

Radiogram No. 8659u Form 24 for 09/30/08

**Progress Unloading. The EXPERT Experiment**

GMT	CREW	ACTIVITY
06:00-06:10		Morning Inspection
06:10-06:20	FE-1	Calf Volume Measurement
06:10-06:30	FE-2	Post-sleep
06:10-06:20	CDR	Post-sleep
06:20-06:30	CDR	Calf volume measurement
06:20-06:40	FE-1	Post-sleep
06:30-06:40	CDR	Post-sleep
06:30-06:40	FE-2	Calf Volume Measurement
06:40-07:30		BREAKFAST
07:30-07:50	FE-1, FE-2	Prep for Work
07:30-07:45	CDR	БМП Φ2 Absorption Cartridge Regeneration (start)
07:45-07:50	CDR	Prep for Work
07:50-08:05		Daily Planning Conference ( <i>S-band</i> )
08:05-08:30	CDR	Prep for Work
08:05-08:15	FE-1, FE-2	Prep for Work
08:15-08:20	FE-1	EXPERT. Terminate Kelvin-Video Battery Charge
08:15-08:20	FE-2	Scheduled inspection of RED
08:20-09:50	FE-2	Physical Exercise (RED)
08:20-08:25	FE-1	EXPERT. Terminate Kelvin-Video Battery Charge
08:30-08:40	CDR	NOA1. Hardware setup and activation
09:10-09:20	CDR	NOA1. CDR Measurements
09:20-09:45	FE-1	NOA1. Measurements and close out ops
09:25-09:55	CDR	Crew Medical Officer (CMO) Proficiency Training
09:50-09:55	FE-1	EXPERT. Terminate TTM-2 Charging
09:50-10:50	FE-2	Physical Exercise (CEVIS)
09:55-12:25	FE-1	EXPERT. Experiment ops
09:55-11:25	CDR	Physical Exercise (RED), day 1
10:50-11:30	FE-2	Rack/Corridor Preparation
11:25-12:05	CDR	Hardware Pre-pack for Return on Shuttle flight ULF2
11:30-11:50	FE-2	TEPC transfer
12:15-12:25	FE-2	Utility DC to DC Converter Unit (UDC) Output and Microgravity Measurement Apparatus (MMA) Off
12:25-13:05		Kazbek Fit Check
13:05-14:05		LUNCH
14:05-14:15	FE-2	Flow Meter Relocate
14:10-14:25	CDR	Private Medical Conference ( <i>Ku + S-band</i> )
14:15-15:35	FE-2	Node 1 Rack Flow Control Assembly (RFCA) Flowmeter Test
14:25-14:40	FE-1	Private Medical Conference ( <i>Ku + S-band</i> )
14:25-15:15	CDR	Replacement of БРПК separator. <b>Install # 701019 b/c 00047119R (ΦГБ1ΠΓΟ_4_415_1 bag 365-13 b/c 00047396R) Stow the removed unit for disposal.</b>
14:40-15:40	FE-1	Crew Departure Prep
15:15-16:05	CDR	Transfer of US condensate from CWC to EDV and monitor transfer time

15:35-17:25	FE-2	ITCS MTL Adjustment
15:40-16:20	FE-1	COX Maintenance
16:05-16:30	CDR	Installation of IWIS sensors
16:20-17:50	FE-1	Physical Exercise (TVIS), day 1
16:40-17:00	CDR	IMS Update
17:00-18:00	CDR	Crew Departure Prep
17:25-17:35	FE-2	Tear down and stow Breakout Box (BOB)
17:35-17:45	FE-2	MSG Activation
17:45-18:00	FE-2	Activation of SHERE payload
17:50-18:50	FE-1	Physical Exercise (RED)
18:00-18:15	FE-2	Access to CGBA before the SHERE run
18:00-19:00	CDR	Physical Exercise (TVIS), day 1
18:15-18:40	FE-2	Install Fluid Module for the SHERE Experiment
18:40-18:55	FE-2	Private Medical Conference ( <i>Ku + S-band</i> )
18:50-19:15	FE-1	Evening Work Prep
18:55-19:15	FE-2	Remove Fluid Module for the SHERE Experiment
19:00-19:05	CDR	Transfer of TVIS, RED, and HRM data to MEC
19:05-19:15	CDR	Evening Work Prep
19:15-19:30		Daily Planning Conference ( <i>S-band</i> )
19:30-20:00	CDR, FE-1	DINNER
19:35-19:50	FE-2	Stow Fluid Module post-experiment and unstow for the next run
19:50-20:15	FE-2	Install Fluid Module for the SHERE Experiment
20:00-20:30	FE-1	Daily Food Prep
20:00-20:15	CDR	Daily Food Prep
20:15-20:30	CDR	БМП Φ2 Absorption Cartridge Regeneration (terminate)
20:20-20:40	FE-2	Remove Fluid Module for the SHERE Experiment
20:30-21:30	CDR, FE-1	Pre-sleep
20:40-20:45	FE-2	Download SHERE data to MLC laptop for downlink
20:45-20:55	FE-2	Stow Fluid Module after the run
20:55-21:10	FE-2	Power off SHERE experiment
21:10-21:15	FE-2	Downlink file from the MSG laptop
21:15-21:20	FE-2	MSG power off
21:20-21:30	FE-2	Formaldehyde Monitoring Kit (FMK) removal
21:30-06:00	.	SLEEP

**Notes:**

- 1.SM Window #9 shutter opening is at crew discretion with **Report to MCC**
- 2.See OSTP for references to US activities.

End of Radiogram