
 NASA TELEVISION SCHEDULE
 STS-126 / ULF-2
 UTILIZATION AND LOGISTICS FLIGHT TWO
 REV B
 11/16/08

Standard-Definition NASA TV satellite coordinates are available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. High -Definition NASA TV Channel #106 is broadcast at 720p @ 59.94 fps, carried on an MPEG-2 digital signal on satellite AMC-6, Transponder 17C, at 72 degrees west longitude, 4040 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 36.86, symbol 26.665 and FEC 3/4 will be needed for reception. Mission Audio can be accessed at: <http://www.nasa.gov/ntv>. Clients actively participating in Standard-Definition 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
 Launch occurred at 6:55pm CT (7:55pm ET) on Friday, November 14th, 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>CST</u> | <u>EST</u> | <u>GMT</u> |
|----------------------------|---|-------------|------------|------------|------------|------------|
| SUNDAY, NOVEMBER 16 | | | | | | |
| FD 2 / FD 3 | | | | | | |
| 26 | ENDEAVOUR CREW WAKE UP (begins FD 3) | | 01/ 13:30 | 08:25 AM | 09:25 AM | 14:25 |
| 27 | RENDEZVOUS OPERATIONS BEGIN | | 01/ 15:35 | 10:30 AM | 11:30 AM | 16:30 |
| 29 | * TI BURN | | 01/ 18:31 | 01:26 PM | 02:26 PM | 19:26 |
| 30 | * ENDEAVOUR RPM / ISS CREW VIDEO DOCUMENTATION BEGINS | | 01/ 20:08 | 03:03 PM | 04:03 PM | 21:03 |
| 31 | * ENDEAVOUR / ISS DOCKING (may not be televised live) | | 01/ 21:09 | 04:04 PM | 05:04 PM | 22:04 |
| 32 | * ENDEAVOUR / ISS CREW HATCH OPENING AND WELCOME CEREMONY | | 01/ 22:50 | 05:45 PM | 06:45 PM | 23:45 |
| 32 | CHAMITOFF / MAGNUS SOYUZ SEATLINER SWAP AND INSTALLATION (Magnus officially joins Expedition 18, Chamitoff joins STS-126 Crew) / SSPTS ACTIVATION | | 01/ 23:35 | 06:30 PM | 07:30 PM | 00:30 |
| 33 | MISSION STATUS / POST MMT BRIEFING | JSC | 01/ 23:35 | 06:30 PM | 07:30 PM | 00:30 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|------------|------------|------------|------------|
| 33 | * SSRMS GRAPPLE / UNBERTH OBSS FROM ENDEAVOUR PAYLOAD BAY | | 01/ 23:35 | 06:30 PM | 07:30 PM | 00:30 |
| 33 | * ENDEAVOUR / ISS TRANSFERS BEGIN | | 02/ 00:30 | 07:25 PM | 08:25 PM | 01:25 |
| 34 | * SSRMS HANDOFF OBSS TO SRMS | | 02/ 01:35 | 08:30 PM | 09:30 PM | 02:30 |
| 34 | VTR PLAYBACK OF DOCKING & AND SHUTTLE HD DOWNLINK TEST | TDRW | 02/ 02:25 | 09:20 PM | 10:20 PM | 03:20 |
| 36 | ISS CREW SLEEP BEGINS | | 02/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

