

**ATV3 RFS TANKS PRESSURIZATION**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	<b>CDR</b>	MO-8 setup
06:00-06:05	<b>FE-1</b>	PLAZMENNYI KRISTALL. Pressure Check
06:00-06:10	<b>FE-2,</b> FE-3,FE-5,FE-6	Morning Inspection
06:05-06:10	<b>FE-1</b>	Morning Inspection
06:10-06:20	<b>CDR</b>	Morning Inspection. <b><i>SM ПСС [Caution &amp; Warning Panel] Test Inspection of CM-Y connector on MHP-HC pump behind ACY panel 139.</i></b>
06:10-06:15	FE-3	Post-sleep
06:10-06:30	FE-6	Post-sleep
06:10-06:25	<b>FE-1</b>	Post-sleep
06:10-06:20	<b>FE-2</b>	Calf Volume Measurement
06:10-06:15	FE-5	Body Mass Measurement
06:15-06:20	FE-3	Body Mass Measurement
06:15-06:40	FE-5	Post-sleep
06:20-06:30	<b>CDR</b>	Calf Volume Measurement
06:20-06:40	FE-3	Post-sleep
06:20-06:25	<b>FE-2</b>	Body Mass Measurement
06:25-06:30	<b>FE-1</b>	Body Mass Measurement
06:25-06:50	<b>FE-2</b>	Post-sleep
06:30-06:35	<b>CDR</b>	Post-sleep
06:30-06:40	<b>FE-1</b>	Calf Volume Measurement
06:30-06:35	FE-6	Body Mass Measurement
06:35-06:40	<b>CDR</b>	Body Mass Measurement
06:35-06:40	FE-6	Post-sleep
06:40-06:55	<b>FE-1</b>	Post-sleep
06:40-06:50	<b>CDR</b>	MO-8. Cleanup
06:40-07:30	FE-3,FE-5,FE-6	BREAKFAST
06:50-07:00	<b>CDR</b>	Post-sleep
06:50-07:30	<b>FE-2</b>	BREAKFAST
06:55-07:30	<b>FE-1</b>	BREAKFAST
07:00-07:30	<b>CDR</b>	BREAKFAST
07:30-07:55	.	DPC (S-band)
07:55-08:25	FE-3	IFM – TCS Maintenance Procedure Review
07:55-08:05	<b>FE-2</b>	Work Prep
07:55-08:05	FE-5	EHS Air Quality Monitoring (AQM) Start
07:55-08:15	<b>CDR,FE-1,FE-6</b>	Work Prep
08:05-08:15	<b>FE-2</b>	BAR Initiate Battery Charge TTM-2
08:10-08:40	FE-5	ULTRASOUND 2 – Equipment Setup and Power On
08:15-08:45	FE-6	TOCA GLS Changeout
08:15-09:15	<b>CDR,FE-1,FE-2</b>	Procedure Review and Prep for ECK-7,5 Channel B Test. <i>Tagup (S-band)</i>

08:25-09:25	FE-3	IFM Potable Water Reservoir (PWR) Gather
08:40-09:10	FE-5	Departure Prep
08:55-09:05	FE-6	TOC/TIC TOCA lower level calibration
09:05-09:10	FE-6	T2 Cue card Pen and Ink
09:10-10:10	FE-6	Physical Exercise (T2)
09:10-09:35	FE-5	Integrated Cardiovascular Echo Ultrasound Pre-Scan
09:15-09:20	<b>FE-1</b>	FAZA. Photography Ops
09:15-10:30	<b>FE-2</b>	Physical Exercise (ARED)
09:25-11:40	FE-3	ITCS FSS Installation
09:35-10:30	<b>CDR,</b> <b>FE-1</b> assist	LBNP Exercise (PRELIMINARY) <i>Tagup (S-band)</i>
09:35-10:05	FE-5	Departure Prep
10:05-11:05	FE-5	ICV ECHO Setup
10:10-11:00	FE-6	ICV Echo Scanning assist
10:30-11:30	<b>FE-2</b>	SM ПФ1-4 Dust Filter Cartridge Replacement ( <b>ФГБ1ПГО_2_224_1, bag 411-14 (two cassettes remaining), bag 00050788R. Update IMS)</b> )
10:40-11:40	<b>FE-1</b>	Physical Exercise (VELO), Day 1
11:00-11:10	FE-6	TOCA 2 Data Recording
11:05-11:15	FE-5	USND2-Data transfer to Ultrasound 2
11:10-13:00	FE-6	US Hardware Prepack for Return on 29S
11:15-11:45	FE-5	WHC EDV-U retrieval and R&R
11:20-11:40	<b>CDR</b>	Air Heater Fan [БВН] Screen Cleaning in TK 703
11:40-13:10	FE-3	Physical Exercise (ARED)
11:40-12:00	<b>CDR</b>	Tightening 3ББ on DC1- Progress #415 docking interface
11:40-12:10	<b>FE-2</b>	SSC antivirus software update
11:40-12:40	<b>FE-1</b>	LUNCH
11:50-12:35	FE-5	VI image scanning for the experiment
12:00-12:40	<b>CDR</b>	COЖ Maintenance
12:10-13:10	<b>FE-2</b>	LUNCH
12:35-12:50	FE-5	USND2 activation
12:40-13:40	<b>CDR</b>	LUNCH
12:40-12:45	<b>FE-1</b>	Comm config to support voice comm from MRM2 during the experiment
12:45-14:35	<b>FE-1</b>	<b>Video ISS- MCC-M</b> ( <i>Russian ground site+ Ku-band</i> ) PLAZMENNYI KRISTALL. Experiment ops in semi-automatic (manual) mode. <i>Tagup (VHF+S-band)</i>
12:50-13:50	FE-5	LUNCH
13:00-14:00	FE-6	LUNCH
13:10-13:15	<b>FE-2</b>	PLAZMENNYI KRISTALL. Monitoring video signal on BKY video monitor
13:10-14:10	FE-3	LUNCH
13:20-13:35	<b>FE-2</b>	PLASMA CRYSTAL Experiment Photos
13:40-14:00	<b>CDR</b>	IMS update
13:50-14:00	FE-5	PAO Hardware Prep
14:00-15:00	FE-6	ICV Monitoring Prep
14:00-14:10	FE-5	Crew Prep for PAO
14:00-16:00	<b>CDR,FE-2</b>	БАР Experiment <i>Tagup (S-band)</i>

