

Radiogram No. 0661u Form 24 for 11/05/2012

TKF 417 Offloading. Plazmennyi Kristall Experiment

TIME	CREW	ACTIVITY
06:00-06:05	FE-3	REMINDER - Reading Reminder
06:00-06:10	CDR, FE-6	Morning Inspection
06:00-06:05	FE-4	PLAZMENNIY KRISTALL. Pressure Check
06:00-06:10	FE-2	Morning Inspection. Reboot Laptop RS2(1) RSS1, RSS2 Reboot Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:00-06:10	FE-1	Morning Inspection. SM ПСС (Caution & Warning Panel) Test Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:05-06:10	FE-4	Morning Inspection. Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:05-06:25	FE-3	HRF Urine Sample Collection
06:10-06:40	CDR, FE-6, FE-1, FE-4, FE-2	Post-sleep
06:25-06:30	FE-3	HRF Urine Sample Insertion Into MELFI
06:30-06:45	FE-3	Morning Inspection
06:40-07:30	FE-1, FE-2, FE-4, FE-6	BREAKFAST
06:40-06:55	CDR	BREAKFAST
06:45-07:15	FE-3	HRF Blood Draw
06:55-07:10	CDR	HRF Blood Sample Draw (assistance)
07:10-07:40	CDR	BREAKFAST
07:15-07:25	FE-3	Post-sleep
07:25-07:35	FE-3	HRF - Centrifuge Configuration
07:30-07:40	FE-6, FE-2, FE-1, FE-4	Work Prep
07:40-08:05		Daily Planning Conference (<i>S-band</i>)
08:05-08:10	FE-3	HRF Closeout Ops with centrifuge
08:05-08:35	FE-6	USND2 - Setup and Hardware Activation
08:05-08:15	CDR	EHS Air Quality Monitoring (AQM) Start
08:05-08:15	FE-2, FE-4	Work Prep
08:05-08:50	FE-1	CASKAD. Removal from Thermostat and Setup in Glovebox. <i>Tag-up with specialists (S-band)</i>
08:10-08:20	FE-3	HRF - Sample Blood MELFI Insertion
08:15-08:20	CDR	Power Tool Battery Reconditioning
08:15-09:15	FE-4	Crew Departure Prep
08:15-09:00	FE-2	ASEPTIC Photo of Medium before the experiment
08:20-08:40	CDR	Work Prep

08:20-08:35	FE-3	HRF Blood Collection Hardware Stowage
08:35-09:00	FE-3	BREAKFAST
08:35-09:00	FE-6	Integrated Cardiovascular (ICV) Echo Ultrasound Scan Preparation
08:45-08:50	CDR	Power Tool Battery Reconditioning
08:50-09:00	FE-1	Work Prep
09:00-10:00	FE-6	ICV ECHO Setup
09:00-10:30	FE-3	Physical Exercise (ARED)
09:00-09:15	FE-1	ASEPTIC Experiment Photography
09:00-09:15	FE-2	ASEPTIC Setup in Glovebox. <i>Tagup with specialists (S-band)</i>
09:05-09:55	CDR	ICV - Echo Scanning Assistance
09:15-09:20	FE-2	ASEPTIC Activation of Bench Cleaning. <i>Tagup with specialists (S-band)</i>
09:15-09:55	FE-1	COX Maintenance
09:20-10:20	FE-2	Physical Exercise (TVIS), Day 3
09:20-09:25	FE-4	MRM2 Comm Config before Plazmennyi Kristall-3 Experiment
09:25-09:45	FE-4	PLAZMENNIY KRISTALL. Hardware Activation and Experiment Start. <i>Tagup with specialists (S-band)</i>
09:45-10:05	FE-4	PLAZMENNIY KRISTALL. Start and Monitor the Experiment. TV (ISS-MCC) <i>Tag-up with specialists (S-band)</i>
09:55-10:00	FE-1	PLAZMENNIY KRISTALL. Check TV signal on BKV Video Display
09:55-10:00	CDR	Power Tool Battery Reconditioning
10:00-10:15	CDR	Journal Entry
10:00-10:15	FE-1	CASKAD. Connect Thermostat Enclosure (KT) to PBC. <i>Tagup with specialists (S-band)</i>
10:00-10:10	FE-6	Ultrasound 2 - Data Transfer
10:10-10:55	FE-6	Vessel Imaging Ultrasound Scan Operations
10:20-10:30	FE-2	ASEPTIC Equipment Reconfig. <i>Tagup with specialists (S-band)</i>
10:20-11:50	FE-4	Physical Exercise (TVIS), Day 1
10:25-10:30	CDR	Power Tool Battery Reconditioning
10:30-11:30	CDR	Physical Exercise (CEVIS)
10:30-11:00	FE-2	Post-Exercise Hygiene Procedure
10:30-11:30	FE-1	Physical Exercise (ARED)
10:30-11:45	FE-3	PBA and PFE Inspection
10:55-11:05	FE-6	USND2 - Power Off Ultrasound 2 Hardware
11:00-11:30	FE-2	Crew time for ISS adaptation and orientation
11:05-11:30	FE-6	BLR48 - starting measurement
11:30-11:35	CDR	Power Tool Battery Reconditioning
11:30-11:35	FE-2	ASEPTIC Deactivate bench cleaning <i>Tagup with specialists (S-band)</i>
11:30-11:45	FE-6	IPU – hard drive R&R
11:35-12:05	FE-2	ASEPTIC Photo Edit and Downlink
11:35-12:25	FE-1	CASKAD. Bioreactor Refuel & Placement in KT & turn on. <i>Tagup with specialists (S-band)</i>