MONDAY, NOVEMBER 17

FD 3 / FD 4

| | | | | | | |
|----|--|-----|-----------|----------|----------|-------|
| 36 | ENDEAVOUR CREW SLEEP BEGINS | | 02/ 05:30 | 12:25 AM | 01:25 AM | 06:25 |
| 37 | FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 02/ 06:05 | 01:00 AM | 02:00 AM | 07:00 |
| 39 | HIGH DEFINITION FLIGHT DAY 3 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 02/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 40 | ISS FLIGHT DIRECTOR UPDATE | JSC | 02/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 41 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | 02/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 42 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 4) | | 02/ 13:30 | 08:25 AM | 09:25 AM | 14:25 |
| 42 | VIDEO FILE | HQ | 02/ 14:05 | 09:00 AM | 10:00 AM | 15:00 |
| 43 | SSRMS GRAPPLE & UNBERTH LEONARDO MPLM FROM ENDEAVOUR | | 02/ 15:30 | 10:25 AM | 11:25 AM | 16:25 |
| 43 | LEONARDO MPLM INSTALLATION ON HARMONY NADIR PORT BEGINS | | 02/ 16:00 | 10:55 AM | 11:55 AM | 16:55 |
| 44 | EVA # 1 EQUIPMENT TRANSFER AND | | 02/ 17:00 | 11:55 AM | 12:55 PM | 17:55 |
| 45 | MPLM INSTALLATION COMPLETE | | 02/ 18:10 | 01:05 PM | 02:05 PM | 19:05 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|--|-------------|-----|------------|------------|------------|------------|
| 45 | MISSION STATUS BRIEFING | JSC | 03/ | 19:35 | 02:30 PM | 03:30 PM | 20:30 |
| 45 | MPLM VESTIBULE PRESSURIZATION AND ACTIVATION BEGINS | | 02/ | 19:40 | 02:35 PM | 03:35 PM | 20:35 |
| 47 | LIVE INTERVIEWS WITH WXIA-TV, ATLANTA/WAGA-TV, ATLANTA/WHDH-TV, BOSTON | TDRZ | 02/ | 21:30 | 04:25 PM | 05:25 PM | 22:25 |
| 47 | POST MMT BRIEFING | JSC | 02/ | 22:05 | 05:00 PM | 06:00 PM | 23:00 |
| 49 | MPLM INGRESS | | 03/ | 00:40 | 07:35 PM | 08:35 PM | 01:35 |
| 49 | EVA # 1 PROCEDURE REVIEW | | 03/ | 00:55 | 07:50 PM | 08:50 PM | 01:50 |
| 51 | EVA # 1 CAMPOUT BEGINS WITH PIPER AND BOWEN | | 03/ | 03:25 | 10:20 PM | 11:20 PM | 04:20 |
| 51 | ISS CREW SLEEP BEGINS | | 03/ | 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 52 | ENDEAVOUR CREW SLEEP BEGINS | | 03/ | 05:00 | 11:55 PM | 12:55 AM | 05:55 |

TUESDAY, NOVEMBER 18

FD 4 / FD 5

| | | | | | | | |
|----|--|-----|-----|-------|----------|----------|-------|
| 52 | FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 03/ | 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 55 | HIGH DEFINITION FLIGHT DAY 4 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 03/ | 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 56 | ISS FLIGHT DIRECTOR UPDATE | JSC | 03/ | 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 57 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | 03/ | 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 57 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 5) | | 03/ | 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 58 | EVA # 1 PREPARATIONS RESUME | | 03/ | 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 58 | VIDEO FILE | HQ | 03/ | 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 59 | MPLM TRANSFERS BEGIN | | 03/ | 16:15 | 11:10 AM | 12:10 PM | 17:10 |
| 60 | EVA # 1 BEGINS (Piper and Bowen) | | 03/ | 17:50 | 12:45 PM | 01:45 PM | 18:45 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|--|------------|------------|------------|------------|
| 61 | NTA REMOVAL FROM ESP-3 | | | 03/ 18:20 | 01:15 PM | 02:15 PM | 19:15 |
| 61 | NTA INSTALLATION IN ENDEAVOUR'S PAYLOAD BAY / FHRC REMOVAL | | | 03/ 19:15 | 02:10 PM | 03:10 PM | 20:10 |
| 62 | * FHRC INSTALLATION ON ESP-3 | | | 03/ 20:10 | 03:05 PM | 04:05 PM | 21:05 |
| 62 | EFBM REMOVAL BEGINS | | | 03/ 20:30 | 03:25 PM | 04:25 PM | 21:25 |
| 62 | STARBOARD SARJ CLEANING / TRUNDLE BEARING ASSEMBLY REPLACEMENT BEGINS | | | 03/ 20:45 | 03:40 PM | 04:40 PM | 21:40 |
| 63 | ZERO-G STOWAGE RACK INSTALLATION IN COLUMBUS MODULE, JAPANESE LOGISTICS MODULE AND KIBO MODULE BEGINS | | | 03/ 22:00 | 04:55 PM | 05:55 PM | 22:55 |
| 64 | EVA # 1 ENDS | | | 04/ 00:20 | 07:15 PM | 08:15 PM | 01:15 |
| 66 | MISSION STATUS BRIEFING | JSC | | 04/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| 67 | ISS CREW SLEEP BEGINS | | | 04/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 68 | ENDEAVOUR CREW SLEEP BEGINS | | | 04/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

