
 NASA TELEVISION SCHEDULE
 STS-130 / ISS 20A
 TRANQUILITY NODE 3 / CUPOLA
 REV K
 02/17/10

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/shuttletv>
 Launch occurred at 3:14am CT (4:14am ET) on Monday, February 8th, 2010.
 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>
WEDNESDAY, FEBRUARY 17						
FD 10 / FD 11						
150	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	09/ 11:46	03:00 PM	04:00 PM	21:00
151	ENDEAVOUR / ISS CREW WAKE UP (begins FD 11)		09/ 12:00	03:14 PM	04:14 PM	21:14
151	* PRESIDENTIAL PHONE CALL TO THE ENDEAVOUR / EXPEDITION 22 CREWS ON THE ISS	JSC	09/ 13:00	04:14 PM	05:14 PM	22:14
153	ECLSS RACK TRANSFERS BEGIN		09/ 15:45	06:59 PM	07:59 PM	00:59
THURSDAY, FEBRUARY 18						
FD 11 / FD 12						
154	* ISS REBOOST		09/ 22:17	01:31 AM	02:31 AM	07:31
159	MISSION STATUS BRIEFING	JSC	10/ 01:16	04:30 AM	05:30 AM	10:30
160	ISS CREW SLEEP BEGINS		10/ 03:00	06:14 AM	07:14 AM	12:14
161	ENDEAVOUR CREW SLEEP BEGINS		10/ 03:30	06:44 AM	07:44 AM	12:44

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161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/	03:46	07:00 AM	08:00 AM	13:00
162	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	10/	05:46	09:00 AM	10:00 AM	15:00
162	LESSONS LEARNED AND KNOWLEDGE SHARED FROM THE X-15 AND APOLLO PROGRAMS WITH FORMER ASTRONAUT JOE ENGLE (Education Channel 102 Only)	HQ	10/	05:46	09:00 AM	10:00 AM	15:00
164	VIDEO FILE	HQ	10/	07:46	11:00 AM	12:00 PM	17:00
165	ISS FLIGHT DIRECTOR UPDATE	JSC	10/	09:16	12:30 PM	01:30 PM	18:30
166	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	10/	10:31	01:45 PM	02:45 PM	19:45
178	ENDEAVOUR / ISS CREW WAKE UP (begins FD 12)		10/	11:30	02:44 PM	03:44 PM	20:44
177	STS-130 ASCENT HIGHLIGHTS	JSC	10/	12:46	04:00 PM	05:00 PM	22:00
178	ENDEAVOUR / ISS TRANSFERS RESUME		10/	14:35	05:49 PM	06:49 PM	23:49
179	JOINT CREW NEWS CONFERENCE	ISS Ku	10/	17:25	08:39 PM	09:39 PM	02:39
179	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	10/	18:46	10:00 PM	11:00 PM	04:00
180	RENDEZVOUS TOOLS CHECKOUT		10/	20:15	11:29 PM	12:29 AM	05:29

FRIDAY, FEBRUARY 19

FD 12 / FD 13

181	MISSION STATUS BRIEFING	JSC	10/	21:46	01:00 AM	02:00 AM	07:00
182	ENDEAVOUR / ISS FAREWELL AND HATCH CLOSURE		10/	22:20	01:34 AM	02:34 AM	07:34
182	CENTERLINE CAMERA INSTALLATION		10/	22:50	02:04 AM	03:04 AM	08:04
184	ISS CREW SLEEP BEGINS		11/	02:30	05:44 AM	06:44 AM	11:44
188	ENDEAVOUR CREW SLEEP BEGINS		11/	03:00	06:14 AM	07:14 AM	12:14

