

Radiogram No. 5095nu

Updated

Form 24 for 01/14/2011

PREPARATION FOR EVA. PLASMA CRYSTAL EXPERIMENT

GMT	CREW	ACTIVITY
06:00-06:05	CDR	Reaction Self Test
06:00-06:10	FE-2, FE-4, FE-5	Morning Inspection
06:00-06:10	FE-6	HRF Refrigerated Centrifuge Setup
06:00-06:05	FE-1	PLASMA CRYSTAL. Pressure Check / r/g 5114
06:05-06:10	CDR	Morning Inspection
06:05-06:10	FE-1	Elektron-VM Aerosol Filter Inspection
06:10-06:40	CDR, FE-1, FE-2, FE-4	Post-sleep
06:10-06:30	FE-6	HRF Blood Sample Draw Subject
06:10-06:25	FE-5	HRF Blood Draw Operator
06:25-06:50	FE-5	Post-sleep
06:30-06:35	FE-6	Reaction Self Test
06:35-06:45	FE-6	HRF Refrigerated Centrifuge Configure
06:40-07:30	CDR, FE-1, FE-2, FE-4	BREAKFAST
06:45-06:50	FE-6	Post-sleep
06:50-07:05	FE-6	HRF Blood Draw Operator
06:50-07:10	FE-5	HRF Blood Sample Draw Subject
07:05-07:15	FE-6	Post-sleep
07:10-07:20	FE-5	BREAKFAST
07:15-07:20	FE-6	HRF Refrigerated Centrifuge Spin Terminate
07:20-07:30	FE-6	HRF Blood Sample Insertion into MELFI
07:20-07:25	FE-5	HRF Refrigerated Centrifuge Configure
07:25-07:30	FE-5	BREAKFAST
07:30-07:55		Daily Planning Conference (<i>S-band</i>)
07:55-08:10		ISS Crew and ГOFY (RSA Flight Control Team Management) Weekly Conference (<i>S-band</i>)
08:10-08:15	FE-1	Comm config prior to PLASMA CRYSTAL-3 experiment
08:10-08:15	FE-5	HRF Refrigerated Centrifuge Spin Terminate
08:10-08:35	CDR	Work Prep
08:10-08:15	FE-6	BREAKFAST
08:10-08:20	FE-2, FE-4	Work Prep
08:15-08:30	FE-5	Work Prep
08:15-08:25	FE-6	HRF Blood Sample Insertion into MELFI
08:15-08:35	FE-1	PLASMA CRYSTAL Hardware Activation and Experiment Start
08:20-08:35	FE-2, FE-4	IMS Tagup (<i>S-band</i>)
08:25-08:30	FE-6	BREAKFAST
08:30-09:40	FE-6	ICV ECHO Setup
08:30-09:30	FE-5	Physical Exercise (CEVIS)

08:35-08:55	CDR	BCAT5 Camera Check Without SSC
08:35-08:55	FE-1	TV (ISS-MCC) PLASMA CRYSTAL. Start and Monitor the Experiment <i>Tagup with specialists (S-band)</i>
08:45-08:50	FE-2	Plasma Crystal-3 Plus. Monitoring TV signal on display
08:50-09:50	FE-2, FE-4	Specific EVA Procedure Review. <i>Tagup with specialists (S-band)</i>
08:55-10:25	CDR	Physical Exercise (ARED)
09:00-09:35	FE-1	Specific EVA Procedure Review. <i>Tagup with specialists (S-band)</i>
09:35-10:05	FE-1	PCE, PCE ANTENNA FEEDER, ATV Hand Controller Checkout. <i>Tagup with specialists (S-band)</i>
09:40-11:00	FE-6	ICV Echo Scan
09:45-10:55	FE-5	ICV - Assistance During Experiment
09:50-10:40	FE-2, FE-4-assists	Study of cardiovascular system response to measured cycle ergometer load To=10:16 <i>Tagup with specialists (VHF)</i>
10:10-10:30	FE-1	PLASMA CRYSTAL Experiment Termination
10:25-11:25	CDR	Physical Exercise T 2
10:30-10:50	FE-1	Plasma Crystal-3 Plus. Copy data from the hard drive
10:40-11:20	FE-4	COЖ Maintenance
10:40-11:20	FE-2	Portable Repress Tank (БНП) #3, п.1 (0001473R, ТПК230БО) Setup in PO (Working Compartment)
10:50-11:45	FE-1	PLASMA CRYSTAL. Hardware Deactivation
10:55-12:25	FE-5	Physical Exercise (ARED)
11:00-11:20	FE-6	ICV Hardware Stowage after the Experiment
11:25-11:35	CDR	CWC Audit
11:30-12:20	FE-4, FE-2-assists	Study of cardiovascular system response to measured cycle ergometer load To=11:51. <i>Tagup with specialists (VHF)</i>
11:35-11:45	CDR	WRS - Removal of Separation Filter
11:40-11:55	FE-6	HRF Blood Collection Hardware Stowage
11:55-12:05	CDR	EHS GC/DMS Ops Start
12:05-13:05	CDR	Centerline Berthing Camera System (CBCS) Installation and Checkout
12:15-13:15	FE-1	Physical Exercise (TVIS), Day 1
12:20-13:20	FE-6	Physical Exercise T 2
12:20-13:20	FE-4	Urine Transfer from EDV-U to Progress 408 Rodnik Water Tank 1
12:20-13:20	FE-2	Physical Exercise (VELO), Day 1
12:25-12:30	FE-5	Video Camera Assembly 1 (VCA1) Adjustment
12:30-12:35	FE-5	EXPRESS Rack 3 Tilt Down
12:35-13:10	FE-5	Columbus - Water On/Off Valve Manual Override
13:05-13:20	CDR	NOD2 Stowage Removal
13:10-13:20	FE-5	Columbus - Closing out WOOV7 work area
13:15-13:20	FE-1	On MCC Go ISS O2 repress from Progress 408 CpПК (start)
13:20-14:20	.	LUNCH
14:20-14:25	CDR	EHS GC/DMS Ops Terminate
14:20-14:25	FE-1	ISS Repress with O2 from Progress 408 CpПК (terminate)
14:20-15:20	FE-2, FE-4	Spacesuit Height Adjustment

