

Radiogram No. 4393u

Form 24 for 10/22/2010

**ATTITUDE CONTROL THRUSTER [DO] INHIBIT. PURGING AND VENTING OF PROGRESS 405  
FUEL AND OXIDIZER REFILLING DEVICES (3YГ), (3YО)**

GMT	CREW	ACTIVITY
06:00-06:10	CDR, <b>FE-1</b> , <b>FE-5</b> , FE-6	Morning Inspection
06:00-06:05	<b>FE-2</b>	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-3	HRF Refrigerated Centrifuge Setup
06:05-06:10	<b>FE-2</b>	Morning Inspection
06:10-06:40	<b>FE-1, FE-2</b> , <b>FE-5</b>	Post-sleep
06:10-06:25	FE-6	HRF Blood Sample Draw Operator
06:10-06:15	CDR	Nutrition - history photo
06:10-06:30	FE-3	HRF Blood Sample Draw Subject
06:15-06:40	CDR	Post-sleep
06:25-06:40	FE-6	Post-sleep
06:35-06:45	FE-3	HRF - Centrifuge Configuration
06:40-07:30	<b>FE-1, FE-2</b> , <b>FE-5</b> , FE-6	BREAKFAST
06:40-07:20	CDR	BREAKFAST
06:45-07:15	FE-3	Post-sleep
07:15-07:20	FE-3	HRF - Centrifuge Spin Terminated
07:20-07:25	CDR	Nutrition - history photo
07:20-07:30	FE-3	Nutrition and Repository Blood Sample Insertion into MELFI
07:25-07:30	CDR	BREAKFAST
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
08:00-08:15		ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference ( <i>S-band</i> )
08:15-08:30	<b>FE-1, FE-2</b> , <b>FE-5</b>	IMS Tagup ( <i>S-band</i> )
08:15-08:35	CDR, FE-6	Work Prep
08:15-08:40	FE-3	BREAKFAST
08:30-08:45	<b>FE-2</b>	Work Prep
08:30-08:50	<b>FE-5</b>	Work Prep
08:30-08:45	<b>FE-1</b>	Work Prep
08:35-08:45	CDR	Disconnect LTL CDRA in NODE3
08:40-09:40	FE-6	Physical Exercise T 2
08:40-08:55	FE-3	HRF Blood Collection Hardware Stowage
08:45-10:05	<b>FE-1, FE-2</b>	Soyuz 701 RODF Conference ( <i>S-band</i> )
08:50-09:05	CDR	Food Frequency Questionnaire
08:55-09:55	FE-3	Crew time for ISS adaptation and orientation
09:05-10:05	<b>FE-5</b>	Removing Local Temperature Sensor Switching Unit ЛКТ (TA251МБ) in Progress 405. ( <b>Stow the removed ЛКТ in SM behind panel 314, bag 353-8, 00037141R. Update the IMS</b> )

09:05-10:35	CDR	Physical Exercise (ARED)
09:40-10:00	FE-6	HYDRO 4MEU Detachment
09:55-10:00	FE-3	Video Setup for PFE Footage
10:00-11:30	FE-3	Periodic Fitness Evaluation - Nom Ops (subject)
10:00-10:45	FE-6	HYDRO Saline Injection
10:05-11:35	<b>FE-1</b>	Physical Exercise (TVIS), Day 1
10:05-10:50	<b>FE-5</b>	Progress 405 activation, air duct removal
10:35-11:05	CDR	Periodic Fitness Evaluation - Nom Ops (assistance)
10:45-11:00	FE-6	HYDRO 2 MEU Attachment
10:50-11:10	<b>FE-5</b>	Remove and inspect quick-release screw clamps on the DC1 side
11:00-11:15	FE-6	HYDRO Experiment Ops
11:00-12:00	<b>FE-2</b>	Physical Exercise (VELO), Day 1
11:05-11:15	CDR	SDTO T2 Harness Setup
11:10-11:30	<b>FE-5</b>	DC1/Progress 405 Transfer Hatch Closure
11:15-12:15	CDR	Physical Exercise T 2
11:15-11:25	FE-6	VCAM Helium Valve Close
11:30-11:35	FE-3	Stowage of Equipment Used for PFE Video Shoot
11:30-12:30	<b>FE-5</b>	DC1-CY and CY-Progress 405 Hatch Leak Check
11:30-11:35	FE-6	BCAT5 Camera Checkout
11:35-12:05	<b>FE-1</b>	TVIS Monthly Maintenance
11:35-13:05	FE-6	Physical Exercise (ARED)
12:00-13:00	<b>FE-2</b>	Crew time for ISS adaptation and orientation
12:05-13:05	<b>FE-1</b>	Bag installation for returned PL at TK-CA location in Soyuz 701
12:05-13:05	FE-3	Physical Exercise (CEVIS)
12:15-12:25	CDR	SDTO T2 Inspection
12:25-12:35	CDR	SDTO T2 Harness Data Downlink
12:35-13:05	CDR	Psychological Evaluation Program (WinSCAT)
13:05-14:05	CDR, <b>FE-1</b> , <b>FE-2</b> , FE-3, FE-6	LUNCH
13:10-13:15	<b>FE-5</b>	MPC Power Up
13:15-13:25	<b>FE-5</b>	Downlink DC1/Progress 405 Interface Video ( <i>Ku + S-band</i> )
13:25-13:30	<b>FE-5</b>	MPC Power Down
13:30-14:30	<b>FE-5</b>	LUNCH
14:05-15:05	<b>FE-1, FE-2</b> , FE-3	CHeCS Medical Emergency Training
14:05-14:15	CDR	Glove Box (MSG) Activation
14:05-14:20	FE-6	Food Frequency Questionnaire
14:15-14:25	CDR	MSG - Equipement Check, Part 2
14:20-14:50	FE-6	ISS video tour
14:25-14:40	CDR	JPM - Gas Trap Valve Reconfiguration
14:40-14:50	CDR	PAO Hardware Setup
14:50-15:00	FE-6	USOS-SHUTTER-TRANSFER HATCH CLOSURE