11:50-12:00	CDR	ECCO - Insertion of Cartridges into MELFI
11:40-11:50	CDR	COL - Deck Rack 2 Cleanup
11:45-13:15	FE-6	Physical Exercise (ARED)
11:50-12:10	FE-4	PLAZMENNIY KRISTALL. Experiment End. <i>Tag-up with specialists (S-band)</i>
12:00-12:05	CDR	Power Tool Battery Reconditioning
12:00-12:20	FE-3	HRF Urine Sample Collection
12:05-13:05	CDR	LUNCH
12:05-12:15	FE-2	CASCADE Photography
12:10-12:15	FE-4	Comm reconfig for nominal ops
12:15-12:45	FE-4	PLASMA CRYSTAL data copy from the hard drive
12:20-12:25	FE-3	HRF Urine Sample Insertion Into MELFI
12:20-12:45	FE-2	Crew time for ISS adaptation and orientation
12:25-12:45	FE-1	CASKAD. Deactivate KT and Setup Bioreactor in Cryogem-03 at +29 deg. C. <i>Tagup with specialists (S-band)</i>
12:25-13:25	FE-3	LUNCH
12:45-13:45	FE-1, FE-2, FE-4	LUNCH
13:05-13:10	CDR	Power Tool Battery Reconditioning
13:15-14:15	FE-6	LUNCH
13:20-13:25	CDR	EHS - Air Quality Monitor (AQM) End
13:25-13:35	FE-3	WRS Water Sample Analysis
13:30-13:35	CDR	Pro K – un-stow urine kit
13:35-13:40	CDR	Power Tool Battery Reconditioning
13:35-13:55	FE-3	HRF - Stow Urine Collection Equipment
13:40-14:00	CDR	HRF1 - Body Mass Measurement Equipment Setup
13:45-13:55	FE-2	CONYUGATSIYA. Removing Recomb-K Hardware from Thermostat. <i>Tagup with specialists (S-band)</i>
13:55-14:10	FE-1	ASEPTIC Experiment Photography
13:55-14:25	FE-2	ASEPTIC. Internal surface sampling and beginning of air sampling. <i>Tagup with specialists (S-band)</i>
13:55-14:25	FE-3	Crew time for ISS adaptation and orientation
14:00-14:10	CDR	HRF1 - Body mass measurement.
14:10-14:40	FE-4, FE-1 (Handover)	Auxiliary Laptop (BKC) Anti-Virus Update
14:10-14:40	CDR	Crew Preparation for return
14:25-14:35	FE-3	HRF1 - Body mass measurement.
14:35-14:50	FE-2	CONYUGATSIYA. Process activation, placement in Cryogem-03M at +29 deg. <i>Tagup with specialists (S-band)</i>
14:35-15:05	FE-3	Crew time for ISS adaptation and orientation
14:35-14:45	FE-6	HRF1 - Body mass measurement.
14:40-14:45	CDR	Power Tool Battery Reconditioning

