
 NASA TELEVISION SCHEDULE
 STS-121 / ULF-1.1
 ISS LOGISTICS SUPPLY / TUS REPAIR

06/23/06

NASA Television is now carried on an MPEG-2 digital signal accessed via satellite AMC-6, at 72 degrees west longitude, transponder 17C, 4040 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 36.86 and FEC 3/4 will be needed for reception. NASA mission coverage will be simulcast digitally on the Public Services Channel (Channel #101); the Education Channel (Channel #102) and the Media Services Channel (Channel #103). Further information is available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. Mission Audio can be accessed on AMC-6, Transponder 13, 3971.3 MHz, horizontal polarization.

ALL TIMES SUBJECT TO CHANGE

This TV schedule is available via the Internet. The address is http://www.nasa.gov/multimedia/nasatv/121_schedule.html

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>	<u>MOSCOW</u>
TUESDAY, JUNE 27							
L-4							
	EXPEDITION 13 CREW NEWS CONFERENCE	ISS KU		07:54 AM	8:54 AM	12:54	16:54
	EXPEDITION 13 COMMENTARY	JSC		10:00 AM	11:00 AM	15:00	19:00
	CREW ARRIVAL (subject to change)	KSC	NET	11:00 AM	12:00 PM	16:00	20:00
	VIDEO FILE (Media - Channel 103)	HQ		02:00 PM	3:00 PM	19:00	23:00
WEDNESDAY, JUNE 28							
L-3							
	STS-121 LEAD SHUTTLE FLIGHT DIRECTOR TONY CECCACCI LIVE INTERVIEWS (Media - Channel 103)	JSC		06:00 AM	7:00 AM	11:00	15:00
	COUNTDOWN STATUS BRIEFING	KSC		09:00 AM	10:00 AM	14:00	18:00
	EXPEDITION 13 COMMENTARY	JSC		10:00 AM	11:00 AM	15:00	19:00
	VIDEO FILE (Media - Channel 103)	HQ		11:00 AM	12:00 PM	16:00	20:00
	STS-121 COUNTDOWN BEGINS (with Commentary)	KSC		04:00 PM	5:00 PM	21:00	1:00

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THURSDAY, JUNE 29								
L-2								
	COUNTDOWN STATUS BRIEFING	KSC		09:00 AM	10:00 AM	14:00	18:00	
	EXPEDITION 13 COMMENTARY	JSC		10:00 AM	11:00 AM	15:00	19:00	
	VIDEO FILE (Media - Channel 103)	HQ		11:00 AM	12:00 PM	16:00	20:00	
	LAUNCH READINESS NEWS CONFERENCE (time subject to change; follows completion of MMT Meeting)	KSC		03:00 PM	4:00 PM	20:00	0:00	
FRIDAY, JUNE 30								
L-1								
	COUNTDOWN STATUS BRIEFING	KSC		9:00 AM	10:00 AM	14:00	18:00	
	EXPEDITION 13 COMMENTARY	JSC		10:00 AM	11:00 AM	15:00	19:00	
	VIDEO FILE (Media - Channel 103)	HQ		11:00 AM	12:00 PM	16:00	20:00	
	NASA EXPLORATION UPDATE BRIEFING	KSC		1:00 PM	2:00 PM	18:00	22:00	
	NASA AGENCY OVERVIEW BRIEFING	KSC	NET	2:00 PM	3:00 PM	19:00	23:00	
SATURDAY, JULY 1								
FD 1								
	STS-121 DISCOVERY FUELING COVERAGE BEGINS	KSC		4:30 AM	5:30 AM	9:30	13:30	
	STS-121 LAUNCH COVERAGE BEGINS	KSC		9:00 AM	10:00 AM	14:00	18:00	
	LAUNCH	KSC	00/	00:00	02:49 PM	03:49 PM	19:49	23:49
	MECO		00/	00:08	02:57 PM	03:57 PM	19:57	23:57
1	NASA TELEVISION ORIGATION SWITCHED TO JSC	JSC	00/	00:10	02:59 PM	03:59 PM	19:59	23:59
1	NASA TELEVISION ORIGATION SWITCHED TO KSC	KSC	00/	00:15	03:04 PM	04:04 PM	20:04	00:04

