SM Transfer Hatch Closure
04:25-05:25	FE-1, CDR, SFPVC	Soyuz 220 /SM interface leak check
04:25-04:40	FE-1-16	Verify ИП-1 sensor installation
04:25-04:40	FE-2	Transfer Hatch Closure TV downlink
04:40-05:10	FE-1-16	CRYOGEM-03 Deactivation, ТБУ and KUBIK-AMBER deactivation and teardown
05:10-05:50		KUBIK 1, 3. Dismantle and stow thermostat
05:25-10:35	CDR, FE-1, SFPVC	
07:10-07:50	CDR-16	СОЖ Maintenance
07:30-07:35	FE-1-16	**On MCC Go** Switch ПрК-ТК PEV to CLOSED position
07:35-07:40		Post-Soyuz undocking comm reconfig
07:50-08:10	CDR-16	IMS Update
08:10-08:15		Disconnect Display and Control Panel (DCP) power cable
08:30-08:45	ISS16, FE-2	Daily Planning Conference *(S-band)*
08:45-09:00	FE-2, FE-1-16	Daily food prep
09:00-09:30	ISS16, FE-2	DINNER
09:30-10:00	CDR-16	Daily food prep
09:30-09:45	FE-1-16	
09:30-10:15	FE-2	Pre-sleep
09:45-10:40	FE-1-16	
10:00-11:00	CDR-16	
10:15-11:00	FE-2	CCISS - data download and equipment stowage
10:40-10:50	FE-1-16	Restore nominal comm config after Soyuz landing
11:00-05:00	FE-2, ISS16	Sleep, rest
Task List	FE-1	GSF-JAXA. ТБУ temperature monitoring (in the morning)
	FE-1-16	**On MCC GO** ISS O2 repress from Progress 361 СрПК

Note: 1. See OSTP for references to US activities.

2. Soyuz ODF ops (CDR, FE1, SFP):

GMT	ACTIVITY
04:25-05:25	Prep for undocking
	Donning space suits, Biomed Harness [ПКО], KENTAVR suits
05:25-05:55	Translation to Descent Module
	СА (Descent Module) -БО (Orbital Module) hatch closure
05:55-06:20	Space suit leak check
06:20-07:00	СА-БО (Descent Module/Orbital Module) hatch leak check

07:00-07:30	Undocking ops
	Monitoring Manual Entry Control [РУС] settings
07:30-08:05	Meal
08:05-10:35	Descent prep and execution

End of Radiogram