Radiogram No. 5393u **EVA-28** 

Form 24 for 02/16/2011

GMT	CREW	ACTIVITY
04:50-05:00	CDR, FE-5, FE-6 <b>, FE-4</b>	Morning Inspection
04:50-05:00	FE-2	Morning Inspection. Inspection of Circuit Breakers [A3C] in DC1 БПП-30, БПП-36 Fuse Boxes
04:50-05:00	FE-1	SONOCARD Experiment Termination
05:00-05:05	FE-1	Elektron-VM Aerosol Filter Inspection
05:00-05:05	FE-4	Biochemical Urine Test
05:00-05:10	FE-2	Post-sleep
05:00-06:00	CDR, FE-5, FE-6	Post-sleep
05:05-05:50	FE-1, FE-4	Post-sleep
05:10-05:15	FE-2	Biochemical Urine Test
05:15-05:50	FE-2	Post-sleep
05:50-06:40	FE-1, FE-2, FE-4	BREAKFAST
06:00-06:05	CDR	SLEEP Data Log Entry
06:00-06:20	FE-5	SOLO 24-hour Urine Collection
06:00-07:35	FE-6	BREAKFAST
06:05-06:25	CDR	Post-sleep
06:20-06:30	FE-5	SOLO Urine Sample Insertion into MELFI
06:25-07:15	CDR	BREAKFAST
06:30-06:40	FE-5	SOLO SLAMMD Prep.
06:40-06:55	FE-1	SONOCARD Copy Data to RSE-MED Laptop
06:40-06:50	FE-5	SOLO Activation
06:40-07:40	FE-2	DC1 and ΠxO config for EVA
06:40-07:40	FE-4	DC1 comm config DC1 and ΠxO config for EVA
06:50-07:10	FE-5	SOLO SLAMMD Deactivation and Stowage
06:55-07:35	FE-1	СОЖ Maintenance
07:10-07:25	FE-5	SLAMMD Equipment Stow
07:15-07:35	CDR	Work Prep
07:25-07:55	FE-5	Post-sleep
07:35-07:50	CDR	Cube Lab Data Collection
07:35-08:15	FE-1	MRM2 preparation and Soyuz 701 activation before EVA, air duct removal from MRM2
07:35-07:55	FE-6	Work Prep
07:40-08:15	FE-2, FE-4	Spacesuit Systems Checkout
07:55-08:20	CDR,FE-5, FE-6	Daily Planning Conference (S-band)
08:15-08:35	FE-1	ON MCC GO Elektron Purge After Deactivation
08:15-08:40	FE-4	DC1 BCC [Spacesuit Interface Unit] Checkout
08:15-08:40	FE-2	ПхО БСС [Spacesuit Interface Unit] Checkout
08:20-08:25	CDR	EVA Cameras Testing

	FE-6	Acoustic dosimeters: record data and stow dosimeters (operation 3 of 3)
	FE-5	Post-sleep
	CDR	CUCU Power Inhibit for EVA
	FE-5	BREAKFAST
08:30-10:00	CDR	Physical Exercise (ARED)
08:35-09:15	FE-1	Configuring RS ISS Systems for EVA. Closing SM Window Shutters 12-14, 6, 8, 9
08:40-08:55	FE-2	Comm config before EVA, ПСС (C&W) panel reconfiguration
08:40-08:55	FE-4	DC1 БК-3 (1-4) Checkout
08:45-08:55	FE-6	Stow Earlier Installed Formaldehyde Monitoring Kit (FMK)
08:55-09:35	FE-2, FE-4	Spacesuit Systems, ECC (Spacesuit Interface Unit), Comm System, Biomed Telemetry Checks
09:15-09:35	FE-1	24-hour ECG Holter Monitoring (init)
09:20-09:30	FE-5	Closing USOS Window Shutters
09:30-10:00	FE-5,FE-6	Skills training for the Shuttle R-Bar Pitch Maneuver
09:35-10:25	FE-1, FE-2, FE-4	LUNCH
10:00-10:05	FE-5	R-bar Pitch Maneuver Image Download
10:00-11:00	CDR	LUNCH
10:05-10:15	FE-5	EHS Sampling Start
10:05-10:15	FE-6	TOCA Calibration
10:15-11:00	FE-5	Hardware prep for first ATV ingress
10:20-11:20	FE-6	Physical Exercise (CEVIS)
10:25-11:00	FE-1	RS ISS Systems EVA Configuration
10:25-10:45	FE-2, FE-4	Spacesuit and ECC (Spacesuit Interface Unit) Final Inspection
10:45-11:15	FE-2, FE-4	EVA Gear Donning
11:00-11:15	FE-1	Air duct removal from DC1 (skip B3 fan removal)
11:10-11:40	FE-5	Advanced Resistive Exercise Device (ARED) Pulley Check
11:15-13:15	FE-2, FE-4	A/L Depress
11:15-11:25	FE-1	MRM2-CY (SM) Hatch Close
11:15-11:25	CDR	Equipment Gathering for EVA28
11:20-11:25	FE-6	Assistance in measuring full range of motion of ARED Exercise Rope
11:25-15:40	CDR	Soyuz 701 crew of two isolation in MRM2 during EVA-28
11:25-11:35	FE-1	IZGIB -DAKON. Hardware Activation
11:25-11:55	FE-6	HRF2 CBT
11:35-11:55	FE-1	Soyuz 701 crew of two isolation in MRM2 during EVA-28
11:40-11:45	FE-5	PASSAGES - EPM Laptop Deactivation and PCMCIA Card Installation
11:45-12:00	FE-5	A/L Depress
11:55-12:00	FE-1	IZGIB -DAKON. Payload Status Check
11:55-12:25	FE-6	HRF2 Setup for Operation
12:00-13:00	FE-1	Soyuz 701 ODF Update
12:05-13:05	FE-5	Physical Exercise T 2
13:00-19:25	FE-1	Soyuz 701 crew of two isolation in MRM2 during EVA-28
13:05-13:10	FE-5	T2 Snubber Arm Inspection

13:10-13:20   FE-6	10.40.44.40		DL .'LE' (ADED)
