
 NASA TELEVISION SCHEDULE
 STS-134 / ULF-6
 ISS UTILIZATION LOGISTICS FLIGHT 6 / ALPHA MAGNETIC SPECTROMETER
 REV H
 5/24/11

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 7:56am CT (8:56am ET) on Monday, May 16, 2011.
 An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
TUESDAY, MAY 24						
FD 9 / FD 10						
135	EVA # 3 ISLE PREPARATIONS BEGIN		08/ 12:15	08:11 PM	09:11 PM	01:11
136	EVA # 3 ISLE METHOD CREW PREBREATHE BEGINS (Feustel and Fincke)		08/ 14:40	10:36 PM	11:36 PM	03:36
137	ENDEAVOUR / ISS TRANSFERS RESUME		08/ 15:35	11:31 PM	12:31 AM	04:31
WEDNESDAY, MAY 25						
FD 10 / FD 11						
138	EVA # 3 BEGINS (Feustel and Fincke)		08/ 16:50	12:46 AM	01:46 AM	05:46
139	PDGF INSTALLATION ON ZARYA		08/ 18:20	02:16 AM	03:16 AM	07:16
139	VSC INSTALLATION ON ZARYA		08/ 18:35	02:31 AM	03:31 AM	07:31
139	ZARYA POWER FEED CABLE INSTALL (CHANNELS 1 & 4)		08/ 19:05	03:01 AM	04:01 AM	08:01
140	DATA CABLE INSTALL ON ZARYA		08/ 19:50	03:46 AM	04:46 AM	08:46

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
140	ZARYA POWER FEED CABLE INSTALL (CHANNELS 2 & 3)		08/ 20:35	04:31 AM	05:31 AM	09:31
141	STRELA ADAPTER RELOCATION FROM NODE 3 TO ZARYA / ZARYA PDGF & THRUSTER PHOTOGRAPHY		08/ 21:40	05:36 AM	06:36 AM	10:36
142	EVA # 3 ENDS		08/ 23:20	07:16 AM	08:16 AM	12:16
143	MISSION STATUS BRIEFING	JSC	09/ 01:04	09:00 AM	10:00 AM	14:00
144	ISS CREW SLEEP BEGINS		09/ 02:30	10:26 AM	11:26 AM	15:26
145	ENDEAVOUR CREW SLEEP BEGINS		09/ 03:00	10:56 AM	11:56 AM	15:56
145	* STS-134 SOLID ROCKET BOOSTER VIDEO	JSC	09/ 03:04	11:00 AM	12:00 PM	16:00
145	* FLIGHT DAY 10 HIGHLIGHTS (replayed at 2pm CT, 4pm CT and 6pm CT)	JSC	09/ 04:04	12:00 PM	01:00 PM	17:00
146	EXPEDITION 28 CREW DEPARTURE TO KAZAKHSTAN VIDEO FILE	JSC	09/ 05:04	01:00 PM	02:00 PM	18:00
147	* STS-134 SOLID ROCKET BOOSTER VIDEO REPLAY	JSC	09/ 07:04	03:00 PM	04:00 PM	20:00
148	ISS FLIGHT DIRECTOR UPDATE	JSC	09/ 08:49	04:45 PM	05:45 PM	21:45
149	* STS-134 SOLID ROCKET BOOSTER VIDEO REPLAY	JSC	09/ 09:04	05:00 PM	06:00 PM	22:00
149	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	09/ 09:49	05:45 PM	06:45 PM	22:45
150	ENDEAVOUR / ISS CREW WAKE (begins FD 11)		09/ 11:00	06:56 PM	07:56 PM	23:56
152	OBSS LATE INSPECTION OF ENDEAVOUR'S TPS		09/ 14:00	09:56 PM	10:56 PM	02:56
152	KVOA-TV, Tucson, AZ / KUAT-TV, Tucson, AZ / KGUN-TV, Tucson, AZ / KOLD-TV, Tucson, AZ LIVE INTERVIEWS	ISS Ku	09/ 14:06	10:02 PM	11:02 PM	03:02
THURSDAY, MAY 26						
FD 11 / FD 12						
156	JOINT CREW NEWS CONFERENCE	ISS Ku	09/ 20:46	04:42 AM	05:42 AM	09:42
157	MISSION STATUS BRIEFING	JSC	09/ 21:34	05:30 AM	06:30 AM	10:30

