

Radiogram No. 0219u

Form 24 for 09/12/2012

Matryoshka-R Experiment. Pnevmo-card Experiment. PCE Control Command Test

GMT	CREW	ACTIVITY
06:00-06:10	CDR	IMMUNO. Saliva Sample (Session 1)
06:00-06:10	FE-2	Morning Inspection
06:00-06:10	FE-4	Morning Inspection. SM ПСС [Caution & Warning Panel] Test
06:00-06:05	FE-5	Reaction Self Test
06:00-06:05	FE-3, FE-6	Urine Spot Test
06:05-06:25	FE-3	HRF Urine Sample Collection Subject
06:05-06:10	FE-5	Morning Inspection
06:05-06:10	FE-6	Reaction Self Test
06:10-06:20	CDR	IMMUNO. First stress test, questionnaire data entry
06:10-06:20	FE-4	Post-sleep
06:10-06:40	FE-2, FE-5	Post-sleep
06:10-06:30	FE-6	Post-sleep
06:20-06:35	CDR	IMMUNO. Venous blood collection
06:20-06:35	FE-4	IMMUNO. Assistance in the Experiment
06:25-06:35	FE-3	HRF Urine Sample Insertion Into MELFI
06:30-06:55	FE-6	BREAKFAST
06:35-06:55	CDR	IMMUNO. Venous blood sample processing (smear)
06:35-06:40	FE-3	Reaction Self Test
06:35-06:50	FE-4	IMMUNO. Venous blood sample processing using Plasma-03 centrifuge
06:40-07:25	FE-2	BREAKFAST
06:40-06:50	FE-3	Morning Inspection
06:40-06:55	FE-5	BREAKFAST
06:50-07:20	FE-3	Post-sleep
06:50-06:55	FE-4	IMMUNO. Sample Handover for MELFI Insertion
06:55-07:00	CDR	IMMUNO. Equipment Stowage
06:55-07:10	FE-4	ON MCC GO БМП Φ1 Absorption Cartridge Regeneration (start)
06:55-07:05	FE-5	IMMUNO - Blood Sample Insertion into MELFI
06:55-07:05	FE-6	HAM Radio Session Setup
07:00-07:35	CDR	BREAKFAST
07:05-07:35	FE-5	BREAKFAST
07:05-07:20	FE-6	HAM Radio Session
07:10-07:35	FE-4	BREAKFAST
07:20-07:35	FE-3	BREAKFAST
07:25-07:35	FE-2	CASKAD. Manual Mixing in Bioreactor
07:25-07:35	FE-6	Audio Dosimeter Preparation
07:35-07:55		Daily Planning Conference (<i>S-band</i>)
07:55-08:05	CDR, FE-2	Work Prep

07:55-08:20	FE-3	BREAKFAST
07:55-08:05	FE-4	BREAKFAST
07:55-08:55	FE-5, FE-6	HTV Pressurized Logistic Carrier Vestibule Demating
08:05-09:10	CDR	PNEUMOCARD Experiment
08:10-09:10	FE-2	Partial Lights Deinstallation in MRM2. <i>Tagup with specialists (S-band)</i>
08:25-08:35	FE-3	RWS Setup
08:05-08:25	FE-4	Work Prep
08:35-08:45	FE-3	Closing USOS Window Shutters
08:45-10:10	FE-3	Physical Exercise (ARED)
08:45-09:45	FE-4	Physical Exercise (TVIS), Day 3
08:55-10:55	FE-5	Depress the vestibule between HTV and Node2
08:55-09:25	FE-6	HTV Hardware Command Panel (HCP) Setup
09:10-09:50	CDR	Take a measurement of БМП ПКФ catalytic cartridge
09:25-09:45	FE-6	HTV Hardware Command Panel (HCP) Self-check
09:45-11:00	FE-2	Physical Exercise (TVIS), Day 2
09:45-10:45	FE-6	Centerline Berthing Camera System (CBCS) Installation and Checkout
09:50-10:50	CDR	Physical Exercise T 2
10:10-10:50	FE-3	Surface Sampling And Analysis (T+5)
10:50-11:05	CDR	Post-Exercise Hygiene Procedure
10:55-11:40	FE-3	Node 2 Nadir CBM Demate
11:00-12:00	FE-2	Connecting patch cable for СД 301 Light and De-installing of СД1-7 Light in SM ACY. <i>Tagup with specialists (S-band)</i>
11:05-11:45	FE-4	VIZIR. Experiment
11:40-12:00	FE-3	HRF Urine Sample Collection Subject
11:55-12:50	CDR	Departure Prep Time
11:55-12:05	FE-6	PAO Hardware Setup
12:00-13:00	FE-2	Pre-pack SM Spare Lights for Disposal
12:00-13:00	FE-4	MATRYOSKA-R. BUBBLE-Dosimeter Initialization and Deployment for Exposure
12:00-12:05	FE-3	HRF Urine Sample Insertion Into MELFI
12:05-13:05	FE-3	Departure Prep Time
12:05-12:15	FE-6	Crew Prep for PAO
12:05-12:15	FE-5	WRS Water Sample Analysis
12:15-13:00	FE-5	WRS Sample Collection
12:15-12:35	FE-6	PAO Event
13:00-14:00		LUNCH
14:00-14:10	FE-2	FAZA. Photo Ops
14:00-14:40	FE-4	Filling (separation) EDV (KOV) for Elektron <i>from CWC #1086</i>
14:00-16:00	CDR	MATRYOSKA-R. Retrieve Detectors from Phantom Set
14:00-14:05	FE-6	PROK Diet Logging (Day 1)

