
NASA TELEVISION SCHEDULE

STS-119 / ISS 15A

S6 TRUSS

REV K

3/22/09

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
SUNDAY, MARCH 22					
FD 7 / FD 8					
110	* U.S. PAO EVENT WITH CNN ESPANOL / CBS / WOFL-TV, ORLANDO FL	ISS Ku	06/ 22:31	05:14 PM	06:14 PM 22:14
110	MISSION STATUS BRIEFING	JSC	06/ 23:02	05:45 PM	06:45 PM 22:45
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/ 01:01	07:44 PM	08:44 PM 00:44
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

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
113	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	07/	03:17	10:00 PM	11:00 PM	03:00
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/	11:36	06:19 AM	07:19 AM	11:19
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	* P3 NADIR UCCAS DEPLOYMENT		07/	17:50	12:33 PM	01:33 PM	17:33
125	* S3 PAS DEPLOYMENTS		07/	20:15	02:58 PM	03:58 PM	19:58
125	* SSRMS LEE-B SNARE REPAIR & LUBRICATION / Z1 PATCH PANEL RECONFIGURATION		07/	21:15	03:58 PM	04:58 PM	20:58
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

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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
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	EXPEDITION 19/SPACEFLIGHT PARTICIPANT PRELAUNCH ACTIVITIES AND SOYUZ TMA-14 ROLLOUT TO LAUNCH PAD AT BAIKONUR COSMODROME VIDEO FILE	JSC	08/	15:17	10:00 AM	11:00 AM	15:00
138	JOINT CREW NEWS CONFERENCE	ISS Ku	08/	17:23	12:06 PM	01:06 PM	17:06
139	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	08/	18:17	01:00 PM	02:00 PM	18:00
139	CREW OFF DUTY PERIOD BEGINS		08/	18:25	01:08 PM	02:08 PM	18:08
140	MISSION STATUS BRIEFING	JSC	08/	20:17	03:00 PM	04:00 PM	20:00
141	VIDEO FILE	HQ	08/	21:17	04:00 PM	05:00 PM	21:00
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
153	* EXPEDITION 19 / SPACEFLIGHT PARTICIPANT FINAL PRELAUNCH NEWS CONFERENCE / RUSSIAN STATE COMMISSION REPLAY VIDEO FILE	JSC	09/ 14:17	09:00 AM	10:00 AM 14:00
153	RENDEZVOUS TOOLS CHECK-OUT		09/ 15:10	09:53 AM	10:53 AM 14:53
154	FAREWELL AND HATCH CLOSURE		09/ 17:10	11:53 AM	12:53 PM 16:53
154	CENTERLINE CAMERA INSTALLATION / ODS HATCH LEAK CHECK		09/ 17:55	12:38 PM	01:38 PM 17:38
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	MISSION STATUS BRIEFING	JSC	09/ 22:17	05:00 PM	06:00 PM 22:00
157	VTR PLAYBACK OF UNDOCKING AND FLYAROUND		09/ 22:45	05:28 PM	06:28 PM 22:28
158	CREW CHOICE DOWNLINK OPPORTUNITY	TDRW	10/ 00:00	06:43 PM	07:43 PM 23:43
159	* JAXA PAO EVENT	ISS Ku	10/ 00:21	07:04 PM	08:04 PM 00:04
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

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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
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	MISSION STATUS BRIEFING	JSC	10/	19:47	02:30 PM	03:30 PM	19:30
172	OBSS BERTH IN DISCOVERY'S PAYLOAD BAY		10/	20:00	02:43 PM	03:43 PM	19:43
172	VIDEO FILE	HQ	10/	20:47	03:30 PM	04:30 PM	20:30

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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
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/	20:17	03:00 PM	04:00 PM	20:00
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/ 14:17	09:00 AM	10:00 AM 14:00
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/ 16:57	11:40 AM	12:40 PM 16:40
202	* MILA C-BAND RADAR ACQUISITION OF DISCOVERY		12/ 17:48	12:31 PM	01:31 PM 17:31
202	* KSC LANDING	KSC	12/ 18:01	12:44 PM	01:44 PM 17:44
	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	
	VIDEO B-ROLL OF MAGNUS IN CREW QUARTERS (pending availability)	KSC		NET L+6.5 HRS	

ORBIT

SUBJECT

SITE

CDT

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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

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

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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 Dexterous 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				
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes				
TPS:	Thermal Protection System				
UCCAS:	Unpressurized Cargo Carrier Attachment System				
UPA:	Urine Processor Assembly				
Unity:	Connecting Node 1 on ISS				
VAFB:	Vandenberg Air Force Base, CA				

ORBIT

VTR:
WLE:
Z1:

Videotape Recorder
Wing Leading Edge
Zenith One Truss

SUBJECT

SITE

CDT

EDT

GMT