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
158	EVA #4 CREW PROCEDURE REVIEW		09/ 22:55	06:51 AM	07:51 AM	11:51
158	EXPEDITION 26/27 FLIGHT ENGINEER PAOLO NESPOLI NEWS CONFERENCE FOR EUROPEAN MEDIA	JSC	09/ 23:04	07:00 AM	08:00 AM	12:00
158	INTERPRETED REPLAY OF JOINT CREW NEWS CONFERENCE	JSC	09/ 00:04	08:00 AM	09:00 AM	13:00
159	EVA # 4 CAMPOUT BEGINS (Fincke & Chamitoff)		10/ 01:25	09:21 AM	10:21 AM	14:21
160	ENDEAVOUR / ISS CREW SLEEP BEGINS		10/ 02:30	10:26 AM	11:26 AM	15:26
160	ENDEAVOUR CREW SLEEP BEGINS		10/ 03:00	10:56 AM	11:56 AM	15:56
160	VIDEO FILE	HQ	10/ 03:04	11:00 AM	12:00 PM	16:00
161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 04:04	12:00 PM	01:00 PM	17:00
164	ISS FLIGHT DIRECTOR UPDATE	JSC	10/ 08:49	04:45 PM	05:45 PM	21:45
165	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	10/ 09:49	05:45 PM	06:45 PM	22:45
166	ENDEAVOUR / ISS CREW WAKE UP (begins FD 12)		10/ 11:00	06:56 PM	07:56 PM	23:56
166	EVA # 4 PREPARATIONS RESUME		10/ 11:35	07:31 PM	08:31 PM	00:31
169	SRMS GRAPPLES OBSS		10/ 15:45	11:41 PM	12:41 AM	04:41
169	EVA # 4 BEGINS (Fincke and Chamitoff)		10/ 15:50	11:46 PM	12:46 AM	04:46
169	SRMS HANDOFF OBSS TO SSRMS		10/ 15:55	11:51 PM	12:51 AM	04:51
FRIDAY, MAY 27						
FD 12 / FD 13						
169	OBSS INSTALLATION ON S1 TRUSS		10/ 16:20	12:16 AM	01:16 AM	05:16
170	P6 PDGF RETRIEVAL		10/ 17:20	01:16 AM	02:16 AM	06:16

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
171	REMOVAL OF OBSS EDGF / REPLACEMENT WITH PDGF		10/ 18:45	02:41 AM	03:41 AM	07:41
171	EDGF STOWAGE IN ENDEAVOUR'S PAYLOAD BAY		10/ 20:05	04:01 AM	05:01 AM	09:01
172	SPDM SPARE ARM EDF BOLT REMOVAL		10/ 20:40	04:36 AM	05:36 AM	09:36
173	EVA # 4 ENDS		10/ 22:20	06:16 AM	07:16 AM	11:16
174	MISSION STATUS BRIEFING	JSC	11/ 00:04	08:00 AM	09:00 AM	13:00
175	ISS CREW SLEEP BEGINS		11/ 02:30	10:26 AM	11:26 AM	15:26
176	ENDEAVOUR CREW SLEEP BEGINS		11/ 03:00	10:56 AM	11:56 AM	15:56
176	VIDEO FILE	HQ	11/ 03:04	11:00 AM	12:00 PM	16:00
177	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/ 04:04	12:00 PM	01:00 PM	17:00
179	MMT BRIEFING	JSC	11/ 07:04	03:00 PM	04:00 PM	20:00
179	ISS FLIGHT DIRECTOR UPDATE	JSC	11/ 07:49	03:45 PM	04:45 PM	20:45
181	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	11/ 09:49	05:45 PM	06:45 PM	22:45
181	ENDEAVOUR / ISS CREW WAKE UP (begins FD 13)		11/ 11:00	06:56 PM	07:56 PM	23:56
183	TUCSON, AZ CIVIC EDUCATIONAL EVENT	ISS Ku	11/ 13:20	09:16 PM	10:16 PM	02:16
183	CDRA MAINTENANCE BEGINS		11/ 14:15	10:11 PM	11:11 PM	03:11
SATURDAY, MAY 28						
FD 13 / FD 14						
187	ENDEAVOUR / ISS TRANSFERS RESUME		11/ 19:00	02:56 AM	03:56 AM	07:56
184	U.S. PAO EVENT LIVE INTERVIEWS	ISS Ku	11/ 23:50	07:46 AM	08:46 AM	12:46
190	MISSION STATUS BRIEFING	JSC	12/ 00:34	08:30 AM	09:30 AM	13:30
191	ISS CREW SLEEP BEGINS		12/ 02:30	10:26 AM	11:26 AM	15:26
191	ENDEAVOUR CREW SLEEP BEGINS		12/ 03:00	10:56 AM	11:56 AM	15:56