14:20-14:35	FE-5	Rotate EXPRESS Rack 3 Up
14:25-14:45	FE-1	IMS Update
14:25-16:25	CDR	HTV - Cable Routing
14:35-15:05	FE-6	HTV - Cable Routing
14:35-14:45	FE-5	EXPRESS Rack 3 Tilt COL1A1 Up
15:20-16:20	FE-4	Spacesuit #5 and BCC (Orlan Interface Unit) leak check and valve test
15:20-15:30	FE-5	FMK Deployment Ops
15:20-16:00	FE-2	IDENTIFICATION. Copy ИMY-Ц micro-accelerometer data to laptop
15:30-17:00	FE-6	Physical Exercise (ARED)
15:30-15:50	FE-5	Grab Sample Container (GSC) Sampling Operations
15:40-16:10	FE-5	Food Transfer
15:50-17:20	FE-1	Physical Exercise (VELO), Day 1
16:00-16:20	FE-2	БК-3 Oxygen Tank Pressure Check in ПxO and DC1
16:10-16:25	FE-5	VHF test using US ground sites
16:20-17:20	FE-2	Spacesuit #4 and BCC (Orlan Interface Unit) Leak Checks and Valve Test <i>Comm reconfiguration</i>
16:20-17:50	FE-4	Physical Exercise (TVIS), Day 2
16:25-17:10	FE-5	EXPRESS Rack 3 ARIS Umbilical Mate
16:25-16:40	CDR	Node 2 Stowage Replacement
16:40-18:10	CDR	Water Recovery System Catalytic Reactor Filter Removal
17:00-17:30	FE-6	WRS. Water Filled Container Count
17:10-17:40	FE-5	EMCS Cable Routing
17:20-17:40	FE-1	Removal of two handles from Progress 408 internal hatch cover
17:20-18:45	FE-2	Physical Exercise (TVIS), Day 1
17:30-18:00	FE-6	WRS. Water Filled Container Count
17:40-18:40	FE-1	Progress 408 Docking Mechanism Installation
17:50-18:00	FE-5	Hair Sample Preparation
17:50-18:45	FE-4	Physical Exercise (ARED)
18:00-18:15	FE-5, FE-6	Hair Sample Collection
18:10-18:20	CDR	WRS - Stow Separator Filter
18:15-18:25	FE-5	HAIR - MELFI Sample Insertion
18:15-18:35	FE-6	HRF Hardware Setup for Urine Collection
18:20-18:35	CDR	IMS and Stowage Conference
18:25-18:35	FE-5	Hair Sample Closeout
18:35-18:45	CDR, FE-6	Evening Work Prep
18:40-18:45	FE-1	Elektron-VM Aerosol Filter Inspection
18:45-19:10		Daily Planning Conference (<i>S-band</i>)
19:30-19:35	CDR	MPC Power Up
19:10-19:30		Flight Director/ISS Crew Tagup
19:30-21:30	FE-1, FE-2, FE-4	Pre-sleep
19:30-19:35	FE-5	Daily Diet Monitoring
19:30-21:25	FE-6	Pre-sleep

19:35-21:30	FE-5	Pre-sleep
19:35-21:20	CDR	Pre-sleep
21:20-21:25	CDR	Reaction Self Test
21:25-21:30	FE-6	Reaction Self Test
21:25-21:30	CDR	MPC Power Down
21:30-06:00	.	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 with specialists during all activities related to space suit prep for EVA

End of Radiogram