

Radiogram No. 674 u

Form 24 for 07/10/09

Plasma Crystal Experiment

GMT	CREW	ACTIVITY
06:00-06:10		Morning Inspection
06:10-06:40		Post-Sleep
06:40-07:30		BREAKFAST
07:30-07:45	CDR	On MCC Go: Regeneration of Micropurification Unit (БМП) Φ2 Absorption Cartridge (begin)
07:30-08:00	FE-1, FE-2, FE-3, FE-4, FE-5	Prep for Work
07:45-07:50	CDR	PLASMA CRYSTAL-3 PLUS. ПК-3 PLUS EB Turbo-Pump Activation / r/g 690
07:50-08:00	CDR	Prep for Work
08:00-08:25		Daily Planning Conference (<i>S-band</i>)
08:30-10:00	FE-5	Periodic Fitness Evaluation NOM OPS (subject)
08:30-08:45	CDR, FE-1, FE-2, FE-3, FE-4	ISS Crew and ГОГУ (RSA Flight Control Team) Weekly Conference (<i>S-band</i>)
08:45-10:45	CDR, FE-3	Consultation on Progress 402 Retry of Rendezvous with the ISS. <i>Tagup with specialists (S-band)</i>
08:45-10:15	FE-2	Physical Exercise (IRED)
08:45-10:00	FE-1	SLEEP Data Downlink and Initialization
09:05-09:35	FE-4	Periodic Fitness Evaluation NOM OPS (assistance)
10:00-11:00	FE-1	Physical Exercise (IRED)
10:00-10:15	FE-5	Columbus Portable Fan Removal
10:00-11:10	FE-4	Periodic fitness evaluation -Nom Ops (subject)
10:15-10:20	FE-5	EPM Laptop Setup and Activation
10:20-10:25	FE-5	ICV-CARDIO Equipment Prep
10:20-10:35	FE-2	Private Family Conference (<i>Ku + S-band</i>)
10:35-11:05	FE-5	Periodic Fitness Evaluation NOM OPS (assistance)
10:45-11:45	CDR	Physical Exercise (TVIS) Day 1
10:45-11:45	FE-3	Physical Exercise (VELO) Day 1
10:45-10:55	FE-2	Connect Ethernet Cable Between PLT and JPM-LAN
10:55-11:00	FE-2	PLT Activation
11:00-11:05	FE-1	Connect DCP Power Cable
11:00-11:05	FE-2	ELT Cycling
11:05-11:20	FE-2	Start PLT Test
11:10-11:15	FE-4	Determine Crew Consensus for Accessibility to Safety and Operational Equipment under WRS Closeout
11:20-11:35	FE-2	Start ELT Test
11:20-11:30	FE-1	LOCD Conference (<i>S-band</i>)
11:25-11:45	FE-5	EPM CDL Relocation
11:30-11:50	FE-1	LOCAD Hardware Set up
11:30-13:00	FE-4	Physical Exercise (IRED)
11:45-11:50	FE-5	P/TV Video Cable Configuration to Support TVIS Activities
11:45-12:45	FE-3	Troubleshooting RSE-MED Laptop and Cardiocassette-2000 <i>Tagup with specialists (S-band)</i>
11:45-12:15	CDR	Hygiene Procedures
11:50-13:00	FE-2	A/L Cooling Loop Scrubbing to Eliminate Biomass and Particulate Matter (start)

