
 NASA TELEVISION SCHEDULE
 STS-133
 ISS UTILIZATION LOGISTICS FLIGHT 5 / PERMANENT MULTI-PURPOSE MODULE (PMM)
 10/27/10

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/shuttletv>

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
THURSDAY, OCTOBER 28						
	STS-133 B-ROLL FEED	JSC		5:30 AM	6:30 AM	10:30
	LIVE INTERVIEWS WITH STS-133 LEAD FLIGHT DIRECTORS BRYAN LUNNEY & ROYCE RENFREW	JSC		6:00 AM	7:00 AM	11:00
	EXPEDITION 25 ISS UPDATE	JSC		10:00 AM	11:00 AM	15:00
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00
	STS-133 CREW ARRIVAL	KSC		1:40 PM	2:40 PM	18:40
FRIDAY, OCTOBER 29						
	COUNTDOWN PREVIEW BRIEFING	KSC		9:00 AM	10:00 AM	14:00
	EXPEDITION 25 ISS UPDATE	JSC		10:00 AM	11:00 AM	15:00
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
SATURDAY, OCTOBER 30						
	STS-133 PRELAUNCH NEWS CONFERENCE (Time subject to completion of MMT meeting)	KSC		10:00 AM	11:00 AM	15:00
	PROGRESS 40 DOCKING TO ISS COVERAGE (docking at 11:39am CT)	JSC		11:00 AM	12:00 PM	16:00
	LAUNCH: HEALTH NEWS CONFERENCE	KSC		1:00 PM	2:00 PM	18:00
SUNDAY, OCTOBER 31						
	COUNTDOWN STATUS BRIEFING	KSC		9:00 AM	10:00 AM	14:00
	ISS RESEARCH AND TECHNOLOGY BRIEFINGS	KSC		10:00 AM	11:00 AM	15:00
	RSS RETRACTION	KSC		7:00 PM	8:00 PM	0:00
MONDAY, NOVEMBER 1						
FD 1						
	STS-133 FUELING COVERAGE BEGINS	KSC		6:10 AM	7:10 AM	11:10
	STS-133 LAUNCH COVERAGE BEGINS	KSC		10:15 AM	11:15 AM	15:15
	LAUNCH	KSC	00/ 00:00	03:40 PM	04:40 PM	20:40
	MECO		00/ 00:08	03:48 PM	04:48 PM	20:48
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/ 00:10	03:50 PM	04:50 PM	20:50
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/ 00:13	03:53 PM	04:53 PM	20:53
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/ 00:13	03:53 PM	04:53 PM	20:53
1	POST LAUNCH NEWS CONFERENCE	KSC	00/ 00:50	04:30 PM	05:30 PM	21:30
2	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/ 01:25	05:05 PM	06:05 PM	22:05
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/ 03:20	07:00 PM	08:00 PM	00:00
3	RMS CHECKOUT		00/ 04:10	07:50 PM	08:50 PM	00:50

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
4	EXTERNAL TANK HANDHELD VIDEO DOWNLINK		00/ 04:50	08:30 PM	09:30 PM	01:30
5	DISCOVERY CREW SLEEP BEGINS		00/ 06:00	09:40 PM	10:40 PM	02:40
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/ 06:20	10:00 PM	11:00 PM	03:00
TUESDAY, NOVEMBER 2						
FD 2						
10	DISCOVERY CREW WAKE UP (begins FD 2)		00/ 14:00	05:40 AM	06:40 AM	10:40
11	VIDEO FILE	HQ	00/ 15:20	07:00 AM	08:00 AM	12:00
12	OBSS UNBERTH		00/ 16:35	08:15 AM	09:15 AM	13:15
12	EXPEDITION 25 CREW NEWS CONFERENCE ON THE 10TH ANNIVERSARY OF PERMANENT HUMAN OCCUPANCY ON ISS	ISS Ku	00/ 16:50	08:30 AM	09:30 AM	13:30
13	RMS/OBSS SURVEY OF DISCOVERY'S TPS BEGINS		00/ 17:50	09:30 AM	10:30 AM	14:30
15	EMU CHECKOUT		00/ 22:05	01:45 PM	02:45 PM	18:45
16	MISSION STATUS / MMT BRIEFING	JSC	00/ 23:20	03:00 PM	04:00 PM	20:00
16	OBSS BERTH		00/ 23:35	03:15 PM	04:15 PM	20:15
17	INTERPRETED REPLAY OF THE EXPEDITION 25 CREW NEWS CONFERENCE	JSC	01/ 00:20	04:00 PM	05:00 PM	21:00
17	CENTERLINE CAMERA INSTALLATION		01/ 00:40	04:20 PM	05:20 PM	21:20
18	ODS RING EXTENSION		01/ 01:10	04:50 PM	05:50 PM	21:50
18	RENDEZVOUS TOOLS CHECKOUT		01/ 01:30	05:10 PM	06:10 PM	22:10
20	DISCOVERY CREW SLEEP BEGINS		01/ 05:30	09:10 PM	10:10 PM	02:10
21	FLIGHT DAY 2 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	01/ 06:20	10:00 PM	11:00 PM	03:00

