

Radiogram No. 6280u

Form 24 for 10/12/07

SOYUZ TMA-221 DOCKING TO FGB

GMT	CREW	ACTIVITY
11:00-11:10		Morning inspection
11:10-11:40		Post-sleep
11:40-12:30		BREAKFAST
12:30-12:45	CDR	Prep for Work
12:30-12:55	FE-1	
12:30-12:45	FE-2	Activation of A31P Laptop
12:45-12:55		Prep for Work
12:45-12:55	CDR	PAO hardware setup
12:55-13:10		Daily Planning Conference (<i>S-band</i>)
13:10-13:15	FE-2	LAB1D6 rack connection to LTL prior to CDRA activation
13:10-13:30	FE-1	KUBIK-AMBER, KUBIK 2 thermostat activation
13:10-13:25	CDR	SM TV System activation to receive video from Soyuz and transmit image via Ku-band
13:15-14:45	FE-2	Physical Exercise (RED)
13:25-14:05	CDR	Soyuz docking video downlink via Ku-band
13:30-13:35	FE-1	Set Cryogem-03M to + 4 C
13:35-13:45		Configuring comm for Soyuz docking
13:45-14:55		Soyuz 221 / ISS approach monitoring
14:05-14:55	CDR	
14:55-15:00	FE-1	On MCC Go: Switch PEV ГА-ТК to ЭЛЕКТ УПР [ELECTR CONTR] mode
15:00-15:15	CDR	Terminate Ku-band video downlink
15:15-15:40	FE-2	Removal of test equipment used for Ku-band TV downlink (after Progress docking)
15:40-15:50	ISS15	Crew prep for PAO
15:50-16:15	CDR, FE-2	Ku-band TV PAO downlink "VC Arrival" (<i>S+Ku-band</i>). Soyuz-FGB transfer hatches open
15:50-16:00	FE-1	
16:00-16:15	FE-1	Prep for TV PAO (To =15:59, T1, T2, T3 from СПП)
16:15-16:40		Open Soyuz-FGB transfer hatches TV PAO downlink "VC Arrival"
16:40-17:05		Safety briefing
17:05-18:05	FE-1-16	Soyuz 221 deactivation
17:05-17:15	FE-1	Comm reconfig after Soyuz 221 dock/undock
17:15-18:15	FE-1	Physical Exercise (TVIS), Day 2
17:25-18:25	CDR,SFPVC	VC SFP Familiarization with ISS
18:00-18:10	CDR-16	Terminate drying suits 1, 2
18:05-18:40	FE-1-16	P-KINASE. Insert 8 containers into KUBIK3 at +37 deg C
18:10-18:25	CDR-16	Drying Spacesuit 3: start, and setting up 1st pair of gloves for drying
18:20-18:25	FE-1	On MCC Go ISS O2 repress from Progress 361 СрПК (start)
18:25-19:25	ISS-15, SFPVC	LUNCH
18:25-18:55	CDR-16	LUNCH

18:40-19:25	FE-1-16	LUNCH
18:55-19:00	CDR-16	Terminate drying the first pair of gloves and start drying the second pair
19:00-19:30	CDR-16	LUNCH
19:25-19:35	CDR	Elektron activation and БД temperature monitoring
19:25-19:40	FE-1-16	BIOEMULSION. Transfer and stow hardware in SM
19:25-19:45	FE-1	REGENERATION. Hardware transfer and stow
19:25-19:45	FE-2	IMS update
19:25-19:35	SFPVC	Tagup with Consultants Team via VHF1
19:30-19:35	CDR-16	Terminate drying the second pair of gloves
19:40-20:00	FE-1-16	BIOEMULSION. Setup bioreactor in KT and activate cultivation mode
19:45-20:25	FE-2	COЖ Maintenance
19:45-19:50	FE-1	BIOEMULSION. Photography during experiment ops
19:50-19:55		ISS O2 repress from Progress 361 CpПК (terminate)
20:00-20:20		CONJUGATION. Photography during Insertion into CRYOGEM
20:00-20:10	CDR	MICROBES IN SPACE. Photography during transfer ops
20:00-20:20	FE-1-16	CONJUGATION. Transfer from Soyuz and set up in CRYOGEM-03 at +4
20:00-20:15	SFPVC	MICROBES IN SPACE. Transfer from Soyuz and placement of the kit in KUBIK-AMBER
20:15-20:25	CDR	PCS. Experiment activation photography
20:15-20:45	SFPVC	PCS. Experiment activation
20:20-21:00	FE-1-16	Soyuz transfers
20:25-20:45	FE-2	SODF Emergency book updates /
20:45-21:45		Physical Exercise (CEVIS)
20:45-21:35	SFPVC	CELLS IN SPACE. Transfer of FPA containers from Soyuz to SM and set up in KUBIK-AMBER
20:55-21:10	CDR-16	Terminate drying the 3rd suit, start drying the third pair of gloves
20:55-21:15	CDR	CELLS IN SPACE. Photography of FPA set up in KUBIK-AMBER
21:00-21:25	FE-1-16	P-KINASE. Activation of 8 containers
21:05-22:05	FE-1	Physical Exercise (TVIS), Day 2
21:25-21:40	FE-1-16	BIOTREK. Transfer from Soyuz and set up of Bioecologia kit #07 in DC1
21:40-22:05		LAKTOLEN, ARIL, OЧБ. Transfer of Bioecologia container P/N 18, 6-1 from Soyuz to SM
21:40-21:45	CDR-16	
21:45-00:55	FE-2,CDR-16	E15 to E16 Crew Handover
22:05-00:05	FE-1	IELK swap in Soyuz, seat liner reinstall
	FE-1-16	IELK swap in Soyuz, seat liner reinstall
23:00-23:15	CDR	Verify ИП-1 sensor installation
23:15-00:15	CDR	Prep for Work
00:05-00:20	FE-1-16, FE-1	Stow suits and gloves after drying
00:15-02:15	CDR	Physical Exercise (TVIS), Day 2
00:25-00:55	FE-1-16	P-KINASE. Initial fixation of 4 containers, placement in KUB1 at +22 deg
00:55-01:10	FE-2	Questionnaire - journal entry
01:00-01:15	CDR-16,FE-1-16	Private Medical Conference (S-band)

01:10-01:15	FE-1	KUBIK1 thermostat activation at + 22 deg C
01:10-01:15	FE-2	Transfer TVIS/RED/CEVIS/HRM data to MEC
01:15-02:15	FE-1,FE-2, CDR-16, FE-1- 16	Prep for Work
01:15-02:10	SFPVC	Prep for Work
02:10-02:25	SFPVC	MOP-M. Questionnaire
02:15-02:30	ISS-15, CDR-16, FE-1-16	Daily Planning Conference (<i>S-band</i>)
02:25-02:30	SFPVC	MUSCLE-M (LOW BACK PAIN) -Low Back Pain Questionnaire
02:30-03:00		DINNER
03:00-03:30		Daily food prep
03:30-04:30		Pre-sleep
04:30-13:30		SLEEP
Task List	FE-1	GSF-JAXA. TBY temperature monitoring (in the morning)

Note: See OSTP for references to US activities.

End of Radiogram