

Radiogram No. 7535nu

Form 24 for 04/18/08 (updated)

**SOYUZ 221 Undocking from FGB**

GMT	CREW	ACTIVITY
16:30-16:40	ISS17, FE-1, SFPVC	Morning Inspection
16:30-16:35	CDR, FE-2	Integrate Immune - CDR Liquid Saliva Sample Collection
16:35-17:10	CDR, FE-2	Post-sleep
16:40-17:10	SFPVC, ISS-17, FE-1	Post-sleep
17:10-18:00		BREAKFAST
18:00-18:30	SFPVC	Prep for Work
18:00-18:15	ISS16,17	Prep for Work
18:15-18:30	ISS16,17	Daily Planning Conference (S-band)
18:30-18:45	SFPVC	KAP01. Transfer SIS-1 kits from pnl 406 to Soyuz for return
18:30-18:45	ISS16,17	Prep for Work
18:45-19:00	CDR	Integrate Immune –Setup of Blood Sample collection hardware
18:45-18:50	CDR-17	Connect DCP power cable
18:50-19:50	SFPVC	KAP03. Bioreactor deactivation, close out ops, and transfer to Soyuz
19:00-19:20	CDR	Integrate Immune - Blood Sample Collection Operator
19:00-20:55	FE-1	Stow return equipment in Soyuz
19:00-19:20	FE-2	Integrate Immune - FE-2 1J/A Blood Sample Collection
19:00-19:15	FE-1-17	Immune historic photo documentation
19:10-19:20	CDR-17	KAP03. Bioreactor close out video
19:20-19:40	CDR	Integrate Immune - Blood Sample Collection
19:20-19:40	FE-2	Integrate Immune - Blood Sample Collection Operator
19:40-20:25	FE-2	IWIS Installation
19:40-19:50	CDR	Integrate Immune – Stow Blood Sample Collection Equipment
19:50-20:00	CDR	Integrate Immune – Stow Saliva Sample Collection Equipment
20:00-20:50	CDR	SLEEP – data download and Actiwatch initialization
20:00-20:05	SFPVC	SLEEP – SFP Actiwatch donning
20:25-21:25	FE-1-17	Physical Exercise (TVIS)
20:25-21:55	FE-2	Physical Exercise (RED)
20:55-21:25	FE-1	GLYCOPROTEID. MIMETIK-K. KAF. VACCINE. INTERLEUKIN. Transfer to Soyuz
21:25-21:40	FE-1	CRYSTALLIZER. Deactivation and transfer to Soyuz for return
21:25-21:40	FE-1-17	LAKTOLEN, ARIL, OЧБ. Bioecology kit transfer to Soyuz
21:40-22:40	CDR-17	Physical Exercise (TVIS)
21:40-21:50	FE-1-17	PLAZMIDA. Remove hardware from the thermostat (+4 C) and transfer to Soyuz
21:40-21:55	FE-1	SAMPLE. Putting together a kit for return on Soyuz
21:50-22:20	FE-1-17	BIOEMULSION. Prepare BIOCONT-T for return and transfer bioreactor
21:55-22:25	FE-1	GCF-JAXA. Hardware disassembly, photography and transfer to Soyuz
22:00-23:00	FE-2	Physical Exercise (CEVIS)
22:20-22:35	FE-1-17	CONJUGATION. Retrievals and transfers to Soyuz
22:25-22:45	FE-1	Transfer to Soyuz KB-03 container with IMMUNO results
22:40-22:50	CDR-17	VC Emergency Books (3 copies) Transfer from Soyuz 221 to Soyuz 222 <b>Report to MCC</b>

22:40-23:00	FE-1-17	IMS update
22:50-23:00	FE-1	Soyuz loading completion report (S-band)
23:00-00:00		LUNCH
00:00-00:30	FE-1-17	Thermostat Deactivation
00:00-00:40	FE-2	COЖ maintenance
00:00-00:30	CDR-17	Cryogem-03 deactivation and tear down
00:30-00:40	FE-1	Check and maintain comm from Soyuz using Russian ground sites Soyuz loading completion report (end)
00:40-00:55	FE-2	Hardware set up for hatch closure video recording via US assets
00:40-00:50	CDR-17	Comm config for Soyuz undocking and descent
01:00-02:00	CDR, FE-1	Soyuz 221 Activation and comm. Check from Soyuz via S-band
02:00-02:20	CDR, FE-1, CDR-17, FE-1-17 SFPVC	Soyuz-FGB Transfer Hatch Closure (ЗПЛ) TV PAO Hatch Closure via US assets
02:20-02:35	FE-2	TV PAO Hatch Closure downlink via US assets. Report to be recorded on DVCAM US
02:20-02:35	FE-2	TV PAO Hatch Closure downlink via Ku-band (Ku+S-band)
02:20-03:20	FE-1,CDR	Soyuz 221- FGB interface leak check
02:20-02:35	FE-1-17	Verify ИП-1 Flow Meter Positions
02:35-02:40	FE-2	HAM radio deactivation
03:05-04:05	FE-2	EarthKAM: setup, activation
03:20-08:40	CDR, FE-1, SFPVC	Soyuz ODF ops
04:50-05:10	FE-2	Nutrition - setting up hardware for urine collection
05:00-05:05	CDR-17	Disconnect Display and Control Panel (DCP) power cable
05:10-05:20	FE-2	Nutrition: hardware setup
05:25-05:30	CDR-17	Post-Soyuz undocking comm reconfig
05:25-05:30	FE-2	TVIS, RED, and HRM data transfer to MEC
05:30-05:35	CDR-17	<b>On MCC Go</b> Switch ПpK-Soyuz PEV to <b>CLOSED</b> position ( <i>After Soyuz 221 undocking</i> )
05:35-05:40	FE-2	Disconnect LTL jumper from LAB1D6 rack after CDRA deactivation
05:40-06:10	ISS-17, FE-2	Evening work prep
06:10-06:25	ISS-17, FE-2	Daily Planning Conference ( <i>S-band</i> )
06:25-06:50	FE-2, ISS-17	Evening work prep
06:50-07:20	FE-2, ISS-17	DINNER
07:20-07:50	ISS-17, FE-2	Daily food prep
07:50-08:45	FE-1-17, FE-2	Pre-sleep
07:50-08:35	CDR-17	Pre-sleep
08:35-08:45	CDR-17	Restore nominal comm config after Soyuz landing
08:45-06:00	FE-2, ISS-17	SLEEP

**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