WEDNESDAY, NOVEMBER 19

FD 5 / FD 6

| | | | | | | | |
|----|--|-----|--|-----------|----------|----------|-------|
| 68 | FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 04/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 70 | HIGH DEFINITION FLIGHT DAY 5 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 04/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 71 | ISS FLIGHT DIRECTOR UPDATE | JSC | | 04/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 72 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | | 04/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 73 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 6) | | | 04/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 73 | VIDEO FILE | HQ | | 04/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 74 | WRS RACKS 1 & 2 INSTALLATION IN DESTINY LAB BEGINS | | | 04/ 15:15 | 10:10 AM | 11:10 AM | 16:10 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|------------------------------|--|-------------|------------|------------|------------|------------|
| 75 | RMS / OBSS FOCUSED INSPECTION OF ENDEAVOUR TPS (If required) | | 04/ 16:25 | 11:20 AM | 12:20 PM | 17:20 |
| 75 | EXPRESS RACK INSTALLATION IN DESTINY LAB BEGINS | | 04/ 16:45 | 11:40 AM | 12:40 PM | 17:40 |
| 76 | CIR RACK INSTALLATION IN DESTINY LAB BEGINS | | 04/ 17:15 | 12:10 PM | 01:10 PM | 18:10 |
| 76 | WHC RACK INSTALLATION IN DESTINY LAB BEGINS | | 04/ 18:15 | 01:10 PM | 02:10 PM | 19:10 |
| 77 | PORT CREW QUARTERS INSTALLATION IN DESTINY | | 04/ 18:45 | 01:40 PM | 02:40 PM | 19:40 |
| 77 | LIVE INTERVIEWS WITH ASSOCIATED PRESS/ KMSP-TV, MINNEAPOLIS/ WCVB-TV, BOSTON | ISS KU | 04/ 19:45 | 02:40 PM | 03:40 PM | 20:40 |
| 78 | HARMONY RSR MOVE TO MPLM | | 04/ 20:45 | 03:40 PM | 04:40 PM | 21:40 |
| 78 | STARBOARD CREW QUARTERS INSTALLATION IN DESTINY LAB BEGINS | | 04/ 21:45 | 04:40 PM | 05:40 PM | 22:40 |
| 80 | MISSION STATUS BRIEFING | JSC | 05/ 00:05 | 07:00 PM | 08:00 PM | 01:00 |
| 81 | EVA # 2 PROCEDURE REVIEW | | 05/ 00:55 | 07:50 PM | 08:50 PM | 01:50 |
| 82 | EVA # 2 CAMPOUT BEGINS WITH PIPER AND KIMBROUGH | | 05/ 03:25 | 10:20 PM | 11:20 PM | 04:20 |
| 83 | ISS CREW SLEEP BEGINS | | 05/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 83 | ENDEAVOUR CREW SLEEP BEGINS | | 05/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |
| THURSDAY, NOVEMBER 20 | | | | | | |
| FD 6 / FD 7 | | | | | | |
| 84 | FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 05/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 86 | HIGH DEFINITION FLIGHT DAY 6 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 05/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 87 | ISS FLIGHT DIRECTOR UPDATE | JSC | 05/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|--|-------------|--|------------|------------|------------|------------|
| 88 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | | 05/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 89 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 7) | | | 05/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 89 | EVA # 2 PREPARATIONS RESUME | | | 05/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 89 | VIDEO FILE | HQ | | 05/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 90 | MPLM TRANSFERS RESUME | | | 05/ 15:55 | 10:50 AM | 11:50 AM | 16:50 |
| 91 | JLP GPS ANTENNA ASSEMBLY BEGINS | | | 05/ 16:20 | 11:15 AM | 12:15 PM | 17:15 |
| 92 | EVA # 2 BEGINS (Piper and Kimbrough) | | | 05/ 17:50 | 12:45 PM | 01:45 PM | 18:45 |
| 92 | CETA CART RELOCATION FROM S1 TO P1 TRUSS | | | 05/ 18:20 | 01:15 PM | 02:15 PM | 19:15 |
| 93 | SSRMS LEE-A SNARE LUBRICATION / STARBOARD SARJ CLEANING AND TRUNDLE BEARING ASSEMBLY REPLACEMENT RESUMES | | | 05/ 20:05 | 03:00 PM | 04:00 PM | 21:00 |
| 96 | EVA # 2 ENDS | | | 06/ 00:20 | 07:15 PM | 08:15 PM | 01:15 |
| 97 | MISSION STATUS BRIEFING | JSC | | 06/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| 99 | ISS CREW SLEEP BEGINS | | | 06/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 99 | ENDEAVOUR CREW SLEEP BEGINS | | | 06/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

