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 NASA TELEVISION SCHEDULE  
 STS-132  
 ISS UTILIZATION LOGISTICS FLIGHT 4 / MINI RESEARCH MODULE 1 (RASSVET)  
 REV D  
 5/19/2010  
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NASA TV (Public, Education, Media Channels and occasional HD programming) Digital Satellite C-Band Downlink coordinates for continental North America, Alaska and Hawaii: Satellite = AMC 3 / Transponder = 15C / 87 Degrees West / DVB-S, 4:2:0 / Downlink Frequency = 4000 Mhz / Downlink Polarity = Horizontal / FEC = 3/4 / Data Rate = 38.860 MHz / Symbol Rate = 28.1115. Clients actively participating in Standard-Definition on-orbit interviews, interactive press briefings and satellite interviews must use the LIMO Channel: Satellite = AMC 3 / Transponder = 9C / 87 degrees West / DVB-S, 4:2:0 / Downlink Frequency = 3865.5 Mhz / Downlink Polarity = Horizontal / FEC = 3/4 / Data Rate = 6.0 Mbps / Symbol rate = 4.3404 Msps. A Digital Video Broadcast compliant Integrated Receiver Decoder is required for reception. Mission Audio is available at: <http://www.nasa.gov/ntv>.

**ALL TIMES SUBJECT TO CHANGE**

This TV schedule is available via the Internet. The address is: <http://www.nasa.gov/shuttle/tv>  
 Launch occurred at 1:20pm CT (2:20pm ET) on Friday, May 14th, 2010.  
 An asterisk (\*) denotes changes made to the previous revision to the television schedule.

| ORBIT                    | SUBJECT   | SITE | MET       | CDT      | EDT      | GMT   |
|--------------------------|---|------|-----------|----------|----------|-------|
| <b>WEDNESDAY, MAY 19</b> |   |      |           |          |          |       |
| <b>FD 6</b>              |   |      |           |          |          |       |
| 72                       | ISS FLIGHT DIRECTOR UPDATE REPLAY   | JSC  | 04/ 11:25 | 12:45 AM | 01:45 AM | 05:45 |
| 72                       | * ATLANTIS / ISS CREW WAKE UP (begins FD 6)                               |      | 04/ 12:00 | 01:20 AM | 02:20 AM | 06:20 |
| 73                       | * EVA # 2 PREPARATIONS RESUME   |      | 04/ 12:40 | 02:00 AM | 03:00 AM | 07:00 |
| 74                       | * SSRMS REMOVES ICC FROM MBS POA  |      | 04/ 15:10 | 04:30 AM | 05:30 AM | 09:30 |
| 75                       | * EVA # 2 BEGINS (Bowen and Good)   |      | 04/ 16:55 | 06:15 AM | 07:15 AM | 11:15 |
| 76                       | * LDRI PAN-TILT UNIT CABLE SNAG REPAIR / P6 BATTERY WORKSITE PREPARATIONS |      | 04/ 17:25 | 06:45 AM | 07:45 AM | 11:45 |
| 76                       | * P6 BATTERY REMOVAL AND REPLACEMENT BEGINS                               |      | 04/ 18:20 | 07:40 AM | 08:40 AM | 12:40 |
| 79                       | * INSTALL OLD P6 BATTERIES ON PALLET                                      |      | 04/ 21:45 | 11:05 AM | 12:05 PM | 16:05 |
| 80                       | * EVA # 2 ENDS  |      | 04/ 23:25 | 12:45 PM | 01:45 PM | 17:45 |
| 81                       | MISSION STATUS BRIEFING   | JSC  | 05/ 01:40 | 03:00 PM | 04:00 PM | 20:00 |

