

Radiogram No. 972u

Form 24 for 08/21/09

**Science Experiments. Initial Activation of ACH-M in SW Version 8.03**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	FE-1, FE-4, FE-5	Morning Inspection
06:00-06:05	FE-2	SLEEP Data Log for FE-2
06:00-06:10	<b>FE-3</b>	Self-Propagating High-Temperature Synthesis [CBC]. Terminate Video Camera Battery Charge
06:00-06:10	<b>CDR</b>	BAR. Terminate Kelvin Charge
06:05-06:10	FE-2	Morning Inspection
06:10-06:40	FE-1, FE-2, <b>FE-3</b> , FE-4, FE-5	Post-sleep
06:10-06:30	<b>CDR</b>	Post-sleep
06:30-07:15	<b>CDR</b>	BREAKFAST
06:40-07:30	FE-1, FE-2, <b>FE-3</b> , FE-4, FE-5	BREAKFAST
07:15-07:30	<b>CDR</b>	БМП Φ2 Absorption Cartridge Regeneration (start)
07:30-07:55	.	Daily Planning Conference ( <i>S-band</i> )
07:55-08:10	FE-2	Food Frequency Questionnaire
07:55-08:10	FE-1	Work Prep
07:55-08:15	FE-4	JEMRMS Laptop Terminal Card Reconfig
07:55-08:15	<b>FE-3</b> , FE-5	Work Prep
08:10-08:25	FE-2	Work Prep
08:10-08:25	FE-1	Food Frequency Questionnaire
08:15-08:30	FE-5	WRS Equipment Access
08:25-08:40	<b>CDR</b> , FE-1, FE-2, <b>FE-3</b> , FE-4	ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference ( <i>S-band</i> )
08:30-09:00	FE-5	WRS Hose QD Config
08:40-10:10	FE-2	Periodic Fitness Evaluation - Nom Ops (subject)
08:40-11:10	<b>FE-3</b>	Photo/Video Audit
08:40-10:10	<b>CDR</b>	Health Check of Condensate Pump [FSH3]. <i>Tagup with specialists (S-band)</i>
08:40-10:10	FE-1	Actiwatch Data Upload and Initialization
09:00-09:15	FE-5	WRS Closeout Ops
09:05-10:35	FE-4	Physical Exercise (ARED)
09:15-09:45	FE-5	Periodic Fitness Evaluation - Nom Ops (assistance)
09:45-10:30	FE-5	Laptop Cable Connection
10:10-10:20	FE-1	Set up Equipment for Transfer from RS to Columbus
10:10-11:10	FE-2	Physical Exercise (CEVIS)
10:10-10:20	<b>CDR</b>	KUBIK Removal and Passing to FE1
10:20-10:50	FE-1	KUBIK 1 Reconfig
10:20-11:10	<b>CDR</b>	Photo/Video Audit