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1	LAUNCH REPLAYS T=30:00	KSC	00/	00:21	03:10 PM	04:10 PM	20:10	00:10
1	POST LAUNCH NEWS CONFERENCE	KSC	00/	01:11	04:00 PM	05:00 PM	21:00	01:00
2	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/	01:25	04:14 PM	05:14 PM	21:14	01:14
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/	03:11	06:00 PM	07:00 PM	23:00	03:00
3	RMS POWER UP		00/	03:35	06:24 PM	07:24 PM	23:24	03:24
3	EXTERNAL TANK UMBILICAL WELL IMAGERY DOWNLINK		00/	03:55	06:44 PM	07:44 PM	23:44	03:44
3	EXTERNAL TANK HAND-HELD VIDEO DOWNLINK		00/	04:15	07:04 PM	08:04 PM	00:04	04:04
4	STS-121 IMAGERY QUICK-LOOK BRIEFING	KSC	00/	05:11	08:00 PM	09:00 PM	01:00	05:00
4	LAUNCH ENGINEERING REPLAYS	KSC	00/	05:41	08:30 PM	09:30 PM	01:30	05:30
5	DISCOVERY CREW SLEEP BEGINS		00/	06:00	08:49 PM	09:49 PM	01:49	05:49
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	00/	07:11	10:00 PM	11:00 PM	03:00	07:00
SUNDAY, JULY 2								
FD 2								
7	STS-121 IMAGERY QUICK-LOOK BRIEFING REPLAY	JSC	00/	09:11	12:00 AM	01:00 AM	05:00	09:00
10	DISCOVERY CREW WAKE UP (begins FD 2)		00/	14:00	04:49 AM	05:49 AM	09:49	13:49
11	WB-57 AIRBORNE LAUNCH VIDEO REPLAY	KSC	00/	16:12	07:01 AM	08:01 AM	12:01	16:01
11	RMS CHECK-OUT (if not completed on FD1)		00/	16:25	07:14 AM	08:14 AM	12:14	16:14
12	CENTERLINE CAMERA INSTALLATION		00/	16:40	07:29 AM	08:29 AM	12:29	16:29
12	RMS GRAPPLE & UNBERTH OF OBSS		00/	17:10	07:59 AM	08:59 AM	12:59	16:59

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12	RMS / OBSS SURVEY OF DISCOVERY STARBOARD WLE / NOSE CAP BEGINS		00/ 18:00	08:49 AM	09:49 AM	13:49	17:49
13	OMS POD IMAGERY		00/ 19:10	09:59 AM	10:59 AM	14:59	18:59
15	ODS RING EXTENSION		00/ 21:15	12:04 PM	01:04 PM	17:04	21:04
15	EMU CHECK-OUT		00/ 22:15	01:04 PM	02:04 PM	18:04	22:04
15	RMS / OBSS SURVEY OF DISCOVERY PORT WLE / CREW CABIN		00/ 22:15	01:04 PM	02:04 PM	18:04	22:04
16	MISSION STATUS BRIEFING	JSC	00/ 22:41	01:30 PM	02:30 PM	18:30	22:30
16	OBSS BERTH		00/ 23:45	02:34 PM	03:34 PM	19:34	23:34
17	RMS SURVEY OF UPPER SURFACES OF ORBITER		01/ 00:50	03:39 PM	04:39 PM	20:39	00:39
17	VTR PLAYBACK OF OBSS VIDEO		01/ 01:50	04:39 PM	05:39 PM	21:39	01:39
18	POST-MMT BRIEFING	JSC	01/ 02:11	05:00 PM	06:00 PM	22:00	02:00
18	RENDEZVOUS TOOLS CHECK-OUT		01/ 02:20	05:09 PM	06:09 PM	22:09	02:09
20	DISCOVERY CREW SLEEP BEGINS		01/ 05:00	07:49 PM	08:49 PM	00:49	04:49
20	FLIGHT DAY 2 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	01/ 05:11	08:00 PM	09:00 PM	01:00	05:00
20	POST-MMT BRIEFING REPLAY	JSC	01/ 06:11	09:00 PM	10:00 PM	02:00	06:00
MONDAY, JULY 3							
FD 3							
25	DISCOVERY / ISS CREW WAKE UP (begins FD 3 for Discovery Crew)		01/ 13:00	03:49 AM	04:49 AM	08:49	12:49
26	RENDEZVOUS OPERATIONS BEGIN		01/ 14:30	05:19 AM	06:19 AM	10:19	14:19
27	TI BURN (time approximate)		01/ 16:41	07:30 AM	08:30 AM	12:30	16:30