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
WEDNESDAY, NOVEMBER 3						
FD 3						
25	DISCOVERY CREW WAKE UP (begins FD 3)		01/ 13:30	05:10 AM	06:10 AM	10:10
26	VIDEO FILE	HQ	01/ 14:20	06:00 AM	07:00 AM	11:00
26	RENDEZVOUS OPERATIONS BEGIN		01/ 15:00	06:40 AM	07:40 AM	11:40
28	TI BURN		01/ 17:49	09:29 AM	10:29 AM	14:29
29	DISCOVERY RPM / ISS CREW VIDEO DOCUMENTATION BEGINS		01/ 19:33	11:13 AM	12:13 PM	16:13
30	DISCOVERY / ISS DOCKING (may not be televised live)		01/ 20:37	12:17 PM	01:17 PM	17:17
31	SHUTTLE VTR PLAYBACK OF DOCKING		01/ 22:20	02:00 PM	03:00 PM	19:00
32	DISCOVERY / ISS CREW HATCH OPENING AND WELCOME CEREMONY		01/ 22:40	02:20 PM	03:20 PM	19:20
32	SSRMS GRAPPLE & UNBERTH ELC-4 FROM		01/ 23:15	02:55 PM	03:55 PM	19:55
32	MISSION STATUS / MMT BRIEFING	JSC	01/ 23:20	03:00 PM	04:00 PM	20:00
32	SSRMS HANDOFF ELC-4 TO SRMS		02/ 00:15	03:55 PM	04:55 PM	20:55
33	SSRMS BASE CHANGE		02/ 01:00	04:40 PM	05:40 PM	21:40
33	SRMS HANDOFF ELC-4 TO SSRMS		02/ 01:30	05:10 PM	06:10 PM	22:10
34	SSRMS INSTALLS ELC-4 ON S3 TRUSS		02/ 02:10	05:50 PM	06:50 PM	22:50
36	ISS CREW SLEEP BEGINS		02/ 05:00	08:40 PM	09:40 PM	01:40
36	DISCOVERY CREW SLEEP BEGINS		02/ 05:30	09:10 PM	10:10 PM	02:10
36	FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	02/ 06:20	10:00 PM	11:00 PM	03:00
THURSDAY, NOVEMBER 4						
FD 3 / FD 4						
40	ISS FLIGHT DIRECTOR UPDATE	JSC	02/ 11:50	03:30 AM	04:30 AM	08:30