13:15-19:15   FE-2, FE-4   EVA-28 Tasks   13:20-13:30   FE-6   Checkout of HRF2   13:30-13:50   FE-6   Checkout of HRF2   14:40-15:40   FE-5, FE-6   LUNCH   15:40-16:10   CDR   T61p USB Video Adapter Installation   15:40-16:10   CDR   T61p USB Video Adapter Installation   15:40-16:45   FE-5   PASSAGES PCMCIA Card Stow   15:00-16:00   FE-6   FE-6   MELFI3 Sample Setup   16:00-16:00   FE-5   EHS Sampling Termination   16:00-16:20   FE-6   ARIS Photography   16:10-20:05   CDR   Soyuz 701 crew of two isolation in MRM2 during EVA-28   16:10-16:15   FE-5   EPO GH-HW Setup   EP-5   EF-5   EPO GH-HW Setup   16:25-16:50   FE-5   EPO Experiment Start   17:10-17:15   FE-5   EPO Experiment Start   17:40-19:10   FE-6   Physical Exercise (ARED)   17:45-18:05   FE-5   EPO Temperature Measurement   18:25-18:25   FE-5   SAMS Installation on FSL   EPO EMU PROGRAMS   19:15-19:155   FE-6   Node2 Nadir Power Jumper Remove   19:25-20:00   FE-1   IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g   19:55-21:15   FE-6   Node2 Zenith Power Jumper Install   20:00-20:15   EP-1   IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g   19:55-20:25   CDR   Restow cargo gathered for EVA 28 isolation   20:15-20:25   EP-4   Biochemical Urine Test   20:15-20:24   FE-4   Restorical Urine Test   20:25-20:40   EP-4   Restorical Urine Test   20:25-20:40   EP-4   Restorical Urine Test   20:25-20:40   FE-4   Restorical		FE-5	Physical Exercise (ARED)
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13:30-13:50         FE-6         HRF2 Deactivation           14:40-15:40         FE-5, FE-6         LUNCH           15:40-16:10         CDR         T61p USB Video Adapter Installation           15:40-16:45         FE-5         PASSAGES PCMCIA Card Stow           15:50-16:00         FE-5, FE-6         MELFI3 Sample Setup           16:00-16:05         FE-5         EHS Sampling Termination           16:00-16:05         FE-6         ARIS Photography           16:10-16:15         FE-6         ARIS Photography           16:10-16:15         FE-5         UVCA2 Camera Adjustment           16:15-16:25         FE-5         EPO GH-HW Setup           16:15-16:25         FE-5         EPO Experiment Start           17:10-17:15         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           19:15-20:215         FE-1 <td< td=""><td></td><td>-</td><td></td></td<>		-	
14:40-15:40         FE-5, FE-6         LUNCH           15:40-16:10         CDR         T61p USB Video Adapter Installation           15:40-16:45         FE-5         PASSAGES PCMCIA Card Stow           15:00-16:00         FE-5, FE-6         MELFI3 Sample Setup           16:00-16:05         FE-5         EHS Sampling Termination           16:00-16:05         FE-6         ARIS Photography           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:10-16:15         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:10-17:10         FE-6         Physical Exercise (ARED)           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EMU PWR Degassing           19:15-20:15         FE-5         EMU PWR Degassing           19:15-20:15         FE-2, FE-4         Post EVA A/L Repress           19:15-20:15         FE-1			
15:40-16:10         CDR         T61p USB Video Adapter Installation           15:40-15:45         FE-5         PASSAGES PCMCIA Card Stow           15:50-16:00         FE-5         FE-5         MELFI3 Sample Setup           16:00-16:05         FE-5         FE-6         ARIS Photography           16:10-20:05         CDR         Soyuz 701 crew of two isolation in MRM2 during EVA-28           16:10-16:15         FE-5         VCAZ Camera Adjustment           16:15-16:25         FE-5         EPO GEN-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:40-18:05         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:40-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EMU PWR Degassing           19:15-20:15         FE-2, FE-4         Post EVA A/L Repress           19:15-20:15         FE-2, FE-4         Post EVA A/L Repress           19:15-20:20         FE-1         IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g           19:25-20:20			HRF2 Deactivation