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29	DISCOVERY RENDEZVOUS PITCH MANEUVER/ ISS CREW VIDEO DOCUMENTATION BEGINS		01/ 18:30	09:19 AM	10:19 AM	14:19	18:19
29	ISS CREW RPM IMAGERY PLAYBACK		01/ 19:00	09:49 AM	10:49 AM	14:49	18:49
30	DISCOVERY / ISS DOCKING (time approximate; may not be televised live)		01/ 19:36	10:25 AM	11:25 AM	15:25	19:25
31	DISCOVERY / ISS CREW HATCH OPENING AND HANDSHAKE		01/ 21:35	12:24 PM	01:24 PM	17:24	21:24
31	OBSS GRAPPLE BY SSRMS		01/ 22:35	01:24 PM	02:24 PM	18:24	22:24
31	REITER SOYUZ SEAT LINER INSTALLATION		01/ 22:45	01:34 PM	02:34 PM	18:34	22:34
31	MISSION STATUS BRIEFING (Flight Control Team Video Replay follows)	JSC	01/ 22:41	01:30 PM	02:30 PM	18:30	22:30
31	SSRMS UNBERTH OF OBSS	JSC	01/ 23:05	01:54 PM	02:54 PM	18:54	22:54
31	SSRMS MANEUVERS OBSS TO HAND-OFF POSITION		01/ 23:30	02:19 PM	03:19 PM	19:19	23:19
32	ROOBA LEAK CHECK & CHECK-OUT		01/ 23:30	02:19 PM	03:19 PM	19:19	23:19
32	SSRMS HANDOFF OF OBSS to RMS		02/ 00:40	03:29 PM	04:29 PM	20:29	00:29
33	SHUTTLE VTR PLAYBACK OF DISCOVERY / ISS DOCKING (time approximate)		02/ 01:15	04:04 PM	05:04 PM	21:04	01:04
34	POST-MMT BRIEFING	JSC	02/ 02:11	05:00 PM	06:00 PM	22:00	02:00
35	VIDEO FILE		02/ 04:11	07:00 PM	08:00 PM	00:00	04:00
35	DISCOVERY / ISS CREW SLEEP BEGINS		02/ 04:30	07:19 PM	08:19 PM	00:19	04:19
36	FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	02/ 05:11	08:00 PM	09:00 PM	01:00	05:00
36	POST-MMT BRIEFING REPLAY	JSC	02/ 06:11	09:00 PM	10:00 PM	02:00	06:00

