

Radiogram No. 5795u

Form 24 for 04/06/2011 - 04/07/2011

**SOYUZ TMA-21 DOCKING TO MRM2**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:05	<b>CDR</b>	Elektron-VM System Monitoring
06:00-06:05	FE-5	Reaction Self Test
06:00-06:05	FE-6	Reaction Self Test
06:05-06:10	<b>CDR</b> , FE-5, FE-6	Morning Inspection
06:10-06:40	<b>CDR</b> , FE-5, FE-6	Post-sleep
06:40-07:30	<b>CDR</b> , FE-6	BREAKFAST
06:40-07:00	FE-5	BREAKFAST
07:00-07:05	FE-5	ISS HAM Radio Setup in SM
07:05-07:20	FE-5	ISS HAM Radio Session from SM
07:20-08:00	FE-5	BREAKFAST
07:30-07:35	FE-6	EKAM WOLF Battery Swap
07:30-08:00	<b>CDR</b>	Work Prep
07:35-08:00	FE-6	Work Prep
08:00-08:15	<b>CDR</b> , FE-5, FE-6	Daily Planning Conference ( <i>S-band</i> )
08:15-08:30	<b>CDR</b>	СУБА-БСПН Log File Dump
08:15-08:25	FE-6	AMS Software Load Start
08:20-08:25	FE-5	AMS Historical Photo
08:25-08:40	FE-6	NPBX Video Tape Exchange
08:25-08:45	FE-5	Work Prep
08:35-08:45	<b>CDR</b>	Maintenance Closures of Vozdukh Valves
08:40-08:50	FE-6	EHS GC/DMS Ops Start
08:45-10:15	FE-5	Periodic Fitness Evaluation - Nom Ops (subject)
08:45-09:25	<b>CDR</b>	Filling EDV [KOV] for Elektron from <b>CWC's 1065, 1083</b>
09:20-09:50	FE-6	Periodic Fitness Evaluation - Nom Ops (assistance)
09:25-10:05	<b>CDR</b>	COX Maintenance
09:55-10:15	FE-6	AMS Software Load Finish.
10:05-10:15	<b>CDR</b>	PAO Hardware Setup
10:15-10:30	<b>CDR</b> , FE-5, FE-6	Crew Prep For PAO
10:30-10:45	<b>CDR</b> , FE-5, FE-6	TV Greetings ( <i>Ku + S-band</i> )
10:45-11:20	FE-6	OGS. Conductivity Measurement
10:45-11:45	<b>CDR</b>	Physical Exercise (ARED)
11:00-11:20	FE-5	OGS. Conductivity Measurement
11:20-11:25	FE-5	Glove Box (MSG) Powerdown
11:25-12:10	FE-5	Node3 Anti-bacterial Filter Remove and Replace
11:35-11:40	FE-6	CGBA-5 Status Check
11:40-11:50	FE-6	MELFI 1 Stage ULF5 Dewar Ice Brick Insert 6
11:45-13:15	<b>CDR</b>	Physical Exercise (TVIS), Day 4

11:50-12:00	FE-6	MELFI 3 Stage ULF5 Ice Brick Insert.
12:00-12:15	FE-6	Private Medical Conference
12:10-12:40	FE-5	Repairs of multi-purpose clamp
12:15-12:20	FE-6	EKAM WOLF Battery Swap
12:20-13:00	FE-6	PGT Checkout
12:40-12:50	FE-5	USOS Window Shutter Close
12:50-13:10	FE-5	ESA Weekly Crew Conference
13:10-13:15	FE-5	HAM Radio Deactivation
13:15-13:30	<b>CDR</b>	Photography of the book "Gagarin's Lesson. I am from Childhood"
13:15-14:15	FE-5	LUNCH
13:25-14:25	FE-6	LUNCH
13:30-14:30	<b>CDR</b>	LUNCH
14:15-14:30	FE-5	Private Family Conference
14:25-14:30	FE-6	EHS Sampling Termination
14:30-18:30	<b>CDR, FE-5</b>	SLEEP
14:30-17:35	FE-6	SLEEP
17:30-00:50	<b>FE-1, FE-2, FE-3</b>	Soyuz ODF Procedure Ops. Start Drying 2 Orlan Suits
17:35-17:50	FE-6	Private Special Conference
17:50-18:30	FE-6	SLEEP
18:30-19:05	FE-6	Personal Hygiene
18:30-19:00	FE-5	Personal Hygiene
18:30-18:35	<b>CDR</b>	Elektron-VM System Monitoring
18:35-19:05	<b>CDR</b>	Personal Hygiene
19:05-19:45	FE-6	IMV Flow Measurement
19:15-19:25	<b>CDR</b>	Monitoring TV signal on SSC1 Laptop during MPEG Streaming Test
19:30-21:00	FE-5	US EVA Tool Preparation
19:40-19:45	<b>CDR</b>	<b>On MCC GO</b> Open БЖ (Liquid Unit) BH2 (after Electron has been deactivated from the ground)
19:45-20:00	FE-6	IMS and Stowage Conference
19:45-20:15	<b>CDR</b>	Photos of Sony Z1, Sony Z7 camcorder connectors and LIV monitor cable
20:00-20:10	FE-6	CWC Audit
20:10-21:30	FE-6	Hardware Prepack for Return on ULF6
21:00-21:05	FE-5	Activation of A31P Laptop
21:05-21:15	FE-5	Battery Stowage Assembly (BSA) Battery Recharge Terminate
21:15-21:30	FE-5	Start EMU Battery Charge
21:30-21:50	FE-5	Start EMU Battery Charge
21:30-23:00	FE-6	Physical Exercise (ARED)
21:45-22:00	<b>CDR</b>	Soyuz / ISS Approach Monitoring
21:50-23:05	FE-5	US EVA Tool Preparation
22:00-22:10	<b>CDR</b>	Activation of TV Signal Monitoring from Soyuz 231
22:10-22:15	<b>CDR</b>	Soyuz / ISS Approach Monitoring
22:15-22:30	<b>CDR</b>	Configure comm for Soyuz 231 docking
22:30-23:20	<b>CDR</b>	Soyuz / ISS Approach Monitoring