FRIDAY, NOVEMBER 21

FD 7 / FD 8

| | | | | | | | |
|-----|--|-----|--|-----------|----------|----------|-------|
| 99 | FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 06/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 102 | HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 06/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 103 | ISS FLIGHT DIRECTOR UPDATE | JSC | | 06/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 104 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | | 06/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 104 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 8) | | | 06/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|------------|------------|------------|------------|
| 105 | VIDEO FILE | HQ | 06/ 14:05 | 09:00 AM | 10:00 AM | 15:00 |
| 106 | EFBM CHECKOUT | | 06/ 15:15 | 10:10 AM | 11:10 AM | 16:10 |
| 106 | * MPLM TRANSFERS RESUME | | 06/ 16:05 | 11:00 AM | 12:00 PM | 17:00 |
| 107 | ETVCG ASSEMBLY | | 06/ 17:15 | 12:10 PM | 01:10 PM | 18:10 |
| 108 | JOINT CREW NEWS CONFERENCE | ISS KU | 06/ 19:00 | 01:55 PM | 02:55 PM | 19:55 |
| 109 | MISSION STATUS BRIEFING | JSC | 06/ 20:05 | 03:00 PM | 04:00 PM | 21:00 |
| 110 | ENDEAVOUR / ISS CREW OFF DUTY PERIOD | | 06/ 21:00 | 03:55 PM | 04:55 PM | 21:55 |
| 112 | EVA # 3 PROCEDURE REVIEW | | 07/ 00:55 | 07:50 PM | 08:50 PM | 01:50 |
| 114 | EVA # 3 CAMPOUT BEGINS WITH PIPER AND BOWEN | | 07/ 03:25 | 10:20 PM | 11:20 PM | 04:20 |
| 114 | ISS CREW SLEEP BEGINS | | 07/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 115 | ENDEAVOUR CREW SLEEP BEGINS | | 07/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

SATURDAY, NOVEMBER 22

FD 8 / FD 9

| | | | | | | |
|-----|--|-----|-----------|----------|----------|-------|
| 115 | FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 07/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 118 | HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 07/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 119 | ISS FLIGHT DIRECTOR UPDATE | JSC | 07/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 120 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | 07/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 120 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 9) | | 07/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 120 | EVA #3 PREPARATIONS RESUME | | 07/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 122 | MPLM TRANSFERS RESUME | | 07/ 15:55 | 10:50 AM | 11:50 AM | 16:50 |
| 123 | EVA #3 BEGINS (Piper and Bowen) | | 07/ 17:50 | 12:45 PM | 01:45 PM | 18:45 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|--|-------------|------------|------------|------------|------------|
| 123 | SDRM INSTALL IN ISS EXPRESS-5 RACK | | 07/ 18:10 | 01:05 PM | 02:05 PM | 19:05 |
| 124 | STARBOARD SARJ CLEANING AND TRUNDLE BEARING ASSEMBLY REPLACEMENT RESUMES | | 07/ 18:20 | 01:15 PM | 02:15 PM | 19:15 |
| 125 | TOCA INSTALLATION | | 07/ 21:20 | 04:15 PM | 05:15 PM | 22:15 |
| 127 | EVA #3 ENDS | | 08/ 00:50 | 07:45 PM | 08:45 PM | 01:45 |
| 129 | MISSION STATUS BRIEFING | JSC | 08/ 02:35 | 09:30 PM | 10:30 PM | 03:30 |
| 130 | ISS CREW SLEEP BEGINS | | 08/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 131 | ENDEAVOUR CREW SLEEP BEGINS | | 08/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

