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NASA TELEVISION SCHEDULE
STS-128 / ISS 17A
LEONARDO MULTIPURPOSE LOGISTICS MODULE
REV A
8/25/09

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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

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
	TUESDAY, AUGUST 25					
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00
	STS-128 FUELING COVERAGE BEGINS	KSC		2:30 PM	3:30 PM	19:30
	STS-128 LAUNCH COVERAGE BEGINS	KSC		7:00 PM	8:00 PM	0:00
	WEDNESDAY , AUGUST 26					
	FD 1 / FD 2					
	LAUNCH	KSC	00/ 00:00	12:10 AM	01:10 AM	05:10
	MECO		00/ 00:08	12:18 AM	01:18 AM	05:18
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/ 00:10	12:20 AM	01:20 AM	05:20
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/ 00:13	12:23 AM	01:23 AM	05:23
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/ 00:13	12:23 AM	01:23 AM	05:23
1	POST LAUNCH NEWS CONFERENCE	KSC	00/ 01:05	01:15 AM	02:15 AM	06:15
2	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/ 01:25	01:35 AM	02:35 AM	06:35

ORBIT	SUBJECT	SITE		MET	CDT	EDT	GMT
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/	03:50	04:00 AM	05:00 AM	09:00
3	RMS CHECKOUT		00/	04:15	04:25 AM	05:25 AM	09:25
4	RMS PAYLOAD BAY SURVEY		00/	05:00	05:10 AM	06:10 AM	10:10
5	DISCOVERY CREW SLEEP BEGINS		00/	06:30	06:40 AM	07:40 AM	11:40
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/	06:50	07:00 AM	08:00 AM	12:00
8	VIDEO FILE	HQ	00/	10:50	11:00 AM	12:00 PM	16:00
10	DISCOVERY CREW WAKE UP (begins FD 2)		00/	14:30	02:40 PM	03:40 PM	19:40
	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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DEFINITION OF TERMS

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					