
NASA TELEVISION SCHEDULE

STS-119 / ISS 15A

S6 TRUSS

REV I

3/20/09

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/shuttletv>

Launch occurred at 6:43pm CT (7:43pm ET) on Sunday, March 15th, 2009.

An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	CDT	EDT	GMT
FRIDAY, MARCH 20					
FD 5 / FD 6					
81	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	05/ 01:00	07:43 PM	08:43 PM 00:43
82	EVA # 2 CAMPOUT BEGINS (Swanson & Acaba)		05/ 02:25	09:08 PM	10:08 PM 02:08
82	ISS CREW SLEEP BEGINS		05/ 03:30	10:13 PM	11:13 PM 03:13
82	DISCOVERY CREW SLEEP BEGINS		05/ 04:00	10:43 PM	11:43 PM 03:43
83	FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	05/ 04:17	11:00 PM	12:00 AM 04:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT
SATURDAY, MARCH 21					
FD 6 / FD 7					
87	HIGH DEFINITION FLIGHT DAY 6 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105)	JSC	05/ 11:17	06:00 AM	07:00 AM 11:00
88	DISCOVERY / ISS CREW WAKE UP (begins FD 7)		05/ 12:00	06:43 AM	07:43 AM 11:43
88	EVA # 2 PREPARATIONS RESUME		05/ 12:35	07:18 AM	08:18 AM 12:18
91	EVA # 2 BEGINS (Swanson and Acaba)		05/ 17:00	11:43 AM	12:43 PM 16:43
92	* P6 BATTERY REMOVAL / REPLACEMENT PREPARATION		05/ 18:00	12:43 PM	01:43 PM 17:43
92	P3 NADIR UCCAS DEPLOY		05/ 19:00	01:43 PM	02:43 PM 18:43
93	KIBO GPS ANTENNA INSTALL / S1/P1 RADIATOR IMAGERY / Z1 PATCH PANEL RECONFIGURATION		05/ 20:15	02:58 PM	03:58 PM 19:58
94	S3 PAYLOAD ATTACHMENT SYSTEM DEPLOY		05/ 21:45	04:28 PM	05:28 PM 21:28
95	EVA #2 ENDS		05/ 23:30	06:13 PM	07:13 PM 23:13
96	MISSION STATUS BRIEFING	JSC	06/ 00:17	07:00 PM	08:00 PM 00:00
96	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	06/ 01:05	07:48 PM	08:48 PM 00:48
98	ISS CREW SLEEP BEGINS		06/ 03:00	09:43 PM	10:43 PM 02:43
98	DISCOVERY CREW SLEEP BEGINS		06/ 03:30	10:13 PM	11:13 PM 03:13
98	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	06/ 04:17	11:00 PM	12:00 AM 04:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT	
SUNDAY, MARCH 22						
FD 7 / FD 8						
103	HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105)	JSC	06/ 11:17	06:00 AM	07:00 AM	11:00
103	DISCOVERY / ISS CREW WAKE UP (begins FD 8)		06/ 11:30	06:13 AM	07:13 AM	11:13
105	* CREW OFF DUTY PERIOD BEGINS		06/ 14:35	09:18 AM	10:18 AM	14:18
110	U.S. PAO EVENT WITH CNN ESPANOL / CBS / WOFL-TV, ORLANDO FL	ISS Ku	06/ 21:45	04:28 PM	05:28 PM	21:28
110	MISSION STATUS BRIEFING	JSC	06/ 22:17	05:00 PM	06:00 PM	22:00
111	EVA # 3 CREW PROCEDURE REVIEW		06/ 23:30	06:13 PM	07:13 PM	23:13
112	MT TRANSLATION FROM WORKSITE 1 TO WORKSITE 4		07/ 01:00	07:43 PM	08:43 PM	00:43
112	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	07/ 01:15	07:58 PM	08:58 PM	00:58
112	EVA # 3 CAMPOUT BEGINS (Acaba & Arnold)		07/ 01:25	08:08 PM	09:08 PM	01:08
113	ISS CREW SLEEP BEGINS		07/ 02:30	09:13 PM	10:13 PM	02:13
113	DISCOVERY CREW SLEEP BEGINS		07/ 03:00	09:43 PM	10:43 PM	02:43
113	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	07/ 03:17	10:00 PM	11:00 PM	03:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT	
MONDAY, MARCH 23						
FD 8 / FD 9						
119	DISCOVERY / ISS CREW WAKE UP (begins FD 9)		07/ 11:00	05:43 AM	06:43 AM	10:43
119	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105)	JSC	07/ 11:17	06:00 AM	07:00 AM	11:00
119	EVA # 3 PREPARATIONS RESUME		07/ 11:35	06:18 AM	07:18 AM	11:18
121	EXPEDITION 19/ SPACEFLIGHT PARTICIPANT PRELAUNCH ACTIVITIES & SOYUZ ROCKET INTEGRATION AT BAIKONUR COSMODROME VIDEO FILE	JSC	07/ 14:17	09:00 AM	10:00 AM	14:00
122	EVA # 3 BEGINS (Acaba and Arnold)		07/ 16:00	10:43 AM	11:43 AM	15:43
122	EVA # 3 CETA CART RELOCATION FROM P1 TO S1 TRUSS BEGINS		07/ 16:50	11:33 AM	12:33 PM	16:33
123	SSRMS LEE-B SNARE REPAIR & LUBRICATION/ SO REMOTE POWER CONTROL MODULE REPLACEMENT / S1 TRUSS CONNECTOR & FLUID JUMPER TASKS		07/ 18:00	12:43 PM	01:43 PM	17:43
124	S1/P1 RADIATOR IMAGERY		07/ 19:45	02:28 PM	03:28 PM	19:28
126	EVA # 3 ENDS		07/ 22:30	05:13 PM	06:13 PM	22:13
127	MISSION STATUS BRIEFING	JSC	07/ 23:17	06:00 PM	07:00 PM	23:00
127	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	08/ 00:30	07:13 PM	08:13 PM	00:13
128	ISS CREW SLEEP BEGINS		08/ 02:00	08:43 PM	09:43 PM	01:43
128	* VIDEO FILE	HQ	08/ 02:17	09:00 PM	10:00 PM	02:00
129	DISCOVERY CREW SLEEP BEGINS		08/ 02:30	09:13 PM	10:13 PM	02:13

