NASA TELEVISION SCHEDULE STS-128 / ISS 17A LEONARDO MULTIPURPOSE LOGISTICS MODULE REV C 8/27/09

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>	SITE		<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>				
FRIDAY , AUGUST 28											
FD 1 / FD 2											
	STS-128 FUELING COVERAGE BEGINS	KSC			1:30 PM	2:30 PM	18:30				
	STS-128 LAUNCH COVERAGE BEGINS	KSC			5:30 PM	6:30 PM	22:30				
	LAUNCH	KSC	00/	00:00	10:59 PM	11:59 PM	03:59				
	MECO		00/	00:08	11:07 PM	12:07 AM	04:07				
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/	00:10	11:09 PM	12:09 AM	04:09				
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/	00:13	11:12 PM	12:12 AM	04:12				
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/	00:13	11:12 PM	12:12 AM	04:12				
SATURDAY , AUGUST 29											
FD 2 / FD 3											
1	POST LAUNCH NEWS CONFERENCE	KSC	00/	01:01	12:00 AM	01:00 AM	05:00				
2	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/	01:25	12:24 AM	01:24 AM	05:24				
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/	03:31	02:30 AM	03:30 AM	07:30				
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<u>ORBIT</u>	SUBJECT	SITE		<u>MET</u>	CDT	<u>EDT</u>	<u>GMT</u>	
3	RMS CHECKOUT		00/	04:15	03:14 AM	04:14 AM	08:14	
4	RMS PAYLOAD BAY SURVEY		00/	05:00	03:59 AM	04:59 AM	08:59	
5	DISCOVERY CREW SLEEP BEGINS		00/	06:30	05:29 AM	06:29 AM	10:29	
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/	07:01	06:00 AM	07:00 AM	11:00	
10	DISCOVERY CREW WAKE UP (begins FD 2)		00/	14:30	01:29 PM	02:29 PM	18:29	
	A full schedule of mission events from Flight Day 02 through end-of-mission will be released in a NASA-TV Schedule after launch.							

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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

ORBIT SUBJECT SITE MET CDT EDT GMT

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