15:40-15:45         FE-5         PASSAGES PCMCIA Card Stow           15:50-16:00         FE-5, FE-6         MELFI3 Sample Setup           16:00-16:05         FE-5         EHS Sampling Termination           16:00-16:20         FE-6         ARIS Photography           16:10-20:05         CDR         Soyuz 701 crew of two isolation in MRM2 during EVA-28           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:15-16:25         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         EPO Experiment Start           17:10-17:15         FE-5         EPO Experiment Start           17:10-17:15         FE-5         EPO Temperature Measurement           17:40-19:10         FE-6         Physical Exercise (ARED)           17:40-19:10         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           19:25-20:15         FE-2         PE-4         Post EVA AIL Repress	14:40-15:40	FE-5, FE-6	LUNCH
15:50-16:00 FE-5, FE-6 MELFI3 Sample Setup 16:00-16:05 FE-5 EHS Sampling Termination 16:00-16:20 FE-6 ARIS Photography 16:10-20:05 CDR Soyuz 701 crew of two isolation in MRM2 during EVA-28 16:10-16:15 FE-5 VCA2 Camera Adjustment 16:15-16:25 FE-5 EPO GH-HW Setup 16:25-16:50 FE-5 EPO Experiment Start 17:10-17:15 FE-5 CGBA-5 Status Check 17:40-19:10 FE-6 Physical Exercise (ARED) 17:45-18:05 FE-5 EPO Temperature Measurement 18:05-18:25 FE-5 EMU PWR Degassing 19:15-20:15 FE-2, FE-4 Post EVA AL Repress 19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove 19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g 19:55-2:115 FE-6 Node2 Zenith Power Jumper Install 20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation 20:05-20:15 FE-1 MRM2-CY(SM) Hatch Open 20:05-20:15 FE-4 Biochemical Urine Test 20:25-20:20 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:20 FE-2 RS SS pC1 post-EVA are configuration, disabling C&W indication on DC1 and ΠχΟ ΠΟΒ panels (EVA Support Panels) 20:25-20:30 FE-1 CDR Physical Exercise T 2 21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal commodificating Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	15:40-16:10	CDR	T61p USB Video Adapter Installation
16:00-16:05         FE-5         EHS Sampling Termination           16:00-16:20         FE-6         ARIS Photography           16:10-20:05         CDR         Soyuz 701 crew of two isolation in MRM2 during EVA-28           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:10-16:15         FE-5         EPO GH-HW Setup           16:25-16:25         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:25-18:45         FE-5         EPO Temperature Measurement           18:25-18:45         FE-5         EPO Temperature Measurement           18:25-18:45         FE-6         Physical Exercise (ARED)           19:15-20:15         FE-5         EPO Temperature Measurement           18:25-18:46         FE-6         Physical Exercise (ARED)           19:15-20:15         FE-6         Post EVA A/L Repress           19:15-20:20.15         FE-1         Post EVA A/L Repress           19:15-20:20         FE-1         IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g           19:25-21:15         FE-6         Node	15:40-15:45	FE-5	PASSAGES PCMCIA Card Stow
16:00-16:20         FE-6         ARIS Photography           16:10-20:05         CDR         Soyuz 701 crew of two isolation in MRM2 during EVA-28           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:15-16:25         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-6         CBBA-5 Status Check           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-6         Post EVA A/L Repress           19:15-19:55         FE-6         Node2 Nadir Power Jumper Remove           19:25-20:00         FE-1         IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g           19:25-20:00         FE-1         IZGIB-DAKON. Hardware Deactivation           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         CDR         D2Xs Photos Downlink           20:15-20:20         FE-1         Biochemical Urine Test           20:15-20:20         FE-4         Biochemical	15:50-16:00	FE-5, FE-6	MELFI3 Sample Setup
