

Radiogram No. 0034u
EVA 31

Form 24 for 08/20/2012

GMT	CREW	ACTIVITY
06:00-06:10	CDR	Morning Inspection. SM ПСС [Caution & Warning Panel] Test
06:00-06:10	FE-2	Morning Inspection. Inspection of CM-Y connector on MHP-HC separator pump behind ACY panel 139
06:00-06:15	FE-4	Morning Inspection. Inspection of Circuit Breakers [A3C] on DC1 Power Switch Panel (ББП) and Fuses in DC1 Fuse Boxes БПП-30, БПП-36
06:00-06:10	FE-3	Morning Inspection
06:00-06:05	FE-5	Reaction Self Test
06:00-06:05	FE-6	Urine Spot Test
06:05-06:10	FE-6	Reaction Self Test
06:05-06:15	FE-5	Morning Inspection
06:10-06:15	FE-6	Urine Collection - Closeout Ops
06:10-06:15	CDR	Biochemical Urine Test before EVA /
06:15-06:20	FE-4	Biochemical Urine Test before EVA
06:10-06:50	FE-2, FE-3	Post-sleep
06:15-06:50	CDR	Post-sleep
06:15-06:35	FE-6	HRF Urine Sample Collection Subject
06:15-07:00	FE-5	Post-sleep
06:20-06:50	FE-4	Post-sleep
06:35-06:40	FE-6	HRF Urine Sample Insertion Into MELFI
06:40-06:50	FE-6	Morning Inspection
06:50-07:45	CDR, FE-2, FE-3, FE-4	BREAKFAST
06:50-07:00	FE-6	HRF Refrigerated Centrifuge Setup
07:00-07:15	FE-5	HRF Sample Collection
07:00-07:20	FE-6	HRF Sample Collection
07:15-07:45	FE-5	BREAKFAST
07:20-07:30	FE-6	Post-sleep
07:30-07:40	FE-6	HRF Refrigerated Centrifuge Configure
07:40-07:45	FE-6	Post-sleep
07:45-07:55	CDR, FE-4	Daily Planning Conference (S-band)
07:45-08:10	FE-2, FE-3, FE-5, FE-6	Daily Planning Conference (S-band)
07:55-08:55	CDR, FE-4	DC1 and ПxO config for EVA / BCO1 (
08:10-08:15	FE-6	HRF Refrigerated Centrifuge Spin Terminate
08:10-08:30	FE-3	Work Prep
08:10-08:50	FE-2	MRM2 Preparation and TK 705 Activation before EVA / r/g

08:10-08:30	FE-5	Work Prep
08:15-08:25	FE-6	Nutrition and Repository Blood Sample Insertion into MELFI
08:25-09:40	FE-6	BREAKFAST
08:30-09:25	FE-3	Physical Exercise (T2)
08:50-09:30	FE-2	COЖ Maintenance
08:50-09:00	FE-5	Closing USOS Window Shutters
08:55-09:30	CDR, FE-4	Spacesuit Systems Checkout / BCO1 (
09:00-10:00	FE-5	Physical Exercise (CEVIS)
09:25-09:30	FE-3	Shutting down data transfer application
09:30-11:00	FE-3	Physical Exercise (ARED)
09:30-09:55	CDR	DC1 BCC [Spacesuit Interface Unit] Checkout / BCO1 (
09:30-09:55	FE-4	ПxO BCC [Spacesuit Interface Unit] Checkout / BCO1 (
09:40-09:55	FE-6	HRF Blood Collection Hardware Stowage
09:45-10:15	FE-2	Disconnect air-duct and PO-ПpK hatch protective ring, close PO-ПpK hatch
09:55-10:15	FE-6	HRF Urine Sample Collection Subject
09:55-10:10	CDR	DC1 Oxygen Tank БК-3М Check / BCO1 (
09:55-10:10	FE-4	Comm config before EVA, reconfiguring ПСС (C&W) panel / BCO1 (
10:00-10:10	FE-5	P/TV Camera Test before EVA
10:10-10:15	FE-4, FE-5	Camcorder Setup
10:15-10:20	FE-6	HRF Urine Sample Insertion Into MELFI
10:15-10:25	FE-5	EVA - PAD Inhibit
10:15-10:55	CDR, FE-2, FE-4	Meal
10:25-10:40	FE-5	Start battery charge
10:40-11:00	FE-6	HRF - Stow Urine Collection Equipment
10:40-11:00	FE-5	Start EMU Battery Charge
10:55-11:35	CDR, FE-4	Orlan, БСС, comm, and biomed parameter telemetry check / BCO1 (
10:55-11:35	FE-2	Pre-EVA ISS Onboard Systems Configuration / BCO1 (
11:00-11:05	FE-3	Display Power Down
11:00-12:30	FE-6	Physical Exercise (ARED)
11:05-11:25	FE-3	SSC Relocation
11:25-11:55	FE-3	MLC MSG Equipment Stowage
11:35-12:15	FE-5	BCAT-C1 P/L Sample Setup
11:35-11:55	CDR, FE-4	Orlan and БСС (Orlan interface unit) Final Inspection prior to entering Orlan
11:35-12:10	FE-2	Pre-EVA ISS Onboard Systems Configuration
11:55-12:25	CDR, FE-4	EVA Gear Donning
11:55-12:15	FE-3	QD/CAP/PLGS – Gather Equipment for Maintenance
12:10-12:25	FE-2	Air duct removal from DC1 (skip B3 fan removal)