23:30-23:40	<b>CDR</b>	TVS Deactivation
23:25-23:30	<b>CDR</b>	<b>On MCC Go</b> Switch MRM2-Soyuz PEV to ЭЛЕКТ УПР (ELECTR CONTR) position
23:40-23:55	FE-5	Removal of test equipment used for <i>Ku-band</i> TV downlink (after docking)
23:55-00:50	FE-5, FE-6	Meal
00:00-00:10	<b>CDR</b>	Post-Docking Comm Reconfig
00:10-01:05	<b>CDR</b>	Meal
00:50-01:00	FE-6	Stow Conductivity Measurement Equipment
00:55-02:10	<b>FE-1, FE-2, FE-3</b>	Soyuz-MRM2 Interface Leak Check
01:05-01:35	<b>CDR</b>	<b>On MCC GO</b> Buffer Volume (БЕ) Pressurization w/ <b>Report to MCC On MCC Go</b> Secondary Combustion Unit Temperature Check ( after Elektron has been activated from the ground)
01:55-02:10	<b>CDR, FE-5, FE-6</b>	TV Report Prep
02:10-02:40	<b>CDR, FE-1, FE-2</b>	Soyuz-MRM2 Hatch Open <b>TV</b> PAO Soyuz 231 Expedition Arrival TV ( <i>Ku + S-band</i> )
02:10-02:40	FE-3, FE-5, FE-6	Hatch Open TV Report"
02:40-03:00	<b>FE-1</b>	Installing quick release screw clamps on the MRM2 side
02:40-02:50	<b>FE-2</b>	Terminate suits 1&2 drying
02:40-02:50	<b>CDR</b>	TV System Deactivation
03:00-03:45		Safety Briefing
03:45-04:45	FE-6	Physical Exercise T 2
03:45-04:00	<b>FE-2</b>	Start drying suit 3 and set up the 1st pair of gloves for drying
03:45-04:00	<b>CDR</b>	Soyuz 230 Gas Analyzer Activation
03:45-04:45	<b>FE-1</b>	Soyuz 231 Deactivation
04:00-04:30	<b>FE-2, FE-3</b>	Crew Quarters (CQ) Outfitting for New Crewmembers
04:00-04:15	<b>CDR</b>	Verify ИП-1 Flow Meter Configuration
04:25-05:55	FE-5	Physical Exercise (ARED)
04:30-04:35	<b>FE-2</b>	Finish drying the first pair of gloves and start drying the second pair
04:45-05:05	<b>FE-2</b>	Soyuz 231 Transfers and IMS Ops
04:45-05:45	<b>FE-1</b>	
05:00-06:30	FE-3, FE-6	Increment 27 Crew Handover
05:05-05:10	<b>FE-2</b>	Terminate drying the second pair of gloves
05:10-05:50	<b>FE-2</b>	Soyuz 231 Transfers and IMS Ops
05:35-06:05	<b>CDR</b>	MATRYOSHKA-R. Transfer and Deploy Differential Pressure Indicator [СПД] Assemblies at Their Exposure Locations
05:50-06:20	<b>FE-1</b>	STRUCTURE LUCH-2 Hardware Transfer, Activation, and Setup
05:50-06:10	<b>FE-2</b>	GINSENG-2 Transfer from Soyuz to MRM2 and set up for exposure
05:55-06:05	FE-5	Terminate EMU Metox Regeneration
06:05-06:20	<b>CDR</b>	STRUCTURE Photography At Exposure Location
06:05-06:15	FE-5	Start EMU Metox Regeneration
06:10-06:25	<b>FE-2</b>	GINSENG-2 Photography At Exposure Location
06:20-06:40	<b>CDR</b>	IMS Update
06:25-06:30	FE-5	HAM Radio Power Up

06:30-06:45	<b>FE-2</b>	Finish drying the third suit, start drying the third pair of gloves
06:30-06:35	FE-6	Node 3 CDRA LTL QD Connect
06:30-06:45	FE-3, FE-5	Evening Work Prep
06:35-06:45	FE-6	Evening Work Prep
06:40-06:45	<b>CDR</b>	Elektron-VM System Monitoring
06:45-07:05		Daily Planning Conference ( <i>S-band</i> )
07:05-08:55	FE-3, FE-5	Pre-sleep
07:05-07:15	<b>FE-2</b>	Pre-sleep
07:05-09:00	<b>CDR</b>	Pre-sleep
07:05-07:20	<b>FE-1</b>	Pre-sleep
07:05-07:10	FE-6	MPC Power Up
07:10-08:50	FE-6	Pre-sleep
07:15-07:20	<b>FE-2</b>	Terminate drying the third pair of gloves
07:20-07:35	<b>FE-1, FE-2</b>	Stow suits and gloves after drying
07:35-09:00	<b>FE-1, FE-2</b>	Pre-sleep
08:50-08:55	FE-6	MPC Power Down
08:55-09:00	FE-5, FE-6	Reaction Self Test
09:00-06:00		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. **Docking Time T = 23:18**  
End of Radiogram