

Radiogram No. 1464u

Form 24 for 10/19/09

**Upgrading TORU application to new version (v.2.1) on RSK1 Laptop**

<b>GMT</b>	<b>CREW</b>	<b>ACTIVITY</b>
06:00-06:10	CDR, <b>FE-1</b> , FE-2, <b>FE-3</b>	Morning Inspection
06:00-06:05	FE-5	REACTION Self Test
06:00-06:05	FE-4	Pill Ingestion
06:05-06:10	FE-4, FE-5	Morning Inspection
06:10-06:40	.	Post-sleep
06:40-07:30	.	BREAKFAST
07:30-07:45	.	Work Prep
07:45-08:10	.	Daily Planning Conference ( <i>S-band</i> )
08:10-08:55	FE-4	WHC Configuration
08:10-10:10	<b>FE-1</b>	Progress 403 Unloading and IMS Updates
08:15-08:25	CDR	Glove Box (MSG) Activation
08:15-08:30	<b>FE-3</b>	<b>On MCC GO БМП Φ1 Absorption Cartridge Regeneration (start)</b>
08:30-10:30	<b>FE-3</b>	Progress 403 unloading and IMS updates
08:30-08:40	FE-5	MAKITA Battery Recharge
08:40-09:55	FE-5	HTV1 Cargo Transfers to JLP
08:40-10:40	CDR	
08:40-10:10	FE-2	Physical Exercise (ARED)
08:55-09:05	FE-4	EHS GC/DMS Ops Start
09:05-09:20	FE-4	Set up video equipment to record ARED exercise
09:20-10:20	FE-4	Physical Exercise (TVIS)
09:55-10:00	FE-5	MAKITA Battery Swap/Recharge
10:00-11:00	FE-5	HTV1 Cargo Transfers to JLP
10:10-10:30	FE-2	Updating the date and time on the T2 display and checking T2 Rack Power Switch position
10:10-11:10	<b>FE-1</b>	Installation of Local Temperature Sensor Switching Unit [ЛКТ] in Progress 403 ( <b><i>Install TA251M1Б #1417726327 with mounted Memory Device [ПЗУ] TA765Б #1417726934, CM1PO_3_314_1, bag 353-8, b/c 00037141R). Update the IMS</i></b> )
10:20-11:50	FE-4	Physical Exercise (ARED)
10:30-11:30	<b>FE-3</b>	Physical Exercise (TVIS), day 2
10:40-11:40	CDR	Physical Exercise (CEVIS)
11:00-11:05	FE-5	MAKITA Battery Swap/Recharge
11:05-12:05	FE-5	Crew time for ISS adaptation and orientation
11:10-12:10	<b>FE-1</b>	Physical Exercise (VELO), day 1
11:30-12:00	<b>FE-3</b>	Hygiene Procedures
11:40-13:10	CDR	Physical Exercise (ARED)
11:50-12:05	FE-4	Stow Video Equipment Used for ARED Exercise Video
11:55-12:10	FE-2	CEVIS Teardown
12:05-12:10	FE-4	AED Inspection
12:05-12:10	FE-5	MAKITA Battery Swap/Recharge

12:10-12:25	<b>FE-1</b>	Replacing ИK0501 CO2 Filter Unit (БФ). ( <i>Install БФ # 095, b/c 00048546R, CM1PO_4_449_1 bag 363-25</i> ). Discard the removed unit. <i>Update the IMS</i>
12:10-12:15	FE-2	Temp Stow TOCA and EDV
12:10-13:10	<b>FE-3</b>	Upgrading TORU application to new version (v.2.1) on RSK1 Laptop. <i>Tagup with specialists as necessary (S-band)</i>
12:10-13:10	FE-5	Physical Exercise (TVIS)
12:15-13:10	FE-2,FE-4	FIR Aris Rack Installation
12:40-13:00	<b>FE-1</b>	IMS Update
13:10-14:10	.	LUNCH
14:10-14:15	FE-4	Terminate EHS GC/DMS Ops
14:10-14:50	<b>FE-1</b>	COЖ Maintenance
14:10-14:25	FE-5	MELFI-2 Electronic Unit QD Troubleshooting
14:10-17:55	FE-2	FIR Aris Rack Installation
14:10-15:10	<b>FE-3</b>	ODF Replacement
14:15-14:45	FE-4	FIR Aris Rack Installation
14:20-18:20	CDR	HTV1 Cargo Transfers to JLP
14:35-14:40	FE-5	MAKITA Battery Stow
14:45-15:55	FE-4	FIR Aris Rack Installation
14:45-15:00	FE-5	MAKITA Battery Stow
14:50-15:50	<b>FE-1</b>	Installation of aerosol filters in the Elektron-VM system loop. <i>Tagup with specialists as necessary (S-band)</i>
15:00-15:50	FE-5	ICV Monitoring Prep
15:10-15:20	<b>FE-3</b>	PLANTS-2. Photography
15:30-16:30	<b>FE-3</b>	Physical Exercise (ARED)
15:50-16:05	FE-5	EKAM Power Supply Relocate from Lab to Node 1
15:50-16:00	<b>FE-1</b>	<b>ON MCC GO</b> Monitoring Secondary Combustion Unit Temperature After Elektron Activation
15:55-18:10	FE-4	FIR Aris Rack Installation
16:05-17:05	<b>FE-1</b>	Crew time for ISS adaptation and orientation
16:30-18:00	FE-5	Physical Exercise (ARED)
16:40-17:10	<b>FE-3</b>	Transfer of A31P Laptop Power Supply Unit to ISS RS
17:05-18:05	<b>FE-1</b>	Physical Exercise (TVIS), day 1
17:10-17:50	<b>FE-3</b>	Auxiliary Laptop Anti-Virus Update
17:55-18:10	FE-2	CEVIS installation
18:00-18:45	FE-5	EarthKAM Setup, Activation
18:05-18:35	<b>FE-1</b>	Hygiene Procedures
18:10-18:15	FE-2	Restow TOCA and EDV
18:10-18:20	FE-4	FIR Rack Disconnect
18:15-19:15	FE-2	Physical Exercise (TVIS)
18:15-19:05	<b>FE-3</b>	Evening Work Prep
18:20-19:05	FE-4	
18:25-18:40	CDR	HTV1 Cargo Tagup
18:35-19:05	<b>FE-1</b>	Evening Work Prep
18:40-19:00	CDR	
18:45-19:00	FE-5	ARED Cylinder Flywheel Evacuation

19:00-19:10	CDR,FE-5	Photography of the EarthKAM position relative to ARED for exercise protocol assessment
19:05-19:15	<b>FE-1,FE-3,FE-4</b>	Pre-sleep
19:10-19:15	CDR	MPC Power Up
19:10-19:15	FE-5	Transfer TVIS, CEVIS, and HRM data to MEC
19:15-19:40	.	Daily Planning Conference ( <i>S-band</i> )
19:40-21:25	CDR,FE-5	Pre-sleep
19:40-21:30	FE-1,FE-2	
19:40-21:15	<b>FE-3</b>	
19:40-20:00	FE-4	Crew Discretionary Conference ( <i>Ku+S-band</i> )
20:00-21:30	FE-4	Pre-sleep
21:15-21:30	<b>FE-3</b>	БМП Φ1 Absorption Cartridge Regeneration (termination)
21:25-21:30	FE-5	REACTION Self Test
21:25-21:30	CDR	MPC Power Down
21:30-06:00	.	SLEEP
<b>Task List</b>	<b>FE-3</b>	PLANTS-2 Payload Status Check

**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: dinner, daily food prep, evening toilet
- End of Radiogram