
 NASA TELEVISION SCHEDULE
 STS-130 / ISS 20A
 TRANQUILITY NODE 3 / CUPOLA
 REV G
 02/14/10

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>
SUNDAY, FEBRUARY 14						
FD 7 / FD 8						
96	MISSION STATUS BRIEFING	JSC	06/ 01:16	04:30 AM	05:30 AM	10:30
98	ISS CREW SLEEP BEGINS		06/ 03:30	06:44 AM	07:44 AM	12:44
98	ENDEAVOUR CREW SLEEP BEGINS		06/ 04:00	07:14 AM	08:14 AM	13:14
99	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	06/ 04:46	08:00 AM	09:00 AM	14:00
100	HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 4:00pm CT and 5:00pm CT)	JSC	06/ 06:46	10:00 AM	11:00 AM	16:00
101	* ENDEAVOUR SOLID ROCKET BOOSTER CAMERA VIDEO REPLAY (recorded Feb. 8, 2010; replays at 3:30pm CT and 4:30pm CT)	JSC	06/ 07:46	11:00 AM	12:00 PM	17:00
102	ISS FLIGHT DIRECTOR UPDATE	JSC	06/ 09:16	12:30 PM	01:30 PM	18:30

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103	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC		06/ 11:46	03:00 PM	04:00 PM	21:00
103	ENDEAVOUR / ISS CREW WAKE UP (begins FD 8)			06/ 12:00	03:14 PM	04:14 PM	21:14
105	* CUPOLA DEPRESSURIZATION BEGINS			06/ 14:40	05:54 PM	06:54 PM	23:54
107	* SSRMS GRAPPLES CUPOLA			06/ 16:50	08:04 PM	09:04 PM	02:04
107	* NASA EXPLORER SCHOOLS EDUCATION EVENT	ISS Ku		06/ 18:10	09:24 PM	10:24 PM	03:24
105	* SSRMS DEMATES CUPOLA FROM TRANQUILITY FORWARD SIDE BEGINS			06/ 18:30	09:44 PM	10:44 PM	03:44
106	* SSRMS INSTALLS CUPOLA ON TRANQUILITY NADIR PORT			06/ 20:15	11:29 PM	12:29 AM	05:29

MONDAY, FEBRUARY 15

FD 8 / FD 9

110	MISSION STATUS BRIEFING	JSC		07/ 22:16	01:30 AM	02:30 AM	07:30
112	SSRMS GRAPPLES PMA 3			07/ 00:40	03:54 AM	04:54 AM	09:54
113	WOR RADIO, NEW YORK, NY/ KTVI-TV, ST.LOUIS, MO / WREG-TV, MEMPHIS, TN INTERVIEWS	ISS Ku		07/ 01:50	05:04 AM	06:04 AM	11:04
114	ISS CREW SLEEP BEGINS			07/ 03:30	06:44 AM	07:44 AM	12:44
114	ENDEAVOUR CREW SLEEP BEGINS			07/ 04:00	07:14 AM	08:14 AM	13:14
114	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		07/ 04:46	08:00 AM	09:00 AM	14:00
116	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 4:00pm CT and 5:00pm CT)	JSC		07/ 06:46	10:00 AM	11:00 AM	16:00
117	ISS FLIGHT DIRECTOR UPDATE	JSC		07/ 09:16	12:30 PM	01:30 PM	18:30
119	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC		07/ 11:46	03:00 PM	04:00 PM	21:00
119	ENDEAVOUR / ISS CREW WAKE UP (begins FD 9)			07/ 12:00	03:14 PM	04:14 PM	21:14

