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 NASA TELEVISION SCHEDULE  
 STS-124 / 1J  
 Japanese Experiment Module - Pressurized Module  
 REV B  
 06/02/08  
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NASA Television is carried on an MPEG-2 digital signal accessed via satellite AMC-6, at 72 degrees west longitude, transponder 17C, 4040 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 36.86 and FEC 3/4 will be needed for reception. NASA mission coverage will be simulcast digitally on the Public Services Channel (Channel #101); the Education Channel (Channel #102) and the Media Services Channel (Channel #103). Further information is available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. Mission Audio can be accessed on AMC-6, Transponder 13, 3971.3 MHz, horizontal polarization. **Clients actively participating in on-orbit interviews, interactive press briefings and satellite interviews, must use the LIMO Channel, accessed via satellite AMC-6, 72 degrees west longitude, transponder 5C, 3785.5 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 6.00 and FEC 3/4 will be needed for reception.**

**ALL TIMES SUBJECT TO CHANGE**

This TV schedule is available via the Internet. The address is [http://www.nasa.gov/multimedia/nasatv/mission\\_schedule.html](http://www.nasa.gov/multimedia/nasatv/mission_schedule.html)  
 Launch occurred at 4:02pm CT (5:02pm ET) on Saturday, May 31st, 2008.  
 An asterisk (\*) denotes changes made to the previous revision to the television schedule.

| <u>ORBIT</u>          | <u>SUBJECT</u>  | <u>SITE</u> | <u>MET</u> | <u>CDT</u> | <u>EDT</u> | <u>GMT</u> |
|-----------------------|---|-------------|------------|------------|------------|------------|
| <b>MONDAY, JUNE 2</b> |   |             |            |            |            |            |
| <b>FD 3</b>           |   |             |            |            |            |            |
| 25                    | DISCOVERY CREW WAKE UP (begins FD 3)                    |             | 01/ 13:30  | 05:32 AM   | 06:32 AM   | 10:32      |
| 26                    | RENDEZVOUS OPERATIONS BEGIN                             |             | 01/ 15:10  | 07:12 AM   | 08:12 AM   | 12:12      |
| 28                    | TI BURN   |             | 01/ 18:14  | 10:16 AM   | 11:16 AM   | 15:16      |
| 29                    | DISCOVERY RPM / ISS CREW VIDEO DOCUMENTATION BEGINS     |             | 01/ 19:53  | 11:55 AM   | 12:55 PM   | 16:55      |
| 30                    | DISCOVERY / ISS DOCKING (may not be televised live)     |             | 01/ 20:52  | 12:54 PM   | 01:54 PM   | 17:54      |
| 31                    | DISCOVERY / ISS CREW HATCH OPENING AND WELCOME CEREMONY |             | 01/ 22:50  | 02:52 PM   | 03:52 PM   | 19:52      |
| 32                    | EVA SUIT AND TOOL TRANSFER TO ISS                       |             | 01/ 23:25  | 03:27 PM   | 04:27 PM   | 20:27      |
| 32                    | MISSION STATUS / POST MMT BRIEFING                      | JSC         | 01/ 23:28  | 03:30 PM   | 04:30 PM   | 20:30      |

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|------------------------|--|-------------|--|------------|------------|------------|------------|
| 32                     | REISMAN / CHAMITOFF SOYUZ SEATLINER SWAP AND INSTALLATION (Chamitoff officially joins Expedition 17, Reisman joins STS-124 Crew) |             |  | 01/ 23:55  | 03:57 PM   | 04:57 PM   | 20:57      |
| 33                     | VTR PLAYBACK OF DOCKING  |             |  | 02/ 00:00  | 04:02 PM   | 05:02 PM   | 21:02      |
| 33                     | EVA #1 PROCEDURE REVIEW  |             |  | 02/ 01:25  | 05:27 PM   | 06:27 PM   | 22:27      |
| 34                     | VIDEO FILE   | HQ          |  | 02/ 01:58  | 06:00 PM   | 07:00 PM   | 23:00      |
| 35                     | EVA #1 CAMPOUT BEGINS WITH FOSSUM AND GARAN  |             |  | 02/ 03:55  | 07:57 PM   | 08:57 PM   | 00:57      |
| 36                     | ISS CREW SLEEP BEGINS  |             |  | 02/ 05:00  | 09:02 PM   | 10:02 PM   | 02:02      |
| 36                     | DISCOVERY CREW SLEEP BEGINS  |             |  | 02/ 05:30  | 09:32 PM   | 10:32 PM   | 02:32      |
| 36                     | FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour during crew sleep)   | JSC         |  | 02/ 05:58  | 10:00 PM   | 11:00 PM   | 03:00      |
| <b>TUESDAY, JUNE 3</b> |  |             |  |            |            |            |            |
| <b>FD 4</b>            |  |             |  |            |            |            |            |
| 39                     | ISS FLIGHT DIRECTOR UPDATE   | JSC         |  | 02/ 10:28  | 02:30 AM   | 03:30 AM   | 07:30      |
| 41                     | DISCOVERY / ISS CREW WAKE UP (begins FD 4)   |             |  | 02/ 13:30  | 05:32 AM   | 06:32 AM   | 10:32      |
| 41                     | ISS FLIGHT DIRECTOR UPDATE REPLAY  | JSC         |  | 02/ 13:58  | 06:00 AM   | 07:00 AM   | 11:00      |
| 42                     | EVA # 1 PREPARATIONS RESUME  |             |  | 02/ 14:10  | 06:12 AM   | 07:12 AM   | 11:12      |
| 42                     | SSRMS MANEUVER FOR OBSS GRAPPLE ON S1 TRUSS  |             |  | 02/ 15:00  | 07:02 AM   | 08:02 AM   | 12:02      |
| 44                     | EVA # 1 BEGINS   |             |  | 02/ 18:30  | 10:32 AM   | 11:32 AM   | 15:32      |
| 45                     | SHUTTLE RMS ELBOW CAMERA STRAP REMOVAL / SSRMS HANDOFF OF OBSS TO SHUTTLE RMS  |             |  | 02/ 19:05  | 11:07 AM   | 12:07 PM   | 16:07      |
| 45                     | DELTA 2 / GLAST PRE-LAUNCH NEWS CONFERENCE (NASA TV Media Channel (103) only)  | KSC         |  | 02/ 19:58  | 12:00 PM   | 01:00 PM   | 17:00      |

