Radiogram No. 9760u Form 24 for 07/20/2012 DC1-CY and CY-TKГ 415 Hatch Closure. Leak Check. RS Attitude Control Thrusters (ДО) Inhibit

GMT	CREW	ACTIVITY
06:00-06:10	FE-2	Morning Inspection. SM ΠCC [Caution & Warning Panel] Test
06:00-06:10	CDR, FE-5, FE-6	Morning Inspection
06:00-06:10	FE-4	SONOCARD Experiment Termination
06:00-06:05	FE-3	Urine Spot Test
06:05-06:10	FE-3	Morning Inspection
06:10-06:40	CDR, FE-2 , FE-3, FE-5, FE-6	Post-sleep
06:10-06:20	FE-4	Morning Inspection
06:20-06:50	FE-4	Post-sleep
06:40-07:30	CDR, FE-2 , FE-3, FE-5, FE-6	BREAKFAST
06:50-07:30	FE-4	BREAKFAST
07:30-07:55		Daily Planning Conference (S-band)
07:55-08:10		ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference (S-band)
08:10-08:30	FE-6	Work Prep
08:10-08:25	FE-5	Work Prep
08:10-08:30	FE-3	Work Prep
08:10-08:25	CDR, FE-2, FE-4	IMS Tagup (S-band)
08:25-08:45	CDR, FE-4	Work Prep
08:25-11:25	FE-2	TIPOLOGIYA. Experiment Ops. Tagup with specialists (S-band)
08:25-09:15	FE-5	ICV Monitoring Prep
08:30-09:00	FE-6	Psychological Evaluation Program (WinSCAT)
08:30-09:10	FE-3	RFTA Reconfiguration For Urine Processing
08:45-09:00	FE-4	SONOCARD Data Copy to RSE-MED Laptop and Data Downlink Using OCA
08:45-09:00	CDR	TYPOLOGIA Experiment Assistance
09:00-09:10	CDR	TYPOLOGIA Photography
09:00-10:00	FE-4	Familiarization with the station
09:00-10:00	FE-6	Crew Time for ISS Adaptation and Familiarization
09:10-09:25	FE-3	PHS Evaluation Setup
09:10-10:40	CDR	Physical Exercise (TVIS), Day 1
09:25-09:40	FE-5	Periodic Health Status - Assistance
09:25-09:40	FE-3	Periodic Health Status - Subject
09:40-11:05	FE-5	ICV Monitoring Start
09:40-10:00	FE-3	Periodic Health Status (PHS) Data Entry and Hardware Stowage
10:00-10:10	FE-4	Printout of Additional ATV System Operations Procedure
10:05-10:15	FE-3	ICV Start Operator Assistance

FF 2	ICV/ Photography of LICD
	ICV. Photography of HISD
	ICV Start Operator Assistance
	СОЖ Maintenance
	ICV - 10-Minute Resting Event
	Periodic Fitness Evaluation - Nom Ops (subject)
	Pre-gather equipment for Reversible Figures Experiment
	Progress 415 Stowage and IMS Ops
	ARED Exercise Procedure Introduction
FE-2	Physical Exercise (ARED)
FE-6	Periodic Fitness Evaluation - Nom Ops (assistance)
FE-4	Physical Exercise (VELO), Day 1
CDR	Progress 415 Stowage Completion Report
FE-3	Photo/TV Robotics On-Board Trainer (ROBoT) Video Setup for HTV ROBoT
FE-3	Setup for Robotics OBT
FE-3, FE-5, FE-6	HTV Rendezvous and Capture OBT
FE-2	SEINER Ocean Observations
CDR	Photo Spectral System (ΦCC) Log-file Dump
FE-3, FE-5, FE-6	ROBOT OBT Debrief Conference
FE-3	Stow Video Equipment Used during ROBoT
	LUNCH
FE-5, FE-6	Food Frequency Questionnaire
FE-3	PROK Diet Logging (Day 1)
FE-2	MRM1 Comm Config
CDR, FE-4	SG1 Comm Check from ISS RS. Tagup with specialists (S-band)
FE-3	CEVIS SODF Cue Card Print
FE-2	Replacement of two Flood Lights and Power Supply Units СД1-7 in MRM1 (A82, 307, A83, 305). <i>Tagup with specialists (S-band)</i>
FE-6	CEVIS USB Removal
FE-3	Journal Entry
FE-5	ICV-3H MAKITA Battery Changeout
FE-4	Crew time for ISS adaptation and orientation
CDR	ON MCC GO Removal of ЛКТ (ТА251М1Б) and ΠЗУ in ТКГ 415. Stow at CM1PO_3_314_1, bag #353-8 (00037141R). Update IMS
