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NASA TELEVISION SCHEDULE
STS-127 / ISS 2 J/A
Kibo Experiment Logistics Module - Exposed Section/Exposed Facility
REV P
7/29/09

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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 5:03pm CT (6:03pm ET) on Wednesday, July 15th, 2009.
An asterisk (*) denotes changes made to the previous revision to the television schedule.

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
	WEDNESDAY, JULY 29					
	FD 15					
212	ENDEAVOUR CREW WAKE UP (begins FD 15)		13/ 09:00	02:03 AM	03:03 AM	07:03
214	OBSS UNBERTH		13/ 11:15	04:18 AM	05:18 AM	09:18
214	RMS / OBSS LATE INSPECTION OF ENDEAVOUR'S TPS BEGINS		13/ 12:30	05:33 AM	06:33 AM	10:33
215	HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replayed on the hour between 7:00am - 10:00am CT)	JSC	13/ 12:57	06:00 AM	07:00 AM	11:00
216	PROGRESS 34 DOCKING TO ISS		13/ 13:13	06:16 AM	07:16 AM	11:16
216	VIDEO FILE	HQ	13/ 14:57	08:00 AM	09:00 AM	13:00

ORBIT		SUBJECT	SITE	MET	CDT	EDT	GMT
216		AUGUSTINE HUMAN SPACE FLIGHT REVIEW COMMITTEE HEARING, HUNTSVILLE, AL (NASA-TV Media Channel #103 only)	HQ	13/ 14:57	08:00 AM	09:00 AM	13:00
220		OBSS BERTH IN ENDEAVOUR'S PAYLOAD BAY		13/ 17:45	10:48 AM	11:48 AM	15:48
220		MISSION STATUS BRIEFING	JSC	13/ 18:27	11:30 AM	12:30 PM	16:30
223		ENDEAVOUR CREW SLEEP BEGINS		14/ 00:00	05:03 PM	06:03 PM	22:03
223		FLIGHT DAY 15 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	14/ 00:57	06:00 PM	07:00 PM	23:00
223		HIGH DEFINITION FLIGHT DAY 15 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replays at 11:00pm CT and 12:00am CT)	JSC	14/ 02:57	08:00 PM	09:00 PM	01:00
THURSDAY, JULY 30							
FD 16							
228		ENDEAVOUR CREW WAKE UP (begins FD 16)		14/ 08:00	01:03 AM	02:03 AM	06:03
229		CABIN STOWAGE BEGINS		14/ 11:10	04:13 AM	05:13 AM	09:13
229		FCS CHECKOUT		14/ 11:25	04:28 AM	05:28 AM	09:28
230		RCS HOT-FIRE TEST		14/ 13:25	06:28 AM	07:28 AM	11:28
231		VIDEO FILE	HQ	14/ 13:27	06:30 AM	07:30 AM	11:30
231		AUGUSTINE HUMAN SPACE FLIGHT REVIEW COMMITTEE HEARING, COCOA BEACH, FL (NASA-TV Media Channel #103 only)	HQ	14/ 13:57	07:00 AM	08:00 AM	12:00
232		DRAGONSAT DEPLOYMENT		14/ 14:30	07:33 AM	08:33 AM	12:33
233	*	U.S. PAO EVENT WITH ABC NEWS / ASSOCIATED PRESS / KPIX-TV	TDRE	14/ 16:15	09:18 AM	10:18 AM	14:18

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT
233	CREW DEORBIT PREPARATION BRIEFING		14/ 16:35	09:38 AM	10:38 AM	14:38
235	MISSION STATUS BRIEFING	JSC	14/ 18:57	12:00 PM	01:00 PM	17:00
235	ANDE-2 DEPLOYMENT		14/ 19:19	12:22 PM	01:22 PM	17:22
235	WAKATA'S RECUMBENT SEAT SET UP		14/ 19:50	12:53 PM	01:53 PM	17:53
236	KU-BAND ANTENNA STOWAGE		14/ 20:55	01:58 PM	02:58 PM	18:58
236	POST-MMT BRIEFING	JSC	14/ 21:57	03:00 PM	04:00 PM	20:00
238	ENDEAVOUR CREW SLEEP BEGINS		15/ 00:00	05:03 PM	06:03 PM	22:03
238	FLIGHT DAY 16 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	15/ 00:57	06:00 PM	07:00 PM	23:00

