

Radiogram No. 2225u

Form 24 for 01/29/2010

Replacement of COTP ORU. Plasma Crystal

GMT	CREW	ACTIVITY
06:00-06:05	CDR	REACTION Self Test
06:00-06:10	FE-1	SONOCARD Experiment Termination
06:00-06:05	FE-4	PLASMA CRYSTAL-3 PLUS. ПK-3 PLUS EB Turbo-Pump Activation
06:00-06:05	FE-5	REACTION Self Test
06:00-06:05	FE-6	REACTION Self Test
06:05-06:10	CDR, FE-4 , FE-5, FE-6	Morning Inspection
06:10-06:40	CDR, FE-4 , FE-5, FE-6	Post-sleep
06:10-06:15	FE-1	Elektron-VM Aerosol Filter Inspection
06:15-06:40	FE-1	Post-sleep
06:40-07:30		BREAKFAST
07:30-07:40	CDR	MAKITA Battery Recharge
07:30-07:40	FE-1, FE-4 , FE-5, FE-6	Work Prep
07:40-07:55		ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference (S-band)
07:55-08:20	.	Daily Planning Conference (S-band)
08:20-08:40	CDR	Work Prep
08:20-08:35	FE-1	Work Prep
08:20-08:30	FE-5	Work Prep
08:20-08:50	FE-4 , FE-6	Crew Medical Restraint System (CMRS) - Checkout
08:30-08:45	FE-5	Change settings and reboot PWS2
08:35-08:45	FE-1	SONOCARD Copy Data to RSE-MED Laptop
08:40-08:50	CDR	CSA-CP Battery Changeout
08:45-09:15	FE-1	Searching for VOICE - VOICE-L1 and VOICE-R1 Connectors behind SM Panel 222 for Napor Experiment
08:45-09:45	FE-5	Physical Exercise T 2
08:50-09:00	CDR	CWC Audit
08:50-09:05	FE-4 , FE-6	Respiratory Support Pack Checkout
09:00-09:20	CDR	Acoustic Dosimeter Download
09:05-10:30	FE-6	Physical Exercise (ARED)
09:15-09:30	FE-1	MAI-75 Hardware activation <i>Tagup with Specialists (S-band)</i>
09:25-09:30	CDR	MAKITA Battery Swap/Recharge
09:25-09:35	FE-4	MRM2 Comm Config before Plasma Crystal-3 Experiment
09:30-10:30	CDR	Physical Exercise (CEVIS)
09:30-10:00	FE-1	Cleaning ГЖТ4 (Gas-Liquid Heat Exchanger) BT-7 Fan Screen
09:35-09:55	FE-4	PLASMA CRYSTAL-3 PLUS. Hardware activation
09:50-09:55	FE-5	JEMRMS RLT Activation
09:55-10:30	FE-4	ISS-MCC TV. PLASMA CRYSTAL-3 PLUS. Launch the experiment (Ku-band). <i>Tagup with specialists (VHF +S-band)</i>

