

Radiogram No. 5139u

Form 24 for 01/18/2011

EVA SUIT PREPARATION. PURGING AND VENTING OF PROGRESS 408 3YΓ(O) FUEL AND OXIDIZER REFILLING DEVICES.

GMT	CREW	ACTIVITY
06:00-06:05	CDR,FE-5,FE-6	Reaction Self-test
06:00-06:10	FE-4	Morning Inspection
06:00-06:05	FE-1	Elektron-VM Aerosol Filter Inspection
06:00-06:10	FE-2	SONOCARD Experiment Termination
06:05-06:10	CDR,FE-6	Morning Inspection
06:05-06:10	FE-5	Morning Inspection
06:05-06:20	FE-1	Biochemical Urine Test
06:10-06:40	FE-2,FE-4,FE-6	Post-sleep
06:10-06:20	FE-5	Post-sleep
06:10-06:45	CDR	Post-sleep
06:20-06:40	FE-1	Post-sleep
06:20-06:35	FE-5	Biochemical Urine Test
06:35-06:50	FE-5	Post-sleep
06:40-07:30	FE-2,FE-4,FE-6	BREAKFAST
06:40-07:20	FE-1	BREAKFAST
06:45-07:35	CDR	BREAKFAST
06:50-07:30	FE-5	BREAKFAST
07:20-07:30	FE-1	Stowing URISIS Hardware
07:30-07:45	FE-1,FE-2,FE-4,FE-5	Work Prep
07:30-07:35	FE-6	Work Prep
07:35-07:45	FE-6	EarthKAM Lens Change
07:35-07:45	CDR	Work Prep
07:45-08:10	.	Daily Planning Conference (<i>S-band</i>)
08:10-08:35	CDR	Crew Acoustic Dosimeters Data Transfer
08:10-08:20	FE-5	ICV-MAKITA Battery Installation
08:10-08:30	FE-1	EXPOSE-R Start BCMM Data Copy to a Flash Card
08:10-08:25	FE-2	SONOCARD Data Copy to RSE-MED Laptop and Data Downlink Using OCA
08:20-08:30	FE-5	FIR Alignment Guide Removal
08:20-09:35	FE-6	CFE Hardware Setup
08:30-09:00	FE-1	Elektron-VM EKO (Purification Column Assy) Replacement
08:30-08:45	FE-5	ARED Guide Rail Inspection
08:35-08:40	CDR	Battery Test In both EVA Chambers
08:40-09:40	CDR	Water Recovery System (WRS) CWC-I (Iodinated Contingency Water Container) Degassing
08:45-09:00	FE-5	ARED Flywheel Cylinder Evacuation
09:00-10:30	FE-5	Physical Exercise (ARED)
09:05-09:15	FE-1	Monitoring Secondary Combustion Unit Temperature After Elektron-VM

		Activation
09:10-09:25	FE-2	Air duct removal from DC1 (skip B3 fan removal)
09:10-09:25	FE-4	Comm config for suited run
09:15-09:45	FE-1	IK 0501 Gas Analyzer O2 Sensor Adjustment
09:25-09:45	FE-2,FE-4	Orlan Systems Checkout During Exercise
09:35-11:35	FE-6	CFE Test Operations
09:40-09:50	CDR	WRS Water Sample Analysis
09:45-10:00	FE-2,FE-4	DC1 ECC [Orlan Interface Unit] Checkout
10:00-11:30	CDR	Marangoni Inside (MI) Core Cassette Installation
10:00-10:30	FE-2,FE-4	EVA Gear Donning
10:00-10:20	FE-1	EXPOSE-R Terminate ECMM Data Copy to a Flash Card
10:20-11:20	FE-1	Life On The Station Photo and Video
10:30-10:40	FE-2,FE-4	Comm check and biomed telemetry test
10:30-10:35	FE-5	ICV Makita Battery Swap
10:35-11:35	FE-5	CQMK Consolidation
10:40-10:50	FE-2,FE-4	Orlan and ECC Initial Conditions Check In Run
10:50-11:05	FE-2,FE-4	Ingress Orlans, seal off backpacks
11:05-11:10	FE-2,FE-4	Orlan and ECC Controls Checkout
11:10-11:15	FE-2,FE-4	Orlan and ECC Preliminary Leak Check
11:15-11:30	FE-2,FE-4	Orlan fit check at suit pressure P.CK= 0.4
11:30-12:30	FE-2,FE-4	Orlan translation exercise
11:30-12:30	CDR	Physical Exercise (CEVIS)
11:35-13:05	FE-6	Physical Exercise (ARED)
11:35-11:40	FE-5	ICV-MAKITA Battery Replacement
11:40-13:10	FE-1	Physical Exercise (TVIS), Day 1
11:55-12:00	FE-5	SM HAM Radio Setup
12:00-12:15	FE-5	HAM Radio Session From SM
12:30-13:00	FE-2,FE-4	Orlan Egress
12:40-12:50	FE-5	FIR Photo/Video Setup
12:40-12:50	CDR	PAO Hardware Setup
12:50-13:10	FE-5	FIR ARIS Test
12:50-13:10	CDR	PAO Event
13:00-13:10	FE-4	Post-Exercise Comm. Reconfig For Nominal Ops
13:10-13:30	FE-5	LUNCH
13:10-14:10	CDR,FE-1,FE-2,FE-4,FE-6	LUNCH
13:30-13:35	FE-5	SM HAM Radio Setup
13:35-13:50	FE-5	SM HAM Radio Session
13:50-14:30	FE-5	LUNCH
14:10-16:10	FE-2,FE-4	Post-exercise closeout ops, air duct installation
14:10-14:40	FE-6	CFE Teardown
14:15-14:35	CDR	Private Family Conference
14:35-14:50	FE-1	Private Medical Conference (<i>Ku+S-band</i>)

