
NASA TELEVISION SCHEDULE
STS-133
ISS UTILIZATION LOGISTICS FLIGHT 5 / PERMANENT MULTI-PURPOSE MODULE (PMM)
REV I
3/5/11

NASA TV (Public, Education, Media Channels and 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 3:53pm CT (4:53pm ET) on Thursday, February 24th, 2011.
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, MARCH 5						
FD 10						
134	DISCOVERY / ISS CREW WAKE UP (begins FD 10)		08/ 10:30	02:23 AM	03:23 AM	08:23
136	* ISS OGS MAINTENANCE		08/ 13:10	05:03 AM	06:03 AM	11:03
136	* ISS CDRA MAINTENANCE / PMM OUTFITTING & TRANSFERS RESUME		08/ 13:30	05:23 AM	06:23 AM	11:23
144	* MISSION STATUS BRIEFING	JSC	09/ 01:37	05:30 PM	06:30 PM	23:30
144	ISS CREW SLEEP BEGINS		09/ 02:00	05:53 PM	06:53 PM	23:53
145	DISCOVERY CREW SLEEP BEGINS		09/ 02:30	06:23 PM	07:23 PM	00:23
146	* FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 04:07	08:00 PM	09:00 PM	02:00
SUNDAY, MARCH 6						
FD 11						
149	ISS FLIGHT DIRECTOR UPDATE	JSC	09/ 08:52	12:45 AM	01:45 AM	06:45

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150	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC		09/ 10:07	02:00 AM	03:00 AM	08:00
150	DISCOVERY / ISS CREW WAKE UP (begins FD 11)			09/ 10:30	02:23 AM	03:23 AM	08:23
136	DISCOVERY / ISS TRANSFERS RESUME			09/ 13:40	05:33 AM	06:33 AM	11:33
155	DISCOVERY CREW OFF-DUTY PERIOD			09/ 18:20	10:13 AM	11:13 AM	16:13
156	MISSION STATUS BRIEFING	JSC		09/ 20:37	12:30 PM	01:30 PM	18:30
157	RENDEZVOUS TOOL CHECKOUT			09/ 21:05	12:58 PM	01:58 PM	18:58
158	* DISCOVERY / ISS FAREWELL AND HATCH CLOSURE			09/ 22:40	02:33 PM	03:33 PM	20:33
159	* CENTERLINE CAMERA INSTALLATION			09/ 23:40	03:33 PM	04:33 PM	21:33
144	ISS CREW SLEEP BEGINS			10/ 02:00	05:53 PM	06:53 PM	23:53
160	DISCOVERY CREW SLEEP BEGINS			10/ 02:30	06:23 PM	07:23 PM	00:23
161	* FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		10/ 04:07	08:00 PM	09:00 PM	02:00

MONDAY, MARCH 7

FD 12

166	DISCOVERY CREW WAKE UP (begins FD 12) ("Theme from Star Trek" by Alexander Courage)			10/ 10:30	02:23 AM	03:23 AM	08:23
168	* DISCOVERY UNDOCKS FROM ISS			10/ 14:12	06:05 AM	07:05 AM	12:05
168	* DISCOVERY FLYAROUND OF ISS BEGINS			10/ 14:42	06:35 AM	07:35 AM	12:35
169	* DISCOVERY FINAL SEPARATION FROM ISS			10/ 15:55	07:48 AM	08:48 AM	13:48
170	* SHUTTLE VTR PLAYBACK OF UNDOCKING			10/ 17:05	08:58 AM	09:58 AM	14:58
171	RMS/OBSS LATE INSPECTION OF DISCOVERY'S TPS			10/ 18:25	10:18 AM	11:18 AM	16:18
171	VIDEO FILE	HQ		10/ 19:07	11:00 AM	12:00 PM	17:00
172	MISSION STATUS BRIEFING	JSC		10/ 20:37	12:30 PM	01:30 PM	18:30

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174	OBSS BERTH			10/ 22:45	02:38 PM	03:38 PM	20:38
158	MMT BRIEFING	JSC		10/ 23:07	03:00 PM	04:00 PM	21:00
176	DISCOVERY CREW SLEEP BEGINS			11/ 02:30	06:23 PM	07:23 PM	00:23
177	* FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		11/ 04:07	08:00 PM	09:00 PM	02:00
TUESDAY, MARCH 8							
FD 13							
181	DISCOVERY CREW WAKE UP (begins FD 13) ("Blue Sky" by Big Head Todd and the Monsters)			11/ 10:30	02:23 AM	03:23 AM	08:23
183	FCS CHECKOUT			11/ 13:30	05:23 AM	06:23 AM	11:23
183	CABIN STOWAGE BEGINS			11/ 13:35	05:28 AM	06:28 AM	11:28
184	RCS HOT-FIRE TEST			11/ 14:40	06:33 AM	07:33 AM	12:33
185	* VIDEO FILE	HQ		11/ 16:07	08:00 AM	09:00 AM	14:00
187	ABC NEWS / CBS NEWS / ASSOCIATED PRESS LIVE INTERVIEWS	TDRE		11/ 18:30	10:23 AM	11:23 AM	16:23
187	DISCOVERY CREW TRIBUTE EVENT	TDRE		11/ 19:15	11:08 AM	12:08 PM	17:08
188	* NASA SCIENCE NEWS CONFERENCE - VOYAGER AND BEYOND	HQ		11/ 20:07	12:00 PM	01:00 PM	18:00
188	MISSION STATUS BRIEFING	JSC		11/ 21:07	01:00 PM	02:00 PM	19:00
190	KU-BAND ANTENNA STOWAGE			11/ 23:30	03:23 PM	04:23 PM	21:23
192	DISCOVERY CREW SLEEP BEGINS			12/ 02:30	06:23 PM	07:23 PM	00:23
193	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		12/ 04:07	08:00 PM	09:00 PM	02:00

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WEDNESDAY, MARCH 9						
FD 14						
197	DISCOVERY CREW WAKE UP (begins FD 14)		12/ 10:30	02:23 AM	03:23 AM	08:23
199	DISCOVERY DEORBIT PREPARATIONS BEGIN		12/ 14:05	05:58 AM	06:58 AM	11:58
200	PAYLOAD BAY DOOR CLOSING		12/ 15:22	07:15 AM	08:15 AM	13:15
202	DISCOVERY DEORBIT BURN		12/ 18:02	09:55 AM	10:55 AM	15:55
203	MILA C-BAND RADAR ACQUISITION OF DISCOVERY		12/ 18:52	10:45 AM	11:45 AM	16:45
203	KSC LANDING	KSC	12/ 19:05	10:58 AM	11:58 AM	16:58
	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-133 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC		~ L+3.5 HRS.		
	STS-133 CREW NEWS CONFERENCE (may be postponed or cancelled)	KSC		NET L+4.5 HRS.		

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SRMS:	Shuttle Remote Manipulator System on Discovery					
SSRMS:	Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)					
STBD:	Starboard					
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					
VAFB:	Vandenberg Air Force Base					
VTR:	Videotape Recorder					