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188	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/ 03:46	07:00 AM	08:00 AM	13:00
186	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	11/ 05:46	09:00 AM	10:00 AM	15:00
188	VIDEO FILE	HQ	11/ 07:46	11:00 AM	12:00 PM	17:00
190	ENDEAVOUR / ISS CREW WAKE UP (begins FD 13)		11/ 11:00	02:14 PM	03:14 PM	20:14
193	ENDEAVOUR UNDOCKS FROM ISS		11/ 15:40	06:54 PM	07:54 PM	00:54
193	ENDEAVOUR FLYAROUND OF ISS BEGINS		11/ 16:05	07:19 PM	08:19 PM	01:19
193	ENDEAVOUR FINAL SEPARATION FROM ISS		11/ 17:23	08:37 PM	09:37 PM	02:37
194	SHUTTLE VTR PLAYBACK OF UNDOCKING		11/ 18:20	09:34 PM	10:34 PM	03:34
194	RMS / OBSS LATE INSPECTION OF ENDEAVOUR'S TPS BEGINS		11/ 20:05	11:19 PM	12:19 AM	05:19

SATURDAY, FEBRUARY 20

FD 13 / FD 14

196	MISSION STATUS BRIEFING	JSC	11/ 21:16	12:30 AM	01:30 AM	06:30
201	ENDEAVOUR CREW SLEEP BEGINS		12/ 03:00	06:14 AM	07:14 AM	12:14
201	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	12/ 03:46	07:00 AM	08:00 AM	13:00
202	HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 2:00pm CT and 3:00pm CT)	JSC	12/ 05:46	09:00 AM	10:00 AM	15:00
206	ENDEAVOUR CREW WAKE UP (begins FD 14)		12/ 11:00	02:14 PM	03:14 PM	20:14
206	POST-MMT BRIEFING	JSC	12/ 12:16	03:30 PM	04:30 PM	21:30
206	OBSS BERTH		12/ 13:00	04:14 PM	05:14 PM	22:14

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208	CABIN STOWAGE BEGINS		12/ 14:05	05:19 PM	06:19 PM	23:19
209	FCS CHECKOUT		12/ 15:40	06:54 PM	07:54 PM	00:54
209	RCS HOT-FIRE TEST		12/ 16:50	08:04 PM	09:04 PM	02:04
201	* ABC NEWS/ CNN NEWS / CNN ESPANOL/ UNIVISION INTERVIEWS	TDRE	12/ 17:35	08:49 PM	09:49 PM	02:49
SUNDAY, FEBRUARY 21						
FD 14 / FD 15						
212	MISSION STATUS BRIEFING	JSC	12/ 21:16	12:30 AM	01:30 AM	06:30
213	KU-BAND ANTENNA STOWAGE		12/ 22:30	01:44 AM	02:44 AM	07:44
213	ORBITAL ADJUST BURN		12/ 22:51	02:05 AM	03:05 AM	08:05
215	ENDEAVOUR CREW SLEEP BEGINS		13/ 02:00	05:14 AM	06:14 AM	11:14
216	FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	13/ 02:46	06:00 AM	07:00 AM	12:00
217	HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 2:00pm CT and 3:00pm CT)	JSC	13/ 04:46	08:00 AM	09:00 AM	14:00
217	ENDEAVOUR CREW WAKE UP (begins FD 15)		13/ 10:00	01:14 PM	02:14 PM	19:14
218	DEORBIT PREPARATIONS BEGIN		13/ 13:00	04:14 PM	05:14 PM	22:14
219	PAYLOAD BAY DOOR CLOSING		13/ 14:24	05:38 PM	06:38 PM	23:38
221	ENDEAVOUR DEORBIT BURN		13/ 17:04	08:18 PM	09:18 PM	02:18
222	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		13/ 17:53	09:07 PM	10:07 PM	03:07
223	KSC LANDING	KSC	13/ 18:06	09:20 PM	10:20 PM	03:20
	POST-LANDING NEWS CONFERENCE	KSC		NET L+2 HRS.		

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MONDAY, FEBRUARY 22						
FD 15						
	ENTRY FLIGHT CONTROL TEAM VIDEO REPLAY (replayed after Post-Landing News Conference)	JSC		~ L+3 HRS.		
	STS-130 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC		~ L+3.5 HRS.		

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STS:	Space Transportation System					
TI:	Terminal Initiation Rendezvous Maneuver					
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes					
TPS:	Thermal Protection System					
Tranquility:	Node 3 on ISS					
Unity:	Node 1 on ISS					
VTR:	Videotape Recorder					
WLE:	Wing Leading Edge					
WPA:	Water Processing Assembly on ISS					
WRS:	Water Recovery System on ISS					