
 NASA TELEVISION SCHEDULE
 STS-125
 Hubble Space Telescope Servicing Mission 4
 REV F
 05/18/09

Standard-Definition NASA TV satellite coordinates are available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. **High -Definition NASA TV Channel #105** is broadcast at 720p @ 59.94 fps, carried on an MPEG-2 digital signal on satellite AMC-6, Transponder 17C, at 72 degrees west longitude, 4040 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 36.86, symbol 26.665 and FEC 3/4 will be needed for reception. Mission Audio can be accessed at: <http://www.nasa.gov/ntv>. **Clients actively participating in Standard-Definition on-orbit interviews, interactive press briefings and satellite interviews must use the LIMO Channel, accessed via satellite AMC-6, 72 degrees west longitude, transponder 5C, 3785.5 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 6.00 and FEC 3/4 will be needed for reception.**

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 1:01pm CT (2:01pm ET) on Monday, May 11th, 2009.
 An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
MONDAY, MAY 18						
FD 8						
102	ATLANTIS CREW WAKE UP (begins FD 8)		06/ 15:30	04:31 AM	05:31 AM	09:31
103	EVA #5 PREPARATIONS BEGIN		06/ 16:45	05:46 AM	06:46 AM	10:46
104	EVA #5 BEGINS (GRUNSFELD & FEUSTEL)		06/ 19:15	08:16 AM	09:16 AM	13:16
104	BAY 3 BATTERY REMOVAL / REPLACEMENT BEGINS		06/ 19:45	08:46 AM	09:46 AM	13:46
105	BAY 3 BATTERY ALIVENESS TEST		06/ 21:05	10:06 AM	11:06 AM	15:06
105	FGS-2 REMOVAL / REPLACEMENT BEGINS		06/ 21:15	10:16 AM	11:16 AM	15:16
106	NEWSEUM CELEBRATION OF 40TH ANNIVERSARY OF APOLLO 10 (Education Channel only)	HQ	06/ 22:29	11:30 AM	12:30 PM	16:30
106	FGS-2 ALIVENESS TEST		06/ 22:40	11:41 AM	12:41 PM	16:41
106	* FULL NOBL 5 / PARTIAL NOBL 8 INSTALLATION BEGINS		06/ 23:15	12:16 PM	01:16 PM	17:16
107	HST HGA DEPLOY - PART ONE		07/ 00:45	01:46 PM	02:46 PM	18:46

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108	EVA #5 ENDS			07/ 01:00	02:01 PM	03:01 PM	19:01
108	MISSION STATUS BRIEFING	JSC		07/ 01:59	03:00 PM	04:00 PM	20:00
109	* RENDEZVOUS TOOLS CHECKOUT / HST HGA DEPLOY - PART TWO			07/ 03:10	04:11 PM	05:11 PM	21:11
109	* FGS-2 FUNCTIONAL TEST			07/ 03:55	04:56 PM	05:56 PM	21:56
110	HD CREW CHOICE DOWNLINK OPPORTUNITY	TDRW		07/ 04:15	05:16 PM	06:16 PM	22:16
111	ATLANTIS CREW SLEEP BEGINS			07/ 06:30	07:31 PM	08:31 PM	00:31
111	STOCC UPDATE	GSFC		07/ 06:44	07:45 PM	08:45 PM	00:45
111	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		07/ 06:59	08:00 PM	09:00 PM	01:00
112	VIDEO FILE	HQ		07/ 07:59	09:00 PM	10:00 PM	02:00
113	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replayed 5am-8am CT May 19)	JSC		07/ 09:59	11:00 PM	12:00 AM	04:00

TUESDAY, MAY 19

FD 9

116	ATLANTIS CREW WAKE UP (begins FD 9)			07/ 14:30	03:31 AM	04:31 AM	08:31
117	RMS GRAPPLE OF HST			07/ 16:15	05:16 AM	06:16 AM	10:16
118	* HST UNBERTH MANEUVER			07/ 17:10	06:11 AM	07:11 AM	11:11
118	HST APERTURE DOOR OPENS			07/ 18:15	07:16 AM	08:16 AM	12:16
119	HST RELEASE			07/ 18:52	07:53 AM	08:53 AM	12:53
119	ATLANTIS FINAL SEPARATION FROM HST			07/ 19:25	08:26 AM	09:26 AM	13:26
119	FSS STOWAGE			07/ 19:50	08:51 AM	09:51 AM	13:51
120	RMS UNBERTHS OBSS			07/ 21:10	10:11 AM	11:11 AM	15:11
121	RMS/OBSS SURVEY OF ATLANTIS TPS BEGINS			07/ 22:50	11:51 AM	12:51 PM	16:51

