

Radiogram No. 2164u

Form 24 for 04/26/2013

TKF 419 Docking to the SM Aft

TIME	CREW	ACTIVITY
06:00-06:10	FE-6	Morning Inspection
06:00-06:05	FE-3	PROK - Urine Spot Test
06:00-06:10	CDR	BCAT -Camera Battery Changeout
06:00-06:10	FE-1	Morning Inspection. RSS1(RSS2) Reboot
06:00-06:10	FE-4	Morning Inspection. SM ПСС (Caution & Warning Panel) Test
06:00-06:10	FE-2	Morning Inspection. Reboot Laptop RS2(1)
06:05-06:15	FE-3	Morning Inspection
06:10-06:40	FE-1, FE-2, FE-4, FE-6	Post-sleep
06:10-06:20	CDR	EKAM Battery Swap
06:15-06:45	FE-3	Post-sleep
06:20-06:45	CDR	Post-sleep
06:40-07:30	FE-1, FE-2, FE-4, FE-6	BREAKFAST
06:45-07:35	CDR, FE-3	BREAKFAST
07:35-08:00		Daily Planning Conference (<i>S-band</i>)
08:00-08:15		ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference (<i>S-band</i>)
08:15-08:30	FE-6	ARED Flywheel Cylinder Evacuation
08:15-08:25	FE-3	Glove Box (MSG) Activation
08:15-08:25	CDR	CIRCADIAN RHYTHMS - Hardware Replacement
08:25-08:50	CDR	WRM Condensate Pumping Start
08:30-09:30	FE-2	Replacement of SM ПФ1-4 Dust Filter Cartridge (ФГБ1ПГО_2_224_1, bag (00050788R)) Update IMS.
08:30-08:45	FE-1, FE-4	IMS Tagup (<i>S-band</i>)
08:35-09:15	FE-3	RGN-REC TK – Transfer and Replacement
08:40-09:55	FE-6	Capillary Flow Experiments (CFE) Hardware Setup
08:55-09:05	CDR	USOS Window Shutter Close
09:05-09:35	CDR	BLB - Glovebox Ops
09:15-09:55	FE-3	BASS Prep Work
09:30-10:25	FE-4, FE-2 assists	LBNP Exercise (PRELIMINARY). <i>Tagup with specialists (S-band)</i>
09:35-10:25	CDR	RVF - Experiment Protocol
09:55-10:15	FE-3	Replacement of MSG Digital Recorder #1 with a new one
09:55-11:55	FE-6	CFE - Hardware Checkout
10:15-11:45	FE-3	Physical Exercise (ARED)
10:20-10:30	FE-1	Start NASA MPEG2 Viewer Application and Monitor TV Signal via CP SSC Laptop (for MPEG2 Video Test) <i>Tagup with specialists (S-band)</i>
10:25-11:20	CDR	ITCS Jumper Switch Support

10:30-11:00	FE-1, FE-4	Preparation for ТКГ 419 Docking
10:50-11:50	FE-2	LUNCH
11:00-12:40	FE-4	TKГ 419 Docking to SM Aft
11:00-11:40	FE-1	
11:40-11:50	FE-1	TV from ТКГ 419 (via S+Ku-band) Start NASA MPEG2 Viewer Application and Monitor TV Signal via CP SSC Laptop (for MPEG2 Docking Video). <i>Tagup with specialists (S-band)</i>
11:45-12:40	FE-3	BASS Test Ops
11:50-12:30	FE-1	TKГ 419 Docking to SM Aft Restore Nominal Comm Configuration
11:50-12:30	FE-2	Photography of ТКГ 419 (51P) antenna from SM window #26. Downlink images via OCA or PCПИ <i>Tagup with specialists (as necessary)</i>
11:55-12:25	FE-6	CFE Teardown
12:30-12:40	FE-1	Turn off SSC CP Laptop Application
12:40-12:45	FE-6	P/L Playback Start
12:40-13:40	FE-1, FE-4	LUNCH
12:40-12:55	FE-3	Glacier 3 Desiccant Pack Swap
12:40-13:40	CDR	LUNCH
12:45-13:00	FE-6	JRNL - Journal Entry
12:55-13:55	FE-3	LUNCH
13:00-14:00	FE-6	LUNCH
13:40-14:05	FE-1	BTX Activation of Thermostats. <i>Tagup with specialists (S-band)</i>
13:40-14:00	CDR	WRM Condensate Pumping Terminate
13:55-15:15	FE-2	Physical Exercise (ARED)
13:55-14:00	FE-3	PROK - Diet Log (Day 2-4)
14:00-14:10	FE-3	BCAT3 - Camera Checkout
14:00-14:05	CDR,FE-6	SHD - Weekly Questionnaire
14:05-15:15	CDR	IFM - Equipment setup for CHT Test
14:05-14:25	FE-6	NANORACK Data Collection
14:05-15:20	FE-1, FE-4	TKГ 419 and SM Aft Interface Leak Check. <i>Tagup with specialists (S-band)</i>
14:10-14:20	FE-3	EKAM Battery Swap
14:20-15:45	FE-3	BASS Closeout Ops
14:40-15:40	FE-6	RVF - Experiment Protocol
15:15-16:45	CDR	Physical Exercise (ARED)
15:20-15:30	FE-1, FE-4	Opening of ПрК-СУ Hatch. <i>Tagup with specialists (VHF)</i>
15:30-15:40	FE-1, FE-4	On MCC GO Opening Hatch ТКГ-СУ. <i>Tagup with specialists (VHF)</i>
15:40-16:00	FE-1, FE-4	Installation of Quick Release Screw Clamps on SM Aft side
15:45-16:00	FE-2	TKГ 419 (AO) Air Sampling Using AK-1M sampler
15:45-16:45	FE-3	Physical Exercise T 2
15:50-16:50	FE-6	Physical Exercise (CEVIS)
16:00-16:30	FE-4	Progress deactivation, air duct installation