ORBIT		SUBJECT	SITE	MET	CDT	EDT	GMT
FRIDAY, JULY 31							
FD 17							
244		ENDEAVOUR CREW WAKE UP (begins FD 17)		15/ 08:00	01:03 AM	02:03 AM	06:03
246		DEORBIT PREPARATIONS BEGIN		15/ 11:40	04:43 AM	05:43 AM	09:43
246		PAYLOAD BAY DOOR CLOSING		15/ 13:02	06:05 AM	07:05 AM	11:05
248		DEORBIT BURN		15/ 15:42	08:45 AM	09:45 AM	13:45
249	*	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		15/ 16:32	09:35 AM	10:35 AM	14:35
248	*	KSC LANDING	KSC	15/ 16:45	09:48 AM	10:48 AM	14:48
		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-127 MISSION HIGHLIGHTS VIDEO REPLAY (Replayed after Flight Control Team Video)	JSC		~ L+3.5 HRS		
	*	CREW POST-LANDING NEWS CONFERENCE	KSC		NET L+4.5 HRS		
		VIDEO B-ROLL OF WAKATA IN CREW QUARTERS (pending availability)	KSC		NET L+6.5 HRS		

DEFINITION OF TERMS

AMC:	Americom Satellite
ANDE-2:	Atmospheric Neutral Density Experiment 2
ATA:	Ammonia Tank Assembly
CETA:	Crew Equipment Translation Aid
CSA:	Canadian Space Agency
CDT:	Central Daylight Time
Destiny:	U.S. Laboratory on ISS
Dextre:	Special Purpose Dextrous Manipulator
EDT:	Eastern Daylight Time
EFBM:	Experiment Facility Berthing Mechanism
EMU:	Extravehicular Mobility Unit
ESP-2:	External Stowage Platform-2
ESP-3:	External Stowage Platform-3
EVA:	Extravehicular Activity
FCS:	Flight Control System
FD:	Flight Day
GMT:	Greenwich Mean Time
Harmony:	Connecting Node 2 on ISS
HD:	High Definition Television
HQ:	NASA Headquarters
ICC:	Integrated Cargo Carrier
ICS:	Interorbit Communication System
ISS:	International Space Station
JAXA:	Japan Aerospace and Exploration Agency
JEF:	JEM (Kibo) Exposed Facility
JEM:	Japanese Experiment Module (aka "Kibo")
JLE:	JEM Experiment Logistics Module-Exposed Section
JSC:	Johnson Space Center
KIBO	Japanese Experiment Module (aka JEM)
KSC:	Kennedy Space Center
L:	Launch or Landing time
LDU:	Linear Drive Unit
LIMO:	Live Interview Media Outlet channel
MAXI:	Monitor of All-sky X-ray Images
MBS:	Mobile Base System

ORBIT	SUBJECT	SITE	MET	CDT	EDT	GMT

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
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
ORU: Orbital Replacement Unit
P1: Port One Truss Segment
P3: Port Three Truss Segment
P6: Port Six Truss Segment
PAO: Public Affairs office
PAS: Payload Attach System
PM: Pump Module
POA: Payload/ORU Attachment
RCS: Reaction Control System
RMS: Remote Manipulator System
RPM: Rendezvous Pitch Maneuver
S3: Starboard Three Truss Segment
S6: Starboard Six Truss Segment
SEDA: Space Environment Data Acquisition equipment
SGANT: Space to Ground Antenna
SRMS: Shuttle Remote Manipulator System
SSPTS: Station to Shuttle Power Transfer System
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
VLD: Vertical Light Deployable
VTR: Videotape Recorder
WETA: Wireless Video System (WVS) External Transceiver Assembly
WLE: Wing Leading Edge
Z1: Zenith One Truss