14:50-15:00	CDR	Crew Prep for PAO
15:00-15:10	FE-6	HYDRO Retrieval From MELFI
15:00-15:20	CDR	PAO Event
15:05-15:45	<b>FE-2</b>	COX Maintenance
15:10-15:15	FE-6	HYDRO Leak Check
15:10-15:40	<b>FE-1</b>	SEINER Ocean Observations
15:15-15:30	FE-6	HYDRO 2 MEU Detachment From Micro-G
15:20-15:25	CDR	PAO Hardware Deactivation
15:30-15:45	FE-6	HYDRO 2 MEU Detachment
15:35-16:25	CDR	ICV Monitoring Prep
15:45-16:55	FE-6	HYDRO 4 Samples Fixation
15:45-17:15	FE-3	Physical Exercise (ARED)
15:55-16:05	<b>FE-1</b>	PAO Equipment Prep
16:05-16:15	<b>FE-1, FE-2, FE-5</b>	Crew Prep For PAO
16:15-16:35	<b>FE-1, FE-2, FE-5</b>	Downlink of <b>TV</b> Greetings: (Latyshev's 50th anniversary, participants of the celebration event dedicated to 70th anniversary of vocational education system, NII Graph's 50th anniversary) ( <i>Ku+S-band</i> )
16:25-17:25	CDR	Photosynth Ops
16:35-17:35	<b>FE-1</b>	Crew time for ISS adaptation and orientation
16:35-17:35	<b>FE-5</b>	Physical Exercise (VELO), Day 4
16:35-18:05	<b>FE-2</b>	Physical Exercise (TVIS), Day 1
16:55-17:05	FE-6	HYDRO MELFI Insertion
17:05-17:10	FE-6	Hydro -Label Removal from Box B
17:10-17:25	FE-6	Hydro - Stowage.
17:25-18:40	FE-6	ICV Monitoring Start
17:25-17:35	CDR	Terminate EMU Metox Regeneration
17:35-17:45	CDR	Start EMU Metox Regeneration
17:35-18:35	<b>FE-1</b>	Physical Exercise (ARED)
17:35-18:50	<b>FE-5</b>	Physical Exercise (TVIS), Day 4
17:40-17:50	FE-3	ICV Monitoring Start, Assistance
17:45-18:20	CDR	JPM - Gas Trap Valve Reconfiguration
18:05-18:15	FE-3	ICV Monitoring Start, <i>Assistance</i>
18:05-18:25	<b>FE-2</b>	IMS Update
18:15-18:35	FE-3	HRF Urine Hardware Setup
18:20-18:35	CDR	Evening Work Prep
18:25-18:45	<b>FE-2</b>	Evening Work Prep
18:35-18:50	<b>FE-1, FE-3</b>	Evening Work Prep
18:35-18:45	CDR	MSG - Equipement Check, Part 3
18:40-18:50	FE-6	Evening Work Prep
18:45-18:50	CDR	Glove Box (MSG) Powerdown
18:45-18:50	<b>FE-2</b>	Elektron-VM Aerosol Filter Inspection
18:50-19:15		Daily planning conference ( <i>S-band</i> ). <b>Verify closed covers on RS windows 6,8,9</b>

		<b>during Progress 405 3YΓ, 3YO purging and venting</b>
19:15-19:25	FE-3	Pre-sleep
19:15-19:30	CDR, <b>FE-1, FE-2, FE-5, FE-6</b>	Pre-sleep
19:25-19:30	FE-3	MPC Power Up
19:30-19:50		FD / ISS crew conference ( <i>S-band</i> )
19:50-20:05	CDR	Pre-sleep
19:50-21:30	<b>FE-1, FE-2, FE-5</b>	Pre-sleep
19:50-21:25	FE-3, FE-6	Pre-sleep
20:05-20:20	CDR	Private Family Conference
20:20-21:30	CDR	Pre-sleep
21:25-21:30	FE-6	ICV Makita Battery Swap
21:25-21:30	FE-3	MPC Power Down
21:30-06:00	.	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
  4. **No VELO Physical Exercise Allowed between 13:20-15:20 GMT**
  5. **No ARED/T2 Physical Exercise Allowed- 18:50-19:05**
- End of Radiogram