16:10-20:05         CDR         Soyuz 701 crew of two isolation in MRM2 during EVA-28           16:10-16:15         FE-5         VCA2 Camera Adjustment           16:15-16:25         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         EPO Experiment Start           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-6         Node2 Nadir Power Jumper Remove           19:25-20:00         FE-1         IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g           19:55-21:15         FE-6         Node2 Zenith Power Jumper Install           20:00-20:05         FE-1         IZGIB-DAKON. Hardware Deactivation           20:05-20:15         FE-6         Node2 Zenith Power Jumper Install           20:05-20:15         FE-1         MRM2- Cy(SM) Hatch Open           20:05-20:15         FE-1         MRM2- Cy(SM) Hatch Open           20:15-20:25         CDR         Restow cargo gathered for EVA 28 isolation           20:15-20	16:00-16:05	FE-5	EHS Sampling Termination
16:10-16:15         FE-5         VCA2 Camera Adjustment           16:15-16:26         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-6         Node2 Nadir Power Jumper Remove           19:25-20:00         FE-1         IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g           19:55-21:15         FE-6         Node2 Zenith Power Jumper Install           20:00-20:05         FE-1         IZGIB-DAKON. Hardware Deactivation           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:15-20:20         FE-1         Biochemical Urine Test           20:15-20:20         FE-4         Biochemical Urine Test           20:15-20:20         FE-4         RS ISS reconfig fo	16:00-16:20	FE-6	ARIS Photography
16:15-16:25         FE-5         EPO GH-HW Setup           16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-2, FE-4         Post EVA A/L Repress           19:15-19:55         FE-6         Node2 Nadir Power Jumper Remove           19:25-20:00         FE-1         // IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g           19:25-20:15         FE-6         Node2 Zenith Power Jumper Install           20:00-20:05         FE-1         // IZGIB-DAKON. Hardware Deactivation           20:00-20:05         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         CDR         D2Xx Photos Downlink           20:15-20:20         FE-4         Biochemical Urine Test           20:15-20:20         FE-4         Biochemical Urine Test           20:20-20:25         FE-2 <t< td=""><td>16:10-20:05</td><td>CDR</td><td>Soyuz 701 crew of two isolation in MRM2 during EVA-28</td></t<>	16:10-20:05	CDR	Soyuz 701 crew of two isolation in MRM2 during EVA-28
16:25-16:50         FE-5         EPO Experiment Start           17:10-17:15         FE-5         CGBA-5 Status Check           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-2, FE-4         Post EVA AVL Repress           19:25-20:00         FE-1         VIGGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g           19:25-20:00         FE-1         VIGGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g           19:25-20:15         FE-6         Node2 Zenith Power Jumper Install           20:00-20:05         FE-1         VIGGIB-DAKON. Hardware Deactivation           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         CDR         D2Xs Photos Downlink           20:15-20:20         FE-4         Biochemical Urine Test           20:15-20:20         FE-4         Biochemical Urine Test           20:20-20:20         FE-4         Biochemical Urine Test           20:25-20:40         FE-2         Reconfiguring comm system to initial configuration, disabling C&W in	16:10-16:15	FE-5	VCA2 Camera Adjustment
17:10-17:15         FE-5         CGBA-5 Status Check           17:40-19:10         FE-6         Physical Exercise (ARED)           17:45-18:05         FE-5         EPO Temperature Measurement           18:05-18:25         FE-5         SAMS Installation on FSL           18:25-18:45         FE-5         EMU PWR Degassing           19:15-20:15         FE-2, FE-4         Post EVA A/L Repress           19:15-19:55         FE-6         Node2 Nadir Power Jumper Remove           19:25-20:00         FE-1         /ZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g           19:25-20:00         FE-1         Node2 Zenith Power Jumper Install           20:00-20:05         FE-1         IZGIB-DAKON. Hardware Deactivation           20:05-20:15         FE-1         MRM2- CY(SM) Hatch Open           20:05-20:15         CDR         D2Xs Photos Downlink           20:15-20:25         CDR         Restow cargo gathered for EVA 28 isolation           20:15-20:20         FE-1         Post-EVA air ducts installation in DC1, MRM2, and SM           20:20-20:20         FE-4         RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)           20:20-20:40         FE-4         RS ISS reconfiguration in initial configuration, disabling C&W indication on DC1 and flx0 flOB panels (EVA Support Panels)     <	16:15-16:25	FE-5	EPO GH-HW Setup
