

NASA TELEVISION SCHEDULE

STS-127 / ISS 2 J/A

Kibo Experiment Logistics Module - Exposed Section/Exposed Facility

6/08/09

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>
MONDAY, JUNE 8						
	STS-127 CREW ARRIVAL	KSC		11:15 PM	12:15 AM	4:15
TUESDAY, JUNE 9						
	EXPEDITION 20 ISS COMMENTARY	JSC		10:00 AM	11:00 AM	15:00
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00
	PRELAUNCH STATUS UPDATE	KSC		12:00 PM	1:00 PM	17:00
WEDNESDAY, JUNE 10						
	ISS EXPEDITION 20 SPACEWALK COVERAGE (Spacewalk scheduled to begin at 1:45 AM CT)	JSC		1:15 AM	2:15 AM	6:15
	COUNTDOWN STATUS BRIEFING	KSC		9:00 AM	10:00 AM	14:00

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	EXPEDITION 20 ISS COMMENTARY	JSC		10:00 AM	11:00 AM	15:00
	VIDEO FILE	HQ		11:00 AM	12:00 PM	16:00
THURSDAY, JUNE 11						
	EXPEDITION 20 ISS COMMENTARY	JSC		9:00 AM	10:00 AM	14:00
	JAXA BRIEFING	KSC		10:00 AM	11:00 AM	15:00
	PRELAUNCH NEWS CONFERENCE	KSC		11:00 AM	12:00 PM	16:00
	VIDEO FILE	HQ		12:00 PM	1:00 PM	17:00
FRIDAY, JUNE 12						
	STS-127 WEBCAST	KSC		9:00 AM	10:00 AM	14:00
	VIDEO FILE	HQ		9:30 AM	10:30 AM	14:30
	LAUNCH PAD 39-A ROTATING SERVICE STRUCTURE RETRACTION	KSC		10:00 AM	11:00 AM	15:00
SATURDAY, JUNE 13						
FD 1 / FD 2						
	ENDEAVOUR LAUNCH COVERAGE BEGINS	KSC		1:00 AM	2:00 AM	6:00
	LAUNCH	KSC	00/ 00:00	06:17 AM	07:17 AM	11:17
	MECO		00/ 00:08	06:25 AM	07:25 AM	11:25
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/ 00:10	06:27 AM	07:27 AM	11:27
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/ 00:13	06:30 AM	07:30 AM	11:30
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/ 00:13	06:30 AM	07:30 AM	11:30

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1	ADDITIONAL LAUNCH REPLAYS FROM KSC		00/ 00:45	07:02 AM	08:02 AM	12:02
1	POST LAUNCH NEWS CONFERENCE	KSC	00/ 00:58	07:15 AM	08:15 AM	12:15
1	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/ 01:25	07:42 AM	08:42 AM	12:42
2	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/ 03:43	10:00 AM	11:00 AM	15:00
3	RMS CHECKOUT		00/ 03:55	10:12 AM	11:12 AM	15:12
4	EXTERNAL TANK HANDHELD VIDEO DOWNLINK		00/ 05:00	11:17 AM	12:17 PM	16:17
4	LAUNCH ENGINEERING REPLAYS FROM KSC	KSC	00/ 05:13	11:30 AM	12:30 PM	16:30
5	ENDEAVOUR CREW SLEEP BEGINS		00/ 06:00	12:17 PM	01:17 PM	17:17
5	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/ 06:43	01:00 PM	02:00 PM	18:00
10	ENDEAVOUR CREW WAKE UP (begins FD 2)		00/ 14:00	08:17 PM	09:17 PM	01:17
12	OBSS UNBERTH		00/ 17:00	11:17 PM	12:17 AM	04:17

SUNDAY, JUNE 14

FD 2 / FD 3

13	RMS/OBSS SURVEY OF ENDEAVOUR TPS BEGINS		00/ 18:15	12:32 AM	01:32 AM	05:32
13	EMU CHECKOUT		00/ 18:35	12:52 AM	01:52 AM	05:52
16	MISSION STATUS BRIEFING	JSC	00/ 22:13	04:30 AM	05:30 AM	09:30
17	OBSS BERTH		01/ 00:00	06:17 AM	07:17 AM	11:17
17	CENTERLINE CAMERA INSTALLATION		01/ 01:00	07:17 AM	08:17 AM	12:17
18	ODS RING EXTENSION AND RENDEZVOUS TOOL CHECKOUT		01/ 01:30	07:47 AM	08:47 AM	12:47
18	RMS OMS POD SURVEY		01/ 02:00	08:17 AM	09:17 AM	13:17

