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NASA TELEVISION SCHEDULE
STS-128 / ISS 17A
LEONARDO MULTIPURPOSE LOGISTICS MODULE
REV O
9/8/09

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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
Launch occurred at 10:59pm CT (11:59pm ET) on Friday, August 28th, 2009.
An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
TUESDAY, SEPTEMBER 8						
FD 12						
169	DISCOVERY UNDOCKS FROM ISS		10/ 15:27	02:26 PM	03:26 PM	19:26
168	DISCOVERY FLYAROUND OF ISS BEGINS		10/ 15:56	02:55 PM	03:55 PM	19:55
169	FINAL SEPARATION FROM ISS		10/ 17:10	04:09 PM	05:09 PM	21:09
169	POST MISSION MANAGEMENT TEAM BRIEFING	JSC	10/ 17:31	04:30 PM	05:30 PM	21:30
171	RMS / OBSS LATE INSPECTION OF DISCOVERY'S TPS BEGINS		10/ 18:00	04:59 PM	05:59 PM	21:59
172	MISSION STATUS BRIEFING	JSC	10/ 21:01	08:00 PM	09:00 PM	01:00
174	OBSS BERTH		10/ 23:30	10:29 PM	11:29 PM	03:29
WEDNESDAY, SEPTEMBER 9						
FD 12 / FD 13						
175	SHUTTLE VTR PLAYBACK OF UNDOCKING		11/ 01:10	12:09 AM	01:09 AM	05:09
176	DISCOVERY CREW SLEEP BEGINS		11/ 03:00	01:59 AM	02:59 AM	06:59

ORBIT	SUBJECT	SITE		MET	CDT	EDT	GMT
177	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/	03:01	02:00 AM	03:00 AM	07:00
179	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 9:00am CT and 10:00am CT)	JSC	11/	08:01	07:00 AM	08:00 AM	12:00
182	DISCOVERY CREW WAKE UP (begins FD 13)		11/	11:00	09:59 AM	10:59 AM	14:59
182	HUBBLE SPACE TELESCOPE EARLY RELEASE OBSERVATION NEWS CONFERENCE (NASA-TV Public Channel #101 only)	HQ	11/	11:06	10:05 AM	11:05 AM	15:05
182	STS-125 CREW NEWS CONFERENCE (NASA-TV Public Channel #101 only)	HQ	11/	12:01	11:00 AM	12:00 PM	16:00
183	VIDEO FILE	HQ	11/	13:01	12:00 PM	01:00 PM	17:00
183	CABIN STOWAGE BEGINS		11/	14:05	01:04 PM	02:04 PM	18:04
184	FCS CHECKOUT		11/	15:15	02:14 PM	03:14 PM	19:14
185	RCS HOT-FIRE TEST		11/	16:25	03:24 PM	04:24 PM	20:24
185	CBS NEWS / ABC NEWS / CNN LIVE INTERVIEWS	TDRE	11/	16:55	03:54 PM	04:54 PM	20:54
186	BOUNDARY LAYER TRANSITION / HYTHIRM BRIEFING	JSC	11/	20:01	07:00 PM	08:00 PM	00:00
188	MISSION STATUS BRIEFING	JSC	11/	21:01	08:00 PM	09:00 PM	01:00
189	KOPRA'S RECUMBENT SEAT SET UP		11/	22:30	09:29 PM	10:29 PM	02:29
190	KU-BAND ANTENNA STOWAGE		11/	23:50	10:49 PM	11:49 PM	03:49
THURSDAY, SEPTEMBER 10							
FD 13 / FD 14							
192	DISCOVERY CREW SLEEP BEGINS		12/	03:00	01:59 AM	02:59 AM	06:59
192	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	12/	03:01	02:00 AM	03:00 AM	07:00

ORBIT		SUBJECT	SITE		MET	CDT	EDT	GMT
195		HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 9:00am CT and 10:00am CT)	JSC	12/	08:01	07:00 AM	08:00 AM	12:00
197		DISCOVERY CREW WAKE UP (begins FD 14)		12/	11:00	09:59 AM	10:59 AM	14:59
198		HTV LAUNCH COVERAGE BEGINS (launch scheduled at 12:01pm CT)	JSC / TNSC	12/	12:46	11:45 AM	12:45 PM	16:45
198		BACK TO SCHOOL, BACK TO SCIENCE WEBCAST (NASA-TV Education Channel #102 only)	GSFC	12/	13:01	12:00 PM	01:00 PM	17:00
199		DEORBIT PREPARATIONS BEGIN		12/	14:05	01:04 PM	02:04 PM	18:04
200	*	ARES DEMONSTRATION MOTOR STATIC TEST FIRE (NASA TV Education Channel #102 only)	MSFC	12/	15:01	02:00 PM	03:00 PM	19:00
200		PAYLOAD BAY DOOR CLOSING		12/	15:20	02:19 PM	03:19 PM	19:19
200	*	POST-ARES DEMONSTRATION MOTOR STATIC TEST FIRE NEWS CONFERENCE (NASA TV Education Channel #102 only)	MSFC	12/	15:46	02:45 PM	03:45 PM	19:45
201		DEORBIT BURN		12/	18:00	04:59 PM	05:59 PM	21:59
202		MILA C-BAND RADAR ACQUISITION OF DISCOVERY		12/	18:53	05:52 PM	06:52 PM	22:52
202		KSC LANDING	KSC	12/	19:06	06:05 PM	07:05 PM	23:05
		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-128 MISSION HIGHLIGHTS VIDEO REPLAY (replayed after Entry Flight Control Team Video)	JSC			~ L+3.5 HRS.		

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
GPS: Global Positioning System
GSFC: Goddard Space Flight Center
HARMONY: Node 2
HD: High Definition Television
HQ: NASA Headquarters
HTV: Japanese H-II Transfer Vehicle
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
MSFC: Marshall Space Flight Center
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

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
PAS:	Payload Attachment System					
RCS:	Reaction Control System					
RGA:	Rate Gyro Assembly on ISS					
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					
TNSC:	Tanegashima Space Center, Japan					
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					