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|--------------------------|--|-------------|------------|------------|------------|------------|
| 46                       | SSRMS BASE CHANGE FROM DESTINY TO HARMONY<br>NODE 2                      |             | 02/ 21:45  | 01:47 PM   | 02:47 PM   | 18:47      |
| 47                       | STARBOARD SARJ INSPECTION AND TRUNDLE<br>BEARING ASSEMBLY REINSTALLATION |             | 02/ 22:35  | 02:37 PM   | 03:37 PM   | 19:37      |
| 47                       | * SSRMS GRAPPLE OF JEM-PM  |             | 02/ 23:15  | 03:17 PM   | 04:17 PM   | 20:17      |
| 48                       | SARJ CLEANING TEST DEMONSTRATION   |             | 02/ 23:20  | 03:22 PM   | 04:22 PM   | 20:22      |
| 48                       | JEM-PM UNBERTH   |             | 02/ 23:35  | 03:37 PM   | 04:37 PM   | 20:37      |
| 49                       | EVA # 1 ENDS   |             | 03/ 01:00  | 05:02 PM   | 06:02 PM   | 22:02      |
| 49                       | JAPANESE PRESSURIZED MODULE INSTALLATION<br>BEGINS                       |             | 03/ 01:05  | 05:07 PM   | 06:07 PM   | 22:07      |
| 50                       | MISSION STATUS / POST MMT BRIEFING                                       | JSC         | 03/ 02:58  | 07:00 PM   | 08:00 PM   | 00:00      |
| 50                       | JEM-PM VESTIBULE LEAK CHECK  |             | 03/ 03:15  | 07:17 PM   | 08:17 PM   | 00:17      |
| 51                       | VIDEO FILE   | HQ          | 03/ 03:58  | 08:00 PM   | 09:00 PM   | 01:00      |
| 51                       | ISS CREW SLEEP BEGINS  |             | 03/ 05:00  | 09:02 PM   | 10:02 PM   | 02:02      |
| 52                       | DISCOVERY CREW SLEEP BEGINS  |             | 03/ 05:30  | 09:32 PM   | 10:32 PM   | 02:32      |
| 52                       | FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour during<br>crew sleep)      | JSC         | 03/ 05:58  | 10:00 PM   | 11:00 PM   | 03:00      |
| <b>WEDNESDAY, JUNE 4</b> |  |             |            |            |            |            |
| <b>FD 5</b>              |  |             |            |            |            |            |
| 55                       | ISS FLIGHT DIRECTOR UPDATE   | JSC         | 03/ 10:28  | 02:30 AM   | 03:30 AM   | 07:30      |
| 57                       | DISCOVERY / ISS CREW WAKE UP (begins FD 5)                               |             | 03/ 13:30  | 05:32 AM   | 06:32 AM   | 10:32      |
| 57                       | ISS FLIGHT DIRECTOR UPDATE REPLAY  | JSC         | 03/ 13:58  | 06:00 AM   | 07:00 AM   | 11:00      |
| 59                       | CDRA BED 2 REMOVAL AND REPLACEMENT                                       |             | 03/ 16:05  | 08:07 AM   | 09:07 AM   | 13:07      |