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
41	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	02/ 12:50	04:30 AM	05:30 AM	09:30
41	DISCOVERY / ISS CREW WAKE UP (begins FD 4)		02/ 13:30	05:10 AM	06:10 AM	10:10
42	VIDEO FILE	HQ	02/ 15:20	07:00 AM	08:00 AM	12:00
43	SSRMS GRAPPLES OBSS		02/ 16:30	08:10 AM	09:10 AM	13:10
43	DISCOVERY / ISS TRANSFERS BEGIN		02/ 16:35	08:15 AM	09:15 AM	13:15
44	SSRMS HANDOFF OF OBSS TO SRMS		02/ 17:35	09:15 AM	10:15 AM	14:15
45	MISSION STATUS BRIEFING	JSC	02/ 19:20	11:00 AM	12:00 PM	16:00
45	MMT BRIEFING	JSC	02/ 22:50	02:30 PM	03:30 PM	19:30
48	U.S. PAO EVENT	ISS Ku	03/ 00:25	04:05 PM	05:05 PM	21:05
49	EVA # 1 PROCEDURE REVIEW		03/ 00:50	04:30 PM	05:30 PM	21:30
50	EVA # 1 CAMPOUT BEGINS (Kopra and Drew)		03/ 03:25	07:05 PM	08:05 PM	00:05
51	ISS CREW SLEEP BEGINS		03/ 04:30	08:10 PM	09:10 PM	01:10
51	DISCOVERY CREW SLEEP BEGINS		03/ 05:00	08:40 PM	09:40 PM	01:40
52	FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	03/ 05:20	09:00 PM	10:00 PM	02:00
FRIDAY, NOVEMBER 5						
FD 5						
55	ISS FLIGHT DIRECTOR UPDATE	JSC	03/ 10:50	02:30 AM	03:30 AM	07:30
56	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	03/ 11:50	03:30 AM	04:30 AM	08:30
57	DISCOVERY / ISS CREW WAKE UP (begins FD 5)		03/ 13:00	04:40 AM	05:40 AM	09:40
57	VIDEO FILE	HQ	03/ 13:20	05:00 AM	06:00 AM	10:00
57	EVA # 1 PREPARATIONS RESUME		03/ 13:40	05:20 AM	06:20 AM	10:20
59	DISCOVERY / ISS TRANSFERS RESUME		03/ 17:05	08:45 AM	09:45 AM	13:45

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
60	EVA # 1 BEGINS (Kopra and Drew)		03/ 17:55	09:35 AM	10:35 AM	14:35
60	J612 CABLE INSTALLATION ON NODE 1		03/ 18:25	10:05 AM	11:05 AM	15:05
61	FAILED PUMP MODULE TRANSFER FROM MBS POA TO ESP-2		03/ 19:25	11:05 AM	12:05 PM	16:05
63	CPM CAMERA WEDGE INSTALLATION		03/ 21:55	01:35 PM	02:35 PM	18:35
63	STARBOARD CETA RAIL BOARD INSTALLATION		03/ 22:55	02:35 PM	03:35 PM	19:35
64	JAXA "MESSAGE IN A BOTTLE" SPACE SAMPLE CAPTURE		03/ 23:40	03:20 PM	04:20 PM	20:20
64	EVA #1 ENDS		04/ 00:25	04:05 PM	05:05 PM	21:05
66	MISSION STATUS BRIEFING	JSC	04/ 02:50	06:30 PM	07:30 PM	23:30
66	ISS CREW SLEEP BEGINS		04/ 04:00	07:40 PM	08:40 PM	00:40
67	DISCOVERY CREW SLEEP BEGINS		04/ 04:30	08:10 PM	09:10 PM	01:10
67	FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	04/ 05:20	09:00 PM	10:00 PM	02:00

SATURDAY, NOVEMBER 6

FD 6

71	ISS FLIGHT DIRECTOR UPDATE	JSC	04/ 10:50	02:30 AM	03:30 AM	07:30
72	DISCOVERY / ISS CREW WAKE UP (begins FD 6)		04/ 12:30	04:10 AM	05:10 AM	09:10
72	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	04/ 12:50	04:30 AM	05:30 AM	09:30
74	SSRMS GRAPPLE OF PMM		04/ 14:45	06:25 AM	07:25 AM	11:25
74	PMM UNBERTH		04/ 15:20	07:00 AM	08:00 AM	12:00
75	PMM INSTALLATION BEGINS ON UNITY NADIR PORT		04/ 16:25	08:05 AM	09:05 AM	13:05
75	PMM INSTALLATION COMPLETE		04/ 17:15	08:55 AM	09:55 AM	13:55
76	MISSION STATUS BRIEFING	JSC	04/ 18:50	10:30 AM	11:30 AM	15:30

