
 NASA TELEVISION SCHEDULE
 STS-132
 ISS UTILIZATION LOGISTICS FLIGHT 4 / MINI RESEARCH MODULE 1 (RASSVET)
 REV F
 5/20/2010

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 1:20pm CT (2:20pm ET) on Friday, May 14th, 2010.
 An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
THURSDAY, MAY 20						
FD 7						
88	ATLANTIS / ISS CREW WAKE UP (begins FD 7)		05/ 11:30	12:50 AM	01:50 AM	05:50
90	MRM-1 / ZARYA LEAK CHECKS		05/ 14:55	04:15 AM	05:15 AM	09:15
90	* EVA #3 TOOL CONFIGURATION		05/ 15:30	04:50 AM	05:50 AM	09:50
91	MRM-1 HATCH OPENING		05/ 16:10	05:30 AM	06:30 AM	10:30
92	ASSOCIATED PRESS / FOX NEWS RADIO / CBS NEWS INTERVIEWS	ISS Ku	05/ 18:05	07:25 AM	08:25 AM	12:25
93	* MARS ROVER LIVE INTERVIEWS (NASA TV Public Channel #101 only through 10:20am CT; STS-132 mission coverage continues on Media Channel #103)	JPL	05/ 19:10	08:30 AM	09:30 AM	13:30
93	ATLANTIS / ISS CREW OFF-DUTY PERIOD BEGINS		05/ 19:25	08:45 AM	09:45 AM	13:45
94	MISSION STATUS BRIEFING	JSC	05/ 21:10	10:30 AM	11:30 AM	15:30
95	VIDEO FILE	HQ	05/ 22:40	12:00 PM	01:00 PM	17:00

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
96	EVA # 3 PROCEDURE REVIEW		05/ 23:25	12:45 PM	01:45 PM	17:45
97	EVA # 3 CAMPOUT BEGINS (Good and Reisman)		06/ 01:55	03:15 PM	04:15 PM	20:15
98	ISS CREW SLEEP BEGINS		06/ 03:00	04:20 PM	05:20 PM	21:20
98	ATLANTIS CREW SLEEP BEGINS		06/ 03:30	04:50 PM	05:50 PM	21:50
98	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	06/ 03:40	05:00 PM	06:00 PM	22:00
100	HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 21)	JSC	06/ 06:40	08:00 PM	09:00 PM	01:00
102	ISS FLIGHT DIRECTOR UPDATE	JSC	06/ 09:40	11:00 PM	12:00 AM	04:00
FRIDAY, MAY 21						
FD 8						
103	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	06/ 10:40	12:00 AM	01:00 AM	05:00
103	ATLANTIS / ISS CREW WAKE UP (begins FD 8)		06/ 11:30	12:50 AM	01:50 AM	05:50
104	* EVA #3 PREPARATIONS RESUME		06/ 12:10	01:30 AM	02:30 AM	06:30
106	SSRMS MANEUVERS ICC TO EVA WORKSITE		06/ 15:45	05:05 AM	06:05 AM	10:05
107	EVA #3 BEGINS (Reisman and Good)		06/ 16:25	05:45 AM	06:45 AM	10:45
108	P6 BATTERY REMOVAL AND REPLACEMENT RESUMES		06/ 17:35	06:55 AM	07:55 AM	11:55
109	INSTALL OLD P6 BATTERIES ON PALLET		06/ 20:20	09:40 AM	10:40 AM	14:40
110	P6 CLEANUP WORK		06/ 20:55	10:15 AM	11:15 AM	15:15
110	RETRIEVE PDGF (If time permits)		06/ 21:10	10:30 AM	11:30 AM	15:30
110	SSRMS MANEUVERS ICC TO MBS POA FOR TEMPORARY STOWAGE		06/ 21:15	10:35 AM	11:35 AM	15:35
111	EVA #3 ENDS		06/ 22:55	12:15 PM	01:15 PM	17:15