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TUESDAY, JULY 4							
FD 4							
40	DISCOVERY CREW WAKE UP (begins FD 4)		02/ 12:30	03:19 AM	04:19 AM	08:19	12:19
41	ISS CREW WAKE UP		02/ 13:00	03:49 AM	04:49 AM	08:49	12:49
42	SSRMS GRAPPLE OF MPLM		02/ 14:40	05:29 AM	06:29 AM	10:29	14:29
42	MPLM UNBERTH FROM DISCOVERY		02/ 15:10	05:59 AM	06:59 AM	10:59	14:59
43	MPLM INSTALLATION ON UNITY BEGINS		02/ 16:05	06:54 AM	07:54 AM	11:54	15:54
44	U.S. PAO EVENT (AUDIO ONLY)	A/G-2	02/ 17:50	08:39 AM	09:39 AM	13:39	17:39
44	SSRMS UNGRAPPLE OF MPLM		02/ 18:20	09:09 AM	10:09 AM	14:09	18:09
44	SSRMS WALK OFF FROM DESTINY TO MBS		02/ 18:35	09:24 AM	10:24 AM	14:24	18:24
45	SSRMS / OBSS TPS SURVEY		02/ 20:10	10:59 AM	11:59 AM	15:59	19:59
46	ROOBA LEAK CHECK & CHECK-OUT CONTINUES		02/ 21:10	11:59 AM	12:59 PM	16:59	20:59
47	MPLM ACTIVATION		02/ 21:30	12:19 PM	01:19 PM	17:19	21:19
47	MISSION STATUS BRIEFING	JSC	02/ 22:41	01:30 PM	02:30 PM	18:30	22:30
47	SSRMS WALK OFF FROM MBS TO DESTINY		02/ 22:50	01:39 PM	02:39 PM	18:39	22:39
48	MPLM INGRESS		02/ 23:45	02:34 PM	03:34 PM	19:34	23:34
48	DISCOVERY / ISS TRANSFER TAG UP		03/ 00:15	03:04 PM	04:04 PM	20:04	00:04
49	EVA #1 PROCEDURE REVIEW		03/ 01:00	03:49 PM	04:49 PM	20:49	00:49
49	U.S. PAO EVENT	ISS DL	03/ 02:04	04:53 PM	05:53 PM	21:53	01:53
50	POST-MMT BRIEFING	JSC	03/ 02:41	05:30 PM	06:30 PM	22:30	02:30
51	DISCOVERY / ISS CREW SLEEP BEGINS		03/ 04:30	07:19 PM	08:19 PM	00:19	04:19

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51	FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	03/	05:11	08:00 PM	09:00 PM	01:00	05:00
52	POST-MMT BRIEFING REPLAY	JSC	03/	06:11	09:00 PM	10:00 PM	02:00	06:00
WEDNESDAY, JULY 5								
FD 5								
56	DISCOVERY CREW WAKE UP (begins FD 5)		03/	12:30	03:19 AM	04:19 AM	08:19	12:19
56	ISS CREW WAKE UP		03/	13:00	03:49 AM	04:49 AM	08:49	12:49
57	EVA #1 PREPARATIONS BEGIN		03/	13:45	04:34 AM	05:34 AM	09:34	13:34
60	EVA #1 BEGINS		03/	18:35	09:24 AM	10:24 AM	14:24	18:24
60	ZENITH IUA REMOVAL AND REPLACEMENT		03/	18:55	09:44 AM	10:44 AM	14:44	18:44
61	OBSS LOADS EVALUATION BEGINS		03/	20:05	10:54 AM	11:54 AM	15:54	19:54
64	EVA #1 ENDS		04/	01:05	03:54 PM	04:54 PM	20:54	00:54
65	MISSION STATUS / POST-MMT BRIEFING (Flight Control Team video will follow)	JSC	04/	02:11	05:00 PM	06:00 PM	22:00	02:00
66	VIDEO FILE	HQ	04/	04:11	07:00 PM	08:00 PM	00:00	04:00
67	DISCOVERY / ISS CREW SLEEP BEGINS		04/	04:30	07:19 PM	08:19 PM	00:19	04:19
67	FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	04/	05:11	08:00 PM	09:00 PM	01:00	05:00
68	MISSION STATUS / POST-MMT BRIEFING REPLAY	JSC	04/	06:11	09:00 PM	10:00 PM	02:00	06:00
THURSDAY, JULY 6								
FD 6								
72	DISCOVERY CREW WAKE UP (begins FD 6)		04/	12:30	03:19 AM	04:19 AM	08:19	12:19
72	ISS CREW WAKE UP		04/	13:00	03:49 AM	04:49 AM	08:49	12:49

