NASA TELEVISION SCHEDULE STS-119 / ISS 15A S6 TRUSS REV R 3/27/09

Standard-Definition NASA TV satellite coordinates are available at: http://www1.pasa.gov/multimedia/pasaty/digital.html. High-Definition NASA TV Channel #105 is

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

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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.

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>			<u>CDT</u>	<u>EDT</u>	<u>GMT</u>		
FRIDAY, MARCH 27									
FD 12 / FD 13									
183	FCS CHECKOUT		11/ 1	14:00	08:43 AM	09:43 AM	13:43		
184	RCS HOT-FIRE TEST		11/ 1	15:15	09:58 AM	10:58 AM	14:58		
185	CREW DEORBIT PREPARATION BRIEFING		11/ 1	16:50	11:33 AM	12:33 PM	16:33		
185	U.S. PAO HAWAII EDUCATIONAL EVENT	TDRE	11/ 1	17:20	12:03 PM	01:03 PM	17:03		
186	VIDEO FILE	HQ	11/ 1	18:47	01:30 PM	02:30 PM	18:30		
187	MISSION STATUS BRIEFING	JSC	11/ 2	20:17	03:00 PM	04:00 PM	20:00		
188	MAGNUS' RECUMBENT SEAT SET UP		11/ 2	20:30	03:13 PM	04:13 PM	20:13		
188	* SIMPLEX BURN		11/ 2	20:31	03:14 PM	04:14 PM	20:14		
		I		I	l				

<u>ORBIT</u> 189	<u>SUBJECT</u> KU-BAND ANTENNA STOWAGE	<u>SITE</u>	11/	22:55	<u>CDT</u> 05:38 PM	<u>EDT</u> 06:38 PM	<u>GMT</u> 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			
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/	12:50	07:33 AM	08:33 AM	12:33			
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/	14:10	08:53 AM	09:53 AM	13:53			
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/	16:50	11:33 AM	12:33 PM	16:33			
202 *	MILA C-BAND RADAR ACQUISITION OF DISCOVERY		12/	17:47	12:30 PM	01:30 PM	17:30			
202	KSC LANDING	KSC	12/	17:56	12:39 PM	01:39 PM	17:39]		
	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					

<u>ORBIT</u>	SUBJECT	SITE	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>	
*	EXPEDITION 19 / SPACEFLIGHT PARTICIPANT POST- DOCKING VIDEO FILE	JSC	~ L+4.5 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			

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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 U.S. Laboratory on ISS Destiny: 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

ORBIT SUBJECT SITE CDT EDT GMT

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

PDGF: Power & Data Grapple Fixture

Payload Attach System

PVR: Photovoltaic Radiator
Quest: U.S. Airlock on ISS
RCS: Reaction Control System

PAS:

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

SIMPLEX: Shuttle Ionospheric Modification with Pulsed Localized Exhaust Experiments

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

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

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

ORBIT SUBJECT VAFB: Vandenberg Air Force Base, CA

VTR: Videotape Recorder WLE: Wing Leading Edge Z1: Zenith One Truss