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77	OBSS FOCUSED INSPECTION OF DISCOVERY'S TPS (If required)		04/ 19:45	11:25 AM	12:25 PM	16:25
79	EVA # 2 PROCEDURE REVIEW		04/ 23:00	02:40 PM	03:40 PM	19:40
80	U.S. PAO EVENT	ISS Ku	05/ 00:15	03:55 PM	04:55 PM	20:55
81	EVA # 2 CAMPOUT BEGINS (Kopra and Drew)		05/ 02:25	06:05 PM	07:05 PM	23:05
82	ISS CREW SLEEP BEGINS		05/ 03:30	07:10 PM	08:10 PM	00:10
82	DISCOVERY CREW SLEEP BEGINS		05/ 04:00	07:40 PM	08:40 PM	00:40
83	FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	05/ 04:20	08:00 PM	09:00 PM	01:00

SUNDAY, NOVEMBER 7

FD 6 / FD 7

86	ISS FLIGHT DIRECTOR UPDATE	JSC	05/ 09:50	01:30 AM	02:30 AM	06:30
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<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CST</u>	<u>EDT</u>	<u>GMT</u>
STANDARD TIME BEGINS						

88	DISCOVERY / ISS CREW WAKE UP (begins FD 7)		05/ 12:00	02:40 AM	03:40 AM	08:40
88	EVA # 2 PREPARATIONS RESUME		05/ 12:40	03:20 AM	04:20 AM	09:20
88	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	05/ 12:50	03:30 AM	04:30 AM	09:30
89	PMM VESTIBULE PREPARATION FOR INGRESS		05/ 14:10	04:50 AM	05:50 AM	10:50
91	EVA # 2 BEGINS (Kopra and Drew)		05/ 16:55	07:35 AM	08:35 AM	13:35
91	LWAPA RETRIEVAL AND REPLACEMENT		05/ 17:55	08:35 AM	09:35 AM	14:35
92	ELC-4 THERMAL INSULATION REMOVAL		05/ 18:25	09:05 AM	10:05 AM	15:05
92	P3 CETA LIGHT INSTALLATION		05/ 19:15	09:55 AM	10:55 AM	15:55
92	PMM INGRESS		05/ 19:15	09:55 AM	10:55 AM	15:55

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CST</u>	<u>EDT</u>	<u>GMT</u>
92	DEXTRE CAMERA LIGHT PAN AND TILT ASSEMBLY INSTALLATION		05/ 19:25	10:05 AM	11:05 AM	16:05
93	P1 RADIATOR TROUBLESHOOTING		05/ 20:45	11:25 AM	12:25 PM	17:25
94	TRANQUILITY THERMAL INSULATION REMOVAL		05/ 21:45	12:25 PM	01:25 PM	18:25
94	DEXTRE CAMERA COVER INSTALLATION		05/ 22:20	01:00 PM	02:00 PM	19:00
95	EVA# 2 ENDS		05/ 23:25	02:05 PM	03:05 PM	20:05
97	MISSION STATUS BRIEFING	JSC	06/ 01:50	04:30 PM	05:30 PM	22:30
97	ISS CREW SLEEP BEGINS		06/ 03:00	05:40 PM	06:40 PM	23:40
98	DISCOVERY CREW SLEEP BEGINS		06/ 03:30	06:10 PM	07:10 PM	00:10
98	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	06/ 04:20	07:00 PM	08:00 PM	01:00