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74	DISCOVERY / ISS TRANSFERS RESUME		04/ 15:00	05:49 AM	06:49 AM	10:49	14:49
77	JOINT CREW NEWS CONFERENCE	TDRE	04/ 20:20	11:09 AM	12:09 PM	16:09	20:09
77	VIDEO FILE	HQ	04/ 21:11	12:00 PM	01:00 PM	17:00	21:00
79	MISSION STATUS BRIEFING	JSC	04/ 22:41	01:30 PM	02:30 PM	18:30	22:30
79	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	04/ 23:41	02:30 PM	03:30 PM	19:30	23:30
79	EVA #2 PROCEDURE REVIEW		05/ 00:00	02:49 PM	03:49 PM	19:49	23:49
81	POST-MMT BRIEFING	JSC	05/ 02:11	05:00 PM	06:00 PM	22:00	02:00
82	DISCOVERY / ISS CREW SLEEP BEGINS		05/ 04:00	06:49 PM	07:49 PM	23:49	03:49
82	FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	05/ 04:11	07:00 PM	08:00 PM	00:00	04:00
84	POST-MMT BRIEFING REPLAY	JSC	05/ 06:11	09:00 PM	10:00 PM	02:00	06:00
FRIDAY, JULY 7							
FD 7							
87	DISCOVERY CREW WAKE UP (begins FD 7)		05/ 12:00	02:49 AM	03:49 AM	07:49	11:49
88	ISS CREW WAKE UP		05/ 12:30	03:19 AM	04:19 AM	08:19	12:19
88	EVA #2 PREPARATIONS BEGIN		05/ 13:15	04:04 AM	05:04 AM	09:04	13:04
91	EVA #2 BEGINS		05/ 18:05	08:54 AM	09:54 AM	13:54	17:54
92	SSRMS PUMP MODULE GRAPPLE		05/ 19:00	09:49 AM	10:49 AM	14:49	18:49
93	PUMP MODULE INSTALL ON ESP-2		05/ 20:10	10:59 AM	11:59 AM	15:59	19:59
93	TUS REMOVAL AND REPLACEMENT BEGINS		05/ 20:45	11:34 AM	12:34 PM	16:34	20:34
96	EVA #2 ENDS		06/ 00:35	03:24 PM	04:24 PM	20:24	00:24

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96	MISSION STATUS BRIEFING (Flight Control Team Video Replay follows)	JSC	06/	01:11	04:00 PM	05:00 PM	21:00	01:00
96	TUS CHECK-OUT	JSC	06/	01:40	04:29 PM	05:29 PM	21:29	01:29
97	POST-MMT BRIEFING (May be combined with Mission Status Briefing at earlier time)	JSC	06/	02:11	05:00 PM	06:00 PM	22:00	02:00
98	VIDEO FILE	HQ	06/	03:41	06:30 PM	07:30 PM	23:30	03:30
98	DISCOVERY / ISS CREW SLEEP BEGINS		06/	04:00	06:49 PM	07:49 PM	23:49	03:49
98	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	06/	04:11	07:00 PM	08:00 PM	00:00	04:00
99	POST-MMT BRIEFING REPLAY	JSC	06/	06:11	09:00 PM	10:00 PM	02:00	06:00