SUNDAY, NOVEMBER 23

FD 9 / FD 10

| | | | | | | |
|-----|--|--------|-----------|----------|----------|-------|
| 131 | FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 08/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 132 | STARBOARD SARJ AUTOTRACK TEST | JSC | 08/ 07:45 | 02:40 AM | 03:40 AM | 08:40 |
| 134 | HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 08/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 135 | ISS FLIGHT DIRECTOR UPDATE | JSC | 08/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 136 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | 08/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 136 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 10) | | 08/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 138 | ENDEAVOUR CREW OFF DUTY PERIOD BEGINS | | 08/ 16:10 | 11:05 AM | 12:05 PM | 17:05 |
| 140 | MISSION STATUS BRIEFING | JSC | 08/ 19:35 | 02:30 PM | 03:30 PM | 20:30 |
| 141 | LIVE INTERVIEWS WITH ABC NEWS/ CBS NEWS/ NBC NEWS | ISS KU | 08/ 21:10 | 04:05 PM | 05:05 PM | 22:05 |
| 142 | MPLM TRANSFERS RESUME | | 08/ 21:10 | 04:05 PM | 05:05 PM | 22:05 |
| 144 | EVA # 4 PROCEDURE REVIEW | | 09/ 00:55 | 07:50 PM | 08:50 PM | 01:50 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|------------|------------|------------|------------|
| 145 | EVA # 4 CAMPOUT BEGINS WITH BOWEN AND KIMBROUGH | | 09/ 03:25 | 10:20 PM | 11:20 PM | 04:20 |
| 146 | ISS CREW SLEEP BEGINS | | 09/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 146 | ENDEAVOUR CREW SLEEP BEGINS | | 09/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |

MONDAY, NOVEMBER 24

FD 10 / FD 11

| | | | | | | |
|-----|---|-----|-----------|----------|----------|-------|
| 146 | FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 09/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 149 | HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | 09/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 150 | ISS FLIGHT DIRECTOR UPDATE | JSC | 09/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 151 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | 09/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 151 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 11) | | 09/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 152 | EVA # 4 PREPARATIONS RESUME | | 09/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 152 | VIDEO FILE | HQ | 09/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 153 | MPLM TRANSFERS RESUME | | 09/ 16:10 | 11:05 AM | 12:05 PM | 17:05 |
| 155 | EVA # 4 BEGINS (Bowen and Kimbrough) | | 09/ 17:50 | 12:45 PM | 01:45 PM | 18:45 |
| 155 | MULTILAYER COVER REMOVAL ON P3 TRUSS | | 09/ 18:35 | 01:30 PM | 02:30 PM | 19:30 |
| 155 | PORT SARJ LUBRICATION BEGINS | | 09/ 19:05 | 02:00 PM | 03:00 PM | 20:00 |
| 156 | EFBM COVER INSTALLATION | | 09/ 19:20 | 02:15 PM | 03:15 PM | 20:15 |
| 156 | ETVCG INSTALL ON P1 TRUSS | | 09/ 19:50 | 02:45 PM | 03:45 PM | 20:45 |
| 157 | FIRST WATER RECOVERY SYSTEM SAMPLE COLLECTION | | 09/ 20:50 | 03:45 PM | 04:45 PM | 21:45 |
| 157 | GPS ANTENNA INSTALL ON JLP | | 09/ 20:50 | 03:45 PM | 04:45 PM | 21:45 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|-----------------------------|---|-------------|--|------------|------------|------------|------------|
| 157 | THERMAL COVER INSTALL ON P3 TRUSS | | | 09/ 21:50 | 04:45 PM | 05:45 PM | 22:45 |
| 159 | EVA # 4 ENDS | | | 10/ 00:20 | 07:15 PM | 08:15 PM | 01:15 |
| 160 | MPLM RACK CONFIGURATION | | | 10/ 01:25 | 08:20 PM | 09:20 PM | 02:20 |
| 160 | MISSION STATUS BRIEFING | JSC | | 10/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| 162 | ISS CREW SLEEP BEGINS | | | 10/ 04:30 | 11:25 PM | 12:25 AM | 05:25 |
| 162 | ENDEAVOUR CREW SLEEP BEGINS | | | 10/ 05:00 | 11:55 PM | 12:55 AM | 05:55 |
| TUESDAY, NOVEMBER 25 | | | | | | | |
| FD 11 / FD 12 | | | | | | | |
| 162 | FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 10/ 05:05 | 12:00 AM | 01:00 AM | 06:00 |
| 165 | HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 10/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 166 | ISS FLIGHT DIRECTOR UPDATE | JSC | | 10/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 167 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | | 10/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 167 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 12) | | | 10/ 13:00 | 07:55 AM | 08:55 AM | 13:55 |
| 168 | VIDEO FILE | HQ | | 10/ 14:05 | 09:00 AM | 10:00 AM | 15:00 |
| 169 | ENDEAVOUR / ISS TRANSFERS RESUME | | | 10/ 16:10 | 11:05 AM | 12:05 PM | 17:05 |
| 169 | MPLM EGRESS AND DEACTIVATION | | | 10/ 16:15 | 11:10 AM | 12:10 PM | 17:10 |
| 170 | POST EVA TRANSFER RECONFIGURATION | | | 10/ 17:45 | 12:40 PM | 01:40 PM | 18:40 |
| 171 | MPLM VESTIBULE DEPRESSURIZATION | | | 10/ 18:20 | 01:15 PM | 02:15 PM | 19:15 |
| 172 | SSRMS GRAPPLE OF LEONARDO MPLM | | | 10/ 20:40 | 03:35 PM | 04:35 PM | 21:35 |
| 173 | LIVE INTERVIEWS WITH WTXF-TV, PHILADELPHIA / KPAM-AM RADIO, PORTLAND OR/KARE-TV, MINNEAPOLIS | ISS KU | | 10/ 21:10 | 04:05 PM | 05:05 PM | 22:05 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|--|------------|------------|------------|------------|
| 173 | SSRMS DEMATE MPLM FROM HARMONY | | | 10/ 21:55 | 04:50 PM | 05:50 PM | 22:50 |
| 174 | SSRMS BERTHS MPLM IN ENDEAVOUR'S PAYLOAD BAY | | | 10/ 23:25 | 06:20 PM | 07:20 PM | 00:20 |
| 176 | MISSION STATUS BRIEFING | JSC | | 11/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| 177 | ISS CREW SLEEP BEGINS | | | 11/ 03:30 | 10:25 PM | 11:25 PM | 04:25 |
| 177 | ENDEAVOUR CREW SLEEP BEGINS | | | 11/ 04:00 | 10:55 PM | 11:55 PM | 04:55 |
| 177 | FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 11/ 04:05 | 11:00 PM | 12:00 AM | 05:00 |