17:40-19:10 FE-6 Physical Exercise (ARED) 17:45-18:05 FE-5 EPO Temperature Measurement 18:05-18:25 FE-5 SAMS Installation on FSL 18:25-18:45 FE-5 EMU PWR Degassing 19:15-20:15 FE-2, FE-4 Post EVA A/L Repress 19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove 19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g 19:55-21:15 FE-6 Node2 Zenith Power Jumper Install 20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation 20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open 20:05-20:15 CDR D2Xs Photos Downlink 20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation 20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:25-20:45 CDR LUNCH 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-22:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	16:25-16:50	FE-5	EPO Experiment Start
17:45-18:05 FE-5 EPO Temperature Measurement 18:05-18:25 FE-5 SAMS Installation on FSL 18:25-18:45 FE-5 EMU PWR Degassing 19:15-20:15 FE-2, FE-4 Post EVA A/L Repress 19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove 19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink /r/g 19:55-21:15 FE-6 Node2 Zenith Power Jumper Install 20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation 20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open 20:05-20:15 CDR D2Xs Photos Downlink 20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation 20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:25-20:45 CDR LUNCH 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 LUNCH 20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal commit configuration on Initial config Return to nominal commit configuration engage Return to Result Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	17:10-17:15	FE-5	CGBA-5 Status Check
18:05-18:25 FE-5 SAMS Installation on FSL  18:25-18:45 FE-5 EMU PWR Degassing  19:15-20:15 FE-2, FE-4 Post EVA A/L Repress  19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove  19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g  19:55-21:15 FE-6 Node2 Zenith Power Jumper Install  20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation  20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open  20:05-20:15 CDR D2Xs Photos Downlink  20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation  20:15-20:20 FE-4 Biochemical Urine Test  20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM  20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)  20:25-20:40 FE-2 Biochemical Urine Test  20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels)  20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2  21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Presurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	17:40-19:10	FE-6	Physical Exercise (ARED)
18:25-18:45   FE-5   EMU PWR Degassing  19:15-20:15   FE-2, FE-4   Post EVA A/L Repress  19:15-19:55   FE-6   Node2 Nadir Power Jumper Remove  19:25-20:00   FE-1   IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g  19:55-21:15   FE-6   Node2 Zenith Power Jumper Install  20:00-20:05   FE-1   IZGIB-DAKON. Hardware Deactivation  20:05-20:15   FE-1   MRM2- CY(SM) Hatch Open  20:05-20:15   CDR   D2Xs Photos Downlink  20:15-20:25   CDR   Restow cargo gathered for EVA 28 isolation  20:15-20:20   FE-4   Biochemical Urine Test  20:15-20:40   FE-1   Post-EVA air ducts installation in DC1, MRM2, and SM  20:20-20:40   FE-4   RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)  20:25-20:40   FE-2   Biochemical Urine Test  20:25-20:40   FE-2   Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠXO ΠOB panels (EVA Support Panels)  20:40-21:10   FE-1, FE-2, FE-4   EUNCH   EF-4   EF-4	17:45-18:05	FE-5	EPO Temperature Measurement
