

Radiogram No. 0272u

Form 24 for 09/16/2012

**TK 705 Undocking from MRM2**

TIME	CREW	ACTIVITY
12:00-12:05	CDR	Reaction Self Test
12:00-12:05	FE-3	Reaction Self Test
12:00-12:05	FE-6	Reaction Self Test
12:05-12:15	CDR, FE-3, FE-6	Morning Inspection
12:15-12:45	CDR, FE-3, FE-6	Post-sleep
12:45-13:35	CDR, FE-3, FE-6	BREAKFAST
13:00-13:10	<b>FE-1,FE-2</b>	Morning Inspection
13:00-13:10	<b>FE-4</b>	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b> /Manual Controls [PCY], 3.3, p. 3-2
13:10-13:40	<b>FE-1,FE-2,FE-4</b>	Post-sleep
13:35-14:35	CDR	Physical Exercise (T2)
13:35-13:45	FE-6	Closing USOS Window Shutters
13:40-14:30	<b>FE-1,FE-2,FE-4</b>	BREAKFAST
13:45-13:55	FE-6	Ham Radio Deactivation
14:15-15:45	FE-3	Physical Exercise (ARED)
14:40-16:40	<b>FE-1</b>	TK 705 Stowage Ops
15:00-15:10	<b>FE-4</b>	TK 706 Gas Analyzer deactivation
15:00-15:15	<b>FE-2</b>	CASKAD. Bioreactor Removal and Transfer to TK 705
15:40-16:40	<b>FE-4</b>	Physical Exercise (TVIS), Day 4
15:45-16:45	FE-3	Physical Exercise (T2)
16:00-17:30	FE-6	Physical Exercise (ARED)
16:40-17:00	<b>FE-1</b>	Photography of the external surface of TK 705 CA-BO hatch cover
16:50-17:05	FE-3	Private Medical Conference
16:55-17:15	<b>FE-4</b>	КСПЭ Equipment Prep and Connection for TV PAO "Crew Farewell". Hatch Closure
17:00-17:20	<b>FE-1</b>	Downlink TK 705 External Surface of CA-BO TK hatch cover photo via OCA (PCPI)
17:15-17:25	<b>FE-4</b>	Monitoring TV Signal On SSC2 Laptop During MPEG-2 (Ku-band) Transmission Test
17:20-17:30	<b>FE-1</b>	TK 705 Loading Complete Report (S-band)
17:25-17:30	<b>FE-4</b>	MRM2 Comm Config
17:30-17:40		Crew Farewell TV coverage Hatch Closure from MRM2
17:40-18:40		LUNCH
18:40-18:50	<b>FE-1, FE-4</b>	TK 705 Comm Check via RGS (TK VH2)
18:40-18:50	FE-6	Set up D2Xs Camera to photograph S3 channel
18:50-19:00	<b>FE-4</b>	TV System Deactivation. КСПЭ (COSS) Equipment Deactivation
19:00-20:00	<b>FE-1, FE-2</b>	TK 705 Activation, Removal of ССД301 Lights in БО ТПК 705 for SM Spares and Comm Check from TK 705 via S-band (S/G2)

19:00-19:10	<b>FE-4</b>	Comm config for TK №705 Undocking and Descent
19:30-20:00	<b>FE-4</b>	BTX. TBU Removal
20:00-20:20	<b>FE-1, FE-2, FE-3, FE-4</b>	TK 705 - MRM2 Hatch Closure
20:20-21:20	<b>FE-1, FE-2</b>	TK 705- MRM2 hatch leak check
20:30-20:50	FE-6	Photographing power supply component channel 3A from SM window No. 2
20:55-21:05	FE-6	Photographing power supply component channel 3A from MRM2 window
21:05-22:35	CDR	Physical Exercise (ARED)
21:20-03:00	<b>FE-1, FE-2, FE-3</b>	TK 705 ODF Ops, Undocking and Descent
21:20-22:00	<b>FE-4</b>	COX Maintenance. <b>SM and FGB SVO, Sanitary and Hygienic Equipment (CFO), СПКУ ACY Counter, POTOK Air Purification System Data Calldowns</b>
22:00-23:00	<b>FE-4</b>	Pre-sleep
23:00-23:20	<b>FE-4</b>	TK 705 TV Downlink. TV Data Monitoring and Recording on CP SSC2 ( <i>Ku + S-band</i> )
23:00-00:00	FE-6	Physical Exercise (CEVIS)
23:20-23:30	<b>FE-4</b>	Comm Reconfig after TK 705 Undocking
23:30-23:40	<b>FE-4</b>	TVS Deactivation
23:40-23:45	<b>FE-4</b>	<b>On MCC Go</b> Resetting MRM2 CO-TK PEV to <b>CLOSED</b> position
23:45-00:30	<b>FE-4</b>	Pre-sleep
00:00-00:30	CDR, FE-6	Evening Work Prep
00:30-00:45	CDR, <b>FE-4</b> , FE-6	Daily Planning Conference ( <i>S-band</i> )
00:45-01:05	CDR, FE-6	Evening Work Prep
00:50-01:50	<b>FE-4</b>	ISTOCHNIK-M. Preparations for measurements
01:05-03:05	CDR, FE-6	Pre-sleep
01:50-02:30	<b>FE-4</b>	ISTOCHNIK-M. Activation of TK TLM Data Recording. <i>Tagup with specialists (VHf, S-band)</i>
02:30-02:55	<b>FE-4</b>	ISTOCHNIK-M Closeout Ops
03:00-03:10	<b>FE-4</b>	Restoring nominal comm config after TK 705 landing
03:05-03:10	CDR, FE-6	Reaction Self Test
03:10-11:40	CDR, <b>FE-4</b> , FE-6	SLEEP
<b>Task List</b>	<b>FE-4</b>	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: Dinner, Daily food prep, pre-sleep)
  4. **02:01-02:52 – restriction on Physical Exercise T2**
- End of Radiogram