14:35-14:45	FE-5	FIR Alignment Guide Installation
14:35-15:50	CDR	Marangoni Inside Core Installation
14:40-15:10	FE-6	Material Science Laboratory (MSL) Insert MICAST 7 Sample
14:45-14:50	FE-5	ICV-MAKITA Battery Replacement
14:50-15:30	FE-1	COЖ Maintenance
14:50-15:50	FE-5	SAFER CBT
15:30-15:50	FE-1	Remove and temp stow two handles from Progress 407 external hatch surface
15:50-16:50	FE-1	Progress 407 Docking Mechanism Installation
15:50-16:05	FE-6	Private Medical Conference
15:50-15:55	FE-5	ICV-MAKITA Battery Replacement
15:50-17:20	CDR	Physical Exercise (ARED)
15:55-16:55	FE-5	Physical Exercise (CEVIS)
16:05-17:05	FE-6	Physical Exercise T 2
16:10-16:25	FE-4	Private Medical Conference (<i>Ku+S-band</i>)
16:25-16:40	FE-2	Private Medical Conference (<i>Ku+S-band</i>)
16:40-17:40	FE-2,FE-4	Installation of Orlan spacesuit replaceable elements for EVA <i>Comm reconfiguration</i>
16:50-17:50	FE-1	Physical Exercise (VELO), Day 1
16:55-17:05	FE-5	PanOptic Hardware Setup
17:05-17:10	FE-5	Photo/TV Panoptic Video Setup
17:20-17:30	CDR,FE-5,FE-6	Crew Prep for PAO
17:30-18:00	FE-6	PAO Event
17:30-17:40	CDR,FE-5	PAO Event
17:40-19:05	FE-2	Physical Exercise (TVIS), Day 1
17:40-17:45	FE-5	EHS PanOptic Preparation
17:40-17:50	CDR	TOCA 2 Data Recording
17:40-18:40	FE-4	Physical Exercise (ARED)
17:45-17:50	FE-5	ICV-MAKITA Battery Replacement
17:50-18:15	FE-5	Evening Work Prep
17:50-17:55	CDR	EHS PanOptic Preparation
17:50-18:40	FE-1	Evening Work Prep
17:55-18:40	CDR	Evening Work Prep
18:00-18:05	FE-6	PAO Hardware Deactivation
18:05-18:10	FE-6	Evening Work Prep
18:10-18:15	FE-6	WHC Configuration to UPA Post-RFTA R&R
18:15-18:45	FE-6	Periodic Health Status - Medical Support System [CMO
18:15-18:45	FE-5	PanOptic Eye Exam (Subject)
18:40-19:10	FE-1	INTERACTION Experiment Ops FE-1
18:40-19:15	FE-4	Evening Work Prep
18:45-18:50	FE-6	HMS PanOptic Preparation
18:45-19:15	CDR	PanOptic Eye Exam (Subject)
18:45-19:15	FE-5	Periodic Health Status - Medical Support System [CMO

18:50-19:15	FE-6	Evening Work Prep
19:05-19:15	FE-2	Evening Work Prep
19:10-19:15	FE-1	Elektron-VM Aerosol Filter Inspection
19:15-19:40	.	Daily Planning Conference (<i>S-band</i>)
19:40-21:30	FE-2,FE-4	Pre-sleep
19:40-21:20	FE-1	Pre-sleep
19:40-20:10	CDR	Periodic Health Status - Medical Support System [CMO
19:40-20:10	FE-6	PanOptic Eye Exam (Subject)
19:40-19:45	FE-5	MPC Power Up
19:45-19:50	FE-5	ICV-MAKITA Battery Stow
19:50-20:10	FE-5	Pre-sleep
20:10-20:30	FE-5	PanOptic Data Downlink/Stowage
20:10-20:15	CDR	PanOptic Photo/TV Equipment Stow
20:10-21:15	FE-6	Pre-sleep
20:15-21:25	CDR	Pre-sleep
20:30-21:20	FE-5	Pre-sleep
21:15-21:25	FE-6	EarthKAM Lens Change
21:20-21:25	FE-5	MPC Power Down
21:20-21:30	FE-1	SONOCARD Experiment Start
21:25-21:30	CDR,FE-5,FE-6	Reaction Self-test
21:30-06:00	.	SLEEP
Task List	FE-1	IMS Update

Notes:

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

3. Pre-sleep ops: daily food prep, dinner, pre-sleep

4. Tagups with specialists during all EVA prep activities (*S-band, VHF*)

End of Radiogram