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|-------------------------|---|-------------|------------|------------|------------|------------|
| 59                      | JAPANESE EXPERIMENT MODULE VESTIBULE<br>OUTFITTING BEGINS           |             | 03/ 16:15  | 08:17 AM   | 09:17 AM   | 13:17      |
| 59                      | OBSS SENSOR CHECKOUT  |             | 03/ 16:45  | 08:47 AM   | 09:47 AM   | 13:47      |
| 60                      | AIRLOCK CHECK & VALVE INSTALLATION                                  |             | 03/ 18:15  | 10:17 AM   | 11:17 AM   | 15:17      |
| 61                      | JEM-PM POWER CHANNEL B ACTIVATION BEGINS                            |             | 03/ 19:30  | 11:32 AM   | 12:32 PM   | 16:32      |
| 64                      | JEM-PM HATCH OPENING & INGRESS                                      |             | 03/ 23:50  | 03:52 PM   | 04:52 PM   | 20:52      |
| 65                      | EVA #2 PROCEDURE REVIEW   |             | 04/ 01:25  | 05:27 PM   | 06:27 PM   | 22:27      |
| 65                      | JEM-PM RMS RACK TRANSFER FROM JLP TO JEM-PM                         |             | 04/ 02:15  | 06:17 PM   | 07:17 PM   | 23:17      |
| 66                      | MISSION STATUS BRIEFING   | JSC         | 04/ 02:28  | 06:30 PM   | 07:30 PM   | 23:30      |
| 66                      | EVA # 2 CAMP OUT BEGINS WITH FOSSUM AND GARAN                       |             | 04/ 03:55  | 07:57 PM   | 08:57 PM   | 00:57      |
| 66                      | VIDEO FILE  | HQ          | 04/ 03:58  | 08:00 PM   | 09:00 PM   | 01:00      |
| 67                      | ISS CREW SLEEP BEGINS   |             | 04/ 05:00  | 09:02 PM   | 10:02 PM   | 02:02      |
| 68                      | DISCOVERY CREW SLEEP BEGINS   |             | 04/ 05:30  | 09:32 PM   | 10:32 PM   | 02:32      |
| 68                      | FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour during<br>crew sleep) | JSC         | 04/ 05:58  | 10:00 PM   | 11:00 PM   | 03:00      |
| <b>THURSDAY, JUNE 5</b> |   |             |            |            |            |            |
| <b>FD 6</b>             |   |             |            |            |            |            |
| 71                      | ISS FLIGHT DIRECTOR UPDATE  | JSC         | 04/ 10:28  | 02:30 AM   | 03:30 AM   | 07:30      |
| 73                      | DISCOVERY / ISS CREW WAKE UP (begins FD 6)                          |             | 04/ 13:30  | 05:32 AM   | 06:32 AM   | 10:32      |
| 73                      | ISS FLIGHT DIRECTOR UPDATE REPLAY                                   | JSC         | 04/ 13:58  | 06:00 AM   | 07:00 AM   | 11:00      |
| 73                      | EVA #2 PREPARATIONS RESUME  |             | 04/ 14:10  | 06:12 AM   | 07:12 AM   | 11:12      |
| 74                      | JEM-PM TRANSFERS AND OUTFITTING                                     |             | 04/ 15:45  | 07:47 AM   | 08:47 AM   | 12:47      |

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|--------------|---|-------------|------------|------------|------------|------------|
| 75           | DELTA 2 / GLAST LAUNCH COVERAGE (Launch scheduled at 10:45am CT; broadcast on NASA TV Media Channel (103) only) | KSC         | 04/ 16:28  | 08:30 AM   | 09:30 AM   | 13:30      |
| 76           | EVA # 2 BEGINS  |             | 04/ 18:30  | 10:32 AM   | 11:32 AM   | 15:32      |
| 76           | INSTALLATION OF FORWARD AND AFT JTVE  |             | 04/ 19:05  | 11:07 AM   | 12:07 PM   | 16:07      |
| 77           | REMOVAL OF JEM RMS COVER AND END EFFECTOR MLI COVER   |             | 04/ 19:55  | 11:57 AM   | 12:57 PM   | 16:57      |
| 77           | JEM-PM POWER CHANNEL A ACTIVATION BEGINS  |             | 04/ 20:25  | 12:27 PM   | 01:27 PM   | 17:27      |
| 78           | HARMONY ZENITH BERTHING PORT PREPARATION  |             | 04/ 20:55  | 12:57 PM   | 01:57 PM   | 17:57      |
| 78           | INSTALLATION OF JEM-PM TRUNNION AND KEEL COVERS   |             | 04/ 21:20  | 01:22 PM   | 02:22 PM   | 18:22      |
| 79           | ESP-3 NITROGEN TANK ASSEMBLY PREPARATION  |             | 04/ 22:00  | 02:02 PM   | 03:02 PM   | 19:02      |
| 79           | JLP EGRESS AND HATCH CLOSURE  |             | 04/ 22:55  | 02:57 PM   | 03:57 PM   | 19:57      |
| 79           | PORT TRUSS CAMERA RETRIEVAL   |             | 04/ 23:30  | 03:32 PM   | 04:32 PM   | 20:32      |
| 80           | HARMONY ZENITH PORT CONTROLLER PANEL ASSEMBLY INSTALLATION  |             | 05/ 00:10  | 04:12 PM   | 05:12 PM   | 21:12      |
| 80           | EVA # 2 ENDS  |             | 05/ 01:00  | 05:02 PM   | 06:02 PM   | 22:02      |
| 82           | MISSION STATUS BRIEFING   | JSC         | 05/ 02:58  | 07:00 PM   | 08:00 PM   | 00:00      |
| 82           | VIDEO FILE  | HQ          | 05/ 03:58  | 08:00 PM   | 09:00 PM   | 01:00      |
| 83           | ISS CREW SLEEP BEGINS   |             | 05/ 05:00  | 09:02 PM   | 10:02 PM   | 02:02      |
| 83           | DISCOVERY CREW SLEEP BEGINS   |             | 05/ 05:30  | 09:32 PM   | 10:32 PM   | 02:32      |
| 84           | FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep)  | JSC         | 05/ 05:58  | 10:00 PM   | 11:00 PM   | 03:00      |