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20	ENDEAVOUR CREW SLEEP BEGINS		01/ 05:30	11:47 AM	12:47 PM	16:47
21	FLIGHT DAY 2 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	01/ 05:43	12:00 PM	01:00 PM	17:00
23	POST-MMT BRIEFING	JSC	01/ 09:43	04:00 PM	05:00 PM	21:00
26	ENDEAVOUR CREW WAKE UP (begins FD 3)		01/ 13:30	07:47 PM	08:47 PM	00:47
27	RENDEZVOUS OPERATIONS BEGIN		01/ 14:50	09:07 PM	10:07 PM	02:07
MONDAY, JUNE 15						
FD 3 / FD 4						
29	TI BURN		01/ 17:56	12:13 AM	01:13 AM	05:13
30	ENDEAVOUR RPM / ISS CREW VIDEO DOCUMENTATION BEGINS		01/ 19:28	01:45 AM	02:45 AM	06:45
31	ENDEAVOUR / ISS DOCKING		01/ 20:38	02:55 AM	03:55 AM	07:55
31	VTR PLAYBACK OF ENDEAVOUR / ISS DOCKING		01/ 21:45	04:02 AM	05:02 AM	09:02
32	ENDEAVOUR / ISS CREW HATCH OPENING AND WELCOME CEREMONY		01/ 22:30	04:47 AM	05:47 AM	09:47
32	WAKATA / KOPRA SOYUZ SEATLINER SWAP AND INSTALLATION (Kopra officially joins Expedition 20, Wakata joins STS-127 Crew)		01/ 23:05	05:22 AM	06:22 AM	10:22
33	MISSION STATUS BRIEFING	JSC	01/ 23:13	05:30 AM	06:30 AM	10:30
33	JEM RMS MANEUVER TO JEF BERTHING VIEWING POSITION		02/ 00:25	06:42 AM	07:42 AM	11:42
34	EVA # 1 CREW PROCEDURE REVIEW		02/ 01:25	07:42 AM	08:42 AM	12:42
35	EVA # 1 CAMPOUT BEGINS (Wolf & Kopra)		02/ 03:55	10:12 AM	11:12 AM	15:12

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36	ISS CREW SLEEP BEGINS		02/ 05:00	11:17 AM	12:17 PM	16:17
36	ENDEAVOUR CREW SLEEP BEGINS		02/ 05:30	11:47 AM	12:47 PM	16:47
37	LRO/LCROSS PRELAUNCH NEWS CONFERENCE	KSC	02/ 05:43	12:00 PM	01:00 PM	17:00
37	FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	02/ 06:43	01:00 PM	02:00 PM	18:00
38	VIDEO FILE	HQ	02/ 07:43	02:00 PM	03:00 PM	19:00
38	HIGH DEFINITION FLIGHT DAY 3 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 5:00pm CT and 6:00pm CT)	JSC	02/ 08:43	03:00 PM	04:00 PM	20:00
39	POST-MMT BRIEFING	JSC	02/ 09:43	04:00 PM	05:00 PM	21:00
40	ISS FLIGHT DIRECTOR UPDATE	JSC	02/ 10:43	05:00 PM	06:00 PM	22:00
41	ISS FLIGHT DIRECTOR UPDATE REPLAY	JSC	02/ 12:13	06:30 PM	07:30 PM	23:30
42	ENDEAVOUR / ISS CREW WAKE UP (begins FD 4)		02/ 13:30	07:47 PM	08:47 PM	00:47
42	EVA # 1 PREPARATIONS RESUME		02/ 14:10	08:27 PM	09:27 PM	01:27
44	SSRMS GRAPPLES JEF		02/ 17:05	11:22 PM	12:22 AM	04:22
TUESDAY, JUNE 16						
FD 4 / FD 5						
45	EVA # 1 BEGINS (Wolf and Kopra)		02/ 18:25	12:42 AM	01:42 AM	05:42
45	JEM EFBM MLI REMOVAL / JEF LTA DISCONNECT / ICC-VLD LTA RECONFIG / MAXI PREPARATIONS / NODE-2 CBCS FLAP RECONFIGS		02/ 18:40	12:57 AM	01:57 AM	05:57
45	JEM BERTHING MECHANISM PREPARATIONS		02/ 19:10	01:27 AM	02:27 AM	06:27
46	CETA CART MODIFICATIONS BEGIN		02/ 19:55	02:12 AM	03:12 AM	07:12

