
 NASA TELEVISION SCHEDULE
 STS-126 / ULF-2
 UTILIZATION AND LOGISTICS FLIGHT TWO
 REV H
 11/22/08

Standard-Definition NASA TV satellite coordinates are available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. High-Definition NASA TV Channel #105 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>
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
119	* ISS FLIGHT DIRECTOR UPDATE	JSC	07/ 11:45	06:40 AM	07:40 AM	12:40
120	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (pending availability; on NASA-TV HDTV Channel #105; replayed at 8:30am CT)	KSC	07/ 12:35	07:30 AM	08:30 AM	13:30
120	* ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	07/ 12:45	07:40 AM	08:40 AM	13:40
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

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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
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
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	HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (pending availability; on NASA-TV HD Channel #105; replayed at 8:30am CT)	KSC	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	* LIVE INTERVIEWS WITH ABC NEWS/ CBS NEWS/ NBC NEWS	ISS KU	08/ 20:10	03:05 PM	04:05 PM	21:05
140	* MISSION STATUS BRIEFING	JSC	08/ 20:35	03:30 PM	04:30 PM	21:30
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

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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
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	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 10:00am CT and 2:00pm CT)	KSC	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/ 16:20	11:15 AM	12:15 PM	17:15
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

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157	GPS ANTENNA INSTALL ON JLP			09/ 20:50	03:45 PM	04:45 PM	21:45
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
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	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (pending availability; on NASA-TV HD Channel #105; replayed at 10:00am CT and 2:00pm CT)	KSC		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

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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
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		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						
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
183	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (pending availability; on NASA-TV HD Channel #105; replayed at 10:00am CT and 2:00pm CT)	KSC	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

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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
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						
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
198	HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 8:30am CT)	KSC	12/ 12:35	07:30 AM	08:30 AM	13:30
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

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FRIDAY, NOVEMBER 28						
FD 15						
212	ENDEAVOUR CREW WAKE UP (begins FD 15)		13/ 10:00	04:55 AM	05:55 AM	10:55
214	HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (pending availability; on NASA-TV HD Channel #105; replayed at 10:00am CT and 2:00pm CT)	KSC	13/ 12:35	07:30 AM	08:30 AM	13:30
215	VTR PLAYBACK		13/ 12:55	07:50 AM	08:50 AM	13:50
215	* CABIN STOWAGE BEGINS		13/ 13:15	08:10 AM	09:10 AM	14:10
215	VIDEO FILE	HQ	13/ 13:35	08:30 AM	09:30 AM	14:30
216	OBSS BERTH		13/ 14:45	09:40 AM	10:40 AM	15:40
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
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

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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/ 14:38	09:33 AM	10:33 AM	15:33
233	* DEORBIT BURN		14/ 17:18	12:13 PM	01:13 PM	18:13
234	* MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		14/ 18:07	01:02 PM	02:02 PM	19:02
234	* KSC LANDING	KSC	14/ 18:20	01:15 PM	02:15 PM	19:15
	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
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

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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					