FRIDAY, JUNE 6

FD 7

| <u>ORBIT</u> | <u>SUBJECT</u>   | <u>SITE</u> |  | <u>MET</u> | <u>CDT</u> | <u>EDT</u> | <u>GMT</u> |
|--------------|--|-------------|--|------------|------------|------------|------------|
| 86           | ISS FLIGHT DIRECTOR UPDATE                                       |             |  | 05/ 10:28  | 02:30 AM   | 03:30 AM   | 07:30      |
| 89           | DISCOVERY / ISS CREW WAKE UP (begins FD 7)                       |             |  | 05/ 13:30  | 05:32 AM   | 06:32 AM   | 10:32      |
| 89           | ISS FLIGHT DIRECTOR UPDATE REPLAY                                | JSC         |  | 05/ 13:58  | 06:00 AM   | 07:00 AM   | 11:00      |
| 90           | RMS / OBSS FOCUSED INSPECTION OF DISCOVERY'S TPS (if required)   |             |  | 05/ 16:30  | 08:32 AM   | 09:32 AM   | 13:32      |
| 91           | JLP VESTIBULE CONFIGURATION AND DEMATE                           |             |  | 05/ 16:40  | 08:42 AM   | 09:42 AM   | 13:42      |
| 92           | JLP VESTIBULE DEPRESSURIZATION                                   |             |  | 05/ 19:10  | 11:12 AM   | 12:12 PM   | 16:12      |
| 93           | LIVE INTERVIEWS WITH KMSB-TV, NATIONAL PUBLIC RADIO, AND WABC-TV | ISS KU      |  | 05/ 19:10  | 11:12 AM   | 12:12 PM   | 16:12      |
| 93           | SSRMS GRAPPLE OF JLP   |             |  | 05/ 21:00  | 01:02 PM   | 02:02 PM   | 18:02      |
| 94           | JLP UNBERTH FROM HARMONY ZENITH PORT                             |             |  | 05/ 21:55  | 01:57 PM   | 02:57 PM   | 18:57      |
| 94           | JLP INSTALLATION ON JEM-PM ZENITH PORT BEGINS                    |             |  | 05/ 22:35  | 02:37 PM   | 03:37 PM   | 19:37      |
| 96           | JLP VESTIBULE LEAK CHECK   |             |  | 06/ 00:55  | 04:57 PM   | 05:57 PM   | 21:57      |
| 97           | JEM RMS FINAL ACTIVATION BEGINS                                  |             |  | 06/ 01:55  | 05:57 PM   | 06:57 PM   | 22:57      |
| 97           | VIDEO FILE   | HQ          |  | 06/ 01:58  | 06:00 PM   | 07:00 PM   | 23:00      |
| 95           | MISSION STATUS BRIEFING  | JSC         |  | 05/ 02:28  | 06:30 PM   | 07:30 PM   | 23:30      |
| 98           | ISS CREW SLEEP BEGINS  |             |  | 06/ 04:30  | 08:32 PM   | 09:32 PM   | 01:32      |
| 99           | DISCOVERY CREW SLEEP BEGINS                                      |             |  | 06/ 05:00  | 09:02 PM   | 10:02 PM   | 02:02      |
| 99           | FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         |  | 06/ 05:58  | 10:00 PM   | 11:00 PM   | 03:00      |

**SATURDAY, JUNE 7**

**FD 8**

|     |                            |     |  |           |          |          |       |
|-----|----------------------------|-----|--|-----------|----------|----------|-------|
| 102 | ISS FLIGHT DIRECTOR UPDATE | JSC |  | 06/ 10:28 | 02:30 AM | 03:30 AM | 07:30 |
|-----|----------------------------|-----|--|-----------|----------|----------|-------|