14:00-14:45	FE-5	Potable Water Collection for In-Flight Chemical and Microbial Analysis
14:05-14:10	FE-3	PROK Diet Logging (Day 2-4)
14:10-14:40	FE-2	FAZA. Closeout Ops
14:10-14:30	FE-3	HRF Urine Sample Collection Subject
14:30-14:35	FE-3	HRF Urine Sample Insertion Into MELFI
14:40-15:10	FE-2	ASEPTIC. Photography of samples after incubation
14:40-15:20	FE-4	COX Maintenance
14:40-14:50	FE-3	HRF Blood Collection Hardware Setup
14:45-14:55	FE-5	TOCA Data Recording
14:50-15:10	FE-6	HRF Urine Collection Hardware Setup
14:50-15:05	FE-3	ICV Ambulatory Monitoring End
15:10-15:25	FE-2	ASEPTIC Photo Edit and Downlink
15:10-15:20	FE-3, FE-6	MSS HTV Release Setup
15:20-15:50	FE-3, FE-6	HTV Departure Preparations
15:20-15:50	FE-4	Counter Measure System (CMS) Harmful Contaminant Measurements in SM
15:25-15:35	FE-2	CASKAD. Switching TBU Setting to +4 deg C
15:35-16:35	FE-2	Departure Prep Time
15:50-16:20	FE-4	AOK ГAHK-4M Data Readout
15:50-16:25	FE-3, FE-6	HTV - SSRMS Release Monitoring
16:00-16:10	CDR	MATRYOSHKA-R. P/L Deployment Locations Photography / r/g 0255
16:00-17:20	FE-5	WMK In-Flight Water Processing
16:20-16:35	FE-4	ИП-1 Flow Sensor Position Verification
16:25-17:40	CDR	Physical Exercise (TVIS), Day 3
16:25-16:35	FE-3	RWS Teardown
16:25-17:25	FE-6	Physical Exercise (T2)
16:35-17:05	FE-2	VZAIMODEISTVIYE. Experiment Ops (FE-2)
16:40-17:40	FE-4	Physical Exercise (VELO), Day 3
16:45-17:00	FE-3	Private Medical Conference
17:20-17:30	FE-3	HAM Radio Setup in SM
17:20-18:20	FE-5	Physical Exercise (T2)
17:30-17:45	FE-3	HAM Radio Session with Marcelino Canina School in Puerto Rico
17:35-18:15	FE-6	HTV Control Panel Inhibit and Stow
17:40-18:00	CDR	IMS Update
17:40-18:55	FE-2	Physical Exercise (ARED)
17:40-18:20	FE-4	IDENTIFICATION. Copy IMY-L micro-accelerometer data to laptop
17:45-17:50	FE-3	RWS CUP Monitoring Camcorder Deactivation and Stowage
17:50-18:10	FE-3	HRF Urine Sample Collection Subject
18:10-18:15	FE-3	HRF Urine Sample Insertion Into MELFI
18:15-18:25	CDR	IMMUNO. Saliva Sample (Session 2)

18:15-19:15	FE-3	Physical Exercise (T2)
18:15-18:45	FE-6	Centerline Berthing Camera System (CBCS) Installation and Checkout
18:25-18:35	CDR	IMMUNO. Second stress test, questionnaire data entry
18:25-19:15	FE-4	Evening Work Prep
18:35-18:40	CDR	IMMUNO. Final Equipment Stowage
18:45-19:15	CDR, FE-5	Evening Work Prep
18:45-19:15	FE-6	Evening work prep
18:55-19:05	FE-2	CASKAD. Manual Mixing in Bioreactor
19:05-19:15	FE-2	Evening Work Prep
19:15-19:35		Daily Planning Conference (<i>S-band</i>)
19:35-21:15	FE-6	Pre-sleep
19:35-21:30	CDR, FE-2	Pre-sleep
19:35-21:20	FE-3	Pre-sleep
19:35-21:05	FE-4	Pre-sleep
19:35-21:25	FE-5	Pre-sleep
21:05-21:20	FE-4	БМП Φ1 Absorption Cartridge Regeneration (termination)
21:15-21:20	FE-6	HRF Urine Collection Hardware Stowage
21:20-21:25	FE-6	REMINDER Experiment Procedure Review
21:20-21:25	FE-3	Reaction Self Test
21:20-21:30	FE-4	SONOCARD Experiment Start
21:25-21:30	FE-6	Reaction Self Test
21:25-21:30	FE-3	REMINDER - Generic Blood Collection
21:25-21:30	FE-5	Reaction Self Test
21:30-06:00		SLEEP
Task List	CDR, FE-4	ECON Observations and Photography
		Photography of disaster area
	CDR, FE-2, FE-4	Preparation of reports for Roskosmos site
	FE-2, FE-4	Personal IPad Setup for Operation with new WPA2 through SM WAP Encryption

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 T2 Exercise allowed between 13:15-14:20**
 5. **No Exercise is allowed between 11:00-13:25, 15:50-16:25**
- End of Radiogram