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|-------------------------|--|-------------|------------|------------|------------|------------|
| 82                      | * ISS CREW SLEEP BEGINS  |             | 05/ 03:00  | 04:20 PM   | 05:20 PM   | 21:20      |
| 82                      | * ATLANTIS CREW SLEEP BEGINS   |             | 05/ 03:30  | 04:50 PM   | 05:50 PM   | 21:50      |
| 83                      | * FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         | 05/ 03:40  | 05:00 PM   | 06:00 PM   | 22:00      |
| 84                      | * VIDEO FILE   | HQ          | 05/ 05:40  | 07:00 PM   | 08:00 PM   | 00:00      |
| 85                      | HIGH DEFINITION FLIGHT DAY 6 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 20) | JSC         | 05/ 07:40  | 09:00 PM   | 10:00 PM   | 02:00      |
| 87                      | ISS FLIGHT DIRECTOR UPDATE   | JSC         | 05/ 09:40  | 11:00 PM   | 12:00 AM   | 04:00      |
| <b>THURSDAY, MAY 20</b> |  |             |            |            |            |            |
| <b>FD 7</b>             |  |             |            |            |            |            |
| 87                      | * ISS FLIGHT DIRECTOR UPDATE REPLAY  | JSC         | 05/ 11:10  | 12:30 AM   | 01:30 AM   | 05:30      |
| 88                      | * ATLANTIS / ISS CREW WAKE UP (begins FD 7)  |             | 05/ 11:30  | 12:50 AM   | 01:50 AM   | 05:50      |
| 90                      | * MRM-1 / ZARYA LEAK CHECKS  |             | 05/ 14:55  | 04:15 AM   | 05:15 AM   | 09:15      |
| 91                      | * MRM-1 HATCH OPENING  |             | 05/ 16:10  | 05:30 AM   | 06:30 AM   | 10:30      |
| 91                      | EVA #3 TOOL CONFIGURATION  |             | 05/ 16:50  | 06:10 AM   | 07:10 AM   | 11:10      |
| 92                      | ASSOCIATED PRESS / FOX NEWS RADIO / CBS NEWS INTERVIEWS  | ISS Ku      | 05/ 18:35  | 07:55 AM   | 08:55 AM   | 12:55      |
| 93                      | ATLANTIS / ISS CREW OFF-DUTY PERIOD BEGINS   |             | 05/ 19:55  | 09:15 AM   | 10:15 AM   | 14:15      |
| 94                      | MISSION STATUS BRIEFING  | JSC         | 05/ 21:10  | 10:30 AM   | 11:30 AM   | 15:30      |
| 95                      | VIDEO FILE   | HQ          | 05/ 22:40  | 12:00 PM   | 01:00 PM   | 17:00      |
| 96                      | EVA # 3 PROCEDURE REVIEW   |             | 05/ 23:55  | 01:15 PM   | 02:15 PM   | 18:15      |
| 97                      | EVA # 3 CAMPOUT BEGINS (Good and Reisman)  |             | 06/ 02:25  | 03:45 PM   | 04:45 PM   | 20:45      |
| 98                      | ISS CREW SLEEP BEGINS  |             | 06/ 03:30  | 04:50 PM   | 05:50 PM   | 21:50      |

