

Radiogram No. 8164u

Form 24 for 07/15/08

**EVA-20A from DC1 (Hatch Open =17:08, Hatch Closed =22:45)**

| GMT         | CREW      | ACTIVITY  |
|-------------|-----------|---|
| 08:10-08:20 |           | Morning Inspection  |
| 08:20-08:50 | FE-2      | Post-sleep  |
| 08:20-08:25 | FE-1      |   |
| 08:20-08:40 | CDR       |   |
| 08:25-08:40 | FE-1      | Biochemical urine test  |
| 08:40-08:55 | CDR       |   |
| 08:40-09:05 | FE-1      | Post-sleep  |
| 08:50-09:30 | FE-2      | BREAKFAST   |
| 08:55-09:05 | CDR       | Post-sleep  |
| 09:05-09:55 | CDR, FE-1 | BREAKFAST   |
| 09:30-09:35 | FE-2      | Install Flash Batteries for EVA Prior To Hatch Closure  |
| 09:35-09:40 |           | Install EVA Camera Batteries Prior To Hatch Closure   |
| 09:40-11:25 |           | Configuring ISS systems for EVA   |
| 09:55-10:15 | FE-1      | Vozdukh deactivation  |
| 10:05-10:45 | CDR       | DC1 config for EVA  |
| 10:15-10:45 | FE-1      |   |
| 10:45-11:20 | CDR, FE-1 | Orlan Systems check   |
| 11:20-11:45 |           | DC1 ECC (Orlan Interface Unit) Checkout   |
| 11:25-11:55 | FE-2      | USOS EVA Config   |
| 11:45-12:15 | CDR, FE-1 | DC and Soyuz EO (Orbital Compartment) Air Duct Removal Before EVA                                       |
| 11:55-12:15 | FE-2      | Closing USOS Hatches for EVA (Node1, Lab)   |
| 12:15-12:30 | CDR, FE-1 | DC1 BK-3 (1-4) Check  |
| 12:15-12:30 | FE-2      | Configuring ISS onboard systems for EVA   |
| 12:30-13:10 |           | Meal  |
| 13:10-13:40 | CDR       | Soyuz 222 Config for EVA-20   |
| 13:10-13:25 | FE-2      | Configuring ISS onboard systems for EVA   |
| 13:10-13:20 | FE-1      | Configuring ISS onboard systems for EVA   |
| 13:20-13:40 |           | Soyuz 222 Config for EVA  |
| 13:25-13:40 | FE-2      | Soyuz 222 Config for EVA  |
| 13:40-13:50 | CDR, FE-1 | Comm config before EVA, reconfiguring C&W from ПСС (Caution & Warning Panel) to ПОВ (EVA Support Panel) |
| 13:40-14:10 | FE-2      | Soyuz EO-CA (Orbital Compartment - Descent Module) Hatch Leak Check                                     |
| 13:50-14:30 | CDR, FE-1 | Orlan Systems, ECC (Orlan Interface Unit), Comm. System, Biomed Telemetry Checks                        |
| 14:10-23:45 | FE-2      | Soyuz 222 Activities  |
| 14:30-14:50 | CDR, FE-1 | Orlan and ECC (Orlan interface unit) Final Inspection   |
| 14:50-15:20 |           | EVA gear donning  |
| 15:20-17:10 |           | Pre-EVA Depress   |
| 17:10-22:40 | CDR, FE-1 | <b>EVA-20</b>   |
| 22:40-23:40 | CDR, FE-1 | Post EVA repress  |

|             |           |   |
|-------------|-----------|---|
| 23:40-23:55 | CDR       | ISS Post-EVA Activation   |
| 23:40-23:55 | FE-1      | Biochemical urine test  |
| 23:55-00:10 | CDR       |   |
| 23:55-00:05 | FE-1      | BIORISK-MSN. Post-EVA Container Closeout Ops (placing into Ziploc bag)  |
| 00:10-00:50 |           | Post-EVA-20 Soyuz Reconfig  |
| 00:50-01:20 |           | Meal  |
| 01:20-01:55 | FE-2      | Post-EVA USOS Hatch Open and Ingress (Node1, Lab, A/L, Node 2)  |
| 01:20-01:35 | FE-1      | Switching comm system to initial configuration, switching C&W back from DC1 and ПxO ПOB's (EVA Support Panel) |
| 01:20-01:50 | CDR       | DC1 and Soyuz TCS [COTP] Post-EVA Reconfig  |
| 01:35-03:35 | FE-1      | ISS RS, DC1 reconfig for nominal ops, drying Orlan water feed line  |
| 01:50-03:35 | CDR       |   |
| 01:55-02:25 |           | Post-EVA USOS Configuration   |
| 02:25-02:30 | FE-2      | EVA Camera Reconfig   |
| 02:30-03:40 |           | RS ISS, DC1 reconfiguration to initial state  |
| 03:35-04:20 | CDR, FE-1 | Pre-sleep   |
| 03:40-04:20 | FE-2      |   |
| 04:20-13:50 |           | SLEEP   |

Notes:

1. **Tagups with EVA specialists (S-band + UHF) during all EVA activities**

2. See OSTP for references to US activities.

End of Radiogram