19:15-20:15 FE-2, FE-4 Post EVA A/L Repress 19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove 19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g 19:55-21:15 FE-6 Node2 Zenith Power Jumper Install 20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation 20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open 20:05-20:15 CDR D2Xs Photos Downlink 20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation 20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:20 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:25 FE-2 Biochemical Urine Test 20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and TIXO TIOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 FE-4 FE-4 FE-4 FE-4 FE-4 FE-4 FE-4	18:05-18:25	FE-5	SAMS Installation on FSL
19:15-19:55 FE-6 Node2 Nadir Power Jumper Remove  19:25-20:00 FE-1 IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g  19:55-21:15 FE-6 Node2 Zenith Power Jumper Install  20:00-20:05 FE-1 IZGIB-DAKON. Hardware Deactivation  20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open  20:05-20:15 CDR D2Xs Photos Downlink  20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation  20:15-20:20 FE-4 Biochemical Urine Test  20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM  20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)  20:25-20:40 FE-2 Biochemical Urine Test  20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and fIxO fIOB panels (EVA Support Panels)  20:25-20:45 CDR LUNCH  20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2  21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	18:25-18:45	FE-5	EMU PWR Degassing
19:25-20:00 FE-1	19:15-20:15	FE-2, FE-4	Post EVA A/L Repress
19:55-21:15   FE-6   Node2 Zenith Power Jumper Install	19:15-19:55	FE-6	Node2 Nadir Power Jumper Remove
20:00-20:05FE-1IZGIB-DAKON. Hardware Deactivation20:05-20:15FE-1MRM2- CY(SM) Hatch Open20:05-20:15CDRD2Xs Photos Downlink20:15-20:25CDRRestow cargo gathered for EVA 28 isolation20:15-20:20FE-4Biochemical Urine Test20:15-20:40FE-1Post-EVA air ducts installation in DC1, MRM2, and SM20:20-20:40FE-4RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)20:20-20:25FE-2Biochemical Urine Test20:25-20:40FE-2Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels)20:25-20:45CDRLUNCH20:40-21:10FE-1, FE-2, FE-4LUNCH20:45-21:45CDRPhysical Exercise T 221:10-22:30FE-2RS ISS, DC1 post-EVA reconfiguration to initial config21:10-22:30FE-4RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration21:10-21:40FE-1Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	19:25-20:00	FE-1	IZGIB-DAKON data download to a USB drive, archive clearing & data downlink / r/g
20:05-20:15 FE-1 MRM2- CY(SM) Hatch Open 20:05-20:15 CDR D2Xs Photos Downlink 20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation 20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:25 FE-2 Biochemical Urine Test 20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 LUNCH 20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	19:55-21:15	FE-6	Node2 Zenith Power Jumper Install
20:05-20:15CDRD2Xs Photos Downlink20:15-20:25CDRRestow cargo gathered for EVA 28 isolation20:15-20:20FE-4Biochemical Urine Test20:15-20:40FE-1Post-EVA air ducts installation in DC1, MRM2, and SM20:20-20:40FE-4RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)20:20-20:25FE-2Biochemical Urine Test20:25-20:40FE-2Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels)20:25-20:45CDRLUNCH20:40-21:10FE-1, FE-2, FE-4LUNCH20:45-21:45CDRPhysical Exercise T 221:10-22:30FE-2RS ISS, DC1 post-EVA reconfiguration to initial config21:10-22:30FE-4RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration21:10-21:40FE-1Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:00-20:05	FE-1	IZGIB-DAKON. Hardware Deactivation
20:15-20:25 CDR Restow cargo gathered for EVA 28 isolation 20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:25 FE-2 Biochemical Urine Test 20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 LUNCH 20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:05-20:15	FE-1	MRM2- СУ(SM) Hatch Open