FE-3	WHC ЕДВ-СВ Manual Fill
FE-6	Private Medical Conference
FE-5	RVF. Experiment Protocol Execution
FE-6	LAB105AFT Stowage Reconfiguration
FE-3	Crew Medical Officer (CMO) Proficiency Training
FE-4	Physical Exercise (TVIS), Day 1
CDR	Physical Exercise (VELO), Day 1
CDK	FIIVSICAL EXELCISE (VELO). DAV I
	FE-4 CDR FE-3 FE-3 FE-3, FE-5, FE-6 FE-2 CDR FE-3 FE-6 FE-3 FE-2 CDR, FE-4 FE-3 FE-6 FE-3

16:30-16:35 FE-2 Comm reconfig for nominal ops following MRM1 activities 16:35-17:15 FE-2 IDENTIFIKATSIYA. Copy IMMY-IL micro-accelerometer data to laptop 16:55-17:15 FE-3 NODE2 Hatch Unlatch 17:10-17:30 CDR IMS Update 17:10-17:35 FE-2 Physical Exercise (TVIS), Day 4 17:20-17:35 FE-5 Journal Entry 17:30-18:20 FE-3 Physical Exercise (ARED) 17:30-19:00 FE-3 Physical Exercise (ARED) 17:40-17:45 FE-5 CEVIS USB Removal 17:40-17:45 FE-5 CEVIS USB Removal 17:45-18:40 FE-5 Crew Time for ISS Adaptation and Familiarization 17:50-18:20 FE-4 VZAIMODEISTVIEY Experiment Ops 18:00-19:00 FE-6 VO2 Kit Consolidation 18:20-18:40 CDR, FE-4 OL1-TKT 415 Hatch Closure 18:45-18:55 FE-5 ICV-3H MAKITA Battery Changeout 18:45-18:55 FE-5 ICV-3H MAKITA Battery Changeout 19:00-20:00 CDR, FE-4 On MCC Go DC1-Cy and Cy-TKF 415 Hatch Leak Check 19:00-20:0	16:30-16:45	FE-5	Private Medical Conference
16:35-17:15 FE-2 IDENTIFIKATSIYA. Copy I/MY-IL micro-accelerometer data to laptop 16:55-17:15 FE-3 NODE2 Hatch Unlatch 17:10-17:30 CDR IMS Update 17:10-17:30 FE-2 Physical Exercise (TVIS), Day 4 17:20-17:35 FE-5 Journal Entry 17:30-19:00 FE-3 Physical Exercise (ARED) 17:35-18:20 CDR TK 1415 activation, air duct removal 17:40-17:45 FE-5 CEVIS USB Removal 17:45-18:45 FE-5 Crew Time for ISS Adaptation and Familiarization 17:50-18:20 FE-4 VZAIMODEISTVIEY Experiment Ops 18:00-19:00 FE-6 VO2 Kit Consolidation 18:20-18:40 CDR, FE-4 DC1-TKT 415 Hatch Closure 18:40-19:00 CDR, FE-4 DC1-TKT 415 Hatch Closure 18:40-19:00 CDR, FE-4 DC1-TKT 415 Hatch Closure 18:45-19:40 FE-5 Evening Work Prep 19:00-20:00 CDR, FE-4 Evening Work Prep 19:00-19:45 FE-3 Evening Work Prep 19:20-19:40 FE-3 Evening Work Prep 19:40-19:45 FE-3 Evening Work Prep 19:40-19:45 FE-3 Private Psychological Conference 19:40-19:45 FE-3 Private Psychological Conference 19:40-19:45 FE-3 Private Psychological Conference 19:40-20:25 FE-4 Pre-sleep 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 Private Psychological Conference 19:40-20:25 FE-3 Pre-sleep 19:40-20:25 FE-4 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:25 FE-5 Pre-sleep 20:00-20:26 FE-5 Pre-sleep 20:00-20:27 Pre-sleep 20:00-20:00 Pre-sleep 20:00-20:00 Pre-sleep 20:00-20:00 Pre-sleep 20:00-20:00 Pre-sleep 20:00-20:00 Pre-sleep 20:00-20:00 Pre-sleep			
