

TK 704A Undocking from MRM1

TIME	CREW	ACTIVITY
11:00-11:10	CDR	Morning Inspection Laptop RS2(1) Reboot Inspection of CM-Y connector on MHP-HC separator pump behind ACV panel 139
11:00-11:10	FE-2	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
11:00-11:10	FE-4	Morning Inspection. RSS1, RSS2 Reboot
11:00-11:10	FE-3,FE-5, FE-6	Morning Inspection
11:10-11:30	.	Post-sleep
11:30-11:55	.	Daily Planning Conference (<i>S-band</i>)
11:55-12:25	CDR,FE-2	BREAKFAST
11:55-12:15	FE-4,FE-5	BREAKFAST
11:55-12:10	FE-6	
11:55-12:05	FE-3	Post-sleep
12:05-12:15	FE-3	Internal Audio Subsystem (IAS) Crew Quarters Audio Cable Configuration Prior to TK 704A Undocking
12:10-12:15	FE-6	Perform a soft powercycle on AQM S/N 1003 and AQM S/N 1004
12:15-13:05	FE-3	BREAKFAST
12:15-12:45	FE-4	Work Prep
12:15-12:30	FE-5	SAMS Laptop Configuration
12:25-12:55	CDR	Work Prep
12:25-12:40	FE-2	Work Prep
12:40-13:00	FE-2	On MCC GO Purging Elektron-VM Liquid Unit (БЖ) After Deactivation
12:45-16:45	FE-4	TK 704A Stowage Ops Photography of TK 704A CA Equipment Setup of GoPro HERO3 cameras in ТПК 704A CA
13:00-13:15	CDR	POLYGEN. Video of fruit flies w/blocked access to food
13:00-13:15	FE-2	POLYGEN. Closeout Ops
13:05-13:35	FE-3	Work Prep
13:10-13:25	FE-5	Private Medical Conference
13:15-13:25	FE-2	POLYGEN. Kit Transfers to TK
13:30-14:00	FE-2	Auxiliary Laptop Anti-Virus Update
13:30-13:45	FE-6	Private Medical Conference
13:35-13:45	FE-3	Treadmill T2 Monthly Inspection
13:45-14:35	FE-3	Encoder Setup in the Lab
13:50-14:20	CDR	ИК0501 Gas Analyzer H2O Readings Adjustments. ИК0501 switch S1 → H2O
13:55-15:05	FE-6	JAXA-PCG - PCG Hardware Disassembly and Handover to Russian Crew for TK Packing
14:10-14:20	FE-2	ARIL. Case Removal from Thermostat (+4 deg C) and Transfer to TK
14:20-14:30	CDR	BIOEMULSIYA. Removal from thermostat (+4 C) and transfer to TK
14:20-14:35	FE-2	CASKAD. Removal of Bioreactor and Transfer to TK