14:45-15:10	FE-4	Bringing ODF up to date using TKF 417delivered files
14:50-15:15	FE-2	
14:45-15:05	CDR	SLAMMD Equipment Stow
14:50-15:50	FE-1	MATRYOSHKA-R BUBBLE-dosimeter gathering and readings. <i>Tagup with specialists (as necessary, S-band)</i>
15:10-17:10	FE-4	TKK 417 Transfers and IMS Ops (TRITEL and other US cargo items)
15:10-15:15	CDR	Power Tool Battery Reconditioning
15:15-16:15	CDR	Crew Preparation for return
15:15-16:10	FE-3	WRS Sample Collection
15:25-17:05	FE-2	CONSTANTA. Setup, Photo/Video, Session 1. <i>Tagup with specialists (S-band)</i>
15:35-15:40	FE-6	G1 Camcorder Setup and Start Downlink
15:40-18:00	FE-6	NANO STEP – Replacement of CL2 with CL3
15:50-16:10	FE-1	CONSTANTA. Experiment Photos
16:10-17:40	FE-1	Physical Exercise (TVIS), Day 4
16:15-16:20	CDR	Power Tool Battery Reconditioning
16:20-16:45	CDR	Crew Preparation for return
16:20-16:25	FE-3	TOCA Data Recording
16:25-16:35	FE-3	TOCA Potable Water Dispenser (PWD) Sample Analysis
16:45-16:50	CDR	Power Tool Battery Reconditioning
16:50-17:20	CDR	Crew preparation for return
16:55-17:20	FE-3	Potable Water Collection for In-Flight Chemical and Microbial Analysis
17:10-17:25	FE-2	CONYUGATSIYA. Termination of the activation process <i>Tagup with specialists (S-band)</i>
17:10-18:10	FE-4	Physical Exercise (TVIS), Day 3
17:20-18:50	CDR	Physical Exercise (ARED)
17:20-18:20	FE-3	Physical Exercise (CEVIS)
17:25-17:30	FE-2	ASEPTIC. Monitoring Pump Automatic Shut off. <i>Tagup with specialists (S-band)</i>
17:40-18:40	FE-1	Crew time for ISS adaptation and orientation
17:45-18:00	FE-2	ASEPTIC. Retrieving samples from box and placing in thermostat. <i>Tagup with specialists (S-band)</i>
18:00-18:05	FE-6	G1 Closeout Ops
18:00-18:55	FE-2	Physical Exercise (VELO), Day 3
18:05-19:05	FE-6	Physical Exercise T2
18:10-19:00	FE-4	TVIS Quarterly Maintenance
18:20-19:05	FE-3	Evening Work Prep
18:40-19:05	FE-1	Evening Work Prep
18:50-18:55	CDR	Power Tool Battery Reconditioning
18:55-19:05	CDR	Start EMU METOX Regeneration
18:55-19:05	FE-2	CONYUGATSIYA. Set up in thermostat at +4 deg C

19:00-19:05	FE-4	PLAZMENNIY KRISTALL. Pressure Check
19:05-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-19:40	FE-3	TOCA 2 Data Recording
19:30-21:30	FE-2, FE-4, FE-1	Pre-sleep
19:30-21:15	FE-6	Pre-sleep
19:40-21:30	FE-3	Pre-sleep
19:40-19:45	CDR	P/TV Playback Start
19:45-21:15	CDR	Pre-sleep
21:15-21:30	FE-6	DK-EEG – Start measurement
21:15-21:20	CDR	Power Tool Battery Reconditioning
21:20-21:25	CDR	REMINDER-PROK DIET-C. Review
21:25-21:30	CDR	P/TV Playback Stop
21:30-06:00		SLEEP
Task List	FE-1, FE-2, FE-4	Preparation of reports for Roskosmos site
	FE-4	ECON Observations and Photography
		URAGAN Observations and Photography
	FE-1	IMS Update

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: daily food prep, dinner, pre-sleep
 4. **No Physical Exercise Allowed on Unisolated Equipment 14:00 - 14:40 (GMT)**
- End of Radiogram