10:30-12:00	FE-5	Physical Exercise (ARED)
10:35-10:50	FE-4	JEMRMS Final Activation of Main Arm
10:50-11:00	FE-4	Seed Cable Connection
11:00-12:30	FE-1, FE-4	Robotics Major Task Review
11:10-11:25	<b>CDR, FE-3</b>	IMS Tagup ( <i>S-band</i> )
11:20-11:40	FE-2	EMU Poppet SCU Inspection
11:30-12:30	<b>CDR</b>	Physical Exercise (TVIS), day 4
11:30-12:00	<b>FE-3</b>	CMO Proficiency Training
11:40-12:00	FE-2	CHECS Rack Smoke Detector Scavenge
12:00-12:05	FE-5	ALTEA Dosimeter Deactivation
12:00-13:00	<b>FE-3</b>	Physical Exercise (VELO), day 3
12:00-12:30	FE-2	CHECS Rack RPCM Scavenge
12:15-12:35	FE-5	TEPC Relocation
12:30-13:00	FE-1, FE-4	Robotics Major Task Review
12:30-13:00	<b>CDR</b>	Hygiene Procedures
12:30-13:00	FE-2	Atmosphere Control Assembly (OGA) Hydrogen Sensor ORU Purge Adapter (HOPA) Operations
12:40-12:45	FE-5	Columbus VCA1 Prep
12:45-13:00	FE-5	Human Research Facility-1 Rack Tilt Preparation
13:00-14:00		LUNCH
14:00-16:00	FE-1	Troubleshooting Agricultural Camera
14:00-14:15	FE-5	Food Frequency Questionnaire
14:00-14:20	<b>CDR</b>	IMS Update
14:00-14:10	FE-2	Plant Experiment Unit (PEU) Program File Installation
14:10-14:30	FE-4	Access to OGS Rack
14:15-14:40	FE-5	HRF1 Rack Tilt Down
14:20-15:30	<b>FE-3</b>	Self-Propagating High-Temperature Synthesis [CBC]. Hardware Setup. <i>Tagup with specialists (S-band)</i>
14:20-14:25	FE-2	JEMRMS Deactivation Preparation
14:20-14:55	<b>CDR</b>	COX Maintenance
14:30-16:30	FE-4	In-flight Maintenance (IFM)
14:40-15:00	FE-5	HRF1 Rack Tilt Down
15:00-16:00	FE-5	Command and Measurement Unit (CMU) 1 Remove and Replace
15:05-15:15	FE-2	ARED Guide Rail Inspection
15:15-15:30	FE-2	ARED Cylinder Flywheel Evacuation
15:20-16:00	<b>CDR</b>	Scheduled Maintenance of Elektron Liquid Unit #056 Using Spare Part Kit
15:30-16:30	<b>FE-3</b>	Self-Propagating High-Temperature Synthesis [CBC]. Experiment Ops and Cleanup. <i>Tagup with specialists (S-band)</i>
15:30-17:00	FE-2	Physical Exercise (ARED)
16:00-16:05	<b>CDR</b>	Self-Propagating High-Temperature Synthesis [CBC]. Photography of Experiment
16:00-17:00	FE-1	Physical Exercise (TVIS)
16:05-17:05	<b>CDR</b>	Physical Exercise (VELO), day 4

16:05-17:05	FE-5	Physical Exercise (CEVIS)
16:30-17:00	FE-4	OGS Closeout after Maintenance
16:30-16:50	<b>FE-3</b>	MATRYOSKA-R. Monitoring Lulin-5 Readings
16:50-17:00	<b>FE-3</b>	TVIS Weekly Maintenance
17:00-18:00	<b>FE-3</b>	Physical Exercise (TVIS), day 3
17:00-18:00	FE-2	Crew Departure Prep
17:00-17:30	FE-4	MLT Laptop Terminal Cable Connection
17:00-18:30	FE-1	Physical Exercise (ARED)
17:05-17:20	FE-5	Post CMU1 Closeout Ops
17:15-17:30	<b>CDR</b>	HAM Radio Session with the Lima University Faculty and Students
17:20-17:45	FE-5	HRF1 Rack Tilt Down
17:30-18:30	FE-4	Physical Exercise (CEVIS)
17:40-18:30	<b>CDR</b>	Evening Work Prep
17:45-18:10	FE-5	HRF1 Rack Tilt Down
18:00-18:30	<b>FE-3</b>	Hygiene Procedures
18:00-18:30	FE-2	Evening Work Prep
18:10-18:25	FE-5	HRF1 Restow
18:30-18:55		Daily Planning Conference ( <i>S-band</i> )
19:05-19:25		Flight Director / ISS Crew Tagup ( <i>Ku + S-band</i> )
19:25-20:00	<b>CDR</b>	Pre-sleep
19:25-19:30	FE-4	Transfer TVIS, CEVIS, and HRM data to MEC
19:30-20:00	FE-2	Pre-sleep
19:30-21:30	FE-1, <b>FE-3</b> , FE-4, FE-5	Pre-sleep
20:00-20:15	<b>CDR</b>	Regeneration of БМП Φ2 Absorption Cartridge (termination)
20:00-20:15	FE-2	
20:15-21:30	<b>CDR</b>	Pre-sleep
20:15-21:25	FE-2	Pre-sleep
21:25-21:30	FE-2	MPC Power Down
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR,FE-3</b>	URAGAN. Observations and Photography

**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, evening toilet

End of Radiogram