MONDAY, NOVEMBER 8

FD 7 / FD 8

102	ISS FLIGHT DIRECTOR UPDATE	JSC	06/ 09:50	12:30 AM	01:30 AM	06:30
102	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	06/ 10:50	01:30 AM	02:30 AM	07:30
103	DISCOVERY / ISS CREW WAKE UP (begins FD 8)		06/ 11:30	02:10 AM	03:10 AM	08:10
105	U.S. PAO EVENT	ISS Ku	06/ 14:30	05:10 AM	06:10 AM	11:10
105	DISCOVERY / ISS TRANSFERS RESUME		06/ 14:55	05:35 AM	06:35 AM	11:35
106	U.S. PAO EVENT	ISS Ku	06/ 16:50	07:30 AM	08:30 AM	13:30
108	CREW CHOICE DOWNLINK MESSAGE FOR VETERANS DAY	ISS Ku	06/ 18:45	09:25 AM	10:25 AM	15:25
108	DISCOVERY CREW OFF DUTY PERIOD		06/ 19:10	09:50 AM	10:50 AM	15:50
109	VIDEO FILE	HQ	06/ 20:20	11:00 AM	12:00 PM	17:00
112	MISSION STATUS BRIEFING	JSC	07/ 00:50	03:30 PM	04:30 PM	21:30

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113	ISS CREW SLEEP BEGINS		07/ 02:30	05:10 PM	06:10 PM	23:10
113	DISCOVERY CREW SLEEP BEGINS		07/ 03:00	05:40 PM	06:40 PM	23:40
113	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	07/ 03:20	06:00 PM	07:00 PM	00:00
117	ISS FLIGHT DIRECTOR UPDATE	JSC	07/ 08:50	11:30 PM	12:30 AM	05:30
TUESDAY, NOVEMBER 9						
FD 8 / FD 9						
118	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	07/ 09:50	12:30 AM	01:30 AM	06:30
118	DISCOVERY / ISS CREW WAKE UP (begins FD 9)		07/ 11:00	01:40 AM	02:40 AM	07:40
120	U.S. PAO EDUCATIONAL EVENT	ISS Ku	07/ 13:25	04:05 AM	05:05 AM	10:05
122	JOINT CREW NEWS CONFERENCE	ISS Ku	07/ 16:55	07:35 AM	08:35 AM	13:35
123	DISCOVERY CREW OFF DUTY PERIOD		07/ 19:00	09:40 AM	10:40 AM	15:40
124	INTERPRETED REPLAY OF JOINT CREW NEWS CONFERENCE	JSC	07/ 19:20	10:00 AM	11:00 AM	16:00
124	VIDEO FILE	HQ	07/ 20:20	11:00 AM	12:00 PM	17:00
125	MISSION STATUS BRIEFING	JSC	07/ 20:50	11:30 AM	12:30 PM	17:30
125	RENDEZVOUS TOOL CHECKOUT		07/ 21:30	12:10 PM	01:10 PM	18:10
126	FAREWELL AND HATCH CLOSURE		07/ 22:30	01:10 PM	02:10 PM	19:10
126	CENTERLINE CAMERA INSTALLATION		07/ 23:30	02:10 PM	03:10 PM	20:10
128	ISS CREW SLEEP BEGINS		08/ 02:00	04:40 PM	05:40 PM	22:40
128	DISCOVERY CREW SLEEP BEGINS		08/ 02:30	05:10 PM	06:10 PM	23:10
129	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	08/ 03:20	06:00 PM	07:00 PM	00:00