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122	MISSION STATUS BRIEFING	JSC	08/ 00:29	01:30 PM	02:30 PM	18:30
126	ATLANTIS CREW SLEEP BEGINS		08/ 06:30	07:31 PM	08:31 PM	00:31
126	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	08/ 06:59	08:00 PM	09:00 PM	01:00
127	VIDEO FILE	HQ	08/ 07:59	09:00 PM	10:00 PM	02:00
WEDNESDAY, MAY 20						
FD 10						
131	ATLANTIS CREW WAKE UP (begins FD 10)		08/ 14:30	03:31 AM	04:31 AM	08:31
133	OBSS BERTH IN ATLANTIS' PAYLOAD BAY		08/ 17:15	06:16 AM	07:16 AM	11:16
134	ATLANTIS CREW OFF DUTY PERIOD BEGINS		08/ 18:30	07:31 AM	08:31 AM	12:31
135	ATLANTIS HD CREW NEWS CONFERENCE (on both Standard and High-Definition NASA-TV Channels)	TDRW	08/ 20:25	09:26 AM	10:26 AM	14:26
136	ATLANTIS-ISS SHIP-TO-SHIP CALL (on both Standard and High-Definition NASA-TV Channels)	TDRW	08/ 22:05	11:06 AM	12:06 PM	16:06
137	VIDEO FILE	HQ	08/ 22:59	12:00 PM	01:00 PM	17:00
137	MISSION STATUS BRIEFING	JSC	08/ 23:59	01:00 PM	02:00 PM	18:00
139	POST-MMT BRIEFING	JSC	09/ 02:59	04:00 PM	05:00 PM	21:00
139	HD CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	09/ 03:30	04:31 PM	05:31 PM	21:31
141	ATLANTIS CREW SLEEP BEGINS		09/ 06:00	07:01 PM	08:01 PM	00:01
141	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 06:59	08:00 PM	09:00 PM	01:00

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143	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replayed 5am-8am CT May 21)	JSC	09/ 08:59	10:00 PM	11:00 PM	03:00
THURSDAY, MAY 21						
FD 11						
146	ATLANTIS CREW WAKE UP (begins FD 11)		09/ 14:00	03:01 AM	04:01 AM	08:01
148	CABIN STOWAGE BEGINS / RMS PRE-FCS CHECKOUT SURVEY		09/ 17:00	06:01 AM	07:01 AM	11:01
148	FCS CHECKOUT		09/ 17:10	06:11 AM	07:11 AM	11:11
148	RCS HOT-FIRE TEST		09/ 18:20	07:21 AM	08:21 AM	12:21
150	CREW DEORBIT PREPARATION BRIEFING		09/ 20:05	09:06 AM	10:06 AM	14:06
151	ATLANTIS HD PAO EVENT WITH SENATOR BARBARA MIKULSKI (D-Md.) (on both Standard and High-Definition NASA TV Channels)	TDRE	09/ 22:30	11:31 AM	12:31 PM	16:31
153	ATLANTIS HD PAO EVENT WITH ABC / CBS / CNN / NBC / FOX (on both Standard and High-Definition NASA TV Channels)	TDRE	10/ 00:40	01:41 PM	02:41 PM	18:41
153	MISSION STATUS BRIEFING	JSC	10/ 01:14	02:15 PM	03:15 PM	19:15
153	LRO / LCROSS PRELAUNCH BRIEFING	HQ	10/ 01:59	03:00 PM	04:00 PM	20:00
153	* KU-BAND ANTENNA STOWAGE		10/ 02:05	03:06 PM	04:06 PM	20:06
156	ATLANTIS CREW SLEEP BEGINS		10/ 05:30	06:31 PM	07:31 PM	23:31
156	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 05:59	07:00 PM	08:00 PM	00:00
156	VIDEO FILE	HQ	10/ 06:59	08:00 PM	09:00 PM	01:00

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158	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replayed 5am-8am CT May 22)	JSC	10/ 08:59	10:00 PM	11:00 PM	03:00

FRIDAY, MAY 22
FD 12

161	ATLANTIS CREW WAKEUP (begins FD 12)		10/ 13:30	02:31 AM	03:31 AM	07:31
163	DEORBIT PREPARATIONS BEGIN		10/ 16:35	05:36 AM	06:36 AM	10:36
164	PAYLOAD BAY DOOR CLOSING		10/ 17:53	06:54 AM	07:54 AM	11:54
165	DEORBIT BURN		10/ 20:33	09:34 AM	10:34 AM	14:34
166	MILA C-BAND RADAR ACQUISITION OF ATLANTIS		10/ 21:27	10:28 AM	11:28 AM	15:28
166	KSC LANDING	KSC	10/ 21:40	10:41 AM	11:41 AM	15:41
	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-125 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC		~ L+3.5 HRS.		
	STS-125 CREW NEWS CONFERENCE (may be postponed or cancelled)	KSC		NET L+4.5 HRS.		

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TPS:	Thermal Protection System on Atlantis					
WFCIII:	Wide Field Camera 3 on HST (replaces WFPC)					
WFPC:	Wide Field Planetary Camera on HST (replaced by WFCIII)					