

Radiogram No. 0199u      Form 24 for 09/10/2012  
**TK 705 Descend Crew OBT. TVS Tests from MRM1 and DC1**

GMT	CREW	ACTIVITY
06:00-06:10	<b>CDR</b>	Morning Inspection. <b>SM ПСС [Caution &amp; Warning Panel] Test</b> <i>Inspect CM-Y connector on MHP-HC behind panel 139 ACY</i>
06:00-06:10	<b>FE-2, FE-4</b>	Morning Inspection
06:00-06:05	FE-3	Urine Spot Test
06:00-06:05	FE-5	HRF – stow urine sample collection equipment
06:00-06:05	FE-6	Urine Spot Test
06:05-06:10	FE-3, FE-6	Morning Inspection
06:05-06:10	FE-5	Urine Spot Test
06:10-06:40	<b>CDR, FE-2, FE-4, FE-6</b>	Post-sleep
06:10-06:45	FE-3	Post-sleep
06:10-06:30	FE-5	HRF Urine Sample Collection Subject
06:30-06:35	FE-5	HRF Urine Sample Insertion Into MELFI
06:35-06:45	FE-5	HRF Refrigerated Centrifuge Setup
06:40-07:30	<b>CDR, FE-2, FE-4, FE-6</b>	BREAKFAST
07:00-07:30	FE-3	BREAKFAST
06:45-07:00	FE-3	HRF Sample Collection
06:45-07:05	FE-5	HRF Sample Collection
07:05-07:15	FE-5	Morning Inspection
07:15-07:25	FE-5	HRF Refrigerated Centrifuge Configuration
07:25-07:30	FE-5	Post-sleep
07:30-07:55		Daily Planning Conference ( <i>S-band</i> )
07:55-08:05	<b>CDR, FE-3</b>	Work Prep
07:55-08:05	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
07:55-08:00	<b>FE-4</b>	Work Prep
07:55-08:00-	FE-5	HRF - HRF Refrigerated Centrifuge Spin Terminate
07:55-08:15	FE-6	Work Prep
08:00-08:20	<b>FE-4</b>	TV Test from MRM1 using КСПЭ Sony HVR-Z7E camcorder
08:00-08:10	FE-5	Nutrition and Repository – placing blood samples in MELFI freezer
08:05-08:35	<b>CDR, FE-2, FE-3</b>	KENTAVR Fit Check
08:05-08:20	FE-5	Post-sleep
08:15-08:25	FE-6	REBR OBT
08:20-08:35	<b>FE-4</b>	Work Prep
08:25-08:40	FE-6	HMS – questionnaire on mood changes profile
08:35-08:45	<b>CDR, FE-2, FE-3</b>	Private Medical Conference with Kentavr Specialist
08:35-09:35	<b>FE-4</b>	Locating Equipment to set up the config and conduct PCE (МБРЛ)

		tests
08:35-09:25	FE-5	BREAKFAST
08:45-09:45	FE-3, FE-6,	SSRMS Ops
08:55-10:55	<b>CDR , FE-2,</b>	TPIK 705 Descent simulation and consultation for return equipment list and stowage
09:25-09:40	FE-5	Work Prep
09:35-09:50	FE-4	Test TV-session from MRM1 using Sony HVR-Z7E KCP3 video camera
09:40-09:50	<b>FE-5</b>	CIR Alignment Guide Removal
09:45-10:45	FE-6	Physical Exercise (T2)
09:50-10:35	FE-5	VO2max – partial PFS prep
09:55-10:25	<b>FE-4</b>	Preparing SM panels 225 and 226 for installation of PCE and БУАП units
10:00-11:30	FE-3	Physical Exercise (ARED)
10:25-11:55	<b>FE-4</b>	Physical Exercise (TVIS), Day 1
10:45-11:00	FE-6	SSIPC Flight / ISS Crew Conference
10:45-11:45	FE-5	Physical Exercise (T2)
10:55-11:45	<b>CDR</b>	Departure Prep Time
10:55-11:15	<b>FE-2</b>	Flushing TKF 416 5B2 Tank Line
11:05-12:50	FE-6	HTV. Cargo transfer ops
11:30-12:45	FE-3	ICV Monitoring Start
11:40-12:55	<b>FE-2</b>	Physical Exercise (ARED)
11:45-13:00	<b>CDR</b>	Physical Exercise (TVIS), Day 1
11:45-11:55	FE-5	ICV Start Operator Assistance
11:55-12:35	<b>FE-4</b>	COX Maintenance
11:55-12:10	FE-5	HRF – start stowing blood sample collection and processing equipment
12:10-12:20	FE-5	ICV Start Operator Assistance
12:20-12:40	FE-5	HRF - urine sample collection, subject
12:55-13:55	<b>FE-4</b>	LUNCH
12:40-12:45	FE-5	HRF – placing urine samples into MELFI
12:45-12:55	FE-3	ICV - 10-Minute Resting Event
12:50-13:50	FE-5,FE-6	LUNCH
12:55-13:55	FE-2,FE-3	LUNCH
13:00-14:00	<b>CDR</b>	LUNCH
13:40-15:55	<b>FE-4</b>	Private Medical Conference ( <i>Ku+S-band</i> )
13:50-13:55	FE-5	PROK. Diet Logfile and PH Logsheet Photography
13:50-13:55	FE-6	PROK - Diet Logging (Day 1)
13:55-14:10	<b>FE-2</b>	Private Medical Conference ( <i>Ku + S-band</i> )
13:55-14:00	FE-3	PROK Diet Logging (Day 2-4)
13:55-14:15	FE-5	HRF - Stow Urine Collection Equipment
13:55-14:50	FE-6	HTV. Cargo Transfer Ops

