

EVA-22

| GMT | CREW | ACTIVITY |
|-------------|-----------------------|---|
| 22:10-22:20 | CDR, FE-2, FE-3, FE-1 | Morning inspection |
| 22:10-22:15 | FE-4, FE-5 | SLEEP data logging |
| 22:15-22:20 | FE-5, FE-4 | Morning inspection |
| 22:20-22:50 | FE-4, FE-5, FE-3 | Post-sleep |
| 22:20-22:25 | FE-2 | Post-sleep |
| 22:20-22:35 | FE-1 | Post-sleep |
| 22:20-22:35 | CDR | Biochemical urine analysis |
| 22:25-22:45 | FE-2 | Crew preference conference (<i>S+Ku-band</i>) |
| 22:35-22:50 | FE-1 | Biochemical urine analysis |
| 22:35-23:05 | CDR | Post-sleep |
| 22:45-23:40 | FE-2 | BREAKFAST |
| 22:50-23:40 | FE-5, FE-3 | BREAKFAST |
| 22:50-23:15 | FE-4 | BREAKFAST |
| 22:50-23:05 | FE-1 | Post-sleep |
| 23:05-23:55 | CDR, FE-1 | BREAKFAST |
| 23:15-23:30 | FE-4 | PFC (<i>S+Ku-band</i>) |
| 23:30-23:40 | FE-4 | BREAKFAST |
| 23:40-23:45 | FE-4 | Monitoring CSA-CP O2 readings |
| 23:45-23:50 | FE-4 | Close JPM window shutter |
| 23:55-00:55 | FE-3 | Configuring all ISS onboard systems for EVA On SM PCC sw <input type="checkbox"/>Local Close all window shutters |
| 23:55-00:00 | FE-1 | EVA camera checkout |
| 00:00-00:15 | FE-5 | BISE. Install photo imaging equipment. |
| 00:00-01:00 | CDR, FE-1 | Prepare DC1 and ПxO for EVA. Report to MCC position of all valves Comm config from DC1 |
| 00:10-00:15 | FE-2 | Connect DCP power cable. |
| 00:15-00:55 | FE-4 | BISE: experiment equipment setup |
| 00:15-01:30 | FE-2 | Physical Exercise (ARED) |
| 00:55-01:00 | FE-5 | BISE: photo imaging. |
| 00:55-02:25 | FE-3 | Physical Exercise (VELO) |
| 00:55-01:15 | FE-4 | BISE: experiment run |
| 01:00-01:35 | CDR, FE-1 | Orlan system checkout |
| 01:15-01:20 | FE-5 | BISE: experiment prep. |
| 01:20-01:25 | FE-4 | BISE: photo imaging. |
| 01:20-01:55 | FE-5 | BISE: experiment run |
| 01:25-02:55 | FE-4 | Physical Exercise (ARED) |
| 01:35-02:00 | FE-1 | БCC checkout in DC1 |
| 01:35-02:00 | CDR | БCC checkout in ПxO |
| 02:00-02:15 | CDR | БК-3 (1-4) checkout in DC1 |