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|-----------------------|--|-------------|------------|------------|------------|------------|
| 104                   | DISCOVERY / ISS CREW WAKE UP (begins FD 8)                       |             | 06/ 13:00  | 05:02 AM   | 06:02 AM   | 10:02      |
| 105                   | ISS FLIGHT DIRECTOR UPDATE REPLAY                                | JSC         | 06/ 13:58  | 06:00 AM   | 07:00 AM   | 11:00      |
| 107                   | JEM RMS HOLD / RELEASE MECHANISM INITIAL RELEASE TEST            |             | 06/ 18:15  | 10:17 AM   | 11:17 AM   | 15:17      |
| 108                   | JEM RMS INITIAL DEPLOY   |             | 06/ 19:15  | 11:17 AM   | 12:17 PM   | 16:17      |
| 109                   | LIVE INTERVIEWS WITH CNN, WCBS-TV, AND WDAY-TV                   | ISS KU      | 06/ 20:55  | 12:57 PM   | 01:57 PM   | 17:57      |
| 110                   | JLP VESTIBULE OUTFITTING   |             | 06/ 22:15  | 02:17 PM   | 03:17 PM   | 19:17      |
| 111                   | EVA #3 PROCEDURE REVIEW  |             | 07/ 00:25  | 04:27 PM   | 05:27 PM   | 21:27      |
| 112                   | JAXA VIP EVENT   | ISS KU      | 07/ 02:00  | 06:02 PM   | 07:02 PM   | 23:02      |
| 112                   | MISSION STATUS BRIEFING  | JSC         | 07/ 02:28  | 06:30 PM   | 07:30 PM   | 23:30      |
| 113                   | EVA #3 CAMPOUT WITH FOSSUM AND GARAN                             |             | 07/ 02:55  | 06:57 PM   | 07:57 PM   | 23:57      |
| 114                   | ISS CREW SLEEP BEGINS  |             | 07/ 04:00  | 08:02 PM   | 09:02 PM   | 01:02      |
| 114                   | DISCOVERY CREW SLEEP BEGINS                                      |             | 07/ 04:30  | 08:32 PM   | 09:32 PM   | 01:32      |
| 114                   | FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 07/ 04:58  | 09:00 PM   | 10:00 PM   | 02:00      |
| <b>SUNDAY, JUNE 8</b> |  |             |            |            |            |            |
| <b>FD 9</b>           |  |             |            |            |            |            |
| 117                   | ISS FLIGHT DIRECTOR UPDATE                                       | JSC         | 07/ 09:58  | 02:00 AM   | 03:00 AM   | 07:00      |
| 119                   | DISCOVERY / ISS CREW WAKE UP (begins FD 9)                       |             | 07/ 12:30  | 04:32 AM   | 05:32 AM   | 09:32      |
| 120                   | ISS FLIGHT DIRECTOR UPDATE REPLAY                                | JSC         | 07/ 12:58  | 05:00 AM   | 06:00 AM   | 10:00      |
| 120                   | EVA #3 PREPARATIONS RESUME                                       |             | 07/ 13:10  | 05:12 AM   | 06:12 AM   | 10:12      |
| 123                   | EVA #3 BEGINS  |             | 07/ 17:30  | 09:32 AM   | 10:32 AM   | 14:32      |

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|-----------------------|--|-------------|------------|------------|------------|------------|
| 123                   | OLD S1 NTA REMOVAL / NEW NTA RETRIEVAL FROM ESP-3                |             | 07/ 18:05  | 10:07 AM   | 11:07 AM   | 15:07      |
| 124                   | NEW S1 NTA INSTALLATION  |             | 07/ 19:25  | 11:27 AM   | 12:27 PM   | 16:27      |
| 124                   | JEM RMS MLI REMOVAL AND LAUNCH LOCK RETRIEVAL                    |             | 07/ 20:25  | 12:27 PM   | 01:27 PM   | 17:27      |
| 125                   | PORT TRUSS CAMERA INSTALLATION                                   |             | 07/ 21:40  | 01:42 PM   | 02:42 PM   | 18:42      |
| 127                   | EVA #3 ENDS  |             | 07/ 23:50  | 03:52 PM   | 04:52 PM   | 20:52      |
| 128                   | MISSION STATUS BRIEFING  | JSC         | 08/ 01:58  | 06:00 PM   | 07:00 PM   | 23:00      |
| 129                   | ISS CREW SLEEP BEGINS  |             | 08/ 03:30  | 07:32 PM   | 08:32 PM   | 00:32      |
| 130                   | DISCOVERY CREW SLEEP BEGINS                                      |             | 08/ 04:00  | 08:02 PM   | 09:02 PM   | 01:02      |
| 130                   | FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 08/ 04:58  | 09:00 PM   | 10:00 PM   | 02:00      |
| <b>MONDAY, JUNE 9</b> |  |             |            |            |            |            |
| <b>FD 10</b>          |  |             |            |            |            |            |
| 133                   | ISS FLIGHT DIRECTOR UPDATE                                       | JSC         | 08/ 09:28  | 01:30 AM   | 02:30 AM   | 06:30      |
| 135                   | DISCOVERY / ISS CREW WAKE UP (begins FD 10)                      |             | 08/ 12:00  | 04:02 AM   | 05:02 AM   | 09:02      |
| 135                   | ISS FLIGHT DIRECTOR UPDATE REPLAY                                | JSC         | 08/ 12:58  | 05:00 AM   | 06:00 AM   | 10:00      |
| 137                   | JEM RMS FINAL DEPLOY   |             | 08/ 15:05  | 07:07 AM   | 08:07 AM   | 12:07      |
| 137                   | JEM RMS MANEUVER TO STOW POSITION                                |             | 08/ 15:35  | 07:37 AM   | 08:37 AM   | 12:37      |
| 138                   | JEM RMS BRAKE CHECK OUT  |             | 08/ 16:25  | 08:27 AM   | 09:27 AM   | 13:27      |
| 140                   | BATTERY CHARGER MODULE REPLACEMENT IN QUEST AIRLOCK              |             | 08/ 19:15  | 11:17 AM   | 12:17 PM   | 16:17      |
| 140                   | JLP VESTIBULE OUTFITTING   |             | 08/ 19:40  | 11:42 AM   | 12:42 PM   | 16:42      |
| 141                   | JLP INGRESS AND LOGISTICS TRANSFER                               |             | 08/ 21:20  | 01:22 PM   | 02:22 PM   | 18:22      |