WEDNESDAY, NOVEMBER 26

FD 12 / FD 13

| | | | | | | | |
|-----|---|--------|--|-----------|----------|----------|-------|
| 181 | HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 11/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 182 | ISS FLIGHT DIRECTOR UPDATE | JSC | | 11/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 182 | ENDEAVOUR / ISS CREW WAKE UP (begins FD 13) | | | 11/ 12:00 | 06:55 AM | 07:55 AM | 12:55 |
| 183 | ISS FLIGHT DIRECTOR UPDATE REPLAY | JSC | | 11/ 12:35 | 07:30 AM | 08:30 AM | 13:30 |
| 184 | VIDEO FILE | HQ | | 11/ 14:05 | 09:00 AM | 10:00 AM | 15:00 |
| 184 | ENDEAVOUR CREW OFF DUTY PERIOD BEGINS | | | 11/ 14:20 | 09:15 AM | 10:15 AM | 15:15 |
| 187 | LIVE INTERVIEWS WITH KYW-TV, PHILADELPHIA/ WCCO-TV, MINNEAPOLIS/ KOIN-TV, PORTLAND, OR | ISS KU | | 11/ 19:20 | 02:15 PM | 03:15 PM | 20:15 |
| 189 | MISSION STATUS BRIEFING | JSC | | 11/ 21:35 | 04:30 PM | 05:30 PM | 22:30 |
| 189 | RENDEZVOUS TOOL CHECKOUT | | | 11/ 22:00 | 04:55 PM | 05:55 PM | 22:55 |
| 190 | FAREWELL AND HATCH CLOSURE | | | 11/ 23:00 | 05:55 PM | 06:55 PM | 23:55 |
| 190 | CENTERLINE CAMERA INSTALLATION | | | 11/ 23:05 | 06:00 PM | 07:00 PM | 00:00 |
| 190 | ODS LEAK CHECK | | | 11/ 23:35 | 06:30 PM | 07:30 PM | 00:30 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|------------------------------|---|-------------|--|------------|------------|------------|------------|
| 192 | ISS CREW SLEEP BEGINS | | | 12/ 02:30 | 09:25 PM | 10:25 PM | 03:25 |
| 192 | ENDEAVOUR CREW SLEEP BEGINS | | | 12/ 03:00 | 09:55 PM | 10:55 PM | 03:55 |
| 192 | FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 12/ 03:05 | 10:00 PM | 11:00 PM | 04:00 |
| THURSDAY, NOVEMBER 27 | | | | | | | |
| FD 13 / FD 14 | | | | | | | |
| 196 | HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 12/ 10:05 | 05:00 AM | 06:00 AM | 11:00 |
| 197 | ENDEAVOUR CREW WAKE UP (begins FD 14) | | | 12/ 11:00 | 05:55 AM | 06:55 AM | 11:55 |
| 197 | ISS FLIGHT DIRECTOR UPDATE | JSC | | 12/ 11:35 | 06:30 AM | 07:30 AM | 12:30 |
| 200 | ENDEAVOUR UNDOCKS FROM ISS | | | 12/ 14:45 | 09:40 AM | 10:40 AM | 15:40 |
| 200 | ENDEAVOUR FLYAROUND BEGINS (portions may be broadcast in HD) | | | 12/ 15:10 | 10:05 AM | 11:05 AM | 16:05 |
| 202 | FINAL SEPARATION FROM ISS | | | 12/ 17:13 | 12:08 PM | 01:08 PM | 18:08 |
| 203 | RMS / OBSS LATE INSPECTION OF ENDEAVOUR'S TPS BEGINS | | | 12/ 18:50 | 01:45 PM | 02:45 PM | 19:45 |
| 204 | MISSION STATUS BRIEFING | JSC | | 12/ 21:35 | 04:30 PM | 05:30 PM | 22:30 |
| 207 | ENDEAVOUR CREW SLEEP BEGINS | | | 13/ 02:00 | 08:55 PM | 09:55 PM | 02:55 |
| 207 | FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | | 13/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| FRIDAY, NOVEMBER 28 | | | | | | | |
| FD 15 | | | | | | | |
| 211 | HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (pending availability; on the NASA-TV HDTV Channel) | JSC | | 13/ 09:05 | 04:00 AM | 05:00 AM | 10:00 |

