

**Test of PCE, PCE Antenna Feeder (AΦY), and ATV Control Panel Commands**

TIME	CREW	ACTIVITY / ODF or r/g
06:00-06:15	FE-5	PROK - Urine Sample Collection
06:00-06:10	<b>CDR</b>	Morning Inspection. Laptop RS2(1) Reboot
06:00-06:10	FE-6	Morning Inspection
06:00-06:10	<b>FE-2</b>	MO-8. Setup
06:00-06:10	<b>FE-4</b>	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:05	FE-3	PROK - Urine Sample Collection
06:05-06:10	FE-3	REMINDER- read reminders
06:10-06:20	<b>CDR, FE-2, FE-4</b>	Calf Volume Measurement
06:10-06:40	FE-6	Post-sleep
06:10-06:30	FE-3	HRF Urine Sample Collection and Scanning
06:15-06:30	FE-5	Post-sleep
06:20-06:30	<b>FE-2</b>	Morning Inspection. RSS1, RSS2 Reboot Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:20-06:25	<b>CDR</b>	Body Mass Measurement
06:25-07:10	<b>CDR</b>	SPRUT-2. Setup for experiment and measurement session. <i>Tagup with specialists (S-band)</i>
06:25-06:30	<b>FE-4</b>	Body Mass Measurement
06:30-06:35	FE-5	
06:30-06:35	FE-3	HRF - Urine Sample MELFI Insertion
06:30-06:45	<b>FE-2</b>	Post-sleep
06:30-06:55	<b>FE-4</b>	
06:35-07:05	FE-5	
06:35-06:40	FE-3	Body Mass Measurement
06:40-06:45	FE-6	
06:40-06:50	FE-3	Post-sleep
06:45-06:55	FE-6	BREAKFAST
06:45-06:50	<b>FE-2</b>	Body Mass Measurement
06:50-07:00	<b>FE-2</b>	MO-8. Cleanup
06:50-07:15	FE-3	HRF- centrifuge activation
06:55-07:15	FE-6	HRF- blood sample draw – operator
06:55-07:30	<b>FE-4</b>	BREAKFAST
07:05-07:40	FE-5	BREAKFAST
07:05-07:40	<b>FE-2</b>	SPRUT-2. Measurement and Closeout Ops. <i>Tagup with specialists (S-band)</i>
07:10-07:40	<b>CDR</b>	Post-sleep
07:15-07:25	FE-3	BREAKFAST
07:15-07:40	FE-6	BREAKFAST
07:25-07:35	FE-3	HRF- cooling centrifuge config
07:30-07:40	<b>FE-4</b>	Work Prep
07:35-07:40	FE-3	BREAKFAST

07:40-08:05	.	Daily Planning Conference (S-band)
08:05-08:20	<b>FE-2</b>	Post-sleep
08:05-08:15	<b>FE-4</b>	Work Prep
08:05-08:35	<b>CDR</b>	BREAKFAST
08:05-08:15	FE-5,FE-6	BREAKFAST
08:05-08:10	FE-3	HRF- blood samples retrieval from centrifuge and its deactivation
08:10-08:20	FE-3	HRF - Urine Sample MELFI Insertion
08:15-10:30	<b>FE-4</b>	TK 709 Transfers and IMS Ops
08:15-08:35	FE-5,FE-6	Work Prep
08:20-08:35	FE-3	Work Prep
08:20-09:10	<b>FE-2</b>	BREAKFAST
08:35-08:50	FE-3,FE-5, FE-6	ARED Flywheel Cylinder Evacuation
08:35-08:45	<b>CDR</b>	Work Prep
08:45-11:45	<b>CDR</b>	Gather equipment for water separation with membrane filter-separator (MΦP)
08:50-10:25	FE-3,FE-6	ISS 36 Crew Handover
09:00-09:15	FE-5	Private Medical Conference
09:10-09:20	<b>FE-2</b>	URAGAN. Photo Spectral System Battery Charge (begin)
09:15-10:00	FE-5	Z1 - Gather stowed items
09:20-11:30	<b>FE-2</b>	Gather Water separation equipment with membrane filter-separator (MΦP)
10:00-11:30	FE-5	Physical Exercise (ARED)
10:30-11:30	<b>FE-4</b>	БД-2 Exercise - Day 3
10:35-10:55	FE-6	JSL - UOP1 connection
10:35-10:45	FE-3	WRS – water sample analysis
11:05-12:05	FE-6	Physical Exercise (CEVIS)
11:25-11:40	FE-3	HRF- cooling centrifuge and hardware setup
11:30-12:50	<b>FE-2</b>	Physical Exercise (VELO), Day 3
11:30-12:30	FE-5	Physical Exercise T2
11:30-11:45	<b>FE-4</b>	Exercise data downlink
11:40-11:50	FE-3	EMU METOX regeneration -termination
11:45-12:45	<b>CDR</b>	БД-2 Exercise - Day 4
11:45-12:45	<b>FE-4</b>	Crew time for ISS adaptation and orientation
11:55-13:25	FE-3	Physical Exercise (ARED)
12:05-12:15	FE-6	Checkout of SSC Server Connection with Portable Workstation 1 (PWS1)
12:15-12:25	FE-6	Portable Workstation 1 (PWS1) Telecommand and Telemetry Checkout
12:25-12:45	FE-6	JSL - UOP1 Disconnection
12:30-13:30	FE-5	LUNCH
12:45-13:45	<b>CDR,FE-4,</b> FE-6	LUNCH
12:50-12:55	<b>FE-2</b>	<b>ON MCC GO</b> ISS Repress with Oxygen from ТКГ 419 (Aft ) CpПК Section 1 (begin)
12:55-13:55	<b>FE-2</b>	LUNCH
13:25-14:25	FE-3	LUNCH