SATURDAY, JULY 8

FD 8

103	DISCOVERY CREW WAKE UP (begins FD 8)		06/	12:00	02:49 AM	03:49 AM	07:49	11:49
103	ISS CREW WAKE UP		06/	12:30	03:19 AM	04:19 AM	08:19	12:19
105	DISCOVERY / ISS TRANSFERS RESUME		06/	14:30	05:19 AM	06:19 AM	10:19	14:19
108	U.S. PAO EVENT	TDRE	06/	18:10	08:59 AM	09:59 AM	13:59	17:59
110	MISSION STATUS BRIEFING	JSC	06/	22:41	01:30 PM	02:30 PM	18:30	22:30
112	POST-MMT BRIEFING	JSC	07/	02:11	05:00 PM	06:00 PM	22:00	02:00
113	DISCOVERY / ISS CREW SLEEP BEGINS		07/	03:30	06:19 PM	07:19 PM	23:19	03:19
114	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	07/	04:11	07:00 PM	08:00 PM	00:00	04:00
115	POST-MMT BRIEFING REPLAY	JSC	07/	06:11	09:00 PM	10:00 PM	02:00	06:00

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SUNDAY, JULY 9							
FD 9							
119	DISCOVERY CREW WAKE UP (begins FD 9)		07/ 11:30	02:19 AM	03:19 AM	07:19	11:19
119	ISS CREW WAKE UP		07/ 12:00	02:49 AM	03:49 AM	07:49	11:49
121	DISCOVERY CREW OFF DUTY PERIOD BEGINS		07/ 14:35	05:24 AM	06:24 AM	10:24	14:24
121	ESA PAO EVENT	TDRW	07/ 15:05	05:54 AM	06:54 AM	10:54	14:54
124	RUSSIAN PAO EVENT	ISS DL	07/ 19:00	09:49 AM	10:49 AM	14:49	18:49
124	ESA AND RUSSIAN PAO EVENT REPLAYS WITH ENGLISH INTERPRETATION		07/ 20:11	11:00 AM	12:00 PM	16:00	20:00
126	MISSION STATUS BRIEFING	JSC	07/ 22:41	01:30 PM	02:30 PM	18:30	22:30
127	U.S. PAO EVENT	ISS DL	08/ 00:00	02:49 PM	03:49 PM	19:49	23:49
128	POST-MMT BRIEFING	JSC	08/ 02:11	05:00 PM	06:00 PM	22:00	02:00
129	DISCOVERY / ISS CREW SLEEP BEGINS		08/ 03:30	06:19 PM	07:19 PM	23:19	03:19
130	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	08/ 04:11	07:00 PM	08:00 PM	00:00	04:00
131	POST-MMT BRIEFING REPLAY	JSC	08/ 06:11	09:00 PM	10:00 PM	02:00	06:00
MONDAY, JULY 10							
FD 10							
134	DISCOVERY CREW WAKE UP (begins FD 10)		08/ 11:30	02:19 AM	03:19 AM	07:19	11:19
135	ISS CREW WAKE UP		08/ 12:00	02:49 AM	03:49 AM	07:49	11:49
136	MPLM EGRESS AND DEACTIVATION		08/ 14:10	04:59 AM	05:59 AM	09:59	13:59
136	U.S. PAO EVENT	TDRE	08/ 14:30	05:19 AM	06:19 AM	10:19	14:19

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140	SSRMS UNINSTALL OF MPLM FROM UNITY		08/ 19:30	10:19 AM	11:19 AM	15:19	19:19
141	MPLM BERTH IN DISCOVERY PAYLOAD BAY		08/ 21:05	11:54 AM	12:54 PM	16:54	20:54
141	MISSION STATUS BRIEFING	JSC	08/ 21:11	12:00 PM	01:00 PM	17:00	21:00
141	SSRMS WALK OFF FROM DESTINY TO MBS		08/ 22:00	12:49 PM	01:49 PM	17:49	21:49
142	SRMS / OBSS LATE INSPECTION OF DISCOVERY'S PORT WING		08/ 23:40	02:29 PM	03:29 PM	19:29	23:29
143	RENDEZVOUS TOOL CHECK-OUT		09/ 01:10	03:59 PM	04:59 PM	20:59	00:59
143	VIDEO FILE	JSC	09/ 01:11	04:00 PM	05:00 PM	21:00	01:00
144	POST-MMT BRIEFING	JSC	09/ 02:11	05:00 PM	06:00 PM	22:00	02:00
145	DISCOVERY / ISS CREW SLEEP BEGINS		09/ 03:30	06:19 PM	07:19 PM	23:19	03:19
145	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	09/ 04:11	07:00 PM	08:00 PM	00:00	04:00
147	POST-MMT BRIEFING REPLAY	JSC	09/ 06:11	09:00 PM	10:00 PM	02:00	06:00