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|------------------------------|---|-------------|------------|------------|------------|------------|
| 212 | ENDEAVOUR CREW WAKE UP (begins FD 15) | | 13/ 10:00 | 04:55 AM | 05:55 AM | 10:55 |
| 215 | VTR PLAYBACK | | 13/ 12:55 | 07:50 AM | 08:50 AM | 13:50 |
| 215 | CABIN STOWAGE BEGINS | | 13/ 13:20 | 08:15 AM | 09:15 AM | 14:15 |
| 215 | VIDEO FILE | HQ | 13/ 13:35 | 08:30 AM | 09:30 AM | 14:30 |
| 216 | FCS CHECKOUT | | 13/ 15:45 | 10:40 AM | 11:40 AM | 16:40 |
| 217 | RCS HOT-FIRE TEST | | 13/ 16:55 | 11:50 AM | 12:50 PM | 17:50 |
| 217 | CREW DEORBIT PREPARATION BRIEFING | | 13/ 17:10 | 12:05 PM | 01:05 PM | 18:05 |
| 218 | LIVE INTERVIEWS WITH CNN/ KRON-TV, SAN FRANCISCO/ KATU-TV, PORTLAND, OR (on both Standard and High-Definition NASA TV Channels) | TDRE | 13/ 17:40 | 12:35 PM | 01:35 PM | 18:35 |
| 218 | OBSS BERTH | | 13/ 19:00 | 01:55 PM | 02:55 PM | 19:55 |
| 219 | PICOSAT DEPLOY | | 13/ 20:25 | 03:20 PM | 04:20 PM | 21:20 |
| 220 | CHAMITOFF'S RECUMBENT SEAT SET UP | | 13/ 21:30 | 04:25 PM | 05:25 PM | 22:25 |
| 220 | MISSION STATUS BRIEFING / POST MMT BRIEFING | JSC | 13/ 21:35 | 04:30 PM | 05:30 PM | 22:30 |
| 221 | KU-BAND ANTENNA STOWAGE | | 13/ 22:50 | 05:45 PM | 06:45 PM | 23:45 |
| 223 | ENDEAVOUR CREW SLEEP BEGINS | | 14/ 02:00 | 08:55 PM | 09:55 PM | 02:55 |
| 223 | FLIGHT DAY 15 HIGHLIGHTS (replayed on the hour during crew sleep) | JSC | 14/ 02:05 | 09:00 PM | 10:00 PM | 03:00 |
| SATURDAY, NOVEMBER 29 | | | | | | |
| FD 16 | | | | | | |
| 228 | ENDEAVOUR CREW WAKE UP (begins FD 16) | | 14/ 10:00 | 04:55 AM | 05:55 AM | 10:55 |
| 230 | DEORBIT PREPARATIONS BEGIN | | 14/ 13:10 | 08:05 AM | 09:05 AM | 14:05 |
| 231 | * PAYLOAD BAY DOOR CLOSING | | 14/ 14:45 | 09:40 AM | 10:40 AM | 15:40 |