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|-----------------------|--|-------------|--|------------|------------|------------|------------|
| 98                    | ATLANTIS CREW SLEEP BEGINS   |             |  | 06/ 04:00  | 05:20 PM   | 06:20 PM   | 22:20      |
| 99                    | FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         |  | 06/ 04:40  | 06:00 PM   | 07:00 PM   | 23:00      |
| 101                   | HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 21) | JSC         |  | 06/ 07:40  | 09:00 PM   | 10:00 PM   | 02:00      |
| 102                   | ISS FLIGHT DIRECTOR UPDATE   | JSC         |  | 06/ 09:40  | 11:00 PM   | 12:00 AM   | 04:00      |
| <b>FRIDAY, MAY 21</b> |  |             |  |            |            |            |            |
| <b>FD 8</b>           |  |             |  |            |            |            |            |
| 103                   | ISS FLIGHT DIRECTOR UPDATE REPLAY  | JSC         |  | 06/ 11:40  | 01:00 AM   | 02:00 AM   | 06:00      |
| 104                   | ATLANTIS / ISS CREW WAKE UP (begins FD 8)  |             |  | 06/ 12:00  | 01:20 AM   | 02:20 AM   | 06:20      |
| 104                   | EVA #3 PREPARATIONS RESUME   |             |  | 06/ 12:40  | 02:00 AM   | 03:00 AM   | 07:00      |
| 106                   | SSRMS MANEUVERS ICC TO EVA WORKSITE  |             |  | 06/ 16:15  | 05:35 AM   | 06:35 AM   | 10:35      |
| 107                   | EVA #3 BEGINS (Reisman and Good)   |             |  | 06/ 16:55  | 06:15 AM   | 07:15 AM   | 11:15      |
| 108                   | P6 BATTERY REMOVAL AND REPLACEMENT RESUMES   |             |  | 06/ 18:05  | 07:25 AM   | 08:25 AM   | 12:25      |
| 109                   | INSTALL OLD P6 BATTERIES ON PALLET   |             |  | 06/ 20:40  | 10:00 AM   | 11:00 AM   | 15:00      |
| 110                   | P6 CLEANUP WORK  |             |  | 06/ 21:30  | 10:50 AM   | 11:50 AM   | 15:50      |
| 110                   | RETRIEVE PDGF (If time permits)  |             |  | 06/ 21:40  | 11:00 AM   | 12:00 PM   | 16:00      |
| 110                   | SSRMS MANEUVERS ICC TO MBS POA FOR TEMPORARY STOWAGE   |             |  | 06/ 21:45  | 11:05 AM   | 12:05 PM   | 16:05      |
| 111                   | EVA #3 ENDS  |             |  | 06/ 23:20  | 12:40 PM   | 01:40 PM   | 17:40      |
| 113                   | MISSION STATUS BRIEFING  | JSC         |  | 07/ 01:40  | 03:00 PM   | 04:00 PM   | 20:00      |
| 114                   | ISS CREW SLEEP BEGINS  |             |  | 07/ 03:00  | 04:20 PM   | 05:20 PM   | 21:20      |
| 114                   | ATLANTIS CREW SLEEP BEGINS   |             |  | 07/ 03:30  | 04:50 PM   | 05:50 PM   | 21:50      |

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|-------------------------|--|-------------|-----|------------|------------|------------|------------|
| 114                     | FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         | 07/ | 03:40      | 05:00 PM   | 06:00 PM   | 22:00      |
| 116                     | VIDEO FILE   | HQ          | 07/ | 06:40      | 08:00 PM   | 09:00 PM   | 01:00      |
| 116                     | HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 22) | JSC         | 07/ | 06:40      | 08:00 PM   | 09:00 PM   | 01:00      |
| 118                     | ISS FLIGHT DIRECTOR UPDATE   | JSC         | 07/ | 10:10      | 11:30 PM   | 12:30 AM   | 04:30      |
| <b>SATURDAY, MAY 22</b> |  |             |     |            |            |            |            |
| <b>FD 9</b>             |  |             |     |            |            |            |            |
| 119                     | ISS FLIGHT DIRECTOR UPDATE REPLAY  | JSC         | 07/ | 11:10      | 12:30 AM   | 01:30 AM   | 05:30      |
| 119                     | ATLANTIS / ISS CREW WAKE UP (begins FD 9)  |             | 07/ | 11:30      | 12:50 AM   | 01:50 AM   | 05:50      |
| 121                     | SSRMS BERTHS ICC IN ATLANTIS' PAYLOAD BAY  |             | 07/ | 14:50      | 04:10 AM   | 05:10 AM   | 09:10      |
| 123                     | U.S. PAO EDUCATIONAL EVENT   | ISS Ku      | 07/ | 17:20      | 06:40 AM   | 07:40 AM   | 11:40      |
| 125                     | MISSION STATUS BRIEFING  | JSC         | 07/ | 20:10      | 09:30 AM   | 10:30 AM   | 14:30      |
| 125                     | ATLANTIS CREW OFF DUTY PERIOD  |             | 07/ | 20:45      | 10:05 AM   | 11:05 AM   | 15:05      |
| 129                     | ISS CREW SLEEP BEGINS  |             | 08/ | 02:00      | 03:20 PM   | 04:20 PM   | 20:20      |
| 129                     | ATLANTIS CREW SLEEP BEGINS   |             | 08/ | 02:30      | 03:50 PM   | 04:50 PM   | 20:50      |
| 129                     | FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         | 08/ | 02:40      | 04:00 PM   | 05:00 PM   | 21:00      |
| 131                     | HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 23) | JSC         | 08/ | 05:40      | 07:00 PM   | 08:00 PM   | 00:00      |
| 134                     | ATLANTIS / ISS CREW WAKE UP (begins FD 10)   |             | 08/ | 10:30      | 11:50 PM   | 12:50 AM   | 04:50      |

