
NASA TELEVISION SCHEDULE

STS-119 / ISS 15A

S6 TRUSS

REV H

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/multimedia/nasatv/mission_schedule.html

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					
73	VIDEO FILE	HQ	04/ 12:47	07:30 AM	08:30 AM 12:30
74	SAW DEPLOY		04/ 15:05	09:48 AM	10:48 AM 14:48
74	S6 1B SOLAR ARRAY DEPLOY TO 49%		04/ 15:15	09:58 AM	10:58 AM 14:58
74	S6 1B SOLAR ARRAY DEPLOY TO 100%		04/ 16:00	10:43 AM	11:43 AM 15:43
75	S6 3B SOLAR ARRAY DEPLOY TO 49%		04/ 16:45	11:28 AM	12:28 PM 16:28
75	EARTH / SUN PROGRAM (Education Channel only)	GSFC	04/ 17:17	12:00 PM	01:00 PM 17:00
75	S6 3B SOLAR ARRAY DEPLOY TO 100%		04/ 17:30	12:13 PM	01:13 PM 17:13
76	* U.S. PAO EVENT WITH THE PITTSBURGH POST-GAZETTE / REUTERS / VOICE OF AMERICA	TDRW	04/ 18:20	01:03 PM	02:03 PM 18:03

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
77	DISCOVERY / ISS TRANSFERS RESUME		04/	19:30	02:13 PM	03:13 PM	19:13
78	MISSION STATUS / POST MMT BRIEFING	JSC	04/	21:47	04:30 PM	05:30 PM	21:30
78	* URINE PROCESSOR ASSEMBLY DISTILLATION ASSEMBLY REPLACEMENT		04/	21:50	04:33 PM	05:33 PM	21:33
80	EVA # 2 PROCEDURE REVIEW		05/	00:00	06:43 PM	07:43 PM	23:43
80	EARTH / SUN PROGRAM REPLAY (Public & Media Channels only)	GSFC	05/	00:17	07:00 PM	08:00 PM	00:00
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

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
91	P6 BATTERY REMOVAL / REPLACEMENT PREPARATION		05/	17:50	12:33 PM	01:33 PM	17:33

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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

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
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

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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
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

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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
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	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/	17:25	12:08 PM	01:08 PM	17:08
139	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	08/	18:47	01:30 PM	02:30 PM	18:30
140	CREW OFF DUTY TIME		08/	19:25	02:08 PM	03:08 PM	19:08
140	MISSION STATUS BRIEFING	JSC	08/	19:47	02:30 PM	03:30 PM	19:30
141	FAREWELL AND HATCH CLOSURE		08/	21:25	04:08 PM	05:08 PM	21:08
142	ODS HATCH LEAK CHECK		08/	22:10	04:53 PM	05:53 PM	21:53

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
142	CENTERLINE CAMERA INSTALLATION		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
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
152	DISCOVERY UNDOCKS FROM ISS		09/ 14:04	08:47 AM	09:47 AM	13:47
152	DISCOVERY FLYAROUND BEGINS		09/ 14:29	09:12 AM	10:12 AM	14:12
153	DISCOVERY FINAL SEPARATION FROM ISS		09/ 15:47	10:30 AM	11:30 AM	15:30
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
154	OBSS UNBERTH		09/ 17:25	12:08 PM	01:08 PM	17:08
155	VTR PLAYBACK OF UNDOCKING AND FLYAROUND		09/ 17:40	12:23 PM	01:23 PM	17:23
155	RMS / OBSS LATE INSPECTION OF DISCOVERY'S TPS BEGINS		09/ 18:40	01:23 PM	02:23 PM	18:23
156	MISSION STATUS BRIEFING	JSC	09/ 19:47	02:30 PM	03:30 PM	19:30

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
157	OBSS BERTH IN DISCOVERY'S PAYLOAD BAY		09/	22:55	05:38 PM	06:38 PM	22:38
158	JAXA PAO EVENT	ISS Ku	09/	23:27	06:10 PM	07:10 PM	23:10
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	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
168	DISCOVERY CREW OFF DUTY PERIOD		10/	14:00	08:43 AM	09:43 AM	13:43
168	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT POST-LAUNCH VIDEO FILE	JSC	10/	14:17	09:00 AM	10:00 AM	14:00
171	MISSION STATUS / POST MMT BRIEFING	JSC	10/	19:47	02:30 PM	03:30 PM	19:30

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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/	13:30	08:13 AM	09:13 AM	13:13
184	RCS HOT-FIRE TEST		11/	14:40	09:23 AM	10:23 AM	14:23
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		

ORBIT

SUBJECT

SITE

CDT

EDT

GMT

VIDEO B-ROLL OF MAGNUS IN CREW QUARTERS
(pending availability)

KSC

NET L+6.5 HRS

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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				
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