

Radiogram No. 2214u

Form 24 for 01/28/10

**SM 502 ОДУ [SM Integrated Propulsion System Oxidizer Tank 2] refilling from Progress 403 СД
Refueling System using compressor K2 to pump out nitrogen**

GMT	CREW	ACTIVITY
06:00-06:10	CDR, FE-1 , FE-5, FE-6	Morning Inspection
06:00-06:05	FE-4	PLASMA CRYSTAL-3 PLUS. ПК-3 PLUS EB Turbo-Pump Activation
06:05-06:15	FE-4	SONOCARD Experiment Termination
06:10-06:40	CDR, FE-1 , FE-6	Post-sleep
06:10-06:45	FE-5	Post-sleep
06:15-06:20	FE-4	Elektron-VM Aerosol Filter Inspection
06:20-06:30	FE-4	Morning Inspection
06:30-07:00	FE-4	Post-sleep
06:40-07:30	CDR, FE-1 , FE-6	BREAKFAST
06:45-06:50	FE-5	HAM Radio Setup
06:50-07:00	FE-5	HAM Radio Session
07:00-07:30	FE-5	BREAKFAST
07:00-07:50	FE-4	BREAKFAST
07:30-07:50	CDR, FE-1 , FE-5, FE-6	Work Prep
07:50-08:15		Daily Planning Conference (<i>S-band</i>)
08:15-08:45	CDR, FE-4	Photo skills training for the Shuttle R-Bar Pitch Maneuver
08:15-08:25	FE-5	Glove Box (MSG) Activation
08:15-09:15	FE-1	Vozdukh Repair and Recovry
08:25-09:55	FE-6	Physical Exercise (ARED)
08:25-09:40	FE-5	SODI. Stow IVIDIL Equipment
08:45-09:45	CDR	Physical Exercise T 2
08:45-08:50	FE-4	Downlink images obtained during RPM OBT
08:50-09:05	FE-4	SONOCARD Data Copy to RSE-MED Laptop and Data Downlink Using OCA
09:05-09:15	FE-4	MRM2 Comm Config before Plasma Crystal-3 Experiment
09:15-09:30	FE-1	MAI-75 Hardware activation <i>Tagup with specialists (S-band)</i>
09:15-09:35	FE-4	PLASMA CRYSTAL-3 PLUS. Hardware activation. <i>Tagup with specialists (S-band)</i>
09:35-10:00	FE-4	ISS-MCC TV PLASMA CRYSTAL-3 PLUS. Launch the experiment <i>Tagup with specialists (S-band + VHF)</i>
09:40-09:45	FE-5	Glove Box (MSG) Powerdown
09:40-09:45	FE-1	Plasma Crystal-3 Plus. Monitoring TV signal on display
09:45-10:15	CDR	Treadmill Harness Configuration
09:45-10:30	FE-1	PLASMA CRYSTAL-3 PLUS. Photo/video of the experiment
09:45-10:45	FE-5	HRF1 Work Station 2 Checkout
09:55-10:55	FE-6	Physical Exercise T 2
10:00-10:40	FE-4	PLASMA CRYSTAL-3 PLUS. Experiment Ops. <i>Tagup with specialists (S-band) /</i>