| ORBIT                 | SUBJECT   | SITE   | MET       | CDT      | EDT      | GMT   |
|-----------------------|---|--------|-----------|----------|----------|-------|
| <b>SUNDAY, MAY 23</b> |   |        |           |          |          |       |
| <b>FD 10</b>          |   |        |           |          |          |       |
| 137                   | RENDEZVOUS TOOL CHECKOUT  |        | 08/ 14:50 | 04:10 AM | 05:10 AM | 09:10 |
| 138                   | JOINT CREW NEWS CONFERENCE  | ISS Ku | 08/ 16:10 | 05:30 AM | 06:30 AM | 10:30 |
| 139                   | FAREWELL AND HATCH CLOSURE  |        | 08/ 17:50 | 07:10 AM | 08:10 AM | 12:10 |
| 139                   | CENTERLINE CAMERA INSTALLATION AND ODS LEAK CHECK   |        | 08/ 18:30 | 07:50 AM | 08:50 AM | 12:50 |
| 141                   | ATLANTIS UNDOCKS FROM ISS   |        | 08/ 21:00 | 10:20 AM | 11:20 AM | 15:20 |
| 141                   | ATLANTIS FLYAROUND OF ISS BEGINS  |        | 08/ 21:25 | 10:45 AM | 11:45 AM | 15:45 |
| 142                   | ATLANTIS FINAL SEPARATION FROM ISS  |        | 08/ 22:43 | 12:03 PM | 01:03 PM | 17:03 |
| 142                   | SHUTTLE VTR PLAYBACK OF UNDOCKING   |        | 08/ 22:55 | 12:15 PM | 01:15 PM | 17:15 |
| 143                   | INTERPRETED REPLAY OF JOINT CREW NEWS CONFERENCE  | JSC    | 08/ 23:40 | 01:00 PM | 02:00 PM | 18:00 |
| 144                   | MISSION STATUS BRIEFING   | JSC    | 09/ 01:40 | 03:00 PM | 04:00 PM | 20:00 |
| 145                   | ATLANTIS CREW SLEEP BEGINS  |        | 09/ 02:30 | 03:50 PM | 04:50 PM | 20:50 |
| 145                   | FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC    | 09/ 02:40 | 04:00 PM | 05:00 PM | 21:00 |
| 147                   | HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 24) | JSC    | 09/ 05:40 | 07:00 PM | 08:00 PM | 00:00 |
| 150                   | ATLANTIS / ISS CREW WAKE UP (begins FD 11)  |        | 09/ 10:30 | 11:50 PM | 12:50 AM | 04:50 |
| <b>MONDAY, MAY 24</b> |   |        |           |          |          |       |
| <b>FD 11</b>          |   |        |           |          |          |       |
| 154                   | LATE INSPECTION OF ATLANTIS' TPS  |        | 09/ 15:50 | 05:10 AM | 06:10 AM | 10:10 |
| 156                   | MISSION STATUS BRIEFING   | JSC    | 09/ 19:40 | 09:00 AM | 10:00 AM | 14:00 |