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
130	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	08/ 03:17	10:00 PM	11:00 PM	03:00
TUESDAY, MARCH 24						
FD 9 / FD 10						
134	DISCOVERY / ISS CREW WAKE UP (begins FD 10)		08/ 10:30	05:13 AM	06:13 AM	10:13
134	HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 8am and 10am CT)	JSC	08/ 11:17	06:00 AM	07:00 AM	11:00
137	DISCOVERY / ISS TRANSFERS RESUME		08/ 13:50	08:33 AM	09:33 AM	13:33
138	EXPEDITION 19/SPACEFLIGHT PARTICIPANT PRELAUNCH ACTIVITIES AND SOYUZ TMA-14 ROLLOUT TO LAUNCH PAD AT BAIKONUR COSMODROME VIDEO FILE	JSC	08/ 16:17	11:00 AM	12:00 PM	16:00
138	* JOINT CREW NEWS CONFERENCE	ISS Ku	08/ 16:25	11:08 AM	12:08 PM	16:08
139	* JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	08/ 17:47	12:30 PM	01:30 PM	17:30
139	* CREW OFF DUTY PERIOD BEGINS		08/ 18:25	01:08 PM	02:08 PM	18:08
140	MISSION STATUS BRIEFING	JSC	08/ 19:47	02:30 PM	03:30 PM	19:30
142	* VIDEO FILE	HQ	08/ 21:17	04:00 PM	05:00 PM	21:00
142	* RENDEZVOUS TOOLS CHECK-OUT		08/ 22:15	04:58 PM	05:58 PM	21:58
144	ISS CREW SLEEP BEGINS		09/ 02:00	08:43 PM	09:43 PM	01:43
144	DISCOVERY SLEEP BEGINS		09/ 02:30	09:13 PM	10:13 PM	02:13
145	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 03:17	10:00 PM	11:00 PM	03:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT
WEDNESDAY, MARCH 25					
FD 10 / FD 11					
150	DISCOVERY / ISS CREW WAKE UP (begins FD 11)		09/ 10:30	05:13 AM	06:13 AM 10:13
150	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 8am and 10am CT)	JSC	09/ 11:17	06:00 AM	07:00 AM 11:00
154	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT FINAL PRELAUNCH NEWS CONFERENCE / RUSSIAN STATE COMMISSION REPLAY VIDEO FILE	JSC	09/ 16:17	11:00 AM	12:00 PM 16:00
141	* FAREWELL AND HATCH CLOSURE		09/ 17:05	11:48 AM	12:48 PM 16:48
142	* ODS HATCH LEAK CHECK		09/ 17:50	12:33 PM	01:33 PM 17:33
156	* DISCOVERY UNDOCKS FROM ISS		09/ 20:10	02:53 PM	03:53 PM 19:53
156	* DISCOVERY FLYAROUND BEGINS		09/ 20:35	03:18 PM	04:18 PM 20:18
157	* DISCOVERY FINAL SEPARATION FROM ISS		09/ 21:54	04:37 PM	05:37 PM 21:37
157	* VTR PLAYBACK OF UNDOCKING AND FLYAROUND		09/ 22:45	05:28 PM	06:28 PM 22:28
158	* JAXA PAO EVENT	ISS Ku	09/ 23:25	06:08 PM	07:08 PM 23:08
158	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	10/ 00:00	06:43 PM	07:43 PM 23:43
159	JAXA PAO EVENT REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 01:17	08:00 PM	09:00 PM 01:00
160	* VIDEO FILE	HQ	10/ 02:17	09:00 PM	10:00 PM 02:00
160	DISCOVERY CREW SLEEP BEGINS		10/ 02:30	09:13 PM	10:13 PM 02:13
161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 03:17	10:00 PM	11:00 PM 03:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT
THURSDAY, MARCH 26					
FD 11 / FD 12					
165	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT PRELAUNCH B-ROLL FEED	BAIK / JSC	10/ 10:17	05:00 AM	06:00 AM 10:00
165	DISCOVERY CREW WAKE UP (begins FD 12; will be replayed following Expedition 19/ Spaceflight Participant launch coverage)		10/ 10:30	05:13 AM	06:13 AM 10:13
166	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 8am and 10am CT)	JSC	10/ 11:17	06:00 AM	07:00 AM 11:00
166	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT LAUNCH COVERAGE BEGINS (launch scheduled at 6:49am CT)	BAIK / JSC	10/ 11:17	06:00 AM	07:00 AM 11:00
167	* OBSS UNBERTH		10/ 13:30	08:13 AM	09:13 AM 13:13
168	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT POST-LAUNCH VIDEO FILE	JSC	10/ 14:17	09:00 AM	10:00 AM 14:00
168	* RMS / OBSS LATE INSPECTION OF DISCOVERY'S TPS BEGINS		10/ 14:45	09:28 AM	10:28 AM 14:28
171	* OBSS BERTH IN DISCOVERY'S PAYLOAD BAY		10/ 19:00	01:43 PM	02:43 PM 18:43
171	MISSION STATUS / POST MMT BRIEFING	JSC	10/ 19:47	02:30 PM	03:30 PM 19:30
171	* VIDEO FILE	HQ	10/ 20:47	03:30 PM	04:30 PM 20:30
175	DISCOVERY CREW SLEEP BEGINS		11/ 01:30	08:13 PM	09:13 PM 01:13
176	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/ 02:17	09:00 PM	10:00 PM 02:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT	
FRIDAY, MARCH 27						
FD 12 / FD 13						
180	DISCOVERY / ISS CREW WAKE UP (begins FD 13)		11/ 09:30	04:13 AM	05:13 AM	09:13
181	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (pending availability;on NASA-TV HD Channel #105; replayed at 8am and 10am CT)	JSC	11/ 11:17	06:00 AM	07:00 AM	11:00
182	CABIN STOWAGE BEGINS		11/ 12:45	07:28 AM	08:28 AM	12:28
183	* FCS CHECKOUT		11/ 14:00	08:43 AM	09:43 AM	13:43
184	* RCS HOT-FIRE TEST		11/ 15:10	09:53 AM	10:53 AM	14:53
185	U.S. PAO HAWAII EDUCATIONAL EVENT	TDRE	11/ 17:05	11:48 AM	12:48 PM	16:48
186	CREW DEORBIT PREPARATION BRIEFING		11/ 17:25	12:08 PM	01:08 PM	17:08
186	VIDEO FILE	HQ	11/ 18:47	01:30 PM	02:30 PM	18:30
187	MISSION STATUS BRIEFING	JSC	11/ 19:47	02:30 PM	03:30 PM	19:30
188	MAGNUS' RECUMBENT SEAT SET UP / CREW CHOICE DOWNLINK OPPORTUNITY		11/ 20:30	03:13 PM	04:13 PM	20:13
189	KU-BAND ANTENNA STOWAGE		11/ 22:55	05:38 PM	06:38 PM	22:38
191	DISCOVERY CREW SLEEP BEGINS		12/ 01:30	08:13 PM	09:13 PM	01:13
192	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	12/ 02:17	09:00 PM	10:00 PM	02:00