14:25-14:55	FE-5	BCAT6 - Stowage
14:30-14:40	CDR	BIF. Removal from thermostatic container and transfer to TK
14:35-14:55	FE-2	KRISTALLIZATOR. Joint Packing, Acceptance of PCG kits, Transfer to TK for Return
14:35-14:50	FE-3	UBNT - Experiment Session
14:40-14:50	CDR	KRISTALLIZATOR. Photo of PCG Kit Handover from USOS
14:50-16:20	CDR	Physical Exercise (TVIS), Day 1
14:50-14:55	FE-3	Robotics Work Station (RWS) Teardown
14:55-15:10	FE-2	PLAZMIDA. Recomb-K Transfer to CA for return to the ground
15:10-15:20	FE-2	Removal of Recomb-K from Thermostat and Transfer to TK
15:15-15:25	FE-3	Ham Radio Deactivation
15:35-17:05	FE-2	Physical Exercise (ARED)
15:40-17:10	FE-3	Periodic Fitness Evaluation - Nom Ops (subject)
16:15-16:45	FE-5	Periodic Fitness Evaluation - Nom Ops (assistance)
16:45-16:55	FE-4	TK 704A Loading Complete Report
16:55-17:15	FE-4	Photography of the external surface of TK 704A CA-BO hatch-manhole
17:05-17:15	FE-2	Comm config for TK 704A undocking and descent
17:10-17:20	FE-3	USOS Window Shutter Close
17:15-17:30	CDR	Downlink photo of the external surface of TK 704A CA-BO hatch-manhole and return cargo packing photo
17:15-17:25	FE-4	TK 704A Comm Check via S/G2
17:20-18:20	FE-2,FE-3	LUNCH
	FE-5,FE-6	LUNCH
17:25-18:25	FE-4	LUNCH
17:30-18:30	CDR	LUNCH
18:20-19:00	FE-2	COЖ Maintenance
18:20-18:25	FE-3	Video Camera Assembly adjustment in COL for GEOFLOW-2 experiment
18:25-18:40	FE-3	FSL Facility Core Element Lock
18:30-19:30	FE-4,FE-5	Activation of TK 704A, Removal of ССД301 Light in БО TK 704A for SM Spares and Comm Check from TK via S-band Get r/g 2299 from TK Stow ССД301 in bag 407-34. (00050114R, МИМ1_ПБ_407_1, Reflect changes in IMS)
18:40-19:25	FE-3	FSL GEOFLOW-2 Experiment Container Removal and Stowage
19:00-19:20	FE-2	Setup and Activation of КСПЭ Equipment for Hatch Closure TV coverage from MRM1
19:30-19:50	CDR,FE-4	Removal and Inspection of Quick-Release Screw Clamps on MRM1 side
19:50-20:10	CDR,FE-4	TK-MRM1 Hatch Closure. ISS-MCC-M TV TV coverage of Hatch Closure (Ku + S-band)
19:50-20:10	FE-2	ISS-MCC-M TV TV coverage of Hatch Closure from MRM1
19:50-20:10	FE-3, FE-5,FE-6	ISS-MCC-M TV TV coverage of Hatch Closure from MRM1
20:10-21:10	FE-4,FE-5	TK 704A – MRM1 Hatch Leak Check
20:10-20:15	FE-3	P/TV Playback Start

20:15-21:25	FE-3	FSL GEOFLOW-2 Experiment Container Removal and Stowage
21:25-21:30	FE-3	ECP Video By-pass Connector installation on FSL GEOFLOW-2 EC Panel
20:30-20:50	FE-2	Hatch Closure TV Downlink of <i>(Ku + S-band)</i>
20:50-21:00	FE-2	Deactivation of KCPЭ Equipment after Hatch Closure Coverage from MRM1
21:00-21:40	FE-2	CASKAD. Removal of Cryogem-03 and TBU S/N 04
21:10-02:30	FE-4,FE-5, FE-6	TK 704A ODF Ops; Undocking and Descent Ops
21:30-21:40	CDR	TV downlink showing MRM1 - TK Interface Before Hatch Closure <i>(Ku-band)</i>
21:45-21:50	FE-3	P/TV Playback Stop
21:50-22:50	CDR	Pre-sleep
21:50-23:20	FE-3	Physical Exercise (ARED)
22:50-23:35	CDR	Monitor TK Undocking, TK docking assembly photos
23:10-23:20	FE-2	TK 704A Post-Undocking Comm
23:30-00:20	FE-3	Evening Work Prep
23:35-00:20	FE-2	Evening Work Prep
23:35-23:40	CDR	On MCC GO Reconfigure MRM1-TK PEV to CLOSED position
23:40-00:20	CDR	Pre-sleep
00:20-00:30	CDR,FE-2, FE-3	Daily Planning Conference <i>(S-band)</i>
00:30-00:35	FE-3	P/TV Playback Start
00:30-01:30	CDR	ISTOCHNIK-M. Preparations for carrying out measurements. <i>Tagup with specialists (S-band)</i>
00:30-02:30	FE-2	Pre-sleep
00:35-02:35	FE-3	Pre-sleep
01:30-02:10	CDR	ISTOCHNIK-M. Activation of TLM Recording Mode from TK. <i>Tagup with specialists (S-band)</i>
02:10-02:35	CDR	ISTOCHNIK-M Closeout Ops
02:30-02:40	FE-2	Restoring nominal comm config after Soyuz landing
02:35-02:40	FE-3	P/TV Playback Stop
02:40-11:30	CDR,FE-2, FE-3	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. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
 5. **No PE (T2) from 07:00 to 07:30, from 22:10 to 23:46**
 6. **No HAM Radio Ops from 21:20 to 03:20**
- End of Radiogram