12:15-12:25	FE-3	Gathering batteries as part of preparing for battery audit and working on consolidation during isolation
12:25-12:55	FE-5	Experiment Ops overview
12:25-14:40	CDR, FE-4	A/L Depress
12:25-12:35	FE-2	On MCC Go MRM2-CY (SM) Hatch Closure /
12:30-13:30	FE-6	Midday Meal
12:35-13:10	FE-3	TK 705 Crew Isolation in MRM2 for EVA-31
12:35-22:00	FE-2	TK 705 Crew Isolation in MRM2 for EVA-31
12:55-13:55	FE-5	Midday Meal
13:10-14:10	FE-3	Midday Meal
13:30-14:00	FE-6- assists	Depress for EVA /
13:55-14:10	FE-5	Journal Entry
14:00-14:05	FE-6	PROK. Diet Logfile and PH Logsheet Photography
14:05-14:55	FE-6	ICV Monitoring Prep
14:10-14:30	FE-3	QD Stowage prep
14:30-15:40	FE-3	MSG Glove Box - Video Equipment Set Up
14:40-21:10	CDR, FE-4	EVA-31 Tasks
14:55-16:10	FE-6	ICV Monitoring Start
15:10-15:20	FE-5	ICV Start Operator Assistance
15:35-15:45	FE-5	ICV Start Operator Assistance
15:40-16:10	FE-3	Nanoracks OBT
15:50-17:20	FE-5	Physical Exercise (ARED)
16:10-17:10	FE-3	DOUG Software Review
16:10-16:20	FE-6	ICV - 10-Minute Resting Event
16:30-17:30	FE-6	Physical Exercise (CEVIS)
17:10-17:25	FE-3	Journal Entry
17:25-18:15	FE-3	Perform audit and set up bags for battery stowage
18:15-22:00	FE-3	TK 705 Crew Isolation in MRM2 for EVA-31
18:05-20:05	FE-5	HTV Cargo Transfer
19:00-19:05	FE-6	ICV-3H MAKITA Battery Changeout
21:10-22:10	CDR, FE-4	Post EVA Repress Ops
21:50-22:10	FE-5	Evening Work Prep
22:00-22:10	FE-2	On MCC Go MRM2- CY(SM) Hatch Open
22:00-22:20	FE-3	SSC Relocation
22:00-22:05	FE-6	ICV-3H MAKITA Battery Changeout
22:05-22:50	FE-6	Evening Work Prep
22:10-22:35	FE-2	Post-EVA air ducts installation in DC1, MRM2, and SM
22:10-22:15	FE-4, FE-5	Camcorder Setup
22:10-22:15	CDR	Biochemical Urine Test after EVA /
22:15-22:20	FE-4	Biochemical Urine Test after EVA /

22:15-22:20	FE-5	TEPC Photo
22:15-22:35	CDR	ISS RS reconfig for nominal ops (CPB-K2M and food warmer activation)
22:20-22:35	FE-4	Switching comm system to initial configuration, reconfiguring C&W indication from ПОВ [EVA Support Panel] in DC1 and ПxO /
22:20-22:50	FE-5	Evening Work Prep
22:20-22:50	FE-3	MLC MSG Equipment Re-Stow
22:35-22:50	CDR, FE-2, FE-4	Meal
22:50-23:15		Daily Planning Conference (<i>S-band</i>)
23:15-23:25	CDR, FE-4	Post-Eva Orlan Suit Maintenance /
23:15-23:55	FE-2	Post-EVA MRM2 Reconfiguration for nominal Ops and TK 705 Deactivation
23:15-01:20	FE-6	Pre-sleep
23:15-23:30	FE-3	QD/CAP/PLGS – Re-stow
23:15-23:25	FE-5	HTV3 Cargo Transfers Conference
23:25-00:45	CDR, FE-4	ISS RS, DC1 return to nominal configuration, transfer of additional portable repress tank (БНП) from DC1 to TK /
23:25-01:25	FE-5	Pre-sleep
23:30-23:35	FE-3	P/TV Playback Start
23:35-01:25	FE-3	Pre-sleep
23:55-00:25	FE-2	Open PO-ПрК hatch. Install protective ring and airduct on PO-ПрК hatch / PK (
00:25-01:30	FE-2	Pre-sleep
00:45-01:30	CDR, FE-4	Pre-sleep
01:20-01:25	FE-6	Reaction Self Test
01:25-01:30	FE-5	Reaction Self Test
01:25-01:30	FE-6	ICV-3H MAKITA Battery Changeout
01:25-01:30	FE-3	P/TV Playback Stop
01:30-10:00		SLEEP

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. **Tagups during EVA activities**
- End of Radiogram