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46	SSRMS UNBERTHS JEF FROM ENDEAVOUR'S PAYLOAD BAY		02/ 20:10	02:27 AM	03:27 AM	07:27
46	Z1 TOOL RETRIEVAL / NODE-1 CBCS WORK		02/ 20:25	02:42 AM	03:42 AM	07:42
46	P3 NADIR UCCAS DEPLOY		02/ 20:40	02:57 AM	03:57 AM	07:57
47	SSRMS HANDS OFF JEF TO RMS		02/ 21:10	03:27 AM	04:27 AM	08:27
47	SSRMS BASE CHANGE		02/ 22:20	04:37 AM	05:37 AM	09:37
48	S3 ZENITH OUTBOARD PAS DEPLOY		02/ 23:10	05:27 AM	06:27 AM	10:27
48	SRMS HANDOFF JEF TO SSRMS		02/ 23:35	05:52 AM	06:52 AM	10:52
49	SRMS INSTALLS JEF ON KIBO		03/ 00:05	06:22 AM	07:22 AM	11:22
49	EVA # 1 ENDS		03/ 00:55	07:12 AM	08:12 AM	12:12
50	MISSION STATUS BRIEFING	JSC	03/ 02:43	09:00 AM	10:00 AM	14:00
51	ISS CREW SLEEP BEGINS		03/ 04:30	10:47 AM	11:47 AM	15:47
52	ENDEAVOUR CREW SLEEP BEGINS		03/ 05:00	11:17 AM	12:17 PM	16:17
52	LRO/LCROSS WEBCAST	KSC	03/ 04:43	11:00 AM	12:00 PM	16:00
52	LRO/LCROSS MISSION SCIENCE BRIEFING	KSC	03/ 05:43	12:00 PM	01:00 PM	17:00
52	FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	03/ 06:43	01:00 PM	02:00 PM	18:00
54	VIDEO FILE	HQ	03/ 07:43	02:00 PM	03:00 PM	19:00
54	HIGH DEFINITION FLIGHT DAY 4 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 5:00pm CT and 6:00pm CT)	JSC	03/ 08:43	03:00 PM	04:00 PM	20:00
55	POST-MMT BRIEFING	JSC	03/ 09:43	04:00 PM	05:00 PM	21:00

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56	ISS FLIGHT DIRECTOR UPDATE	JSC	03/ 11:43	06:00 PM	07:00 PM	23:00
57	ENDEAVOUR / ISS CREW WAKE UP (begins FD 5)		03/ 13:00	07:17 PM	08:17 PM	00:17
58	SSRMS GRAPPLE & UNBERTH OBSS		03/ 15:00	09:17 PM	10:17 PM	02:17
59	SSRMS HANDOFF OBSS TO SRMS		03/ 16:15	10:32 PM	11:32 PM	03:32
60	SRMS/OBSS FOCUSED INSPECTION OF ENDEAVOUR TPS BEGINS (if required)		03/ 17:05	11:22 PM	12:22 AM	04:22

