

Radiogram No. 4040u

Form 24 for 09/12/2010

PROGRESS 407 DOCKING TO SM AFT [AO]

GMT	CREW	ACTIVITY
06:00-06:05	CDR	Elektron-VM Aerosol Filter Inspection
06:00-06:05	FE-2	PRO K Urine PH Test
06:00-06:10	FE-3,FE-5	Morning Inspection
06:00-06:05	FE-4,FE-6	SLEEP Data Log Entry
06:05-06:10	FE-2	SLEEP Data Log Entry
06:05-06:10	CDR,FE-4,FE-6	Morning Inspection
06:10-06:40	.	Post-sleep
06:40-07:30	.	BREAKFAST
07:30-07:45	CDR,FE-3,FE-5	Daily Planning Conference (<i>S-band</i>)
07:30-08:30	FE-4	Marangoni Inside Core Installation
07:45-08:00	FE-3	Work Prep
07:45-08:15	CDR,FE-5	Work Prep
07:50-08:00	FE-2	Window Shutter Close
08:00-08:10	FE-3	BTX. Thermostatic containers activation - Cryogem-03 at +4 deg C and TBU at +29 deg C
08:25-08:30	FE-5	Switching Elektron-VM to 24A mode
08:30-10:00	FE-4	Installing MI into FPEF
08:30-09:30	FE-5	Physical Exercise (ARED)
08:30-09:30	FE-6	Physical Exercise T 2
08:35-08:40	FE-2	Activation of A31P Laptop
08:50-09:00	CDR	Monitoring TV signal on SSC1 Laptop during MPEG Streaming Test
09:00-10:00	FE-3	Physical Exercise (VELO), Day 4
09:30-09:35	FE-2	T2 Guide Installation
10:00-10:30	CDR,FE-3	Preparation for Progress 407 Docking
10:00-10:20	FE-5	KП-154M TV Camera Test - SONY HVR-Z1J Camcorder Prep
10:00-10:35	FE-4	Installing MI into FPEF
10:05-11:35	FE-6	Physical Exercise (ARED)
10:30-12:00	CDR,FE-3	Progress 407 Docking to SM AO
10:35-11:10	FE-4	Installing MI into FPEF
11:25-11:45	FE-4	FPEF Cable Connection
11:40-12:00	FE-5	Test Activation of KП-154M TV Camera
11:45-12:05	FE-4	Marangoni Stowage
12:05-13:05	.	LUNCH
13:05-13:45	FE-3	COЖ Maintenance
13:30-14:45	CDR	Progress 407 and SM AO Interface Leak Check
13:30-13:35	FE-2	PROK Diet Logging (Day 1)
13:40-14:10	FE-5	Downlink KП-154M TV camera test video (<i>Ku-band</i>)

13:45-14:05	FE-3	IMS Update
13:50-14:00	FE-4	CIR Alignment Guide Removal
14:35-14:40	FE-5	Switching Elektron-VM to 32A mode
14:40-15:40	FE-4	Physical Exercise (CEVIS)
14:45-15:05	CDR	Open ПpK-CY and CY-Progress 407 transfer hatches
14:45-15:45	FE-3	Physical Exercise (ARED)
15:00-15:15	FE-5	Progress 407 Air Sampling Using AK-1M Analyzer
15:05-15:25	CDR	Installation of QD Screw Clamps on SM AO/Progress 407 Interface
15:05-15:20	FE-2	Removal of test equipment used for Ku-band TV downlink (post-Progress docking)
15:15-15:35	FE-5	Photography of SM ACP-O Passive Docking Mechanism Cone (post-Progress 407 docking)
15:25-15:55	CDR	Progress 407 deactivation, air duct installation
15:35-15:55	FE-5	SM ACP-O Passive Docking Mechanism Cone Photo File Prep to Downlink
15:45-15:50	FE-6	MPC Power Up
15:50-17:20	FE-4	Physical Exercise (ARED)
15:55-16:55	CDR	Physical Exercise (VELO), Day 3
15:55-16:55	FE-5	Progress 407 Docking Mechanism Removal
16:20-17:20	FE-2	Physical Exercise T 2
16:55-18:25	FE-5	Progress 407 Unloading And IMS Updates
17:20-18:50	FE-2	Physical Exercise (ARED)
17:45-18:25	FE-3	Evening Work Prep
17:55-18:00	FE-6	MPC Power Down
18:25-18:40	CDR	BIF Pack from Container #8-1 Setup in TBU at +29 deg C
18:25-18:45	FE-5	CONJUGATION. Transfer from Soyuz and Set Up in Cryogem-03 at + 4 deg C
18:25-18:55	FE-3	CASCADE Transfer and Set Up Bioreactor in Cryogem-03 at +4 deg C
18:40-18:50	FE-6	SODI Equipment Transfer from Progress 407
18:40-18:55	CDR	ARIL. OЧБ. Transfer and Set Up the Contents of Bioecology Containers 9-1 and 8-4
18:45-19:05	FE-5	POLYGENE Hardware Transfer to SM panel 406
18:45-18:50	FE-4	HAM Radio Power Up
18:50-19:15	FE-2,FE-4,FE-6	Evening Work Prep
18:55-19:10	CDR	BIF ARIL. OЧБ. Photography During Insertion into Thermostatic Container
18:55-19:15	FE-3	BIOEMULSION. Transfer and Set Up Bioreactor #02 in Cryogem-03 at +4 deg C
19:05-19:15	FE-5	POLYGENE Photography while setting up the kit at the exposure location
19:10-19:15	CDR	Elektron-VM Aerosol Filter Inspection
19:15-19:40	.	Daily Planning Conference (S-band)
19:40-20:00	CDR,FE-2,FE-4	Evening Work Prep

19:40-19:50	FE-3	CRYSTALLIZER. Photography of JAXA-PCG Hardware
19:40-19:55	FE-5	CRYSTALLIZER. PCG Kit Transfer from Progress, Photography, Inspection, and Handover
19:40-20:35	FE-6	PCG Installation
19:50-20:00	FE-3	Evening Work Prep
20:00-22:00	CDR,FE-2,FE-3,FE-5	Pre-sleep
20:00-20:15	FE-4	Pre-sleep
20:15-20:30	FE-4	Private Family Conference
20:30-22:00	FE-4	Pre-sleep
20:35-20:45	FE-6	JAXA-PCG Closeout Ops
20:45-20:50	FE-6	Pre-sleep
20:50-21:05	FE-6	Private Family Conference
21:05-22:00	FE-6	Pre-sleep
22:00-06:00	.	SLEEP

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