16:00-17:00	FE-1	Physical Exercise (TVIS), Day 2
16:00-16:20	FE-2	Photograph Scuffmark Left by TK (TK 419) Docking Mechanism Probe on the ACP-O Passive Mechanism Receiving Cone (SM Aft) after TK 419 Docking
16:30-17:50	FE-4	De-install TK 419 docking mechanism and Install hatch tool
16:30-17:30	FE-2	(CM1ПpK_1, accessories case CTA 11Φ732.Г4000A1-30 (yellow metal box) Update IMS) on the front of the hatch
16:45-17:45	CDR	Physical Exercise T 2
16:45-16:55	FE-3	MSG - Glovebox Power Down
16:50-18:20	FE-6	Physical Exercise (ARED)
16:55-17:05	FE-3	PanOptic Eye Exam Setup
17:05-17:10	FE-3	Panoptic - Video Setup
17:10-17:15	FE-3	PanOptic Eye Exam Setup
17:30-17:50	FE-2	Downlink Photo of the Docking Cone Internal Surface (via OCA)
17:45-18:45	FE-1	TK 419 Transfers and IMS Updates
17:45-18:15	CDR	PanOptic Eye Examination (CMO)
17:45-18:15	FE-3	HMS - PanOptic Exam (Subject)
17:50-19:10	FE-2	Pre-sleep
17:50-19:10	FE-4	Physical Exercise (TVIS), Day 3
18:15-18:20	CDR	ISERV - Opening LAB window shutters
18:15-18:20	FE-3	PanOptic Video Equipment Stow
18:20-18:40	CDR, FE-3, FE-6	Flight Director/ISS Crew Tagup
18:40-18:45	FE-6	P/L Closeout Ops
18:40-19:00	FE-3	PanOptic Data Downlink/Stowage
18:45-19:10	FE-1, FE-6	Evening Work Prep
18:45-18:55	CDR	HAM Radio Power Up
18:55-19:10	CDR	Evening Work Prep
19:10-19:30		Daily Planning Conference (<i>S-band</i>)
19:30-19:35	CDR	P/TV Playback Start
19:30-19:50	FE-2	CONYUGATSIYA. Hardware Transfer to SM and Setting up in Thermostat at +4 deg C
19:30-21:30	FE-4	Pre-sleep
19:30-21:25	FE-3, FE-6	Pre-sleep
19:30-19:40	FE-1	BIF Transfer from TK
19:35-21:00	CDR	Pre-sleep
19:40-19:55	FE-1	BIF BIF Pack Setup in Cryogem-03 (+37). <i>Tagup with specialists as necessary (S-band)</i>
19:50-20:00	FE-2	PLAZMIDA. Transfer from TK
19:55-20:05	FE-1	BIF Photography of BIF Pack During Insertion into Thermost
20:00-20:15	FE-2	PLAZMIDA. RECOMB-K Hardware Setup in Thermostat (+4 deg C) and the Ambient Temperature. <i>Tagup with specialists (S-band)</i>

20:05-20:25	FE-1	BIOEMULSIYA. Transfer of bioreactor from TTK and set up in thermostat (+4 deg C)
20:15-20:30	FE-2	ARIL. Transfer and setup Bioecologia case in thermostat at +29 deg C
20:25-21:30	FE-1	Pre-sleep
20:30-20:40	FE-2	ARIL. Photography of ARIL Pack
20:40-21:00	FE-2	POLYGEN. DROZOFILA-2 kit transfer from TTK and setup in SM
21:00-21:10	FE-2	POLYGENE Photography while setting up the kit at the exposure location
21:00-21:05	CDR	BCAT Reminder
21:05-21:15	CDR	EKAM Battery Swap
21:10-21:25	FE-2	MEMBRANA. Kit Transfer to MRM2
21:15-21:25	CDR	BCAT - Camera Battery Changeout
21:25-21:30	CDR	P/TV Playback Stop
21:25-21:30	FE-3, FE-6	BCAT Reminder
21:30-06:00		SLEEP
Task List	FE-2	COЖ Maintenance
		IMS Update
	FE-1, FE-4	ECON-M. Observations and Photography
	FE-4	РСПИ (Data Transmission Radio Link). Data Prep on RSS2 for Downlink via РСПИ
	FE-1, FE-2, FE-4	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
4. **Russian crew uses US exercise equipment strictly per F24 or OSTPV**
5. **No T2 exercise is allowed: 10:20-12:47**
6. **No ARED Exercise is allowed: 12:15-12:30**
7. **No HAM Radio Sessions: 11:40-18:45**
8. **No OCA Access to S-G1 or S/G2 : 19:30-19:50**

End of Radiogram