10:15-11:45	CDR	Physical Exercise (ARED)
10:40-11:10	FE-1, FE-4	Soyuz MEC Hard Line Comm check (<i>S-band</i>)
10:45-11:50	FE-5	Clean Bench (CB) Port Cap Reconnect
10:55-11:25	FE-6	Psychological Evaluation Program (WinSCAT)
11:10-11:30	FE-4	PLASMA CRYSTAL-3 PLUS. Experiment termination. <i>Tagup with specialists (S-band + VHF)</i>
11:25-11:40	FE-6	KU-band transmitter relocation and testing
11:25-12:55	FE-1	Physical Exercise (TVIS), Day 2
11:30-12:00	FE-4	PLASMA CRYSTAL-3 PLUS. Copying Data from the Hard Drive. <i>Tagup with specialists (S-band)</i>
11:40-12:55	FE-6	Water Process Assembly (WPA) Waste Water Tank Offload
11:55-12:05	FE-5	PAO Hardware Setup
12:05-12:15	FE-4	Comm system reconfig after Plasma Crystal-3 experiment
12:05-12:15	FE-5	Crew Prep for PAO
12:15-12:55	FE-4	RUSALKA. Configuration set up, PL adjustment, start copying
12:15-12:35	FE-5	PAO Event (<i>Ku+S-band</i>)
12:15-12:35	CDR	Acoustic Dosimeter Download
12:35-12:50	CDR	Food Frequency Questionnaire
12:35-12:45	FE-5	PAO Hardware Deactivation
12:45-13:00	FE-5	CDRA Work Prep
12:55-13:00	FE-1	MAI-75 Hardware Deactivation. <i>Tagup with specialists (S-band)</i>
12:55-13:55	CDR, FE-4 , FE-6	LUNCH
13:00-14:00	FE-1	LUNCH
13:00-13:55	FE-5	LUNCH
13:55-14:05	FE-4	RUSALKA. Terminate Data Copy and Downlink via OCA
13:55-15:55	CDR, FE-6	CDRA activation
13:55-14:20	FE-5	Dewey's Forest Plant Photography
14:00-15:50	FE-1	SM Ventilation System Preventive Maintenance. Group B1
14:05-15:05	FE-4	SM Ventilation System Preventive Maintenance (BB1PO, BB2PO)
14:20-14:50	FE-5	Psychological Evaluation Program (WinSCAT)
14:50-15:20	FE-5	HRF1-Work Station 2 Checkout (termination)
15:05-15:40	FE-4	COX Maintenance
15:20-15:45	FE-5	Printing out and making paper crafts
15:45-17:10	FE-5	Physical Exercise (ARED)
15:50-17:10	FE-1	Ventilation Grille Cleaning on FGB Interior Panels 116, 231, 316, 431
15:55-17:25	FE-4	Physical Exercise (TVIS), Day 3
15:55-17:55	CDR, FE-6	CDRA Removal
17:10-17:30	FE-1	Identify contaminated panels between FGB planes 2, 3, 4. (Report to MCC ID numbers of soiled panels)
17:10-18:10	FE-5	Physical Exercise T 2
17:25-18:25	FE-4	Physical Exercise (VELO), Day 3
17:30-17:50	FE-1	IMS Update

17:50-18:50	FE-1	Physical Exercise (ARED)
17:55-18:05	CDR	CWC Audit
18:00-18:30	FE-6	MSL SCA Exchange #2
18:05-18:45	CDR	OGS Water Delivery System (WDS) Reconfig
18:10-18:25	FE-5	Replace JPM Crew Quarters Bump Out after completion CDRA activities
18:25-19:00	FE-4	Evening Work Prep
18:25-19:05	FE-5	Evening Work Prep
18:30-18:40	FE-6	CIR Alignment Guide Removal
18:40-19:05	FE-6	Evening Work Prep
18:45-18:50	CDR	Repower PWD
18:50-19:05	CDR, FE-1	Evening Work Prep
19:00-19:05	FE-4	Elektron-VM Aerosol Filter Inspection
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-19:35	FE-5	MPC Power Up
19:30-21:25	FE-4	Pre-sleep
19:30-21:20	FE-1	Pre-sleep
19:30-21:30	CDR, FE-6	Pre-sleep
19:35-21:25	FE-5	Pre-sleep
21:20-21:30	FE-1	SONOCARD Experiment Start
21:25-21:30	FE-4	PLASMA CRYSTAL-3 PLUS. Deactivate ПK-3 PLUS Experiment Box Turbo Pump
21:25-21:30	FE-5	MPC Power Down
21:30-06:00		SLEEP
Task List	FE-4	Cleaning Nikon D3 Charge-Coupled Device (CCD) Digital Image Sensor

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