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WEDNESDAY, NOVEMBER 10						
FD 10						
134	DISCOVERY / ISS CREW WAKE UP (begins FD 10)		08/ 10:30	01:10 AM	02:10 AM	07:10
136	DISCOVERY UNDOCKS FROM ISS		08/ 14:03	04:43 AM	05:43 AM	10:43
136	DISCOVERY FLYAROUND OF ISS BEGINS		08/ 14:33	05:13 AM	06:13 AM	11:13
137	DISCOVERY FINAL SEPARATION FROM ISS		08/ 15:46	06:26 AM	07:26 AM	12:26
138	SHUTTLE VTR PLAYBACK OF UNDOCKING		08/ 17:25	08:05 AM	09:05 AM	14:05
139	RMS/OBSS LATE INSPECTION OF DISCOVERY'S TPS		08/ 18:15	08:55 AM	09:55 AM	14:55
140	MISSION STATUS BRIEFING	JSC	08/ 20:50	11:30 AM	12:30 PM	17:30
142	OBSS BERTH		08/ 22:35	01:15 PM	02:15 PM	19:15
142	VIDEO FILE	HQ	08/ 23:20	02:00 PM	03:00 PM	20:00
143	MMT BRIEFING	JSC	09/ 00:20	03:00 PM	04:00 PM	21:00
144	DISCOVERY CREW SLEEP BEGINS		09/ 02:30	05:10 PM	06:10 PM	23:10
145	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 03:20	06:00 PM	07:00 PM	00:00
145	VIDEO FILE	HQ	09/ 04:20	07:00 PM	08:00 PM	01:00
THURSDAY, NOVEMBER 11						
FD 11						
149	DISCOVERY CREW WAKE UP (begins FD 11)		09/ 10:30	01:10 AM	02:10 AM	07:10
151	FCS CHECKOUT		09/ 13:15	03:55 AM	04:55 AM	09:55
151	CABIN STOWAGE BEGINS		09/ 13:35	04:15 AM	05:15 AM	10:15
152	RCS HOT-FIRE TEST		09/ 14:25	05:05 AM	06:05 AM	11:05
154	DISCOVERY U.S. PAO EVENT	TDRE	09/ 16:45	07:25 AM	08:25 AM	13:25

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155	DISCOVERY TRIBUTE EVENT	TDRE	09/ 18:20	09:00 AM	10:00 AM	15:00
156	MISSION STATUS BRIEFING	JSC	09/ 20:50	11:30 AM	12:30 PM	17:30
158	KU-BAND ANTENNA STOWAGE		09/ 23:20	02:00 PM	03:00 PM	20:00
160	DISCOVERY CREW SLEEP BEGINS		10/ 02:30	05:10 PM	06:10 PM	23:10
161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 03:20	06:00 PM	07:00 PM	00:00
FRIDAY, NOVEMBER 12						
FD 12						
165	DISCOVERY CREW WAKE UP (begins FD 12)		10/ 10:30	01:10 AM	02:10 AM	07:10
167	DISCOVERY DEORBIT PREPARATIONS BEGIN		10/ 13:55	04:35 AM	05:35 AM	10:35
168	PAYLOAD BAY DOOR CLOSING		10/ 15:19	05:59 AM	06:59 AM	11:59
170	DISCOVERY DEORBIT BURN		10/ 17:59	08:39 AM	09:39 AM	14:39
171	MILA C-BAND RADAR ACQUISITION OF DISCOVERY		10/ 18:49	09:29 AM	10:29 AM	15:29
171	KSC LANDING	KSC	10/ 19:02	09:42 AM	10:42 AM	15:42
	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.		

DEFINITION OF TERMS

AMC: Americom Satellite
CDT: Central Daylight Time
CETA: Crew and Equipment Translation Aid
CLPA: Camera Light Pan Tilt Assembly
Destiny: U.S. Laboratory on ISS
ELC-4: Express Logistics Carrier #4
EMU: Extravehicular Mobility Unit
EOTP: Enhanced ORU Temporary Platform
EDT: Eastern Daylight Time
EVA: Extravehicular Activity
FCS: Flight Control System
FD: Flight Day
GMT: Greenwich Mean Time
Harmony: Node 2
HD: High Definition Television
HQ: NASA Headquarters
ISS: International Space Station
JAXA: Japan Aerospace Exploration Agency
JSC: Johnson Space Center
KSC: Kennedy Space Center
L: Launch or Landing time
LIMO: Live Interview Media Outlet channel
LWAPA: Lightweight Adaptor Plate Assembly
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
MMT: Mission Management Team
MS: Mission Specialist
NET: No Earlier Than
OBSS: Orbiter Boom Sensor System
ODS: Orbiter Docking System
OMS: Orbital Maneuvering System
PAO: Public Affairs office
PMM: Permanent Multipurpose Module
RCS: Reaction Control System
R&R: Return and Replace
RPM: Rendezvous Pitch Maneuver
RSS: Rotate Servicing Structure
S1: Starboard One truss segment on ISS
SPDM: Special Purpose Dexterous Manipulator
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
VTR: Videotape Recorder