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|--------------|---|-------------|------------|------------|------------|------------|
| 143          | JOINT CREW NEWS CONFERENCE  | ISS KU      | 09/ 00:00  | 04:02 PM   | 05:02 PM   | 21:02      |
| 143          | VIDEO FILE  | HQ          | 09/ 00:58  | 05:00 PM   | 06:00 PM   | 22:00      |
| 144          | MISSION STATUS BRIEFING   | JSC         | 09/ 01:28  | 05:30 PM   | 06:30 PM   | 22:30      |
| 144          | JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION     | JSC         | 09/ 02:28  | 06:30 PM   | 07:30 PM   | 23:30      |
| 145          | ISS CREW SLEEP BEGINS   |             | 09/ 03:00  | 07:02 PM   | 08:02 PM   | 00:02      |
| 145          | DISCOVERY CREW SLEEP BEGINS                                       |             | 09/ 03:30  | 07:32 PM   | 08:32 PM   | 00:32      |
| 146          | FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 09/ 03:58  | 08:00 PM   | 09:00 PM   | 01:00      |

**TUESDAY, JUNE 10**

**FD 11**

|     |  |        |           |          |          |       |
|-----|--|--------|-----------|----------|----------|-------|
| 149 | ISS FLIGHT DIRECTOR UPDATE                                   | JSC    | 09/ 09:28 | 01:30 AM | 02:30 AM | 06:30 |
| 150 | DISCOVERY / ISS CREW WAKE UP (begins FD 11)                  |        | 09/ 11:30 | 03:32 AM | 04:32 AM | 08:32 |
| 151 | ISS FLIGHT DIRECTOR UPDATE REPLAY                            | JSC    | 09/ 12:58 | 05:00 AM | 06:00 AM | 10:00 |
| 153 | JEM RMS BACKUP DRIVE SYSTEM SETUP                            |        | 09/ 15:10 | 07:12 AM | 08:12 AM | 12:12 |
| 155 | VIDEO FILE   | HQ     | 09/ 18:58 | 11:00 AM | 12:00 PM | 16:00 |
| 156 | OFF DUTY PERIOD BEGINS                                       |        | 09/ 20:10 | 12:12 PM | 01:12 PM | 17:12 |
| 156 | LIVE INTERVIEWS WITH NBC NEWS, KGO RADIO, AND FOX NEWS RADIO | ISS KU | 09/ 20:20 | 12:22 PM | 01:22 PM | 17:22 |
| 157 | MISSION STATUS BRIEFING                                      | JSC    | 09/ 21:28 | 01:30 PM | 02:30 PM | 18:30 |
| 158 | FAREWELL AND HATCH CLOSURE                                   |        | 09/ 22:55 | 02:57 PM | 03:57 PM | 19:57 |
| 158 | ODS LEAK CHECK / RENDEZVOUS TOOL CHECKOUT                    |        | 09/ 23:30 | 03:32 PM | 04:32 PM | 20:32 |
| 160 | ISS CREW SLEEP BEGINS  |        | 10/ 02:30 | 06:32 PM | 07:32 PM | 23:32 |
| 161 | DISCOVERY CREW SLEEP BEGINS                                  |        | 10/ 03:00 | 07:02 PM | 08:02 PM | 00:02 |

| <u>ORBIT</u>              | <u>SUBJECT</u>  | <u>SITE</u> | <u>MET</u> | <u>CDT</u> | <u>EDT</u> | <u>GMT</u> |
|---------------------------|---|-------------|------------|------------|------------|------------|
| 162                       | FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 10/ 03:58  | 08:00 PM   | 09:00 PM   | 01:00      |
| <b>WEDNESDAY, JUNE 11</b> |   |             |            |            |            |            |
| <b>FD 12</b>              |   |             |            |            |            |            |
| 165                       | ISS FLIGHT DIRECTOR UPDATE  | JSC         | 10/ 10:28  | 02:30 AM   | 03:30 AM   | 07:30      |
| 166                       | DISCOVERY / ISS CREW WAKE UP (begins FD 12)                       |             | 10/ 11:00  | 03:02 AM   | 04:02 AM   | 08:02      |
| 166                       | ISS FLIGHT DIRECTOR UPDATE REPLAY                                 | JSC         | 10/ 11:28  | 03:30 AM   | 04:30 AM   | 08:30      |
| 167                       | CENTERLINE CAMERA INSTALLATION                                    |             | 10/ 13:15  | 05:17 AM   | 06:17 AM   | 10:17      |
| 168                       | DISCOVERY UNDOCKS FROM ISS  |             | 10/ 14:40  | 06:42 AM   | 07:42 AM   | 11:42      |
| 168                       | DISCOVERY FLYAROUND BEGINS  |             | 10/ 15:05  | 07:07 AM   | 08:07 AM   | 12:07      |
| 169                       | FINAL SEPARATION FROM ISS   |             | 10/ 16:23  | 08:25 AM   | 09:25 AM   | 13:25      |
| 170                       | VTR PLAYBACK OF UNDOCKING AND FLYAROUND                           |             | 10/ 16:40  | 08:42 AM   | 09:42 AM   | 13:42      |
| 171                       | RMS / OBSS LATE INSPECTION OF DISCOVERY'S TPS BEGINS              |             | 10/ 18:00  | 10:02 AM   | 11:02 AM   | 15:02      |
| 173                       | MISSION STATUS BRIEFING   | JSC         | 10/ 20:58  | 01:00 PM   | 02:00 PM   | 18:00      |
| 174                       | VIDEO FILE  | HQ          | 10/ 22:58  | 03:00 PM   | 04:00 PM   | 20:00      |
| 176                       | DISCOVERY / ISS CREW SLEEP BEGINS                                 |             | 11/ 02:30  | 06:32 PM   | 07:32 PM   | 23:32      |
| 176                       | FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 11/ 02:58  | 07:00 PM   | 08:00 PM   | 00:00      |
| <b>THURSDAY, JUNE 12</b>  |   |             |            |            |            |            |
| <b>FD 13</b>              |   |             |            |            |            |            |
| 181                       | DISCOVERY CREW WAKE UP (begins FD 13)                             |             | 11/ 10:30  | 02:32 AM   | 03:32 AM   | 07:32      |
| 183                       | OFF DUTY PERIOD BEGINS  |             | 11/ 13:00  | 05:02 AM   | 06:02 AM   | 10:02      |
| 187                       | VIDEO FILE  | HQ          | 11/ 18:58  | 11:00 AM   | 12:00 PM   | 16:00      |

