Radiogram No. 5933u Form 24 for 04/21/2011

Pumping out Nitrogen from FGB High-Pressure Oxidizer Tank [БВДО] Using compressor 3.DC1-СУ and / СУ-Progress Hatch Leak Check

GMT	CREW	ACTIVITY
06:00-06:10	**FE-1**, **FE-2**, FE-3, FE-5, FE-6	Morning Inspection
06:00-06:05	**CDR**	Elektron-VM System Monitoring
06:05-06:10	**CDR**	Morning Inspection
06:10-06:20		Post-sleep
06:20-07:10		BREAKFAST
07:10-07:35		Daily Planning Conference *(S-band)*
07:35-07:55		Post-sleep
07:55-08:05	FE-6	Work Prep
07:55-08:10	**FE-1**, **FE-2**, FE-3	Work Prep
07:55-08:15	**CDR**	Work Prep
07:55-09:05	FE-5	PMM1F1- Rack Outfitting
08:05-08:50	FE-6	Marangoni - silicone filter hose removal
08:10-08:20	FE-3	Power Up
08:20-08:50	FE-3	ISS Crew Orientation
08:30-10:00	**FE-1**	Physical Exercise (VELO), Day 2
08:40-08:45	**FE-2**	**On MCC Go** Open ВН2 on БЖ (after deactivation of Elektron system)
08:45-08:50	**FE-2**	Regul-OS Standby Mode Deactivation
08:50-09:50	**CDR**	Physical Exercise (ARED)
08:50-09:00	FE-3	VO2max Video Setup
08:50-09:05	FE-6	Marangoni – Disconnect Equipment Cable
08:50-09:50	**FE-2**	Remove CA325 unit from Regul-OS string one. Preparation Steps
09:00-09:25	FE-3	VO2max Experiment Protocol
09:05-09:55	FE-5	PMM1F2- Rack Outfitting
09:05-11:05	FE-6	Marangoni Inside Removal
09:25-10:05	FE-3	VO2max – Calibration and Instrument Check
09:55-11:25	FE-5	Physical Exercise (ARED)
09:50-10:00	**FE-2**	**On MCC Go** Demate Regul-OS TLM connector from БИТС2-12
10:00-10:40	**FE-1**	TBU-V. Place into MRM1 and Activate at +2 deg C Setting
10:00-11:20	**FE-2**	De-install Regul-OS String 1 CA325 Unit. *Tagup with specialists (S-band)*
10:00-10:20	**CDR**	Tightening Soyuz 230 QD Screw Clamps
10:05-10:45	FE-3	VO2max. Experiment Protocol
10:20-11:00	**CDR**	СОЖ Maintenance
10:40-11:00	**FE-1**	Tightening of ATV2-SM ПрК QD Screw Clamps
10:45-10:55	FE-3	VO2 Closeout Ops
10:55-11:00	FE-3	VO2 Data Downlink
11:00-11:35	FE-3	VO2 Stowage
11:00-12:00	**CDR**, **FE-1**	Stowing disposal hardware on Progress 409 with IMS updates
11:05-11:20	FE-6	Gather and Stow Marangoni PL