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
113	MISSION STATUS BRIEFING	JSC		07/ 01:40	03:00 PM	04:00 PM	20:00
113	ISS CREW SLEEP BEGINS			07/ 02:30	03:50 PM	04:50 PM	20:50
114	ATLANTIS CREW SLEEP BEGINS			07/ 03:00	04:20 PM	05:20 PM	21:20
114	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		07/ 03:40	05:00 PM	06:00 PM	22:00
115	VIDEO FILE	HQ		07/ 05:40	07:00 PM	08:00 PM	00:00
116	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 22)	JSC		07/ 06:40	08:00 PM	09:00 PM	01:00
118	ISS FLIGHT DIRECTOR UPDATE	JSC		07/ 10:10	11:30 PM	12:30 AM	04:30
SATURDAY, MAY 22							
FD 9							
119	ATLANTIS / ISS CREW WAKE UP (begins FD 9)			07/ 11:00	12:20 AM	01:20 AM	05:20
121	* SSRMS BERTHS ICC IN ATLANTIS' PAYLOAD BAY			07/ 13:15	02:35 AM	03:35 AM	07:35
123	U.S. PAO EDUCATIONAL EVENT	ISS Ku		07/ 17:20	06:40 AM	07:40 AM	11:40
125	MISSION STATUS BRIEFING	JSC		07/ 20:10	09:30 AM	10:30 AM	14:30
125	ATLANTIS CREW OFF DUTY PERIOD			07/ 20:45	10:05 AM	11:05 AM	15:05
129	ISS CREW SLEEP BEGINS			08/ 02:00	03:20 PM	04:20 PM	20:20
129	ATLANTIS CREW SLEEP BEGINS			08/ 02:30	03:50 PM	04:50 PM	20:50
129	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		08/ 02:40	04:00 PM	05:00 PM	21:00
131	HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 23)	JSC		08/ 05:40	07:00 PM	08:00 PM	00:00
134	ATLANTIS / ISS CREW WAKE UP (begins FD 10)			08/ 10:30	11:50 PM	12:50 AM	04:50

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
SUNDAY, MAY 23						
FD 10						
137	RENDEZVOUS TOOL CHECKOUT		08/ 14:50	04:10 AM	05:10 AM	09:10
138	JOINT CREW NEWS CONFERENCE	ISS Ku	08/ 16:10	05:30 AM	06:30 AM	10:30
139	FAREWELL AND HATCH CLOSURE		08/ 17:50	07:10 AM	08:10 AM	12:10
140	CENTERLINE CAMERA INSTALLATION AND ODS LEAK CHECK		08/ 18:35	07:55 AM	08:55 AM	12:55
141	ATLANTIS UNDOCKS FROM ISS		08/ 21:00	10:20 AM	11:20 AM	15:20
141	ATLANTIS FLYAROUND OF ISS BEGINS		08/ 21:25	10:45 AM	11:45 AM	15:45
142	ATLANTIS FINAL SEPARATION FROM ISS		08/ 22:43	12:03 PM	01:03 PM	17:03
142	SHUTTLE VTR PLAYBACK OF UNDOCKING		08/ 22:55	12:15 PM	01:15 PM	17:15
143	INTERPRETED REPLAY OF JOINT CREW NEWS CONFERENCE	JSC	08/ 23:40	01:00 PM	02:00 PM	18:00
144	MISSION STATUS BRIEFING	JSC	09/ 01:40	03:00 PM	04:00 PM	20:00
145	ATLANTIS CREW SLEEP BEGINS		09/ 02:30	03:50 PM	04:50 PM	20:50
145	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 02:40	04:00 PM	05:00 PM	21:00
147	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 24)	JSC	09/ 05:40	07:00 PM	08:00 PM	00:00
150	ATLANTIS / ISS CREW WAKE UP (begins FD 11)		09/ 10:30	11:50 PM	12:50 AM	04:50
MONDAY, MAY 24						
FD 11						
154	RMS/OBSS LATE INSPECTION OF ATLANTIS' TPS		09/ 15:50	05:10 AM	06:10 AM	10:10
156	MISSION STATUS BRIEFING	JSC	09/ 19:40	09:00 AM	10:00 AM	14:00

