

Radiogram No. 8382u

Form 24 for 02/07/2012

SM 501 [FUEL TANK 1] REFILLING FROM PROGRESS 414 REFUELING SYSTEM USING COMPRESSOR K2. EVA PREPARATION

GMT	CREW	ACTIVITY
06:00-06:10	CDR, FE-2 , FE-4 , FE-6	Morning Inspection
06:00-06:10	FE-1	Morning Inspection. SM ПСС [Caution & Warning Panel] Test
06:00-06:20	FE-5	SOLO. Body Mass Measurement Equipment Setup
06:10-06:40	FE-2 , FE-4 , FE-6	Post-sleep
06:10-06:30	CDR, FE-1	Post-sleep
06:20-06:30	FE-5	SOLO. Body Mass Measurement Run
06:30-06:40	FE-5	Post-sleep
06:30-06:40	CDR	SOLO. Body Mass Measurement Run
06:30-07:30	FE-1	SPRUT-2 Experiment Run
06:40-06:50	CDR	Post-sleep
06:40-07:30	FE-4 , FE-6	BREAKFAST
06:40-06:50	FE-5	Space Linear Acceleration Mass Measurement Device (SLAMMD) Equipment Disassembly
06:40-07:05	FE-2	BREAKFAST
06:50-07:20	FE-5	Post-sleep
06:50-07:35	CDR	BREAKFAST
07:05-07:20	FE-2	On MCC GO БМП Ф2 Absorption Cartridge Regeneration (start)
07:20-07:45	FE-2	BREAKFAST
07:20-07:45	FE-5	BREAKFAST
07:30-07:45	FE-1	BREAKFAST
07:30-07:45	FE-4 , FE-6	Work Prep
07:35-07:45	CDR	D2XS Battery Charge
07:45-08:10		Daily Planning Conference (<i>S-band</i>)
08:10-08:25	FE-6	SPHERES Maintenance Work Area Preparation
08:10-08:35	FE-5	BREAKFAST
08:10-08:25	FE-1	Work Prep
08:10-08:25	CDR	BREAKFAST
08:10-10:00	FE-2	SM Ventilation System Preventive Maintenance. Group B1
08:25-09:05	FE-1 , FE-4	Activation and Inspection of Orlan #4 and #6
08:25-08:35	FE-6	SPHERES Video Camera Setup
08:25-08:50	CDR	Work Prep
08:35-10:15	FE-6	SPHERES - Hardware Prep
08:35-09:05	FE-5	Work Prep
08:50-10:20	CDR	Physical Exercise (ARED)
09:05-09:25	FE-1	DC1 БСС [Spacesuit Interface Unit] Checkout
09:05-09:25	FE-4	ПхО БСС [Spacesuit Interface Unit] Checkout
09:25-10:25	FE-1 , FE-4	Orlan 4 and 6 / DC1 БСС Cooling Loop Separation

09:35-09:50	FE-5	Private Medical Conference
09:50-10:00	FE-5	Portable PFS power on and a 45-minute warm-up
10:00-10:40	FE-2	Filling (Separation) of EDV (KOV) for Elektron from CWC #1083 (5 L), #1077 (40L), #1071 (40L)
10:15-10:25	FE-5	VO2max Video Setup
10:15-11:30	FE-6	CFE Hardware Setup
10:20-11:15	CDR	Physical Exercise T 2
10:25-10:50	FE-5	VO2max Protocol Preparation
10:30-11:30	FE-4	Physical Exercise (ARED)
10:40-11:20	FE-2	COX Maintenance
10:40-11:40	FE-1	Physical Exercise (VELO), Day 1
10:50-11:30	FE-5	VO2 Software Calibrations And Instrument Check
11:15-11:25	CDR	D2XS Battery Charge
11:25-12:55	FE-2	Physical Exercise (TVIS), Day 1
11:25-12:25	CDR	ARFTA Removed Items Restow
11:30-12:10	FE-5	VO2max Experiment Protocol
11:30-13:00	FE-6	Physical Exercise (ARED)
11:40-13:00	FE-1, FE-4	Spacesuit Replaceable Elements Ops
12:10-13:00	FE-5	VO2max - PFS Closeout Ops
12:55-13:00	FE-2	On MCC GO ISS O2 Repress from Progress 414 CpПК (start)
13:00-14:00	.	LUNCH
14:00-14:05	FE-2	ISS O2 repress from Progress 414 CpПК (terminate)
14:00-14:15	FE-5	HRF2. Pulmonary Function System Review
14:00-14:20	FE-6	Answers to the Questions Related to the Failed ARED Cable on GMT 26
14:00-15:00	FE-1	ПxO БCC Cooling Loop Separation using Degassing Pump Unit (БOC)
14:00-15:00	FE-4	Soyuz 703 Hatch Sealing Mechanism (МГK) Ops / r/g 8390
14:00-15:30	CDR	Waste and Hygiene Compartment (WHS) Urine Receptacle and Insert Filter Changeout
14:05-14:25	FE-2	Setup to transfer water from Progress 414 Rodnik Water Tank БB1 to SM Rodnik Water Tank БB1
14:15-14:40	FE-5	HRF2 Pulmonary Function System Setup
14:25-16:25	FE-6	CFE. VG1 Test
14:40-14:50	FE-5	SOLO Retrieving Measurement Pouch from MELFI
14:55-15:00	FE-2	Pump Water from Progress Rodnik 414 Water Tank БB1 to SM Rodnik Water Tank БB1 - Compressor Restart
15:00-15:20	FE-1, FE-4	EVA Equipment Setup
15:10-15:30	FE-2	MATRYOSHKA-R. Monitoring Lulin-5 readings
15:20-16:50	FE-4	Physical Exercise (TVIS), Day 1
15:20-15:50	FE-1	Crew Medical Officer (CMO) Proficiency Training
15:20-15:45	FE-5	LEGOBRICK. OBT
15:30-15:35	FE-2	Pump Water from Progress Rodnik 414 Water Tank БB1 to SM Rodnik Water Tank БB1 - Compressor Restart
15:30-16:10	CDR	BCAT Nikon D2Xs Battery Changeout