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|------------------------|---|-------------|--|------------|------------|------------|------------|
| 157                    | OBSS BERTH  |             |  | 09/ 21:05  | 10:25 AM   | 11:25 AM   | 15:25      |
| 158                    | VIDEO FILE  | HQ          |  | 09/ 22:40  | 12:00 PM   | 01:00 PM   | 17:00      |
| 160                    | MMT BRIEFING  | JSC         |  | 10/ 01:40  | 03:00 PM   | 04:00 PM   | 20:00      |
| 160                    | ATLANTIS CREW SLEEP BEGINS  |             |  | 10/ 02:00  | 03:20 PM   | 04:20 PM   | 20:20      |
| 161                    | FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         |  | 10/ 02:40  | 04:00 PM   | 05:00 PM   | 21:00      |
| 163                    | HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 24) | JSC         |  | 10/ 05:40  | 07:00 PM   | 08:00 PM   | 00:00      |
| 165                    | ATLANTIS CREW WAKE UP (begins FD 12)  |             |  | 10/ 10:00  | 11:20 PM   | 12:20 AM   | 04:20      |
| <b>TUESDAY, MAY 25</b> |   |             |  |            |            |            |            |
| <b>FD 12</b>           |   |             |  |            |            |            |            |
| 168                    | FCS CHECKOUT  |             |  | 10/ 13:10  | 02:30 AM   | 03:30 AM   | 07:30      |
| 168                    | CABIN STOWAGE BEGINS  |             |  | 10/ 13:25  | 02:45 AM   | 03:45 AM   | 07:45      |
| 168                    | RCS HOT-FIRE TEST   |             |  | 10/ 14:20  | 03:40 AM   | 04:40 AM   | 08:40      |
| 170                    | THE COLBERT REPORT / ABC RADIO NETWORK / WEWS-TV INTERVIEWS   | TDRE        |  | 10/ 17:40  | 07:00 AM   | 08:00 AM   | 12:00      |
| 172                    | MISSION STATUS BRIEFING   | JSC         |  | 10/ 19:40  | 09:00 AM   | 10:00 AM   | 14:00      |
| 174                    | KU-BAND ANTENNA STOWAGE   |             |  | 10/ 22:50  | 12:10 PM   | 01:10 PM   | 17:10      |
| 175                    | VIDEO FILE  | HQ          |  | 11/ 00:40  | 02:00 PM   | 03:00 PM   | 19:00      |
| 176                    | ATLANTIS CREW SLEEP BEGINS  |             |  | 11/ 02:00  | 03:20 PM   | 04:20 PM   | 20:20      |
| 176                    | FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         |  | 11/ 02:40  | 04:00 PM   | 05:00 PM   | 21:00      |

