

Radiogram No. 2356nu  
**Joint Flight with Shuttle (STS 130(20A)) Day Three**

**(Updated)**

Form 24 for 02/12-13/10

GMT	CREW	ACTIVITY
21:15-21:25	<b>FE-4</b> , FE-5	Morning Inspection
21:15-21:20	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
21:15-21:20	CDR, FE-6	SLEEP Data Log Entry
21:20-21:25	<b>FE-1</b> , CDR, FE-6	Morning Inspection
21:25-21:55		Post-sleep
21:55-22:50	FE-6	BREAKFAST
21:55-22:45	<b>FE-1, FE-4</b> , FE-5	
21:55-22:05	CDR	
22:05-23:05	CDR	Physical Exercise (CEVIS)
22:45-22:50	FE-5	D2XS Battery Recharge
22:45-23:05	<b>FE-1, FE-4</b>	Work Prep
22:50-23:05	FE-6	Work Prep
22:50-23:05	FE-5	Work Prep
23:05-23:20	<b>FE-1, FE-4</b> , CDR, FE-6, FE-5	Daily Planning Conference ( <i>S-band</i> )
23:20-23:40	FE-6	Work Prep
23:20-00:00	<b>FE-1</b>	PLANTS-2. Plant sample collection
23:20-00:20	FE-5	ARED Rack Transfer Prep
23:35-00:00	CDR	BREAKFAST
23:40-01:10	FE-6	Physical Exercise T 2
23:55-00:20	<b>FE-4</b>	ARED Rack Transfer Prep
00:00-00:40	<b>FE-1</b>	IZGIB-DAKON. Data Downlink, Reboot Hardware
00:00-00:15	CDR	Node 3 Leak Check Termination
00:15-02:10	MS2,CDR	NODE 3 Vestibule Outfitting Part 1
00:20-01:00	<b>FE-4</b>	Network connection adapter (ACП) Installation
00:45-01:00	<b>FE-1</b>	Switch VOZDUKH to Automatic Control Mode
01:00-01:30	<b>FE-1, FE-4</b>	БПИ and Cable Installation
01:05-01:15	FE-5	Terminate EHS GC/DMS Ops
01:10-02:10	FE-6	Physical Exercise (CEVIS)
01:30-02:10	<b>FE-1</b>	COЖ Maintenance
01:30-02:30	<b>FE-4</b>	Connecting Cables to БПИ
01:35-01:45	FE-5	Water Recovery System (WRS) Urine Pretreat Assembly (UPA) Fill
01:45-01:55	FE-5	Post-EVA D2XS Camera Reconfig
01:55-02:00	FE-5	Photo/TV Hatch Video Setup
02:00-02:50	FE-5	Node 3 IMV Installation
02:10-02:20	CDR	Node 3 Atmosphere Sampling Operations after Hatch Opening
02:10-02:35	FE-6	SODF Emergency Book Deployment

