

Radiogram No. 4159u

Form 24 for 09/23/10 - 09/24/2010

Soyuz 228 Undocking From MRM2

GMT	CREW	ACTIVITY
13:30-13:40	FE-1, FE-2, FE-3	Morning Inspection
13:30-13:35	CDR, FE-6	Integrated Immune Liquid Saliva Sample Collection
13:30-13:35	FE-5	Elektron-VM Aerosol Filter Inspection
13:35-13:40	CDR, FE-5, FE-6	Morning Inspection
13:40-14:10		Post-sleep
14:10-14:55		BREAKFAST
14:55-15:20		Daily Planning Conference (<i>S-band</i>)
15:20-15:40	FE-2	Work Prep
15:20-15:30	CDR, FE-6	Post-sleep
15:25-15:40	FE-3	POLYGENE Video of blocking fruit flies access to food
15:25-20:05	FE-1	Soyuz 228 Return Hardware Stowage
15:25-15:40	FE-5	POLYGENE Closeout Ops
15:30-15:55	FE-6	JPM1D3 Reconfiguration
15:30-15:45	CDR	Food Frequency Questionnaire
15:40-15:50	FE-5	POLYGENE Transfer of Hardware to Soyuz 228
15:40-15:50	FE-3	BIOEMULSION. Transfer to Soyuz 228
15:45-15:55	CDR	Closing USOS Window Shutters
15:50-16:05	FE-3	BIF Case removal from TBU (Universal Bioengineering Thermostatic Container) and Transfer to Soyuz 228
15:50-16:05	FE-5	ARIL. O4B. Removal from the thermostatic container (+4 deg C) and transfer to Soyuz 228
15:55-16:05	FE-6	Integrated Immune Saliva Collection Hardware Stow
15:55-16:00	FE-2	Biolab Temperature Check
15:55-16:15	CDR	WRM Condensate Pumping Start
16:05-16:20	FE-6	Integrate Immune -Configure Blood Sample Collection Hardware
16:05-16:35	FE-3	CASCADE placing Ice-Packs and bioreactor into BIOCONT-T for return
16:05-16:20	FE-5	CONJUGATION. Removal of Recomb-K from TBU and Transfer to Soyuz 228
16:20-16:40	FE-6	Integrated Immune Blood Sample Draw by Operator
16:20-16:40	CDR	Integrated Immune Blood Sample Draw
16:20-16:35	FE-5	ASTROVACCINE. Close-out Ops and Transfer to Soyuz 228
16:20-16:25	FE-2	Integrated Immune: History Documentary Photo
16:25-16:30	FE-2	Biolab Temperature Check
16:35-17:10	FE-5	Filling EDV [KOB] for Elektron
16:40-17:00	FE-6	Integrated Immune Blood Sample Draw
16:40-16:45	FE-2	Integrated Immune: History Documentary Photo
16:40-17:00	CDR	Integrated Immune Blood Sample Draw by Operator
17:00-18:30	CDR	Physical Exercise (ARED)
17:00-17:10	FE-6	IMMN Stowage