11:20-13:00	**FE-2**	Install CA325 Unit Removed from Regul-OS string 3, on string 1
11:25-12:55	FE-6	Physical Exercise (ARED)
11:25-11:45	FE-5	ESA Weekly Crew Conference
11:35-11:45	FE-3	CIR Alignment Guide Installation
11:45-12:45	FE-3	Shutter Actuator Mechanism (SAM) Adjustment to Get the LAB Window Fully Closed.
11:45-12:45	FE-5	Physical Exercise T 2
12:00-12:10	**CDR**	Progress 409 Stowage Completion **Report** *(S-band)*
12:00-12:10	**FE-1**	ISS Crew Orientation
12:10-12:30	**CDR**	IMS Update
12:10-12:30	**FE-1**	TBU-V. Temperature check, Photography, Activation at +37 deg setting
12:30-13:30	**CDR**,**FE-1**	Removal of local temperature sensor switching unit ЛКТ (ТА251МБ) and ROM from Progress
12:45-13:00	FE-5	Private Psychological Conference
13:00-14:00	FE-3, FE-5, FE-6	LUNCH
13:00-13:10	**FE-2**	**On MCC Go** Mating Telemetry Connectors to БИТС2-12
13:10-13:50	**FE-2**	Install CA325 Unit Removed from Regul-OS string 3, on string 1. Close out ops
13:30-14:30	**CDR**,**FE-1**	LUNCH
13:50-13:55	**FE-2**	Power up Regul-OS
13:55-14:55	**FE-2**	LUNCH
14:00-15:55	FE-5	ATV Transfers
14:00-14:15	FE-6	JPM ATCS Gas Trap Reconfig (steps 1-4)
14:15-15:30	FE-6	Antimicrobial Applicator (AmiA) Installation in Node 3
14:30-14:55	**FE-1**	TBU-V. Temperature Check, Photography, Hardware Deactivation
14:30-15:15	**CDR**	Progress 409 Activation, Air Duct Teardown
14:40-15:00	FE-3	VO2max PPFS Stowage
15:00-15:05	FE-3	VO2max Crew Portable Pulmonary Function System Conclude
15:05-15:35	FE-3	ISS Crew Orientation
15:15-15:35	**CDR**, **FE-1**	Removal of Quick-Release Screw Clamps in DC1
15:35-15:55	**CDR**, **FE-1**	DC1-Progress Transfer Hatch Closure
15:35-15:55	**FE-2**	**On MCC Go** Buffer Volume Compression Prior To Elektron Activation
15:35-15:45	FE-3, FE-6	CWC Audit
15:55-16:55	**CDR**, **FE-1**	DC1-СУ and СУ-Progress Hatch Leak Check
15:55-16:05	**FE-2**	Monitoring temperature of Secondary Purification Unit after Elektron activation
16:05-16:55	**FE-2**	ISS Crew Orientation
16:10-16:20	FE-5	FIR Photo/Video Setup
16:20-16:35	FE-3	DOSIS DOSTEL Voltage Check
16:20-16:30	FE-5	FIR Door Opening
16:30-16:35	FE-5	LMM (Light Microscopy Module) Rotation
16:35-16:45	FE-3	DOSIS DOSTEL Removal
16:35-17:35	FE-6	Physical Exercise T 2
16:35-16:55	FE-5	Bio Kit Removal

16:45-18:15	FE-3	Physical Exercise (ARED)
16:55-18:25	**CDR**	Physical Exercise (TVIS), Day 3
16:55-18:25	**FE-2**	Physical Exercise (VELO), Day 2
16:55-17:05	FE-5	LMM - AFC Door Removal
17:05-17:10	FE-5	Bio Base Removal
17:10-17:20	FE-5	LMM Lens Installation
17:10-17:20	**FE-1**	**TV downlink** showing DC1-Progress 409 interface before hatch closure *(Ku + S-band)*
17:20-17:30	FE-5	LMM Lens Installation
17:30-18:20	**FE-1**	ISS Crew Orientation
17:30-17:35	FE-5	Bio Base Setup
17:35-17:50	FE-6	JPM ATCS Gas Trap Reconfig (step 5)
17:35-17:45	FE-5	AFC Front Door Installation
17:45-17:55	FE-5	LMM Rotation To Operational Position
17:50-18:25	FE-6	Switching TCA Manual Valve
17:55-18:05	FE-5	FIR Rack Doors Close
18:10-18:20	FE-5	ATV Transfers
18:15-18:50	FE-3	Evening Work Prep
18:20-18:50	**FE-1**	Evening Work Prep
18:20-18:25	FE-5	HAM Radio Deactivation
18:25-18:50	**FE-2**, FE-5	Evening Work Prep
18:25-18:35	FE-6	Evening Work Prep
18:30-18:45	**CDR**	URISYS Hardware Setup
18:35-18:50	FE-6	IMS and Stowage Conference
18:45-18:50	**CDR**	Elektron-VM System Monitoring
18:50-19:15		Daily Planning Conference *(S-band)*
19:15-19:55	**CDR**, **FE-1**, **FE-2**, FE-3, FE-5	Pre-sleep
19:15-19:20	FE-6	MPC Power Up
19:20-19:55	FE-6	Pre-sleep
19:55-20:15	.	Conference With Astronaut Office Management
20:15-21:30	**CDR**, **FE-1**, **FE-2**, FE-3, FE-5	Pre-sleep
20:15-21:25	FE-6	Pre-sleep
21:25-21:30	FE-6	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

End of Radiogram