20:15-20:20 FE-4 Biochemical Urine Test 20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:25 FE-2 Biochemical Urine Test 20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 LUNCH 20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config 21:10-22:30 FE-4 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:05-20:15	CDR	D2Xs Photos Downlink
20:15-20:40 FE-1 Post-EVA air ducts installation in DC1, MRM2, and SM 20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:25 FE-2 Biochemical Urine Test 20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH 20:40-21:10 FE-1, FE-2, FE-4 LUNCH 20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:15-20:25	CDR	Restow cargo gathered for EVA 28 isolation
20:20-20:40 FE-4 RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation) 20:20-20:25 FE-2 Biochemical Urine Test  20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels) 20:25-20:45 CDR LUNCH  20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config 21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:15-20:20	FE-4	Biochemical Urine Test
20:20-20:25 FE-2 Biochemical Urine Test  20:25-20:40 FE-2 Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels)  20:25-20:45 CDR LUNCH  20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2  21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config  RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:15-20:40	FE-1	Post-EVA air ducts installation in DC1, MRM2, and SM
Reconfiguring comm system to initial configuration, disabling C&W indication on DC1 and ΠxO ΠOB panels (EVA Support Panels)20:25-20:45CDRLUNCH20:40-21:10FE-1, FE-2, FE-4LUNCH20:45-21:45CDRPhysical Exercise T 221:10-22:30FE-2RS ISS, DC1 post-EVA reconfiguration to initial config21:10-22:30FE-4RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration21:10-21:40FE-1Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:20-20:40	FE-4	RS ISS reconfig for nominal ops (CPB-K2M and food warmer activation)
on DC1 and ΠxO ΠOB panels (EVA Support Panels)  20:25-20:45 CDR LUNCH  20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2  21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config  RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:20-20:25	FE-2	Biochemical Urine Test
20:40-21:10 FE-1, FE-2, FE-4 LUNCH  20:45-21:45 CDR Physical Exercise T 2  21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config  21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:25-20:40	FE-2	
20:45-21:45 CDR Physical Exercise T 2 21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config 21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration 21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:25-20:45	CDR	LUNCH
21:10-22:30 FE-2 RS ISS, DC1 post-EVA reconfiguration to initial config  21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:40-21:10		LUNCH
21:10-22:30 FE-4 RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal common configuration  21:10-21:40 FE-1 Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	20:45-21:45	CDR	Physical Exercise T 2
configuration  21:10-22:30 FE-4 configuration  Pressurizing Elektron-VM Liquid Unit Monitoring Secondary Combustion Unit Temperature after Elektron Activation	21:10-22:30	FE-2	RS ISS, DC1 post-EVA reconfiguration to initial config
Temperature after Elektron Activation	21:10-22:30	FE-4	RS ISS, DC1 post-EVA reconfiguration to initial config Return to nominal comm configuration
21:15-21:45   FE-5, FE-6   Evening Work Prep	21:10-21:40	FE-1	
	21:15-21:45	FE-5, FE-6	Evening Work Prep

21:40-21:45	FE-1	Elektron-VM Aerosol Filter Inspection
21:45-22:25	FE-1	Post-EVA MRM2 reconfig to initial and Soyuz 701 deactivation
21:45-22:10	CDR, FE-5, FE-6	Daily Planning Conference (S-band)
22:10-22:25	CDR	SSC Battery Stow
22:10-22:30	FE-5, FE-6	Evening Work Prep
22:25-22:55	FE-1	Finalize sealing of Komplast panel container
22:30-22:35	CDR	MPC Power Up
22:30-00:30	FE-5, FE-6	Pre-sleep
22:30-23:00	FE-2, FE-4	Spacesuit post-EVA maintenance
22:35-00:25	CDR	Pre-sleep
22:55-23:15	FE-1	24-hour ECG Holter Monitoring (term)
23:00-00:30	FE-4	Pre-sleep
23:00-00:20	FE-2	Pre-sleep
23:15-00:30	FE-1	Pre-sleep
00:20-00:30	FE-2	SONOCARD Experiment Start
00:25-00:30	CDR	MPC Power Down
00:30-10:00		SLEEP

## 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. Tagups with spacesuit specialist during all EVA activities (S-band)

End of Radiogram