09:55-10:25	FE-5	DOUG Review
10:00-10:05	FE-1	Plasma Crystal-3 Plus. Monitoring TV signal on display
10:05-10:10	FE-1	MAI-75. Monitor Video Streaming
10:10-11:10	FE-1	Cleaning ГЖТ4 (Gas-Liquid Heat Exchanger) BT-7 Fan Screen
10:25-11:40	FE-5	CBEF Fan Repair
10:30-12:00	CDR	Physical Exercise (ARED)
10:30-11:30	FE-4 , FE-6	CHeCS Medical Emergency Training
11:10-11:25	FE-1	IMS tagup <i>Tagup with specialists (S-band)</i>
11:30-11:35	FE-1	MAI-75. Monitor Video Streaming
11:30-11:50	FE-4	PLASMA CRYSTAL-3 PLUS. Experiment Termination
11:35-13:05	FE-1	Physical Exercise (TVIS), Day 3
11:40-12:00	FE-5	JRMS Activation
11:50-12:10	FE-4	Plasma Crystal-3 Plus. Copy data from the hard drive
11:50-12:05	FE-6	Food Frequency Questionnaire
12:00-12:05	CDR	MAKITA Battery Swap/Recharge
12:00-12:05	FE-5	ACU Mode Error Detection Inhibit
12:05-13:05	CDR, FE-5, FE-6	20A Transfer list review
12:10-12:55	FE-4	PLASMA CRYSTAL-3 PLUS. Hardware deactivation
12:55-13:05	FE-4	Comm system reconfig after Plasma Crystal-3 experiment
13:05-14:05		LUNCH
14:05-14:15	CDR	Integrated Immune Saliva Collection Kit Relocation
14:05-14:55	FE-4	Cleaning Nikon D3X Charge-Coupled Device (CCD) Matrix
14:05-14:20	FE-6	IMS Tagup (<i>S-band</i>)
14:05-14:35	FE-5	ICS Reconfig for Main Arm (MA) Maneuver
14:05-14:10	FE-1	MAI-75 Hardware Deactivation. <i>Tagup with Specialists (S-band) / r/g 2230</i>
14:10-17:10	FE-1	3R&R of KOБ2 loop 4CПH1 H1 Replaceable Pump Panel. <i>Tagup with specialists (S-band)</i>
14:15-14:20	CDR	MAKITA Battery Swap/Recharge
14:20-16:20	CDR, FE-6	CDRA Stowage Configuration
14:35-14:55	FE-5	Deck rack #2 clean up of floor panel stowed CBTs
14:55-15:35	FE-4	Filling (separation) of EDV [KOB] for Elektron
15:05-15:20	FE-5	Food Frequency Questionnaire
15:20-16:50	FE-5	Physical Exercise (ARED)
15:35-16:15	FE-4	COЖ Maintenance
16:15-17:45	FE-4	Physical Fitness Evaluation (on treadmill).
16:20-17:20	CDR, FE-6	CDRA Replacement
16:50-17:20	FE-5	ICS Reconfig for Main Arm (MA) Maneuver
17:10-18:10	FE-1	Physical Exercise (VELO), Day 3
17:20-18:20	CDR	JEM. IMV flow measurement
17:20-18:20	FE-6	Physical Exercise T 2
17:20-17:35	FE-5	ICS Reconfig for Main Arm (MA) Maneuver
17:35-18:10	FE-5	Biolab N2 pressure regulator adjustment

17:45-18:45	FE-4	Physical Exercise (ARED)
18:10-18:15	FE-5	Biolab Gas Bottle Valve check
18:10-18:30	FE-1	IMS Update
18:25-18:45	FE-6	Evening Work Prep
18:25-18:30	CDR	MAKITA Battery Stow
18:30-18:45	CDR	Evening Work Prep
18:30-18:35	FE-1	Elektron-VM Aerosol Filter Inspection
18:35-18:45	FE-1, FE-5	Evening Work Prep
18:45-19:10		Daily Planning Conference (<i>S-band</i>)
19:10-19:30	CDR, FE-1, FE-4, FE-6	Pre-sleep
19:10-19:25	FE-5	Pre-sleep
19:25-19:30	FE-5	MPC Power Up
19:30-19:50		Flight Director / ISS Crew Tagup (<i>Ku+S-band</i>)
19:50-20:00		Pre-sleep
20:00-20:20		Weekly Crew Conference with the ISS Program Management (<i>S-band</i>)
20:20-21:20	CDR, FE-5	Pre-sleep
20:20-21:30	FE-1, FE-4	Pre-sleep
20:20-21:25	FE-6	Pre-sleep
21:20-21:25	CDR	REACTION Self Test
21:20-21:25	FE-5	MPC Power Down
21:25-21:30	FE-5	REACTION Self Test
21:25-21:30	FE-6	REACTION Self Test
21:30-06:00	.	SLEEP
Task List	FE-1	PLANTS-2. Payload Status Check
	FE-4	Cleaning Nikon D3 Charge-Coupled Device (CCD) Matrix

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. **Tagup with specialists during activities with ПK-3 (S-band)**
- End of Radiogram