

**Activation/Deactivation of ВД-СУ mode and БИТС (Onboard Telemetry&Measurement System) power - Tech-39**

Time	Crew	Activity
06:00-06:10	CDR	Station inspection. <i>Testing of SM Caution and Warning Panel (ПСС)</i>
06:00-06:10	FE-2,FE-3	Station inspection
06:00-06:10	FE-4	SONOCARD. End of experiment
06:00-06:05	FE-5,FE-6	Reaction self-test
06:05-06:10	FE-5,FE-6	Station inspection
06:10-06:40	FE-3,FE-5,FE-6	Post-sleep
06:10-06:30	FE-2	Post-sleep
06:10-06:20	FE-4	Station inspection
06:10-06:20	CDR	"Hematocrit". Determination of hematocrit number
06:20-06:30	FE-4	
06:20-06:50	CDR	Post-sleep
06:30-07:00	FE-4	Post-sleep
06:30-06:40	FE-2	"Hematocrit". Determination of hematocrit number
06:40-07:30	FE-3,FE-5,FE-6	Breakfast
06:40-06:45	FE-2	"Hematocrit", Stowing HW
06:45-07:40	FE-2	Breakfast
06:50-07:40	CDR	Breakfast
07:00-07:40	FE-4	Breakfast
07:30-07:40	FE-3,FE-6	Work prep
07:30-07:40	FE-5	Glovebox (MSG) - preparation
07:40-08:00		DPC ( <i>S-band</i> )
08:00-08:15		Weekly ISS crew-FCT tagup ( <i>S-band</i> )
08:15-08:30	FE-2,FE-4, FE-3,FE-5	Work prep
08:20-09:20	FE-6	PE T2
08:30-08:50	CDR	Work prep
08:30-10:00	FE-5	BASS-teardown and hw stowage
08:30-08:40	FE-2	KASKAD. Manual mixing in bioreactor
08:30-08:45	FE-4	SONOCARD. Copying data to Laptop RSE-MED and downlink via OCA
08:30-08:40	FE-3	HMS-food questionnaire
08:40-08:50	FE-3	CWC Audit
08:45-11:45	FE-4	TIPOLOGIA. BI-4 experiment run. <i>Tagup with specialists. (S-band,УКВ)</i>
08:15-08:30	CDR	ТЛФ-tagup about IMS records ( <i>S-band</i> )
08:50-09:20	FE-3	BCATC1 – photographing equipment prep
09:00-10:15	CDR	PE ARED
09:15-09:30	FE-2-помощь	TIPOLOGIA. Assistance for experiment run
09:20-09:35	FE-3	WRM – connecting condensate container to condensate removal line to