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
192	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		12/ 04:04	12:00 PM	01:00 PM	17:00
195	ISS FLIGHT DIRECTOR UPDATE	JSC		12/ 07:49	03:45 PM	04:45 PM	20:45
196	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC		12/ 09:49	05:45 PM	06:45 PM	22:45
197	ENDEAVOUR / ISS CREW WAKE UP (begins FD 14)			12/ 11:00	06:56 PM	07:56 PM	23:56
198	WJRT-TV, Flint, MI / WJBK-TV, Detroit, MI / WKYC-TV, Cleveland, OH / WXMI-TV, Grand Rapids, MI LIVE INTERVIEWS			12/ 13:00	08:56 PM	09:56 PM	01:56
199	ENDEAVOUR / ISS TRANSFERS RESUME			12/ 14:05	10:01 PM	11:01 PM	03:01

SUNDAY, MAY 29

FD 14 / FD 15

204	* ISS REBOOST			12/ 16:07	12:03 AM	01:03 AM	05:03
204	CREW DOWNLINK MESSAGE FOR THE "FACE-IN-SPACE" CONTEST			12/ 18:55	02:51 AM	03:51 AM	07:51
203	MISSION STATUS BRIEFING	JSC		12/ 20:04	04:00 AM	05:00 AM	09:00
204	FAREWELL AND HATCH CLOSURE			12/ 22:00	05:56 AM	06:56 AM	10:56
205	RENDEZVOUS TOOL CHECKOUT			12/ 22:20	06:16 AM	07:16 AM	11:16
205	STORM TOOLS CHECKOUT			12/ 22:50	06:46 AM	07:46 AM	11:46
205	CENTERLINE CAMERA INSTALLATION			12/ 23:25	07:21 AM	08:21 AM	12:21
207	ISS CREW SLEEP BEGINS			13/ 02:00	09:56 AM	10:56 AM	14:56
207	ENDEAVOUR CREW SLEEP BEGINS			13/ 02:30	10:26 AM	11:26 AM	15:26
208	FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		13/ 04:04	12:00 PM	01:00 PM	17:00
213	ENDEAVOUR / ISS CREW WAKE UP (begins FD 15)			13/ 10:30	06:26 PM	07:26 PM	23:26
215	ENDEAVOUR UNDOCKS FROM ISS			13/ 14:57	10:53 PM	11:53 PM	03:53

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
216	ENDEAVOUR FLYAROUND OF ISS BEGINS		13/ 15:27	11:23 PM	12:23 AM	04:23
MONDAY, MAY 30						
FD 15 / FD 16						
217	ENDEAVOUR STORRM TEST BEGINS		13/ 16:15	12:11 AM	01:11 AM	05:11
218	ENDEAVOUR STORRM TEST CLOSEST RE-APPROACH TO ISS		13/ 18:59	02:55 AM	03:55 AM	07:55
218	ENDEAVOUR FINAL SEPARATION FROM ISS		13/ 19:40	03:36 AM	04:36 AM	08:36
220	MISSION STATUS BRIEFING	JSC	13/ 21:34	05:30 AM	06:30 AM	10:30
221	SHUTTLE VTR PLAYBACK OF UNDOCKING		13/ 23:00	06:56 AM	07:56 AM	11:56
223	ENDEAVOUR CREW SLEEP BEGINS		14/ 02:00	09:56 AM	10:56 AM	14:56
223	FLIGHT DAY 15 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	14/ 03:04	11:00 AM	12:00 PM	16:00
226	MMT BRIEFING	JSC	14/ 07:04	03:00 PM	04:00 PM	20:00
228	ENDEAVOUR CREW WAKE UP (begins FD 16) "Dreams You Give" by Brian Plunkett - original song contest 2nd place		14/ 10:00	05:56 PM	06:56 PM	22:56
229	ABC NEWS / CBS NEWS / CNN / NBC NEWS / FOX NEWS RADIO LIVE INTERVIEWS	TDRE	14/ 11:40	07:36 PM	08:36 PM	00:36
230	FCS CHECKOUT		14/ 13:05	09:01 PM	10:01 PM	02:01
231	RCS HOT-FIRE TEST		14/ 14:15	10:11 PM	11:11 PM	03:11
TUESDAY, MAY 31						
FD 16 / FD 17						
233	ENDEAVOUR TRIBUTE EVENT	TDRE	14/ 17:00	12:56 AM	01:56 AM	05:56
233	CABIN STOWAGE BEGINS		14/ 17:35	01:31 AM	02:31 AM	06:31