02:20-02:30	CDR	Positive Pressure Relief Valve Cap Installation
02:30-04:00	<b>FE-4</b>	Cable installation to БСК
02:35-02:50	FE-6	Preparation for EVA
02:35-04:10	CDR	Node 3 Vestibule Outfitting Part 2
02:50-03:00	FE-5	PEPS Unstow
02:50-03:20	FE-6	Node 3 Ops
03:00-03:35	FE-5	Portable Emergency Provisions (PEPS) Installation
03:15-04:15	<b>FE-1</b>	Physical Exercise T2 (-2)
03:20-03:35	FE-6	Inspection Maneuver
03:35-05:15	FE-6	HYZOD. Cover Install
03:35-04:10	FE-5	Rack Hardware Installation
04:00-04:40	<b>FE-4</b>	СБИ cable Installation (for БПИ and АСП)
04:10-04:15	CDR	Camcorder Prep
04:15-05:15	FE-5	Physical Exercise (T2)
04:15-05:15	CDR	LUNCH
04:45-05:45	<b>FE-1, FE-4</b>	LUNCH
05:15-07:15	CDR	Node 3 Vestibule Outfitting Part 2
05:15-06:15	FE-5, FE-6	LUNCH
05:45-06:45	<b>FE-1</b>	PLANTS-2. Progress Hardware Transfers and Preparation for Installation
05:45-06:00	<b>FE-4</b>	Switching Vozdukh to manual mode (Mode 5)
06:10-06:25	<b>FE-4</b>	Verify ИП-1 Flow Meter Configuration
06:15-06:20	FE-5	EHS GC/DMS Ops Terminate
06:15-07:15	CDR	Physical Exercise (CEVIS)
06:15-06:25	FE-6	QD Transfer
06:20-06:25	FE-5	Photo/TV hardware set up for ARED Transfer
06:25-07:00	FE-5, <b>FE-4</b>	ARED Transfer and VIS Removal
06:45-07:05	FE-6	Water Recovery System (WRS) Urine Pretreat Assembly (UPA) Fill
06:45-08:35	<b>FE-1</b>	PLANTS-2. Hardware installation, fillup with water, test checkout
07:00-08:00	PLT, FE-5	ARED-VIS Transfer and Installation
07:05-08:35	<b>FE-4</b>	Physical Exercise (TVIS), Day 2
07:05-07:15	FE-6	PAO Hardware Setup
07:15-08:40	CDR	Physical Exercise (T2)
07:15-07:45	FE-6	Node 3 Oxygen System Purge and Leak Check
07:45-08:15	FE-6	Node 3 Nitrogen System Purge and Leak Check
08:00-09:00	PLT, FE-5	ARS Relocation from JPM1F3 to NOD3A4
08:15-08:20	FE-6	Post-PAO Hardware Deactivation
08:20-08:35	FE-6	Water Recovery System, Filling a CWC-I from PWD Aux Port
08:35-09:35	<b>FE-4</b>	Physical Exercise (VELO)
08:35-10:05	<b>FE-1</b>	Physical Exercise (TVIS), Day 1
08:35-09:05	FE-6	Node 2 IMV Air Duct Prep
08:40-09:10	CDR	EVA Tool Stowage
09:00-10:30	FE-5	Physical Exercise (CEVIS)

09:05-09:20	FE-6	Water Recovery System, Filling a CWC-I from PWD Aux Port
09:10-10:00	CDR	EVA Procedure Review
09:20-10:10	FE-6	
09:40-10:00	<b>FE-4</b>	IMS Update
10:00-10:30	<b>FE-4</b>	Evening Work Prep
10:00-10:10	CDR	PAO Hardware Setup
10:05-10:10	<b>FE-1</b>	Elektron-VM Aerosol Filter Inspection
10:10-10:20	<b>FE-1</b>	CBC. Start Charging VC Battery
10:20-10:25	<b>FE-1</b>	Izgib-Dakon. Payload Status Check
10:25-10:30	<b>FE-1</b>	Evening Work Prep
10:10-10:15	CDR	Camcorder Stowage
10:10-10:15	FE-6	SM HAM Radio Deactivation
10:15-10:30	CDR	Evening Work Prep
10:20-10:30	FE-6	
10:30-10:50	<b>FE-1, FE-4, FE-6, CDR,</b>	Pre-sleep
10:30-10:45	FE-5	
10:45-10:50	FE-5	Post-PAO Hardware Deactivation
10:50-11:05		Daily Planning Conference ( <i>S-band</i> )
11:05-11:20		FD Conference ( <i>S-band</i> )
11:20-12:45		Pre-sleep
12:45-21:15		SLEEP
<b>Task List</b>	<b>FE-1, FE-4</b>	E21/22 Photo/Video
	<b>FE-1</b>	PLANTS-2. Payload Status Check

**Note:**

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: dinner, daily food prep, evening toilet
  4. **03:09 - 05:39** No Physical Exercise Allowed on Unisolated Equipment
- End of Radiogram