ORBIT	SUBJECT	SITE	CDT	EDT	GMT	
SATURDAY, MARCH 28						
FD 13 / FD 14						
196	DISCOVERY CREW WAKE UP (begins FD 14)		12/ 09:30	04:13 AM	05:13 AM	09:13
198	DEORBIT PREPARATION BEGINS		12/ 12:55	07:38 AM	08:38 AM	12:38
199	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT SOYUZ DOCKING COVERAGE BEGINS (docking scheduled at 8:14am CT)	MCC-M / JSC	12/ 13:02	07:45 AM	08:45 AM	12:45
199	PAYLOAD BAY DOOR CLOSING		12/ 14:16	08:59 AM	09:59 AM	13:59
201	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT SOYUZ HATCH OPENING COVERAGE BEGINS (hatch opening scheduled at 11:10am CT)	MCC-M / JSC	12/ 16:02	10:45 AM	11:45 AM	15:45
201	DEORBIT BURN		12/ 16:56	11:39 AM	12:39 PM	16:39
202	MILA C-BAND RADAR ACQUISITION OF DISCOVERY		12/ 17:46	12:29 PM	01:29 PM	17:29
202	KSC LANDING	KSC	12/ 17:59	12:42 PM	01:42 PM	17:42
	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT POST-DOCKING VIDEO FILE	JSC	12/ 18:17	01:00 PM	02:00 PM	18:00
	STS-119 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-119 MISSION HIGHLIGHTS VIDEO REPLAY (Replayed after Flight Control Team Video)	JSC		~ L+3.5 HRS		
	STS-119 CREW POST-LANDING NEWS CONFERENCE (CDR and available crewmembers; Magnus not available)	KSC		~ L+5.5 HRS		