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
235	MISSION STATUS BRIEFING	JSC	14/	20:04	04:00 AM	05:00 AM	09:00
236	KU-BAND ANTENNA STOWAGE		14/	21:50	05:46 AM	06:46 AM	10:46
238	ENDEAVOUR CREW SLEEP BEGINS		15/	01:00	08:56 AM	09:56 AM	13:56
238	VIDEO FILE	HQ	15/	01:04	09:00 AM	10:00 AM	14:00
239	FLIGHT DAY 16 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	15/	02:04	10:00 AM	11:00 AM	15:00
243	ENDEAVOUR CREW WAKE UP (begins FD 17) "Sunrise Number 1" By Stormy Mondays - original song contest winner		15/	09:00	04:56 PM	05:56 PM	21:56
245	ENDEAVOUR DEORBIT PREPARATIONS BEGIN		15/	12:30	08:26 PM	09:26 PM	01:26
246	PAYLOAD BAY DOOR CLOSING		15/	13:53	09:49 PM	10:49 PM	02:49
WEDNESDAY, JUNE 1							
FD 17							
248	ENDEAVOUR DEORBIT BURN		15/	16:33	12:29 AM	01:29 AM	05:29
249	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		15/	17:23	01:19 AM	02:19 AM	06:19
249	KSC LANDING	KSC	15/	17:36	01:32 AM	02:32 AM	06:32
	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-134 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC			~ L+3.5 HRS.		
	STS-134 CREW NEWS CONFERENCE (may be postponed or cancelled)	KSC			NET L+4.5 HRS.		

ORBIT SUBJECT SITE MET CDT EDT GMT

DEFINITION OF TERMS

AMC: Americom Satellite
AMS: Alpha Magnetic Spectrometer
ASI: Italian Space Agency
ATA: Ammonia Tank Assembly on ISS
CDRA: Carbon Dioxide Removal Assembly on ISS
CDT: Central Daylight Time
CETA: Crew Equipment & Translation Aid
CLA: Camera Light Assembly
Destiny: U.S. Laboratory on ISS
EDF: Expandable Diameter Fastener
EDT: Eastern Daylight Time
EFGF: Electrical Flight Grapple Fixture
ELC 3: Express Logistics Carrier 3
EMU: Extravehicular Mobility Unit
ESA: European Space Agency
EVA: Extravehicular Activity
FCS: Flight Control System
FD: Flight Day
GMT: Greenwich Mean Time
HARMONY: Node 2
HD: High Definition Television
HPGT: High Pressure Gas Tank
HQ: NASA Headquarters
ISLE: In-Suit Light Exercise
ISS: International Space Station
JSC: Johnson Space Center
Kibo: Japanese Pressurized Module
KSC: Kennedy Space Center
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
MISSE: Materials International Space Station Experiment
MMT: Mission Management Team
MS: Mission Specialist
NET: No Earlier Than
OBSS: Orbiter Boom Sensor System
ODS: Orbiter Docking System
OMS: Orbital Maneuvering System
ORU: Orbital Replacement Unit
P3, 4, 5, 6: Port Truss Segments on ISS

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
PAO:	Public Affairs office					
PDGF:	Power and Data Grapple Fixture					
PMA-3:	Pressurized Mating Adapter 3					
RCS:	Reaction Control System					
RPM:	Rendezvous Pitch Maneuver					
SARJ:	Solar Alpha Rotary Joint					
SOYUZ:	Series of Russian spacecraft used to ferry crew to and from ISS					
SPDM:	Special Purpose Dexterous Manipulator (aka "Dextre")					
SRMS:	Shuttle Remote Manipulator System on Endeavour					
SSRMS:	Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)					
STORRM:	Sensor Test for Orion Rel-nav Risk Mitigation					
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					
VSC:	Video Signal Converter					
VTR:	Videotape Recorder					
WLE:	Wing Leading Edge					
Zarya:	Russian Functional Cargo Block module of ISS					
Zvezda:	Russian Service Module of ISS					