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121	SSRMS DEMATES PMA 3 FROM HARMONY		07/ 14:45	05:59 PM	06:59 PM	23:59
121	CUPOLA OUTFITTING BEGINS		07/ 14:55	06:09 PM	07:09 PM	00:09
122	SSRMS INSTALLS PMA 3 ON TRANQUILITY FORWARD SIDE		07/ 16:20	07:34 PM	08:34 PM	01:34
124	ENDEAVOUR / ISS OFF DUTY PERIOD		07/ 19:25	10:39 PM	11:39 PM	04:39
TUESDAY, FEBRUARY 16						
FD 9 / FD 10						
128	EVA # 3 PROCEDURE REVIEW		07/ 23:55	03:09 AM	04:09 AM	09:09
128	MISSION STATUS BRIEFING	JSC	08/ 01:16	04:30 AM	05:30 AM	10:30
129	EVA # 3 CAMPOUT BEGINS (Behnken and Patrick)		08/ 02:25	05:39 AM	06:39 AM	11:39
129	ISS CREW SLEEP BEGINS		08/ 03:30	06:44 AM	07:44 AM	12:44
130	ENDEAVOUR CREW SLEEP BEGINS		08/ 04:00	07:14 AM	08:14 AM	13:14
130	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	08/ 04:46	08:00 AM	09:00 AM	14:00
131	HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 4:00pm CT and 5:00pm CT)	JSC	08/ 06:46	10:00 AM	11:00 AM	16:00
132	VIDEO FILE	HQ	08/ 07:46	11:00 AM	12:00 PM	17:00
133	ISS FLIGHT DIRECTOR UPDATE	JSC	08/ 09:16	12:30 PM	01:30 PM	18:30
135	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	08/ 11:46	03:00 PM	04:00 PM	21:00
135	ENDEAVOUR / ISS CREW WAKE UP (begins FD 10)		08/ 12:00	03:14 PM	04:14 PM	21:14
135	EVA #3 PREPARATIONS RESUME		08/ 12:40	03:54 PM	04:54 PM	21:54
138	EVA #3 BEGINS (Behnken and Patrick)		08/ 16:55	08:09 PM	09:09 PM	02:09

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139	NODE 3 FLUID AND CABLE ROUTING / PMA 3-TO-TRANQUILITY CABLE CONNECTIONS		08/ 17:25	08:39 PM	09:39 PM	02:39
139	CUPOLA MLI REMOVAL		08/ 18:25	09:39 PM	10:39 PM	03:39
140	CUPOLA LAUNCH LOCK RELEASE / NODE 3 WORKSITE INTERFACE & HANDRAIL INSTALL		08/ 19:35	10:49 PM	11:49 PM	04:49
140	VIDEO SIGNAL CONVERTER CABLE ROUTING		08/ 20:35	11:49 PM	12:49 AM	05:49
WEDNESDAY, FEBRUARY 17						
FD 10 / FD 11						
141	P1 TRUSS P-CLAMP RELEASE		08/ 21:55	01:09 AM	02:09 AM	07:09
142	EVA #3 ENDS		08/ 23:25	02:39 AM	03:39 AM	08:39
144	MISSION STATUS BRIEFING	JSC	09/ 01:16	04:30 AM	05:30 AM	10:30
145	ISS CREW SLEEP BEGINS		09/ 03:30	06:44 AM	07:44 AM	12:44
145	ENDEAVOUR CREW SLEEP BEGINS		09/ 04:00	07:14 AM	08:14 AM	13:14
146	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 04:46	08:00 AM	09:00 AM	14:00
147	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	09/ 06:46	10:00 AM	11:00 AM	16:00
148	VIDEO FILE	HQ	09/ 07:46	11:00 AM	12:00 PM	17:00
149	ISS FLIGHT DIRECTOR UPDATE	JSC	09/ 09:16	12:30 PM	01:30 PM	18:30
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
153	* ECLSS RACK TRANSFERS BEGIN		09/ 15:45	06:59 PM	07:59 PM	00:59
153	* ROBOTICS WORK STATION RELOCATION TO CUPOLA		09/ 19:50	11:04 PM	12:04 AM	05:04

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THURSDAY, FEBRUARY 18						
FD 11 / FD 12						
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
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
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
178	* ENDEAVOUR / ISS TRANSFERS RESUME		10/ 14:35	05:49 PM	06:49 PM	23:49
179	* JOINT CREW NEWS CONFERENCE	ISS Ku	10/ 17:55	09:09 PM	10:09 PM	03:09
179	* JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 19:16	10:30 PM	11:30 PM	04:30
180	* RENDEZVOUS TOOLS CHECKOUT		10/ 20:15	11:29 PM	12:29 AM	05:29
FRIDAY, FEBRUARY 19						
FD 12 / FD 13						
181	* ISS REBOOST		10/ 21:04	12:18 AM	01:18 AM	06:18
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

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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
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

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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
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/	18:05	09:19 PM	10:19 PM	03:19

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 13 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 12 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 14)		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/	14:19	05:33 PM	06:33 PM	23:33
221	*	ENDEAVOUR DEORBIT BURN		13/	16:59	08:13 PM	09:13 PM	02:13
222	*	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		13/	17:49	09:03 PM	10:03 PM	03:03

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223	*	KSC LANDING	KSC	13/	18:02	09:16 PM	10:16 PM	03:16
	*	POST-LANDING NEWS CONFERENCE	KSC			NET L+2 HRS.		

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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SPDM:	Special Purpose Dextrous Manipulator (Dextre)					
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					
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					