15:45-15:55	FE-5	Camera Setup
15:55-16:10	FE-5	HRF2 Pulmonary Function System (PFS) Health Check
16:00-16:15	FE-1	Private Medical Conference (<i>Ku + S-band</i>)
16:05-16:10	FE-2	Pump Water from Progress Rodnik 414 Water Tank 5B1 to SM Rodnik Water Tank 5B1 - Compressor Restart
16:10-16:20	FE-5	HRF2 Pulmonary Function System Stow
16:10-16:40	FE-2	Transfer water from Progress 414 Rodnik Water Tank 5B1 to SM Rodnik Water Tank 5B1 - End
16:25-16:55	FE-6	CFE Teardown
16:35-17:35	CDR	D2Xs Cameras Setup for EVA
16:40-17:30	FE-2	Progress 414 Rodnik Water Tank 5B1 Bladder Compression
16:45-16:50	FE-5	SOLO. Daily Diet Monitoring
16:50-18:20	FE-1	Physical Exercise (TVIS), Day 1
16:50-18:20	FE-5	Physical Exercise (ARED)
16:55-17:10	FE-6	Journal Entry
17:00-17:15	FE-4	Private Medical Conference (<i>Ku + S-band</i>)
17:10-18:05	FE-6	Physical Exercise T 2
17:15-17:35	FE-4	IMS Update
17:35-17:50	CDR, FE-4	D2Xs Cameras Handover for EVA
17:35-17:50	FE-2	Private Medical Conference (<i>Ku + S-band</i>)
17:50-18:50	FE-2	Physical Exercise (VELO), Day 1
17:50-18:05	CDR, FE-4	Tool transfer from USOS to RS in preparation for EVA-30
18:05-18:10	FE-6	Shutting down T2 software to transfer data
18:20-18:30	FE-5	VO2max - PFS Closeout Ops
18:20-18:50	CDR, FE-1, FE-4	DOUG Software Review
18:40-19:20	FE-5	Evening Work Prep
18:50-19:20	CDR, FE-1, FE-2, FE-6	Evening Work Prep
18:50-19:20	FE-4	VZAIMODEISTVIYE Experiment Ops
19:20-19:50	FE-1, FE-2, FE-4, FE-5	Pre-sleep
19:20-19:25	FE-6	P/TV Playback Start
19:20-19:25	CDR	SOLO Daily Diet Monitoring
19:25-19:50	CDR	Pre-sleep
19:25-19:30	FE-6	Display Power down
19:30-19:50	FE-6	Pre-sleep
19:50-20:15		Daily Planning Conference (<i>S-band</i>)
20:15-21:05	FE-2	Pre-sleep
20:15-21:25	FE-6	Pre-sleep
20:15-21:30	CDR	Pre-sleep
20:15-21:30	FE-1, FE-4, FE-5	Pre-sleep

21:05-21:20	FE-2	БМП Ф2 Absorption Cartridge Regeneration (termination)
21:20-21:30	FE-2	URAGAN. FSS PL Battery Charge (start)
21:25-21:30	FE-6	P/TV Playback End
21:30-06:00	.	SLEEP
Task List	FE-1, FE-2, FE-4	URAGAN. Observations and Photography
		ECON. Observations and Photography
		Preparation of reports for Roskosmos site

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 EVA-30 related activities (VHF and S-band)**
- End of Radiogram