14:10-14:30	FE-5	PAO
14:10-14:20	FE-3	MSG Activation
14:30-14:35	FE-5	Shutting down T2 software to transfer data
14:35-14:55	<b>FE-1</b>	PLASMA CRYSTAL Experiment Termination
14:45-14:55	FE-5	EHS - Air Quality Monitor (AQM) End
14:55-15:00	<b>FE-1</b>	Comm reconfig in MRM2 for Nominal Ops
15:00-15:30	<b>FE-1</b>	PLASMA CRYSTAL data copy from the hard drive
15:00-16:20	FE-3	BASS Hardware Setup for the Experiment
15:00-16:15	FE-6	ICV Monitoring Start
15:15-15:25	FE-5	ICV Start Operator Assist
15:30-16:50	<b>FE-1</b>	KONSTANTA. Prep and Execute, Cassette #3-6. <i>Tagup (S-band)</i>
15:35-15:40	FE-5	Display Power down
15:40-15:50	FE-5	ICV Start of Operator Assist
15:50-16:05	FE-5	PMC
16:00-17:15	<b>FE-2</b>	Physical Exercise (TVIS), Day 4
16:00-17:30	<b>CDR</b>	Physical Exercise (ARED)
16:05-16:35	FE-5	Tank Refill (WSTA)
16:15-16:25	FE-6	ICV - 10-Minute Resting Event
16:30-17:50	FE-3	BASS Fan Test and Calibration
16:35-17:30	FE-5	Physical Exercise (T2)
16:50-16:55	<b>FE-1</b>	FAZA. Photography Ops
17:15-17:30	FE-6	Journal Entry
17:15-18:15	<b>FE-2</b>	MATRYOSKA-R. BUBBLE-dosimeter detector initialization and deployment for exposure. <i>Tagup (as necessary)</i>
17:15-18:45	<b>FE-1</b>	Physical Exercise (TVIS), Day 1
17:30-17:35	<b>CDR</b>	Hematocrit Hardware Setup.
17:30-19:00	FE-6	Physical Exercise (CEVIS)
17:35-19:05	FE-5	Physical Exercise (ARED)
17:45-18:45	<b>CDR</b>	Departure Prep
17:50-18:50	FE-3	Physical Exercise (T2)
18:15-18:40	<b>FE-2</b>	Crew Medical Officer (CMO) Proficiency Training
18:45-19:05	<b>CDR,FE-1,FE-2</b>	Evening Work Prep
18:50-19:00	FE-3	MSG powerdown
19:00-19:05	FE-6	ICV-3H MAKITA Battery Changeout
19:05-19:30	.	DPC ( <i>S-band</i> )
19:30-21:30	<b>FE-2,FE-3,FE-5</b>	Pre-sleep
19:30-19:35	FE-6	P/TV Playback Start
19:30-21:25	<b>FE-1</b>	Pre-sleep
19:30-21:20	<b>CDR</b>	Pre-sleep
19:35-21:20	FE-6	Pre-sleep
21:20-21:25	FE-6	ICV-3H MAKITA Battery Changeout
21:20-21:30	<b>CDR</b>	BAR TTM-2 charge terminate
21:25-21:30	FE-6	P/TV Playback Stop
21:25-21:30	<b>FE-1</b>	PLAZMENNYI KRISTALL. Pressure Check

21:30-06:00	.	SLEEP
<b>Task List</b>	<b>CDR,FE-1,FE-2</b>	Preparation of reports for Roskosmos site
	<b>CDR,FE-1</b>	ECON. 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 ops: daily food prep, dinner, pre-sleep
- End of Radiogram