TUESDAY, JULY 11

FD 11

150	DISCOVERY / ISS CREW WAKE UP (begins FD 11for Discovery's Crew)		09/ 11:30	02:19 AM	03:19 AM	07:19	11:19
151	DISCOVERY / ISS CREW FAREWELL AND FINAL HATCH CLOSURE		09/ 13:35	04:24 AM	05:24 AM	09:24	13:24
152	CENTERLINE CAMERA INSTALLATION		09/ 14:25	05:14 AM	06:14 AM	10:14	14:14
153	DISCOVERY / ISS UNDOCKING (may not be televised live)		09/ 15:54	06:43 AM	07:43 AM	11:43	15:43
154	FINAL SEPARATION FROM ISS (may not be televised live)		09/ 16:51	07:40 AM	08:40 AM	12:40	16:40
155	SRMS / OBSS LATE INSPECTION OF DISCOVERY'S STARBOARD WING		09/ 18:55	09:44 AM	10:44 AM	14:44	18:44

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>	<u>MOSCOW</u>
156	SRMS / OBSS LATE INSPECTION OF DISCOVERY'S NOSE		09/ 20:25	11:14 AM	12:14 PM	16:14	20:14
157	MISSION STATUS BRIEFING (Flight Control Team Video Replay follows)	JSC	09/ 21:41	12:30 PM	01:30 PM	17:30	21:30
157	OBSS FINAL BERTHING		09/ 22:10	12:59 PM	01:59 PM	17:59	21:59
158	VTR PLAYBACK OF LATE INSPECTION (may not be televised live)		09/ 23:40	02:29 PM	03:29 PM	19:29	23:29
158	VIDEO FILE	HQ	10/ 00:11	03:00 PM	04:00 PM	20:00	00:00
160	POST-MMT BRIEFING	JSC	10/ 02:11	05:00 PM	06:00 PM	22:00	02:00
160	DISCOVERY CREW SLEEP BEGINS		10/ 03:00	05:49 PM	06:49 PM	22:49	02:49
160	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	10/ 03:11	06:00 PM	07:00 PM	23:00	03:00
162	POST-MMT BRIEFING REPLAY	JSC	10/ 06:11	09:00 PM	10:00 PM	02:00	06:00
WEDNESDAY, JULY 12							
FD 12							
166	DISCOVERY CREW WAKE UP (begins FD 12)		10/ 11:00	01:49 AM	02:49 AM	06:49	10:49
167	FCS CHECK-OUT		10/ 13:15	04:04 AM	05:04 AM	09:04	13:04
168	CABIN STOWAGE BEGINS		10/ 14:00	04:49 AM	05:49 AM	09:49	13:49
168	RCS HOT FIRE		10/ 14:25	05:14 AM	06:14 AM	10:14	14:14
171	DISCOVERY CREW DEORBIT REVIEW		10/ 19:40	10:29 AM	11:29 AM	15:29	19:29
172	U.S. PAO EVENT	TDRW	10/ 21:00	11:49 AM	12:49 PM	16:49	20:49
173	MISSION STATUS BRIEFING	JSC	10/ 21:41	12:30 PM	01:30 PM	17:30	21:30
174	VIDEO FILE (Media - Channel 103)	HQ	10/ 23:11	02:00 PM	03:00 PM	19:00	23:00
174	KU BAND ANTENNA STOWAGE		10/ 23:40	02:29 PM	03:29 PM	19:29	23:29