13:30-13:45	FE-5	PROK - Diet Log ops
13:45-15:50	<b>CDR,FE-4, FE-5,FE-6</b>	Integrated Emergency Hardware Familiarization. <i>Tagup with specialists (S-band)</i>
13:55-14:00	<b>FE-2</b>	ISS O2 Repress from ТКГ 419 (Aft) CpПK Section 1 On MCC Go (terminate)
14:10-15:20	<b>FE-2</b>	URAGAN. Observation and Photography using FSS. <i>Tagup with specialists (S-band)</i>
14:25-14:35	FE-3	PROK- photography and data copying
14:35-15:05	FE-3	BCAT - Sample initialization and photography
15:05-15:25	FE-3	HRF- hardware stowage after experiment completion
15:35-15:45	FE-3	TOCA 2 – data recording
15:50-16:00	<b>CDR,FE-4, FE-5,FE-6</b>	Integrated Emergency Hardware Familiarization Conference (S-band)
16:00-17:15	<b>FE-4</b>	Physical Exercise (VELO), Day 3
16:00-17:00	FE-6	Crew time for ISS adaptation and orientation
16:00-17:30	<b>CDR</b>	Physical Exercise (ARED)
16:00-16:30	<b>FE-2,FE-5</b>	Test 1 of PCE, PCE antenna feeder (AΦY), ATV control panel commands. <i>Tagup with specialists (S-band)</i>
16:20-16:35	FE-3	S/G 3 and S/G 4 comm check
16:30-17:30	FE-5	Crew time for ISS adaptation and orientation
16:30-17:40	<b>FE-2</b>	БД-2 Exercise - Day 3
16:40-16:50	FE-3	Configuration for condensate evacuation
17:00-17:20	FE-6	Evening Work Prep
17:10-18:10	FE-3	Physical Exercise T2
17:20-17:35	FE-6	Private Medical Conference
17:30-17:35	FE-5	Space Headaches - Daily Questionnaire
17:30-18:05	<b>CDR</b>	COЖ Maintenance.
17:30-18:00	<b>FE-4</b>	CA-325 monoblock R&R prep at Regul-OS work station 1
17:35-17:45	FE-5	MELFI - Refrigerator external inspection
17:35-19:05	FE-6	Physical Exercise (ARED)
17:40-17:45	<b>FE-2</b>	Comm config for КЛ-154M TV camera test command from ATV Control Panel and Laptop using MPEG-2 encoder prior to ATV docking to ISS
17:45-18:45	<b>FE-2,FE-5</b>	КЛ-154M TV camera test commands from ATV Control Panel and Laptop using MPEG-2 encoder prior to ATV docking to ISS. <i>Tagup with specialists (S-band)</i>
18:00-18:10	<b>FE-4</b>	LCS. Activate RSE-LCS laptop to start data recording
18:10-18:40	FE-3	Evening Work Prep
18:15-19:05	<b>CDR,FE-4</b>	Evening Work Prep
18:45-19:05	FE-5	Evening Work Prep
18:45-18:50	<b>FE-2</b>	Restore Nominal Comm Configuration
18:50-19:05	<b>FE-2</b>	Evening Work Prep
19:05-19:30		Daily Planning Conference (S-band)
19:30-21:30	<b>CDR,FE-4</b>	Pre-sleep
19:30-21:25	FE-5,FE-6	Pre-sleep
19:30-21:20	<b>FE-2</b>	Pre-sleep
19:30-19:35	FE-3	P/TV Playback Start

19:35-21:20	FE-3	Pre-sleep
21:20-21:30	<b>FE-2</b>	BAR Pyren Charging Start
21:20-21:25	FE-3	BCAT4 - reminder
21:25-21:30	FE-5,FE-6	BCAT4 - reminder
21:25-21:30	FE-3	P/TV Playback Stop
21:30-06:00	.	SLEEP
<b>Task List</b>	<b>CDR,FE-2, FE-4</b>	ECON-M. Observations and Photography
		Preparation of reports for Roskosmos site
		URAGAN Observations and Photography
	<b>CDR</b>	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. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
  5. **Do not use ISS RS windows at 20:10 - 20:25 and 23:25 - 23:40**
  6. **For hi-beta angles the crew powers off all Auxiliary Computer System (BKC) Laptops which are not in use**
- End of Radiogram