14:00-14:40	<b>FE-4</b>	VIZIR. Experiment
14:10-15:10	<b>CDR</b>	Kulonovskiy Kristall Experiment Ops
14:15-15:15	<b>FE-2</b>	Departure Prep Time
14:15-14:30	FE-3	Private Medical Conference
14:15-14:55	FE-5	T2 – Quarterly maintenance
14:30-15:30	FE-3	Preparation for return
14:40-15:10	<b>FE-4</b>	Auxiliary Laptop Anti-Virus Update
14:50-15:00	FE-6	HTV Cargo Transfer Conference
15:00-15:10	FE-5	Equipment Prep for PAO
15:10-15:40	<b>CDR</b>	KULONOVSKIY KRISTALL. Data Downlink via PCПИ and Teardown
15:10-15:35	<b>FE-4</b>	On-orbit Hearing Assessment using EARQ
15:10-15:20	FE-5	Crew Prep for PAO Event
15:10-16:40	FE-6	PE (ARED)
15:20-16:05	<b>FE-2</b>	ASEPTIC. Photography of samples after incubation
15:20-15:40	FE-5	PAO Event
15:30-15:35	FE-3	ICV-3H MAKITA Battery Changeout
15:35-16:35	FE-3	PE (CEVIS)
15:40-15:55	<b>CDR</b>	Private Medical Conference ( <i>Ku+S-band</i> )
15:40-15:55	FE-5	BCAT-C1 Image Transfer and Camera Intervalometer Set
15:40-17:10	<b>CDR, FE-4</b>	Handover
16:05-16:35	<b>FE-2</b>	ASEPTIC Photo Edit and Downlink
16:05-17:05	FE-5	Hardware Prepack for Return on 30S
16:35-18:20	FE-3	Hardware Prepack for Return on 30S
16:35-17:50	<b>FE-2</b>	Physical Exercise (TVIS), Day 4
16:40-18:40	FE-6	Hardware Prepack for Return on 30S
17:05-18:35	FE-5	PE (ARED)
17:10-18:10	<b>FE-4</b>	Physical Exercise (VELO), Day 1
17:25-18:25	<b>CDR</b>	Physical Exercise T2
17:50-18:10	<b>FE-2</b>	IMMUNO. Setting up Saliva-Immuno Kit for experiment ops
18:10-18:30	<b>FE-2</b>	Evening Work Prep
18:10-18:30	<b>FE-4</b>	IMS Update
18:25-18:40	<b>CDR</b>	Post-Exercise Hygiene Procedure
18:30-18:40	<b>FE-2</b>	CASKAD. Manual Mixing in Bioreactor
18:30-18:40	<b>FE-4</b>	Evening Work Prep
18:35-18:40	FE-3	ICV-3H MAKITA Battery Changeout
18:35-18:40	FE-5	Shutting down T2 software to transfer data
18:40-19:05		Daily Planning Conference ( <i>S-band</i> )
19:10-19:30		Crew conference with Astronaut Office
19:30-21:30	<b>CDR, FE-2, FE-4, FE-6,</b>	Pre-sleep

19:30-19:35	FE-3,FE-5	P/TV Playback Start
19:35-21:20	FE-3	Pre-sleep
19:35-21:25	FE-5	Pre-sleep
21:20-21:25	FE-3	ICV-3H MAKITA Battery Changeout
21:25-21:30	FE-3	P/TV Playback Stop
21:25-21:30	FE-5	VO2max – protocol reminder
21:30-06:00		SLEEP
<b>Task List</b>	<b>CDR, FE-4</b>	Photography of disaster area
		ECON Observations and Photography
	<b>CDR, FE-2, FE-4</b>	Preparation of reports for Roskosmos site
	<b>FE-4</b>	MRM1_ ЛБ_206_1 area audit for installation of Sharovoi Fantom scientific experiment

**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