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176	POST-MMT BRIEFING	JSC	11/	02:11	05:00 PM	06:00 PM	22:00	02:00
176	DISCOVERY CREW SLEEP BEGINS		11/	03:00	05:49 PM	06:49 PM	22:49	02:49
176	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour through crew sleep)	JSC	11/	03:11	06:00 PM	07:00 PM	23:00	03:00
181	POST-MMT BRIEFING REPLAY	JSC	11/	06:11	09:00 PM	10:00 PM	02:00	06:00

THURSDAY, JULY 13

FD 13

181	DISCOVERY CREW WAKE UP (begins FD 13)		11/	11:00	01:49 AM	02:49 AM	06:49	10:49
183	DEORBIT PREPARATIONS BEGIN		11/	14:10	04:59 AM	05:59 AM	09:59	13:59
184	PAYLOAD BAY DOOR CLOSING		11/	15:15	06:04 AM	07:04 AM	11:04	15:04
186	DEORBIT BURN		11/	17:55	08:44 AM	09:44 AM	13:44	17:44
187	C-BAND RADAR ACQUISITION OF DISCOVERY THROUGH MILA		11/	18:44	09:33 AM	10:33 AM	14:33	18:33
187	KSC LANDING	KSC	11/	18:57	09:46 AM	10:46 AM	14:46	18:46
	POST-LANDING NEWS CONFERENCE	KSC			NET	12:00 PM	17:00	21:00
	ENTRY FLIGHT DIRECTOR POST-LANDING NEWS CONFERENCE	JSC			NET	01:00 PM	18:00	22:00
	ENTRY FLIGHT CONTROL TEAM VIDEO REPLAY	JSC				NET L+4 HRS.		
	STS-121 CREW POST LANDING NEWS CONFERENCE (may be postponed or cancelled; Commander and available crewmembers)	KSC				NET L+6 HRS.		

ORBIT SUBJECT SITE MET CDT EDT GMT MOSCOW

DEFINITION OF TERMS

A/G: Air-to-Grounds
AMC: AMERICOM satellite
CDT: Central Daylight Time
Destiny: U.S. Laboratory on ISS
DTO: Development Test Objective
EDT: Eastern Daylight Time
EMU: Extravehicular Mobility Unit
ESP-2: External Stowage Platform #2 Attachment Device
ESA: European Space Agency
ET: External Tank
EVA: Extravehicular Activity
FCS: Flight Control System
FD: Flight Day
GMT: Greenwich Mean Time
HQ: NASA Headquarters
ISS: International Space Station
IUA: Integrated Umbilical Assembly
JSC: Johnson Space Center
KSC: Kennedy Space Center
L: Launch or Landing Time
MBS: Mobile Base System
MECO: Main Engine Cut-off
MET: Mission Elapsed Time. The time which begins at the moment of launch and is read: DAYS/HOURS:MINUTES. LAUNCH=00/00:00
MILA: Merrit Island Launch Area
MPLM: Multi-Purpose Logistics Module
MMT: Mission Management Team
NET: No Earlier Than
OBSS: Orbiter Boom Sensor System
ODS: Orbiter Docking System
OMS: Orbital Maneuvering System
PAO: Public Affairs Office
PMA: Pressurized Mating Adapter on ISS
RCC: Reinforced Carbon-Carbon used on Wing Leading Edges
RCS: Reaction Control System
RMS: Remote Manipulator System
ROOBA: Recharge Oxygen Orifice Bypass Assembly
RPM: Rendezvous Pitch Maneuver
SSRMS: Canadarm 2 ISS Robotic Arm
STS: Space Transportation System

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TI:	Terminal Initiation Rendezvous Maneuver						
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes						
TPS:	Thermal Protection System						
TUS:	Trailing Umbilical System						
UNITY:	U.S. connecting node on ISS						
VTR:	Videotape Recorder						
WLE:	Wing Leading Edge						