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|------------------------|---|-------------|------------|------------|------------|------------|
| 188                    | LIVE INTERVIEWS WITH ESPN AND ABC NEWS                            | TDRE        | 11/ 20:30  | 12:32 PM   | 01:32 PM   | 17:32      |
| 189                    | OBSS BERTH  |             | 11/ 21:00  | 01:02 PM   | 02:02 PM   | 18:02      |
| 189                    | RMS POWERDOWN   |             | 11/ 22:00  | 02:02 PM   | 03:02 PM   | 19:02      |
| 189                    | POST MMT BRIEFING   | JSC         | 11/ 22:28  | 02:30 PM   | 03:30 PM   | 19:30      |
| 191                    | DISCOVERY CREW SLEEP BEGINS                                       |             | 12/ 02:00  | 06:02 PM   | 07:02 PM   | 23:02      |
| 192                    | FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         | 12/ 02:58  | 07:00 PM   | 08:00 PM   | 00:00      |
| <b>FRIDAY, JUNE 13</b> |   |             |            |            |            |            |
| <b>FD 14</b>           |   |             |            |            |            |            |
| 197                    | DISCOVERY CREW WAKE UP (begins FD 14)                             |             | 12/ 10:00  | 02:02 AM   | 03:02 AM   | 07:02      |
| 199                    | CABIN STOWAGE BEGINS  |             | 12/ 13:05  | 05:07 AM   | 06:07 AM   | 10:07      |
| 199                    | FCS CHECKOUT  |             | 12/ 13:35  | 05:37 AM   | 06:37 AM   | 10:37      |
| 200                    | RCS HOT-FIRE TEST   |             | 12/ 14:45  | 06:47 AM   | 07:47 AM   | 11:47      |
| 200                    | ORBIT ADJUST BURN   |             | 12/ 15:25  | 07:27 AM   | 08:27 AM   | 12:27      |
| 201                    | CREW DEORBIT PREPARATION BRIEFING                                 |             | 12/ 17:05  | 09:07 AM   | 10:07 AM   | 14:07      |
| 202                    | LIVE INTERVIEWS WITH CBS NEWS, WCBS RADIO, AND WINS RADIO         | TDRE        | 12/ 18:35  | 10:37 AM   | 11:37 AM   | 15:37      |
| 203                    | VIDEO FILE  | HQ          | 12/ 19:28  | 11:30 AM   | 12:30 PM   | 16:30      |
| 204                    | REISMAN'S RECUMBENT SEAT SET UP                                   |             | 12/ 20:55  | 12:57 PM   | 01:57 PM   | 17:57      |
| 204                    | MISSION STATUS BRIEFING   | JSC         | 12/ 20:58  | 01:00 PM   | 02:00 PM   | 18:00      |
| 205                    | KU-BAND ANTENNA STOWAGE   |             | 12/ 22:00  | 02:02 PM   | 03:02 PM   | 19:02      |
| 206                    | DELTA 2 / OSTM PRELAUNCH MISSION BRIEFING                         | VAFB        | 12/ 22:58  | 03:00 PM   | 04:00 PM   | 20:00      |
| 206                    | DELTA 2 / OSTM PRELAUNCH SCIENCE BRIEFING                         | VAFB        | 12/ 23:58  | 04:00 PM   | 05:00 PM   | 21:00      |

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|--------------|---|-------------|--|------------|------------|------------|------------|
| 207          | DISCOVERY CREW SLEEP BEGINS                                       |             |  | 13/ 01:30  | 05:32 PM   | 06:32 PM   | 22:32      |
| 207          | FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC         |  | 13/ 01:58  | 06:00 PM   | 07:00 PM   | 23:00      |

