
 NASA TELEVISION SCHEDULE
 STS-128 / ISS 17A
 LEONARDO MULTIPURPOSE LOGISTICS MODULE
 REV B
 8/26/09

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>

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
THURSDAY , AUGUST 27						
FD 1 / FD 2						
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00
	ARES 1 FIVE-SEGMENT SOLID ROCKET MOTOR TEST FIRING AT PROMONTORY, UTAH (Media Channel only)	HQ		01:30 PM	02:30 PM	18:30
	STS-128 FUELING COVERAGE BEGINS	KSC		1:45 PM	2:45 PM	18:45
	STS-128 LAUNCH COVERAGE BEGINS	KSC		6:00 PM	7:00 PM	23:00
	LAUNCH	KSC	00/ 00:00	11:22 PM	12:22 AM	04:22
	MECO		00/ 00:08	11:30 PM	12:30 AM	04:30
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/ 00:10	11:32 PM	12:32 AM	04:32
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/ 00:13	11:35 PM	12:35 AM	04:35
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/ 00:13	11:35 PM	12:35 AM	04:35
FRIDAY , AUGUST 28						

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
FD 2 / FD 3						
1	POST LAUNCH NEWS CONFERENCE	KSC	00/ 01:08	12:30 AM	01:30 AM	05:30
2	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/ 01:25	12:47 AM	01:47 AM	05:47
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/ 03:38	03:00 AM	04:00 AM	08:00
3	RMS CHECKOUT		00/ 04:15	03:37 AM	04:37 AM	08:37
4	RMS PAYLOAD BAY SURVEY		00/ 05:00	04:22 AM	05:22 AM	09:22
5	DISCOVERY CREW SLEEP BEGINS		00/ 06:30	05:52 AM	06:52 AM	10:52
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/ 06:38	06:00 AM	07:00 AM	11:00
8	VIDEO FILE	HQ	00/ 11:38	11:00 AM	12:00 PM	16:00
10	DISCOVERY CREW WAKE UP (begins FD 2)		00/ 14:30	01:52 PM	02:52 PM	18:52
	<i>A full schedule of mission events from Flight Day 02 through end-of-mission will be released in a NASA-TV Schedule after launch.</i>					

DEFINITION OF TERMS

ORBIT SUBJECT SITE MET CDT EDT GMT

AMC: Americom Satellite
ARS: Air Revitalization System
ATA: Ammonia Tank Assembly
CBM: Common Berthing Mechanism
CST: Central Standard Time
CHECS: Crew Health Care System
C.O.L.B.E.R.T. - Combined Operational Load Bearing External Resistance Treadmill
Destiny: U.S. Laboratory on ISS
EMU: Extravehicular Mobility Unit
EST: Eastern Standard Time
EUTEF: European Technology Exposure Facility
EVA: Extravehicular Activity
FCS: Flight Control System
FD: Flight Day
FIR: Fluids Integration Rack
GMT: Greenwich Mean Time
HARMONY: Node 2
HD: High Definition Television
HQ: NASA Headquarters
HYTHIRM: Hypersonic Thermodynamic Infrared Measurements
ISS: International Space Station
JSC: Johnson Space Center
KSC: Kennedy Space Center
L: Launch or Landing time
LIMO: Live Interview Media Outlet channel
LMC: Lightweight Mission Peculiar Equipment Support Structure Carrier
MECO: Main Engine Cut-Off
MELFI: Minus Eighty-Degree Laboratory Freezer for ISS
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
MISSE: Materials International Space Station Experiment
MMT: Mission Management Team
MPLM Multi-Purpose Logistics Module
MS: Mission Specialist
MSRR: Materials Science Research Rack
NET: No Earlier Than
OBSS: Orbiter Boom Sensor System
ODS: Orbiter Docking System
OMS: Orbital Maneuvering System
PAO: Public Affairs office
PAS: Payload Attachment System
RCS: Reaction Control System
RGA: Rate Gyro Assembly on ISS

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RMS:	Remote Manipulator System on Discovery					
RPCM:	Remote Power Control Module					
RPM:	Rendezvous Pitch Maneuver					
S0:	Starboard Zero Truss Segment					
S1:	Starboard One Truss Segment					
S3:	Starboard Three Truss Segment					
SSRMS:	Space Station Remote Manipulator System (Canadarm2 ISS Robotic Arm)					
STS:	Space Transportation System					
TI:	Terminal Initiation Rendezvous Maneuver					
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes					
TPS:	Thermal Protection System					
TRANQUILITY:	Future Node 3 on ISS					
Unity:	Connecting Node 1 on International Space Station					
VIP:	Very Important Person					
VTR:	Videotape Recorder					
WLE:	Wing Leading Edge					