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17:45-18:45 FE-5 Crew Time for ISS Adaptation and Familiarization 17:50-18:20 FE-4 VZAIMODEISTVIEY Experiment Ops 18:00-19:00 FE-6 VO2 Kit Consolidation 18:20-18:40 CDR, FE-4 ON MCC GO Remove Quick Release Screw Clamps (3B5) on DC1 CTA - TKT 415 Interface, Inspect and Stow 18:40-19:00 CDR, FE-4 DC1-TKT 415 Hatch Closure 18:45-18:55 FE-5 ICV-3H MAKITA Battery Changeout 18:45-18:55 FE-5 Evening Work Prep 19:00-20:00 CDR, FE-4 On MCC Go DC1-CY and CY- TKT 415 Hatch Leak Check 19:00-19:45 FE-2, FE-6 Evening Work Prep 19:00-19:25 FE-3 Evening Work Prep 19:40-20:25 FE-5 Pre-sleep 19:40-20:25 FE-5 Pre-sleep 19:40-20:25 FE-6 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKT 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:20-20:21:10 Filipht Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 22:25-22:30 FE-5 Pre-sleep 22:25-22:30 FE-6 FF-9 Pre-sleep 22:25-22:30 FE-3 PrTV Playback Stop 22:25-22:30 FE-3 PTV Playback Stop 23:45-25-45-45-45-45-45-45-45-45-45-45-45-45-45			· · · · · · · · · · · · · · · · · · ·
17:50-18:20 FE-4 VZAIMODEISTVIEY Experiment Ops 18:20-18:40 CDR, FE-4 CDR, FE-4 18:40-19:00 CDR, FE-4 DC1-TKΓ 415 Interface prior to DC1-CY hatch closure / CDR			
18:00-19:00 FE-6			•
18:20-18:40 CDR, FE-4 CDR, FE-4 CDR, FE-4 CDR, FE-4 CDR, FE-4 DC1-TKF 415 Interface, Inspect and Stow 18:40-19:00 CDR, FE-4 DC1-TKF 415 Hatch Closure 18:45-18:55 FE-5 ICV-3H MAKITA Battery Changeout 18:55-19:40 FE-5 Evening Work Prep 19:00-20:00 CDR, FE-4 DMCC Go DC1-CY and CY-TKF 415 Hatch Leak Check 19:00-19:45 FE-2,FE-6 Evening Work Prep 19:00-19:25 FE-3 Evening Work Prep 19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKF 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:25 FE-3 FE-5 Pre-sleep 21:10-22:30 FE-5 FE-4 FE-6 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 24:00-00:00 SLEEP 25:00-00-00 SLEEP ECON. Observations and Photography ECON. Photography of Flooding in Kuban			·
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18:55-19:40 FE-5 Evening Work Prep 19:00-20:00 CDR, FE-4 On MCC Go DC1-CY and CY- TKΓ 415 Hatch Leak Check 19:00-19:45 FE-2, FE-6 Evening Work Prep 19:00-19:25 FE-3 Evening Work Prep 19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-4 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKΓ 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 21:10-22:30 FE-5 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:20-06:00 SLEEP ECON. Observations and Photography ECON.	18:40-19:00	CDR, FE-4	DC1-TKΓ 415 Hatch Closure
19:00-20:00 CDR, FE-4 On MCC Go DC1-CY and CY- TKΓ 415 Hatch Leak Check 19:00-19:45 FE-2,FE-6 Evening Work Prep 19:00-19:25 FE-3 Evening Work Prep 19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-3, FE-3, FE-3 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKΓ 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:30 FE-3, FE-5 Pre-sleep 21:10-22:30 FE-5 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP ECON. Observations and Photography ECON. Photography of Flooding in Kuban	18:45-18:55	FE-5	ICV-3H MAKITA Battery Changeout
19:00-19:45 FE-2,FE-6 Evening Work Prep 19:00-19:25 FE-3 Evening Work Prep 19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-3, FE-3, FE-3, FE-6 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CτA-TKΓ 415 Interface prior to DC1-CV hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 21:10-22:30 FE-5, FE-2, FE-4, FE-6 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP COR ECON. Observations and Photography ECON. Photography of Flooding in Kuban	18:55-19:40	FE-5	Evening Work Prep