**SATURDAY, JUNE 14**

**FD 15**

|     |   |     |  |           |                |          |       |
|-----|---|-----|--|-----------|----------------|----------|-------|
| 212 | DISCOVERY CREW WAKE UP (begins FD 15)   |     |  | 13/ 09:30 | 01:32 AM       | 02:32 AM | 06:32 |
| 214 | DEORBIT PREPARATIONS BEGIN  |     |  | 13/ 12:55 | 04:57 AM       | 05:57 AM | 09:57 |
| 215 | PAYLOAD BAY DOOR CLOSING  |     |  | 13/ 14:29 | 06:31 AM       | 07:31 AM | 11:31 |
| 217 | DEORBIT BURN  |     |  | 13/ 17:09 | 09:11 AM       | 10:11 AM | 14:11 |
| 218 | * MILA C-BAND RADAR ACQUISITION OF DISCOVERY  |     |  | 13/ 17:58 | 10:00 AM       | 11:00 AM | 15:00 |
| 218 | * KSC LANDING   | KSC |  | 13/ 18:11 | 10:13 AM       | 11:13 AM | 15:13 |
|     | 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-124 MISSION HIGHLIGHTS VIDEO REPLAY<br>(replayed after Entry Flight Control Team Video) | JSC |  |           | ~ L+3.5 HRS.   |          |       |
|     | STS-124 CREW NEWS CONFERENCE (may be postponed or cancelled)                                | KSC |  |           | NET L+4.5 HRS. |          |       |
|     | VIDEO B-ROLL OF REISMAN IN CREW QUARTERS<br>(pending availability)                          | KSC |  |           | NET L+6.5 HRS. |          |       |

ORBIT

SUBJECT

SITE

MET

CDT

EDT

GMT

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**DEFINITION OF TERMS**  
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AMC: Americom Satellite  
ATV: Automated Transport Vehicle  
CDRA: Carbon Dioxide Removal Assembly in U.S. Destiny Laboratory  
CDT: Central Daylight Time  
Destiny: U.S. Laboratory on ISS  
EMU: Extravehicular Mobility Unit  
ETCS: External Thermal Control System  
ESA: European Space Agency  
ESP: External Stowage Platform  
EDT: Eastern Daylight Time  
ETVCG: External Television Camera Group  
EVA: Extravehicular Activity  
FCS: Flight Control System  
FD: Flight Day  
GLAST: Gamma-ray Large Area Space Telescope  
GMT: Greenwich Mean Time  
HQ: NASA Headquarters  
ISS: International Space Station  
JAXA: Japan Aerospace and Exploration Agency  
JEM-PM: Japanese Experiment Module - Pressurized Module (KIBO)  
JEM RMS: Japanese Experiment Module - Remote Manipulator System  
JLP: Japanese Logistics Module - Pressurized Section  
JSC: Johnson Space Center  
JTVE: Japanese Television Equipment  
KSC: Kennedy Space Center

| <u>ORBIT</u> | <u>SUBJECT</u>  | <u>SITE</u> | <u>MET</u> | <u>CDT</u> | <u>EDT</u> | <u>GMT</u> |
|--------------|---|-------------|------------|------------|------------|------------|
| L:           | Launch or Landing time  |             |            |            |            |            |
| 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  |             |            |            |            |            |
| MLI:         | Multi-Layer Insulation  |             |            |            |            |            |
| MMT:         | Mission Management Team   |             |            |            |            |            |
| MS:          | Mission Specialist  |             |            |            |            |            |
| MT:          | Mobile Transporter  |             |            |            |            |            |
| NET:         | No Earlier Than   |             |            |            |            |            |
| NTA:         | Nitrogen Tank Assembly  |             |            |            |            |            |
| OBSS:        | Orbiter Boom Sensor System  |             |            |            |            |            |
| ODS:         | Orbiter Docking System  |             |            |            |            |            |
| OMS:         | Orbital Maneuvering System  |             |            |            |            |            |
| OSTM:        | Ocean Surface Topography Mission  |             |            |            |            |            |
| PAO:         | Public Affairs office   |             |            |            |            |            |
| PGDF:        | Power & Data Grapple Fixture  |             |            |            |            |            |
| Quest:       | U.S. Airlock on ISS   |             |            |            |            |            |
| RCS:         | Reaction Control System   |             |            |            |            |            |
| RMS:         | Remote Manipulator System on Discovery  |             |            |            |            |            |
| RPCM:        | Remote Power Control Module   |             |            |            |            |            |
| RPM:         | Rendezvous Pitch Maneuver   |             |            |            |            |            |
| S1:          | Starboard One Truss Segment   |             |            |            |            |            |
| SSRMS:       | Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)   |             |            |            |            |            |
| STS:         | Space Transportation System   |             |            |            |            |            |
| 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  |             |            |            |            |            |
| VIP:         | Very Important Person   |             |            |            |            |            |
| VTR:         | Videotape Recorder  |             |            |            |            |            |
| WLE:         | Wing Leading Edge   |             |            |            |            |            |