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| 02:00-02:15 | FE-1 | DC1 air duct removal (do not remove [B3] fan) |
| 02:10-03:10 | FE-5 | Crew time for ISS adaptation and orientation |
| 02:15-02:30 | CDR | Comm reconfig for EVA, alarm switchover from ПСС to ПОВ |
| 02:30-03:10 | CDR, FE-1, FE-3 (assist) | TLM checkout of Orlan, ECC, comm. assets, and medical parameters |
| 02:55-03:10 | FE-4 | ARED: flywheel cylinder removal |
| 03:10-04:10 | . | Meal |
| 04:10-05:10 | FE-2 | Prep for crew return |
| 04:10-04:30 | CDR, FE-1 | Final Orlan and ECC inspection |
| 04:10-05:00 | FE-5 | PBA and PFE checkout |
| 04:30-05:00 | CDR, FE-1, FE-3 | Gear donning |
| 05:00-06:45 | CDR, FE-3, FE-1 | Depress prior to EVA FE-3: transfer one copy of ODF into FGB |
| 06:45-12:15 | CDR, FE-1 | EVA-22. Install and connect antenna unit [AP-BKA], [2AP-BKA] on plane II of ПxO on the SM and other. |
| 06:55-07:30 | FE-4 | CSA-CP planned maintenance |
| 07:30-08:00 | FE-5 | IMF flow rate measurement |
| 07:45-09:00 | FE-2 | Physical Exercise (TVIS) |
| 07:45-08:05 | FE-4 | PCS No 2209 transfer from Columbus to FGB |
| 08:00-09:30 | FE-5 | Physical Exercise (ARED) |
| 08:10-09:10 | FE-3 | Crew time for ISS adaptation and orientation |
| 09:00-09:10 | FE-2 | TVIS: velocity parameter test |
| 09:10-09:20 | FE-2 | JAXA. Brief report |
| 09:10-10:10 | FE-4 | Crew time for ISS adaptation and orientation |
| 09:20-09:50 | FE-2 | J-ASTRO: report |
| 09:30-10:30 | FE-5 | Physical Exercise (CEVIS) |
| 09:50-10:35 | FE-2 | EVA: tether labeling |
| 10:10-10:25 | FE-4 | Water Purification System: CWC-I fill from backup PWD port |
| 10:30-11:30 | FE-3 | Physical Exercise (ARED) |
| 10:30-13:00 | FE-5 | Equipment pre-pack for return on Shuttle flight 2J/A |
| 10:35-10:50 | FE-2 | EVA: tether pack config |
| 10:55-11:10 | FE-4 | Water Purification System: CWC-I fill from backup PWD port |
| 11:10-12:10 | FE-4 | Physical Exercise (CEVIS) |
| 12:10-13:20 | FE-4 | Equipment pre-pack for return on Shuttle flight 2J/A |
| 12:15-13:15 | CDR, FE-1 | Post-EVA repress |
| 13:15-13:30 | FE-5 | Food questionnaire |
| 13:15-13:30 | FE-1 | Biochemical urine analysis |
| 13:15-13:30 | CDR | Returning comm. system into initial config, alarm switchover from ПОВ to DC1 and ПxO |
| 13:15-13:35 | FE-3 | IMS update |
| 13:30-13:45 | CDR | Biochemical urine analysis |
| 13:30-13:45 | FE-1 | Air duct installation in DC1 |
| 13:30-13:45 | FE-4 | Food questionnaire |
| 13:35-13:40 | FE-2 | DCP power cable disconnect |
| 13:45-14:15 | . | Meal |

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| 14:15-16:15 | CDR, FE-1, FE-3 | Return ISS RS and DC1 into initial configuration, supply line dryout on SM ПСС sw □ТТС Remove additional БМП No. 15 from DC1 and transfer to Soyuz No. 225 БО Restore nominal comm. configuration |
| 14:15-14:35 | FE-2, FE-4, FE-5 | Daily planning conference (S-band) |
| 14:35-15:05 | FE-2 | US tools stow for EVA 22 |
| 14:35-14:45 | FE-4 | Nutrition and Repository: assemble equipment for urine sample collection |
| 14:35-14:45 | FE-5 | Evening work prep |
| 14:45-14:50 | FE-4 | TVIS, CEVIS, and HRM data to MEC |
| 14:45-15:05 | FE-5 | Nutrition and Repository: assemble equipment for urine sample collection |
| 14:50-15:25 | FE-4 | Evening work prep |
| 15:05-15:25 | FE-2 | Deactivate EVA camera |
| 15:05-15:25 | FE-5 | Evening work prep |
| 15:25-17:25 | FE-2, FE-4, FE-5 | Presleep |
| 16:15-17:25 | CDR, FE-3, FE-1 | Presleep |
| 17:25-06:00 | . | SLEEP |

Notes:

1. Window No. 9 shutter opening is at crew discretion with **Report to MCC**
 2. See OSTP for references to US activities.
 3. Tagups with specialists during all EVA prep activities (S-band + VHF)
- End of radiogram