19:00-19:25 FE-3 Evening Work Prep 19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-4 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKF 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Fight Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 21:10-22:30 CDR, FE-2, FE-4, FE-6 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP CON. Observations and Photography ECON. Photography of Flooding in Kuban	19:00-20:00	CDR, FE-4	On MCC Go DC1-СУ and СУ- ТКГ 415 Hatch Leak Check
19:25-19:40 FE-3 Private Psychological Conference 19:40-20:25 FE-5 Pre-sleep 19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-6, FE-6, FE-6 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CτΑ-ΤΚΓ 415 Interface prior to DC1-CУ hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 21:10-22:30 CDR, FE-2, FE-4, FE-6 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP CDR Task List CDR	19:00-19:45	FE-2 ,FE-6	Evening Work Prep
19:40-20:25	19:00-19:25	FE-3	Evening Work Prep
19:40-19:45 FE-3 P/TV Playback Start 19:45-20:25 FE-4 Pre-sleep 20:00-20:25 FE-4 Pre-sleep 20:00-20:10 CDR TV downlink showing DC1 CTA-TKΓ 415 Interface prior to DC1-CY hatch closure (Ku + S-band) 20:10-20:25 CDR Pre-sleep 20:25-20:50 Daily Planning Conference (S-band) 20:50-21:10 Flight Director/ISS Crew Tagup 21:10-22:25 FE-3, FE-5 Pre-sleep 21:10-22:30 CDR, FE-2, FE-4, FE-6 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP CON. Observations and Photography ECON. Photography of Flooding in Kuban	19:25-19:40	FE-3	Private Psychological Conference
19:45-20:25	19:40-20:25	FE-5	Pre-sleep
FE-6	19:40-19:45	FE-3	P/TV Playback Start
TV downlink showing DC1 CTA-TKF 415 Interface prior to DC1-CY hatch closure (Ku + S-band)	19:45-20:25		Pre-sleep
Column	20:00-20:25	FE-4	Pre-sleep
Daily Planning Conference (S-band)	20:00-20:10	CDR	
Pre-sleep Pre-	20:10-20:25	CDR	Pre-sleep
21:10-22:25	20:25-20:50		Daily Planning Conference (S-band)
CDR, FE-2, FE-4, FE-6 Pre-sleep 22:25-22:30 FE-5 ICV-3H MAKITA Battery Changeout 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP CDR ECON. Observations and Photography ECON. Photography of Flooding in Kuban	20:50-21:10		Flight Director/ISS Crew Tagup
FE-4, FE-6 Pre-sleep 22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 CDR FE-4, FE-6 Pre-sleep ICV-3H MAKITA Battery Changeout P/TV Playback Stop SLEEP ECON. Observations and Photography ECON. Photography of Flooding in Kuban	21:10-22:25	FE-3, FE-5	Pre-sleep
22:25-22:30 FE-3 P/TV Playback Stop 22:30-06:00 SLEEP ECON. Observations and Photography ECON. Photography of Flooding in Kuban	21:10-22:30		Pre-sleep
22:30-06:00 SLEEP ECON. Observations and Photography ECON. Photography of Flooding in Kuban	22:25-22:30	FE-5	ICV-3H MAKITA Battery Changeout
Task List ECON. Observations and Photography ECON. Photography of Flooding in Kuban	22:25-22:30	FE-3	P/TV Playback Stop
Task List ECON. Photography of Flooding in Kuban	22:30-06:00		SLEEP
Task List ECON. Photography of Flooding in Kuban		CDB	ECON. Observations and Photography
CDR, FE-2 Preparation of reports for Roskosmos site	Task List	ODK	ECON. Photography of Flooding in Kuban
		CDR, FE-2	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 End of Radiogram