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| 178                      | HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS<br>(if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 25) | JSC         | 11/ 05:40  | 07:00 PM       | 08:00 PM   | 00:00      |
| 181                      | ATLANTIS CREW WAKE UP (begins FD 13)   |             | 11/ 10:00  | 11:20 PM       | 12:20 AM   | 04:20      |
| <b>WEDNESDAY, MAY 26</b> |  |             |            |                |            |            |
| <b>FD 13</b>             |  |             |            |                |            |            |
| 183                      | ATLANTIS DEORBIT PREPARATIONS BEGIN  |             | 11/ 13:20  | 02:40 AM       | 03:40 AM   | 07:40      |
| 184                      | * PAYLOAD BAY DOOR CLOSING   |             | 11/ 14:45  | 04:05 AM       | 05:05 AM   | 09:05      |
| 186                      | * ATLANTIS DEORBIT BURN  |             | 11/ 17:25  | 06:45 AM       | 07:45 AM   | 11:45      |
| 187                      | * MILA C-BAND RADAR ACQUISITION OF ATLANTIS  |             | 11/ 18:15  | 07:35 AM       | 08:35 AM   | 12:35      |
| 187                      | * KSC LANDING  | KSC         | 11/ 18:28  | 07:48 AM       | 08:48 AM   | 12:48      |
|                          | POST-LANDING NEWS CONFERENCE   | KSC         |            | NET L+2 HRS.   |            |            |
|                          | ENTRY FLIGHT CONTROL TEAM VIDEO REPLAY<br>(replayed after Post-Landing News Conference)  | JSC         |            | ~ L+3 HRS.     |            |            |
|                          | STS-132 MISSION HIGHLIGHTS VIDEO REPLAY<br>(replayed after Entry Flight Control Team Video)  | JSC         |            | ~ L+3.5 HRS.   |            |            |
|                          | STS-132 CREW NEWS CONFERENCE (may be postponed or cancelled)   | KSC         |            | NET L+4.5 HRS. |            |            |

| ORBIT | SUBJECT | SITE | MET | CDT | EDT | GMT |
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**DEFINITION OF TERMS**

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AMC: Americom Satellite  
 CDT: Central Daylight Time  
 Destiny: U.S. Laboratory on ISS  
 EMU: Extravehicular Mobility Unit  
 EOTP: Enhanced ORU Temporary Platform  
 EST: Eastern Daylight Time  
 EVA: Extravehicular Activity  
 FCS: Flight Control System  
 FD: Flight Day  
 GMT: Greenwich Mean Time  
 HARMONY: Node 2  
 HD: High Definition Television  
 HQ: NASA Headquarters  
 ISS: International Space Station  
 JSC: Johnson Space Center  
 Kibo: Japanese Pressurized Module  
 KSC: Kennedy Space Center  
 L: Launch or Landing time  
 LDRI: Laser Dynamic Range Imager  
 LIMO: Live Interview Media Outlet channel  
 MECO: Main Engine Cut-Off  
 MET: Mission Elapsed Time, which begins at the moment of launch and is read: DAYS/HOURS:MINUTES. LAUNCH=00/00:00  
 MILA: Merritt Island, Florida Tracking Station  
 MMT: Mission Management Team  
 MRM-1: Mini Research Module 1 (new docking port on ISS)  
 MS: Mission Specialist  
 NET: No Earlier Than  
 OBSS: Orbiter Boom Sensor System  
 ODS: Orbiter Docking System  
 OMS: Orbital Maneuvering System  
 ORU: Orbital Replacement Unit  
 P6: Port Six Truss Segment  
 PAO: Public Affairs office  
 PDGF: Power Data Grapple Fixture  
 PMA-3: Pressurized Mating Adapter 3  
 POA: Payload ORU Accomodation  
 RCS: Reaction Control System  
 RPM: Rendezvous Pitch Maneuver  
 SGANT: Space-to-Ground Antenna  
 SRMS: Shuttle Remote Manipulator System on Atlantis  
 SSRMS: Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)  
 STS: Space Transportation System



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|--------------|---|-------------|------------|------------|------------|------------|
| TI:          | Terminal Initiation Rendezvous Maneuver                     |             |            |            |            |            |
| TDRE, W:     | Tracking and Data Relay Satellite, East and West Longitudes |             |            |            |            |            |
| TPS:         | Thermal Protection System                                   |             |            |            |            |            |
| Unity:       | Connecting Node 1 on International Space Station            |             |            |            |            |            |
| VTR:         | Videotape Recorder  |             |            |            |            |            |
| WLE:         | Wing Leading Edge   |             |            |            |            |            |
| Zvezda:      | Russian Service Module of ISS                               |             |            |            |            |            |