11:50-12:10	FE-1	LOCAD Portable Test System Media Preparation
11:50-12:50	FE-5	Physical Exercise (TVIS)
12:25-12:35	FE-1	LOCAD Swab Ops With Video
12:25-13:00	CDR	Configure Isthochnik Hardware, Install and C/O SW. <i>Tagup with specialists (S-band)</i>
12:50-12:55	FE-1	Electronic Nose (ENose) Circuit Breaker Open
12:50-13:00	FE-5	Stow Equipment after P/TV Ops with TVIS
12:55-13:00	FE-1	LOCAD Portable Test System (PTS) Phase 1 Data Recording Operations
13:00-14:00	.	LUNCH
14:00-14:55	FE-2	A/L Cooling Loop Scrubbing to Eliminate Biomass and Particulate Matter (Terminate)
14:00-14:10	FE-5	ISFA Fan Temperature Check Out
14:00-14:20	FE-1	Ku-band TV Downlink Configuration (preparation for docking)
14:00-14:40	FE-3	Ecosphere Charger Performance check <i>Tagup with specialists (S-band) /</i>
14:00-14:10	CDR	IMS Tagup <i>(S-band)</i>
14:10-14:20	FE-5	Initiate a Manual fill of the Waste and Hygiene Compartment (WHC) Flush Water Tank (EDV-SV)
14:10-16:00	CDR	PLASMA CRYSTAL. Set up and Conduct the Experiment in Manual Mode <i>Tagup with specialists (S-band + VHF)</i>
14:15-15:45	FE-4	PWD Troubleshooting
14:20-14:50	FE-5	Cardio Data Copy
14:30-14:40	FE-1	LOCAD Swab Ops with Video
14:40-15:10	FE-1, FE-3	Test Video Downlink via Ku-band (configuring TV System for Progress 402 Approach) <i>(Ku + S-band)</i>
14:50-14:55	FE-5	Auto Copy Files from CDL HD EPM Laptop and PCMCIA Card
14:55-15:00	FE-5	Configure WHC for Use after Manual Fill of EDV-SV Tank
14:55-15:10	FE-2	Food Frequency Questionnaire
15:00-15:05	FE-5	ICV-CARDIO Data Transfer
15:10-15:30	FE-2	Airlock PCS/SSCR Shell Swap
15:10-15:30	FE-3	IMS Update
15:10-15:15	FE-1	LOCAD Portable Test System (PTS) Phase 1 Data Recording Operations
15:15-15:20	FE-1	Photo/TV A31P Laptop Shutdown
15:15-15:25	FE-5	ICV-CARDIO Stowage
15:20-15:30	FE-1	LOCAD Swab Ops With Video
15:25-15:55	FE-5	CBEF. MEAS Ops
15:30-15:35	FE-1	The Crew Tries to Restart the Device and Verifies TCP-IP settings
15:30-16:45	FE-2	Waste and Hygiene Compartment (WHS) Urine Receptacle and Insert Filter Changeout
15:30-16:00	FE-3	Replacement of Urine Receptacle [MΠ] and Filter-Insert [Φ-B] in the Toilet [ACV].
15:45-16:50	FE-4	ICV-CARDIO Data Downlink
15:55-16:10	FE-5	CBEF Stow Equipment
16:00-16:05	FE-1	LOCAD Portable Test System (PTS) Phase 1 Data Recording Operations
16:00-17:00	FE-3	Physical Exercise (TVIS) Day 1
16:00-16:20	CDR	PLASMA CRYSTAL-3 PLUS. Experiment Termination / r/g 690
16:10-16:15	FE-5	Auto Copy Files from CDL HD EPM Laptop and PCMCIA Card
16:15-16:45	FE-5	POIC-ISS OCA NetMeeting Test
16:20-16:50	CDR	PLASMA CRYSTAL-3 PLUS. Copy and Downlink Data from the Hard Drive. <i>Tagup with specialists (S-band + VHF)</i>
16:25-16:35	FE-1	LOCAD Swab Ops with Video

16:35-16:50	FE-1	The Crew Tries to Restart the Device and Verifies TCP-IP settings
16:45-17:00	FE-5	Food Frequency Questionnaire
16:45-18:00	FE-2	Physical Exercise (TVIS)
16:50-17:20	FE-4	Health Maintenance System (HMS): Ultrasound Setup Part 1
16:50-17:50	CDR	Physical Exercise (VELO) Day 1
17:00-18:30	FE-5	Physical Exercise (IRED)
17:00-17:30	FE-3	TVIS Crew Hygiene
17:05-17:10	FE-1	LOCAD Portable Test System (PTS) Phase 1 Data Recording Operations
17:10-17:25	FE-1	LOCAD Portable Test System (PTS) Experiment Phase 1 Stow
17:20-17:30	FE-4	HRF Hard Drive Cleanup
17:25-17:30	FE-1	Crew Verifies Previously Set ENose TCP-IP Parameters
17:30-17:45	FE-4	Ultrasound Setup Part 2
17:30-17:45	FE-1	Food Frequency Questionnaire
17:35-18:25	FE-3	MATRYOSHKAR-BUBBLE-Dosimeter Initialization and Deployment For Exposure. <i>Tagup with specialists (S-band) as necessary</i>
17:45-18:45	FE-1, FE-4	Health Maintenance System (HMS) Ultrasound Scan (<i>Ku+S-band</i>)
17:50-18:30	CDR	COЖ Maintenance
18:00-18:05	FE-2	Terminate ELT Test
18:05-18:10	FE-2	Terminate PLT Test
18:10-18:15	FE-2	JPM PLT Deactivation
18:15-18:20	FE-2	Demate Cables between PLT and JPM-LAN. Stowage
18:20-18:25	FE-2	JPM ELT Deactivation
18:25-18:40	FE-2	Evening Work Prep
18:25-18:45	FE-3	MATRYOSHKAR. Monitoring Lulin-5 readings
18:30-18:45	CDR	Evening Work Prep
18:30-18:40	FE-5	TVIS Weekly Maintenance
18:40-18:45	FE-5	EXPRESS3 Rack SNFM Activation
18:40-18:45	FE-2	Transfer TVIS, CEVIS, and HRM data to MEC
18:45-19:10	.	Daily Planning Conference (<i>S-band</i>)
19:10-19:30	FE-1	Stow Ultrasound Equipment
19:10-20:10	CDR, FE-2, FE-3, FE-4, FE-5	Pre-sleep
19:30-20:10	FE-1	Pre-sleep
20:10-20:30		Flight Director / ISS Crew Tagup (<i>Ku + S-band</i>)
20:30-20:45	CDR	Regeneration of БМП Ф2 Absorption Cartridge (termination)
20:30-21:00	FE-1	Pre-Sleep
20:30-21:30	FE-2, FE-3, FE-4, FE-5	
20:45-21:25	CDR	
21:00-21:15	FE-1	Private Family Conference (<i>S-band</i>)
21:15-21:30	FE-1	Pre-sleep
21:25-21:30	CDR	PLASMA CRYSTAL-3 PLUS. Deactivate ПК-3 PLUS Experiment Box Turbo Pump
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: dinner, daily food prep, pre-sleep
- End of Radiogram