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
	VIDEO B-ROLL OF MAGNUS IN CREW QUARTERS (pending availability)	KSC	NET L+6.5 HRS		

DEFINITION OF TERMS

- AMC: Americom Satellite
- BAIK: Baikonur Cosmodrome, Kazakhstan
- BGA: Beta Gimbal Assembly
- CETA: Crew Equipment Translation Aid
- CSA: Canadian Space Agency
- CST: Central Standard Time
- Destiny: U.S. Laboratory on ISS
- ECU: Electronic Control Unit
- EMU: Extravehicular Mobility Unit
- ESA: European Space Agency
- EST: Eastern Standard Time
- EVA: Extravehicular Activity
- FCS: Flight Control System
- FD: Flight Day
- FHRC: Flex Hose Rotary Coupler
- GLACIER: General Laboratory Active Cryogenic ISS Equipment
- GMT: Greenwich Mean Time
- GSFC: Goddard Space Flight Center
- Harmony: Connecting Node 2 on ISS
- HD: High Definition Television
- HQ: NASA Headquarters
- ISS: International Space Station
- JAXA: Japan Aerospace and Exploration Agency
- JLP: Japanese Logistics Module - Pressurized Section
- JSC: Johnson Space Center
- KIBO: Japanese Pressurized Module
- KSC: Kennedy Space Center
- L: Launch or Landing time
- LEE: Latching End-Effector
- LIMO: Live Interview Media Outlet channel

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
MBS:	Mobile Base System				
MCC-M	Mission Control, Moscow				
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				
MLI:	Multi-Layer Insulation				
MMT:	Mission Management Team				
MS:	Mission Specialist				
MT:	Mobile Transporter				
NET:	No Earlier Than				
OBSS:	Orbiter Boom Sensor System				
ODS:	Orbiter Docking System				
OMS:	Orbital Maneuvering System				
P1:	Port One Truss Segment				
P3:	Port Three Truss Segment				
P6:	Port Six Truss Segment				
PAO:	Public Affairs office				
PAS:	Payload Attach System				
PDGF:	Power & Data Grapple Fixture				
PVR:	Photovoltaic Radiator				
Quest:	U.S. Airlock on ISS				
RCS:	Reaction Control System				
RMS:	Remote Manipulator System on Endeavour				
RPCM:	Remote Power Control Module				
RPM:	Rendezvous Pitch Maneuver				
SABB:	Solar Array Blanket Box on S6 Truss				
SAW	Solar Array Wing				
S0:	Starboard Zero Truss Segment				
S1:	Starboard One Truss Segment				
S3:	Starboard Three Truss Segment				
S5:	Starboard Five Truss Segment				
S6:	Starboard Six Truss Segment				
SARJ:	Solar Alpha Rotary Joint				
SPDM:	Special Purpose Dextrous Manipulator (aka "Dextre")				
SRMS:	Shuttle Remote Manipulator System				
SSRMS:	Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)				
SSU:	Sequential Shunt Unit				
STS:	Space Transportation System				
TI:	Terminal Initiation Rendezvous Maneuver				

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes				
TPS:	Thermal Protection System				
UCCAS:	Unpressurized Cargo Carrier Attachment System				
Unity:	Connecting Node 1 on ISS				
VAFB:	Vandenberg Air Force Base, CA				
VTR:	Videotape Recorder				
WLE:	Wing Leading Edge				
Z1:	Zenith One Truss				