17:10-17:50	FE-5	COX Maintenance
17:15-17:30	FE-6	Food Frequency Questionnaire
17:30-18:30	FE-6	Physical Exercise T 2
17:50-18:50	FE-5	Physical Exercise (VELO), Day 3
18:30-20:00	FE-6	Physical Exercise (ARED)
18:30-18:40	CDR	SDTO T2 Harness Setup
18:40-19:40	CDR	Physical Exercise T 2
18:50-20:20	FE-5	Physical Exercise (TVIS), Day 3
19:40-19:50	CDR	SDTO T2 Inspection
19:50-20:00	CDR	SDTO T2 Harness Data Downlink
20:00-20:10	CDR	CWC Audit
20:05-20:20	FE-1	Soyuz 228 Stowage Completion Report and CA-BO Hatch Photo
20:10-20:20	CDR	WRM Condensate Pumping Terminate
20:15-20:20	FE-2	SLEEP Actiwatch Donning
20:20-21:20	.	LUNCH
21:20-21:30	FE-3	Comm config for Soyuz 228 Undocking and Descent
21:20-21:35	FE-5	Greeting to the Participants of the Event Dedicated to the 50th Anniversary of Independence of Cyprus / r/g 4189
21:20-22:20	FE-1	Soyuz 228 Activation
22:05-22:20	FE-6	G1 Camera Configuration Before 19S Hatch Closure
22:20-22:40	FE-1,FE-3,FE-5	On MCC Go Soyuz 228 - MRM2 Hatch Closure ISS-MCC-M Hatch Closure TV PAO (<i>Ku+S-band</i>).
22:20-22:40	CDR,FE-2,FE-6	ISS-MCC-M Hatch Closure TV PAO (<i>Ku+S-band</i>).
22:40-23:00	FE-5	IMS Update
22:40-22:50	FE-6	G1 Camera Reconfig After Hatch Closure
22:40-22:50	CDR	MARES Photo and Video Setup
22:40-23:40	FE-1	Soyuz 228 - MRM2 interface leak test after hatch closure
22:50-23:35	FE-6	MARES- Interface Setup (<i>Ku-band</i>)
23:00-23:10	FE-5	IZGIB -DAKON. Hardware Activation
23:20-23:25	FE-5	IZGIB -DAKON. Payload Status Check
23:40-05:05	FE-1, FE-2, FE-3	Soyuz 228 ODF Procedures
23:40-00:40	FE-5	RELAXATION Hardware Setup. <i>Tagup with specialists (S-band)</i>
23:45-00:20	CDR	Scheduled Maintenance of Compound Specific Analyzer- Combustion Products (CSA-CP)
23:50-00:05	FE-6	MARES - Connect Cable (<i>Ku+S-band</i>)
00:25-00:30	CDR	T2 Guide Installation
00:40-00:45	FE-5	MPC Power Up
00:45-01:05	FE-5	TV Downlink (Hatch Closure and Crew Farewell) (<i>Ku + S-band</i>)
01:05-01:10	FE-5	MPC Power Down
00:10-00:25	FE-6	MARES - Powerup (<i>Ku+S-band</i>)
00:30-00:45	FE-6	MARES - Disconnect Cable (<i>Ku+S-band</i>)

00:45-02:15	CDR, FE-6	MARES - Stowage (<i>Ku-band</i>)
01:50-02:00	FE-5	Soyuz 228 post- undocking comm reconfig
02:00-02:05	FE-5	On MCC Go Switch MRM2-TK PEV to CLOSED position
02:05-02:45	FE-5	Pre-sleep
02:45-03:00	CDR, FE-5 , FE-6	Daily Planning Conference (<i>S-band</i>)
03:00-04:45	CDR	Pre-sleep
03:00-03:20	FE-5	IZGIB -DAKON. Copy data to USB, clear archive, downlink data to the ground
03:00-03:30	FE-6	Evening Work Prep
03:25-03:30	FE-5	Elektron-VM Aerosol Filter Inspection
03:30-03:35	FE-6	MPC Power Up
03:30-03:35	FE-5	IZGIB-DAKON. Hardware Deactivation
03:35-05:25	FE-6	Pre-sleep
03:40-04:00	FE-5	RELAXATION Setting Up Hardware
04:00-04:10	FE-5	RELAXATION Observation
04:10-04:50	FE-5	RELAXATION Hardware Removal
04:45-04:50	CDR	Removal of T2 Alignment Guides
04:50-05:20	FE-5	Pre-sleep
05:20-05:30	FE-5	Monitor Temperature of Secondary Purification Unit after Elektron Activation / r/g 144
04:50-05:00	CDR	Pre-sleep
05:00-05:10	CDR	Restore nominal comm config after Soyuz 228 landing
05:10-05:30	CDR	Pre-sleep
05:25-05:30	FE-6	MPC Power Down
05:30-14:30	CDR, FE-5 , FE-6	SLEEP
Task List	FE-5	URAGAN Observations and Photography

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 ops: dinner, daily food prep, evening toilet

End of Radiogram