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
157	OBSS BERTH		09/ 21:05	10:25 AM	11:25 AM	15:25
158	VIDEO FILE	HQ	09/ 22:40	12:00 PM	01:00 PM	17:00
160	MMT BRIEFING	JSC	10/ 01:40	03:00 PM	04:00 PM	20:00
160	ATLANTIS CREW SLEEP BEGINS		10/ 02:00	03:20 PM	04:20 PM	20:20
161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 02:40	04:00 PM	05:00 PM	21:00
163	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 24)	JSC	10/ 05:40	07:00 PM	08:00 PM	00:00
165	ATLANTIS CREW WAKE UP (begins FD 12)		10/ 10:00	11:20 PM	12:20 AM	04:20
TUESDAY, MAY 25						
FD 12						
168	FCS CHECKOUT		10/ 13:10	02:30 AM	03:30 AM	07:30
168	CABIN STOWAGE BEGINS		10/ 13:25	02:45 AM	03:45 AM	07:45
168	RCS HOT-FIRE TEST		10/ 14:20	03:40 AM	04:40 AM	08:40
170	THE COLBERT REPORT / ABC RADIO NETWORK / WEWS-TV INTERVIEWS	TDRE	10/ 17:40	07:00 AM	08:00 AM	12:00
171	* STS-131 CREW PRESENTATION (NASA TV Public #101 & Education #102 Channels only through 2p.m. CT; STS-132 mission coverage continues on Media Channel #103)	HQ	10/ 18:40	08:00 AM	09:00 AM	13:00
172	MISSION STATUS BRIEFING	JSC	10/ 19:40	09:00 AM	10:00 AM	14:00
173	* NASA CHIEF TECHNOLOGIST BOBBY BRAUN ALL-HANDS MEETING ON NASA'S NEW TECHNOLOGY PROGRAM (NASA TV Public Channel #101 only; STS-132 mission coverage continues on Media Channel #103)	HQ	10/ 21:40	11:00 AM	12:00 PM	16:00
174	KU-BAND ANTENNA STOWAGE		10/ 22:50	12:10 PM	01:10 PM	17:10

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
175	VIDEO FILE	HQ	11/ 00:40	02:00 PM	03:00 PM	19:00
176	ATLANTIS CREW SLEEP BEGINS		11/ 02:00	03:20 PM	04:20 PM	20:20
176	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/ 02:40	04:00 PM	05:00 PM	21:00
178	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays from 5:00am CT - 4:00pm CT on May 25)	JSC	11/ 05:40	07:00 PM	08:00 PM	00:00
181	ATLANTIS CREW WAKE UP (begins FD 13)		11/ 10:00	11:20 PM	12:20 AM	04:20
WEDNESDAY, MAY 26						
FD 13						
183	ATLANTIS DEORBIT PREPARATIONS BEGIN		11/ 13:20	02:40 AM	03:40 AM	07:40
184	PAYLOAD BAY DOOR CLOSING		11/ 14:45	04:05 AM	05:05 AM	09:05
186	ATLANTIS DEORBIT BURN		11/ 17:25	06:45 AM	07:45 AM	11:45
187	MILA C-BAND RADAR ACQUISITION OF ATLANTIS		11/ 18:15	07:35 AM	08:35 AM	12:35
187	KSC LANDING	KSC	11/ 18:28	07:48 AM	08:48 AM	12:48
	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-132 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC		~ L+3.5 HRS.		
	STS-132 CREW NEWS CONFERENCE (may be postponed or cancelled)	KSC		NET L+4.5 HRS.		

ORBIT SUBJECT SITE MET CDT EDT GMT

DEFINITION OF TERMS

- AMC: Americom Satellite
- CDT: Central Daylight Time
- Destiny: U.S. Laboratory on ISS
- EMU: Extravehicular Mobility Unit
- EOTP: Enhanced ORU Temporary Platform
- EST: 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
- JPL: Jet Propulsion Laboratory, Pasadena, CA
- JSC: Johnson Space Center
- Kibo: Japanese Pressurized Module
- KSC: Kennedy Space Center
- L: Launch or Landing time
- LDRI: Laser Dynamic Range Imager
- LIMO: Live Interview Media Outlet channel
- 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
- MRM-1: Mini Research Module 1 (new docking port on ISS)
- MS: Mission Specialist
- NET: No Earlier Than
- OBSS: Orbiter Boom Sensor System
- ODS: Orbiter Docking System
- OMS: Orbital Maneuvering System
- ORU: Orbital Replacement Unit
- P6: Port Six Truss Segment
- PAO: Public Affairs office
- PDGF: Power Data Grapple Fixture
- PMA-3: Pressurized Mating Adapter 3
- POA: Payload ORU Accomodation
- RCS: Reaction Control System
- RPM: Rendezvous Pitch Maneuver
- SGANT: Space-to-Ground Antenna
- SRMS: Shuttle Remote Manipulator System on Atlantis
- SSRMS: Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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					
WLE:	Wing Leading Edge					
Zvezda:	Russian Service Module of ISS					