

Radiogram No. 1111u

Form 24 for 08-09/09/09

**Shuttle STS-128 (17A) Undocking from PMA-2**

GMT	CREW	ACTIVITY
15:00-15:10	FE-1, <b>FE-3</b> , FE-4, FE-5, FE-2-20	Morning Inspection
15:00-15:10	<b>CDR</b>	Deactivation of DM Cooler/Dryer Assembly [XCA] B2XCA Fan and Activation of DM XCA B1 Fan in Soyuz 224 / r/g 845nu
15:10-15:40	FE-1, <b>FE-3</b> , FE-4, FE-5, FE-2-20	Post-sleep
15:10-15:40	<b>CDR</b>	
15:40-16:30		BREAKFAST
16:30-16:45		Daily Planning Conference ( <i>S-band</i> )
16:45-17:00	FE-5	Work Prep
16:45-17:15	<b>CDR</b> , FE-1, <b>FE-3</b> , FE-4, FE-2-20	
17:00-17:15	FE-5	Private Medical Conference ( <i>Ku + S-band</i> )
17:15-18:15	FE-1	Physical Exercise (CEVIS)
17:15-17:30	FE-2-20	MDS Video Installation
17:15-17:20	FE-4	JPM and LAB Window Shutter Closure
17:15-17:30	<b>CDR</b>	Private Medical Conference ( <i>Ku + S-band</i> )
17:15-18:45	FE-5	Physical Exercise (ARED)
17:30-17:55	FE-2-20	MDS Water Refill / Video
17:30-17:45	<b>FE-3</b>	Private Medical Conference ( <i>Ku + S-band</i> )
17:30-17:45	<b>CDR</b>	БМП Φ2 Absorption Cartridge Regeneration (start)
17:45-18:25	<b>CDR</b>	БРП-М Water Sampling to Drink Bags ( <b>CM1PO_436_1 БРПК Recess</b> ). <b>Report to MCC qty of remaining bags after sampling /</b>
17:45-18:00	FE-4	Private Medical Conference ( <i>Ku + S-band</i> )
18:15-20:35	<b>FE-3</b>	Stowing disposal hardware to Progress 367 and IMS update
18:20-18:30	FE-1	WRS Water Sample Analysis
18:20-19:00	FE-4	Emergency Book Updates
18:25-19:05	<b>CDR</b>	Sampling condensate water [KAB] upstream of CPB-K2M Gas-liquid mixture filter (ΦГC) into drink bags – sampler removal
18:50-19:10	FE-1	PMA2 Depress
19:00-19:20	FE-4	WRS Sample Collection
19:05-19:25	<b>CDR</b>	Sampling condensate water [KAB] upstream of CPB-K2M БКО (Water Purification Column Unit) - set up, install flush bag
19:10-19:30	FE-1, FE-2-20	ACS Reconfig before Undocking
19:25-20:25	<b>CDR</b>	Stowage operations in Progress 367 and IMS update
19:35-19:40	FE-4	Deployment of Station Support Computer (SSC) Wireless Router
19:35-20:25	FE-1	PMA2 Depress
19:50-20:10	FE-4	Undocking Photo/TV
20:15-21:45	FE-4	Physical Exercise (ARED)

20:25-20:35	<b>CDR</b>	Sampling Condensate Water [KAB] Upstream of CPB-K2M БКО – Sampler Replacement
20:40-20:50	FE-1	TOCA 2 Data Transfer
20:45-21:45	FE-2-20	Physical Exercise (CEVIS)
20:45-21:45	<b>CDR</b>	Physical Exercise (TVIS), day 2
20:45-21:45	<b>FE-3</b>	Physical Exercise (VELO), day 1
20:55-21:00	FE-5	Photo / Video Installation
21:00-21:45	FE-5	Setup for Robotics OBT
21:25-21:45	FE-1	PMA2 Depress
21:45-22:05		Crew / FD Conference
22:05-23:05		LUNCH
23:05-02:05	FE-5, FE-2-20	HTV OBT
23:05-23:45	<b>FE-3</b>	Fill EDV [KOB] for Elektron <i>from CWC #1072</i>
23:05-00:05	FE-4	HTV OBT
23:05-23:25	<b>CDR</b>	IMS Update
23:25-23:45	FE-1	Terminate PMA2 Leak Check and Teardown the Setup
23:45-00:25	<b>FE-3</b>	COЖ Maintenance / r/g 1113, step 1
00:05-00:15	FE-4	PBA Transfer
00:15-00:55	FE-4	BPSMU Stowage
00:25-00:40	<b>FE-3</b>	Verify ИП-1 Flow Meter Configuration
00:25-00:35	<b>CDR</b>	Restore Nominal Comm Config
00:35-00:55	<b>CDR</b>	Sampling condensate water [KAB] upstream of CPBK-2M БКО – removing sampler, disassembling config
00:35-00:40	FE-1	Remove Cover from VC N2
00:40-02:10	FE-1	Physical Exercise (ARED)
00:55-01:55	<b>FE-3</b>	Physical Exercise (TVIS), day 1
00:55-01:25	FE-4	THC Activities
01:45-02:45	FE-4	Physical Exercise (TVIS)
01:55-02:25	<b>FE-3</b>	Hygiene Procedures
02:05-02:20	FE-5	Teardown ROBoT after Training Session
02:10-03:40	FE-1	WHC R&R and Transfer
02:15-03:15	<b>CDR</b>	Physical Exercise (VELO), day 2
02:20-02:25	FE-5	P/TV Camcorder Teardown
02:25-03:55	<b>FE-3</b>	Stowage operations in Progress 367 and IMS update
02:35-02:40	FE-2-20	Set up video equipment to film ARED exercise
02:40-04:10	FE-2-20	Physical Exercise (ARED)
02:45-03:45	FE-5	Physical Exercise (CEVIS)
02:45-03:15	FE-4	Hygiene Procedures
03:15-03:45	<b>CDR</b>	
03:35-03:40	FE-4	Server Reboot
03:40-03:45	FE-4	OCA SSC Router Reboot
03:45-04:15	<b>CDR</b>	Pre-sleep
03:45-04:15	FE-1, FE-4,	Work Prep

	FE-5	
03:55-04:15	<b>FE-3</b>	
04:10-04:15	FE-2-20	Stow Video Equipment Used for ARED Exercise Video
04:15-04:30		Daily Planning Conference ( <i>S-band</i> )
04:30-05:00	<b>CDR</b>	INTERACTION CDR Experiment Ops
04:30-06:30	FE-1, <b>FE-3</b> , FE-4, FE-2-20	Pre-sleep
04:30-04:35	FE-5	MPC Power Up
04:35-06:25	FE-5	Pre-sleep
05:00-06:15	<b>CDR</b>	
06:15-06:30	<b>CDR</b>	Regeneration of БМП Φ2 Absorption Cartridge (termination)
06:25-06:30	FE-5	MPC Power Down
06:30-07:00		SLEEP

**Notes:**

1. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC** / r/g 6083, 6004
2. See OSTP for references to US activities
3. Pre-sleep: dinner, daily food prep, evening toilet

End of Radiogram