		increase pressure before taking sample
09:30-09:40	<b>FE-2</b>	TIPOLOGIA. photographing during experiment run
09:35-09:45	FE-3,FE-6	UNWINDING – conference
09:40-10:55	<b>FE-2</b>	PE TVIS-3
09:45-10:15	FE-6	Video downlink equipment prep
10:00-13:00	FE-5	INSPACE3-Installing hw
10:15-10:45	FE-3,FE-6	UNWINDING - experiment run
10:45-12:00	FE-3	WRM – taking sample from condensate removal line in Node 3
10:50-11:20	<b>CDR</b>	LCS (LASER COMMUNICATION SYSTEM). Preparing and installing equipment (OПT) to measure startup current
10:55-12:10	<b>FE-2</b>	PE ARED
10:55-11:00	FE-6	HD video downlink
11:00-12:00	FE-6	ICV-copying and loading data
11:20-11:30	<b>CDR</b>	<b>on MCC GO</b> LCS (LASER COMMUNICATION SYSTEM). Demating cables
11:30-12:00	<b>CDR</b>	LCS (LASER COMMUNICATION SYSTEM). Installation of OПT and measuring startup current
11:45-13:00	<b>FE-4</b>	PE TVIS-4
12:00-12:25	FE-3	PWD adapter cleaning
12:00-12:10	<b>CDR</b>	<b>on MCC GO</b> LCS (LASER COMMUNICATION SYSTEM). Cable mating
12:00-12:10	FE-6	Unwinding - film replacement
12:10-13:00	<b>CDR</b>	LCS (LASER COMMUNICATION SYSTEM). Installation of OПT and measuring startup current
12:30-12:45	FE-3	Photos InSPACE3 for archiving
12:40-13:00	<b>FE-2</b>	Daily AD registration (end)
17:20-17:35	FE-6	ICV - data downlink
12:45-13:00	FE-3	IMS and stowage conference
13:00-14:00	.	Midday meal
14:00-14:45	<b>CDR</b>	EVA procedures review
14:00-14:30	<b>FE-2</b>	PT-50-1M №1 ( <b>A201</b> ) R&R – Preparation
14:00-14:10	<b>FE-4</b>	ATV3 - repress start
14:00-15:30	FE-3,FE-5,FE-6	EVA procedures review
14:10-14:40	<b>FE-4</b>	Daily AD registration (start)
14:30-14:45	<b>FE-2</b>	<b>on MCC GO</b> Demate PT-50-1M tlm-connectors from БКC
14:40-14:50	<b>FE-4</b>	825M unit 2 discharge (end)
14:45-15:25	<b>CDR</b>	COЖ Maintenance
14:45-17:15	<b>FE-2</b>	PT-50-1M №1 ( <b>A201</b> ) R&R
15:10-16:30	<b>FE-4</b>	Progress 416 docking mechanism removal and handles installation
15:30-15:50	FE-3	TREAD-Prep crew for treadmill study
15:30-15:40	FE-5	Glovebox (MSG) - powerdown
15:30-17:00	FE-6	PE ARED

15:50-16:50	FE-3	PE T2
16:30-16:45	FE-5	PMC
16:40-16:50	<b>FE-4</b>	ATV3 - end of repress
16:40-17:00	<b>CDR</b>	IMS edit
16:50-17:00	FE-3	TREAD-end PE recording and stowing hw
17:00-18:15	<b>CDR</b>	PE TVIS- 4
17:00-18:30	FE-3	PE ARED
17:00-17:20	FE-6	UNWINDING - Concluding steps
17:15-17:30	<b>FE-2</b>	<b>on MCC GO</b> Mate PT-50-1M tlm-connectors to БКС
17:20-17:45	<b>FE-4</b>	Evening work prep
17:30-18:00	<b>FE-2</b>	PT-50-1M №1 ( <b>A201</b> ) R&R - concluding steps
17:45-18:45	<b>FE-4</b>	PE БЕЛО-4
18:25-18:45	<b>CDR,FE-2,FE-5</b>	Evening work prep
18:30-18:50	FE-3,FE-6	SSRMS conference
18:45-19:00	<b>CDR,FE-2,FE-4,FE-5</b>	Pre-sleep
18:50-19:00	FE-3,FE-6	Pre-sleep
19:00-19:25		DPC ( <i>S-band</i> )
19:10-19:25	FE-6	Pre-sleep
19:25-19:45	.	Crew - Flight Director conference ( <i>S-band</i> )
19:45-21:30	<b>CDR,FE-4</b>	Pre-sleep
19:45-19:50	FE-3	Beginning of photo/video playback
19:45-21:25	FE-5,FE-6	Pre-sleep
19:45-19:55	<b>FE-2</b>	KASCAD. Manual mixing in bioreactor
19:50-21:20	FE-3	Pre-sleep
19:55-21:30	<b>FE-2</b>	Pre-sleep
21:20-21:25	FE-3	Reminder for BCAT
21:25-21:30	FE-3	End of photo/video playback
21:25-21:30	FE-5,FE-6	Self-test for reaction
21:30-06:00	.	Sleep
<b>TASK LIST</b>	<b>CDR,FE-2,FE-4</b>	Disaster zone photography
	<b>CDR,FE-4</b>	EKON. Observation and photographing
	<b>CDR,FE-2,FE-4</b>	Roscosmos web site report prep

**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. **Tagup w/specialists during LCS Ops and Replacement of PT-50-1M device**