| <u>ORBIT</u> | | <u>SUBJECT</u> | <u>SITE</u> | | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|---|-------------|-----|------------|----------------|------------|------------|
| 233 | * | DEORBIT BURN | | 14/ | 17:25 | 12:20 PM | 01:20 PM | 18:20 |
| 234 | * | MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR | | 14/ | 18:15 | 01:10 PM | 02:10 PM | 19:10 |
| 234 | * | KSC LANDING | KSC | 14/ | 18:28 | 01:23 PM | 02:23 PM | 19:23 |
| | | POST-LANDING NEWS CONFERENCE | KSC | | | NET L+2 HRS. | | |
| | | ENTRY FLIGHT CONTROL TEAM VIDEO REPLAY (replayed after Post-Landing News Conference) | JSC | | | ~ L+3 HRS. | | |
| | | STS-126 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video) | JSC | | | ~ L+3.5 HRS. | | |
| | | STS-126 CREW NEWS CONFERENCE (may be postponed or cancelled) | KSC | | | NET L+4.5 HRS. | | |
| | | VIDEO B-ROLL OF CHAMITOFF IN CREW QUARTERS (pending availability) | KSC | | | NET L+6.5 HRS. | | |

ORBIT

SUBJECT

SITE

MET

CST

EST

GMT

DEFINITION OF TERMS

AMC: Americom Satellite
CST: Central Standard Time
CETA: Crew Equipment Translation Aid
CIR: Combustion Integration Rack
Destiny: U.S. Laboratory on ISS
EFBM: External Facility Berthing Mechanism
EMU: Extravehicular Mobility Unit
ESP: External Stowage Platform
EST: Eastern Standard Time
ETVCG: External Television Camera Group
EVA: Extravehicular Activity
FHRC: Flex Hose Rotary Coupler
FCS: Flight Control System
FD: Flight Day
GMT: Greenwich Mean Time
GPS: Global Positioning System
HARMONY Node 2
HD: High Definition Television
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
KIBO: Japanese Pressurized Module
KSC: Kennedy Space Center

| <u>ORBIT</u> | <u>SUBJECT</u> | <u>SITE</u> | <u>MET</u> | <u>CST</u> | <u>EST</u> | <u>GMT</u> |
|--------------|---|-------------|------------|------------|------------|------------|
| L: | Launch or Landing time | | | | | |
| LEE | Latching End-Effector | | | | | |
| 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 | | | | | |
| MPLM | Multi-Purpose Logistics Module | | | | | |
| 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 | | | | | |
| PAO: | Public Affairs office | | | | | |
| PGDF: | Power & Data Grapple Fixture | | | | | |
| PICOSAT: | PICOSAT Solar Cell Experiment | | | | | |
| Quest: | U.S. Airlock on ISS | | | | | |
| RCS: | Reaction Control System | | | | | |
| RJMC | Rotary Joint Motor Controllers | | | | | |
| RMS: | Remote Manipulator System on Endeavour | | | | | |
| RPCM: | Remote Power Control Module | | | | | |
| RPM: | Rendezvous Pitch Maneuver | | | | | |
| RSR: | Resupply Stowage Rack | | | | | |
| S1: | Starboard One Truss Segment | | | | | |
| SARJ: | Solar Alpha Rotary Joint | | | | | |
| SDRM | Space-Dynamically Responding Ultrasonic Matrix System | | | | | |
| SSPTS | Station/Shuttle Power Transfer System | | | | | |
| SSRMS: | Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm) | | | | | |
| STS: | Space Transportation System | | | | | |
| TI: | Terminal Initiation Rendezvous Maneuver | | | | | |
| TOCA: | Total Organic Carbon Analyzer | | | | | |
| 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 | | | | | |
| WHC | Waste and Hygiene Compartment | | | | | |
| WHS | Waste and Hygiene System | | | | | |
| WLE: | Wing Leading Edge | | | | | |
| WRS | Water Recovery System | | | | | |