

Radiogram No. 3956u

Form 24 for 07.29.02

**Correction of БИHC Using PUMA Optical Instrument (Training) • PLASMA CRYSTAL  
Payload Ops • Restart of ЦБМ**

GMT	Crew	Activity
06:00–06:10	CDR, FE-1	Morning inspection
06:00–06:05	FE-2	
06:05–06:10	FE-2	PLASMA CRYSTAL-3: turbo pump activation
06:10–06:25	FE-1	Post-sleep
06:10–06:20	FE-2	Setup for MO-8
06:10–06:20	CDR	Calf volume measurement
06:20–06:35		Body mass measurement
06:20–06:40	FE-2	Post-sleep
06:25–06:35	FE-1	Calf volume measurement
06:35–06:50		Body mass measurement
06:35–07:05	CDR	Post-sleep
06:40–06:50	FE-2	Calf volume measurement
06:50–07:05		Body mass measurement
06:50–07:05	FE-1	Post-sleep
07:05–07:55	CDR, FE-1	BREAKFAST
07:05–07:15	FE-2	MO-8: closeout ops
07:15–07:25		Post-sleep
07:25–08:15		BREAKFAST
07:55–08:30	CDR, FE-1	Prep for work
08:15–08:30	FE-2	
08:30–08:45		Daily planning conference ( <i>S-band</i> )
08:45–08:55	FE-2	Prep for work
	FE-1	Microgravity Science Glovebox (MSG) activation
08:45–10:30	CDR	Inspection of SM shell in SM Work Compartment behind panels 130, 134, 135, 138, and TVIS
08:55–09:05	FE-2	DVCAM battery charge
08:55–09:15	FE-1	SUBSA: placement of specimen
09:05–11:35	FE-2	Collection of water samples from CPB-K and/or CBO-3B
09:15–09:35	FE-1	SUBSA: payloads ops (steps 1-7) 3 <sup>rd</sup> run
09:35–10:35		Physical exercise (TVIS)
10:30–11:00	CDR	Smoke Detector ИДЭ-2 А4: cable continuity check
10:35–11:05	FE-1	Maintenance of RED bolts
11:00–12:00	CDR	Physical exercise (TVIS-2)
11:05–11:15	FE-1	SUBSA: payloads ops (step 8) w/ crew participation
11:15–11:30		Routine inspection of RED
11:30–13:00		Physical exercise (RED)
12:15–12:20	CDR	Inspection of БРПК-2 separator
12:20–12:40		Correction of БИHC using PUMA optical instrument (backup)

12:20–12:50	FE-2	PLASMA CRYSTAL-3: software update / tagup with ground specialist ( <i>S-band</i> )
12:40–13:10	CDR	Dismounting of PUMA optical instrument
13:00–13:05	FE-1	Weekly maintenance of TVIS
13:05–14:00		Water Microbiology Kit (WMK): in-flight sample processing
13:05–14:05	FE-2	Physical exercise (TVIS-2)
13:10–13:50	CDR	Maintenance of COЖ
13:50–14:10		Repress of ISS with O2 from Progress CРПК system ( <b>on MCC GO</b> )
14:05–14:15	FE-1	SUBSA: VCR reconfig (crew)
14:15–15:15		LUNCH
15:20–15:40	CDR, FE-2	ISS/MCC TV link: downlink of previously recorded video of RS ventilation setup ( $T_0=15:16:20$ , $T_1$ , $T_2$ , $T_3$ activated from the Automated Daily Timeline (СПП), $T_0(\text{backup})=16:52:06$ )
15:20–15:30	FE-1	Daily payload status check
15:30–16:10		IMS file prep
15:40–17:10	CDR, FE-2	Installation of Strength Trainer on ББ-3 Veloergometer
16:10–16:40	FE-1	Defibrillator test
16:40–17:10		Microbiology analysis ( $T + 5$ )
17:10–17:30		Transfer of microbiology sample data to MEC
17:10–18:40	CDR	Physical exercise (TVIS + active rest day 2)
	FE-2	Physical exercise (VELO+RED day 2)
17:50–18:20	FE-1	Test of ATU1, ATU2 voice comm panels in LAB
18:25–18:55		Daily plan review
18:40–18:55	CDR	
18:40–19:00	FE-2	SPRUT-K Experiment: Laptop 3 config
18:55–19:25	CDR, FE-1	Report prep
19:00–19:25	FE-2	
19:25–19:40		Daily planning conference ( <i>S-band</i> )
19:40–19:45	FE-2	PLASMA CRYSTAL-3: turbo pump deactivation
19:40–20:10	CDR, FE-1	DINNER
19:45–20:10	FE-2	
20:10–20:30		Daily food prep
20:30–21:30		Pre-sleep
21:30–06:00		SLEEP

**Note:**

See OSTP for references to US activities

End of radiogram