WEDNESDAY, JUNE 17

FD 5 / FD 6

60	ENDEAVOUR / ISS TRANSFERS BEGIN		03/ 17:55	12:12 AM	01:12 AM	05:12
61	MISSION STATUS BRIEFING	JSC	03/ 19:43	02:00 AM	03:00 AM	07:00
62	SRMS HANDOFF OBSS TO SSRMS		03/ 20:30	02:47 AM	03:47 AM	07:47
62	OBSS BERTH IN ENDEAVOUR'S PAYLOAD BAY		03/ 20:45	03:02 AM	04:02 AM	08:02
63	SRMS GRAPPLE & UNBERTH ICC FROM ENDEAVOUR'S PAYLOAD BAY & MANEUVERS TO HANDOFF POSITION		03/ 22:05	04:22 AM	05:22 AM	09:22
64	JEM RMS CALIBRATION BEGINS		03/ 23:35	05:52 AM	06:52 AM	10:52
65	U.S. PAO EVENT	ISS Ku	04/ 00:35	06:52 AM	07:52 AM	11:52
65	EVA # 2 CREW PROCEDURE REVIEW		04/ 00:55	07:12 AM	08:12 AM	12:12
65	AUGUSTINE HUMAN SPACE FLIGHT REVIEW COMMITTEE PUBLIC HEARING (Media Channel Only)	HQ	04/ 01:43	08:00 AM	09:00 AM	13:00
66	EVA # 2 CAMPOUT BEGINS (Wolf & Marshburn)		04/ 03:25	09:42 AM	10:42 AM	14:42
66	VIDEO FILE	HQ	04/ 03:43	10:00 AM	11:00 AM	15:00
67	ISS CREW SLEEP BEGINS		04/ 04:30	10:47 AM	11:47 AM	15:47

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67	FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	04/ 04:43	11:00 AM	12:00 PM	16:00
68	ENDEAVOUR CREW SLEEP BEGINS		04/ 05:00	11:17 AM	12:17 PM	16:17
68	LRO/LCROSS LAUNCH COVERAGE (launch scheduled at 2:51 pm CT)	KSC	04/ 05:43	12:00 PM	01:00 PM	17:00
72	HIGH DEFINITION FLIGHT DAY 5 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; Replays at 7:00pm CT and 8:00pm CT)	JSC	04/ 10:43	05:00 PM	06:00 PM	22:00
72	ISS FLIGHT DIRECTOR UPDATE	JSC	04/ 11:43	06:00 PM	07:00 PM	23:00
73	ENDEAVOUR / ISS CREW WAKE UP (begins FD 6)		04/ 13:00	07:17 PM	08:17 PM	00:17
73	EVA # 2 PREPARATIONS RESUME		04/ 13:40	07:57 PM	08:57 PM	00:57
74	SRMS HANDOFF ICC TO SSRMS		04/ 16:05	10:22 PM	11:22 PM	03:22
75	SSRMS INSTALLS ICC ON MBS POA		04/ 16:55	11:12 PM	12:12 AM	04:12

THURSDAY, JUNE 18

FD 6 / FD 7

91	EVA # 2 BEGINS (Wolf & Marshburn)		04/ 17:55	12:12 AM	01:12 AM	05:12
76	ICC ORU (SGANT, PM, LDU) TRANSFERS TO ESP-3 BEGIN; FIXED GRAPPLE BAR RELOCATE FROM ESP-2 TO P1 ATA		04/ 18:25	12:42 AM	01:42 AM	05:42
79	JEF FORWARD CAMERA INSTALLATION		04/ 22:40	04:57 AM	05:57 AM	09:57
79	EVA #2 ENDS		05/ 00:25	06:42 AM	07:42 AM	11:42
81	MISSION STATUS BRIEFING	JSC	05/ 02:13	08:30 AM	09:30 AM	13:30
83	ISS CREW SLEEP BEGINS		05/ 04:00	10:17 AM	11:17 AM	15:17

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83	ENDEAVOUR CREW SLEEP BEGINS			05/ 04:30	10:47 AM	11:47 AM	15:47
83	FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC		05/ 04:43	11:00 AM	12:00 PM	16:00
85	VIDEO FILE	HQ		05/ 07:43	02:00 PM	03:00 PM	19:00
86	HIGH DEFINITION FLIGHT DAY 6 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 5:00pm CT and 6:00pm CT)	JSC		05/ 08:43	03:00 PM	04:00 PM	20:00
87	ISS FLIGHT DIRECTOR UPDATE	JSC		05/ 11:43	06:00 PM	07:00 PM	23:00
88	ENDEAVOUR / ISS CREW WAKE UP (begins FD 7)			05/ 12:30	06:47 PM	07:47 PM	23:47
90	SRMS GRAPPLE & UNBERTH JLE FROM ENDEAVOUR'S PAYLOAD BAY			05/ 14:35	08:52 PM	09:52 PM	01:52
90	SRMS HANDS OFF JLE TO SSRMS			05/ 15:55	10:12 PM	11:12 PM	03:12
91	SRMS INSTALLS JLE TO JEF			05/ 16:30	10:47 PM	11:47 PM	03:47
FRIDAY, JUNE 19							
FD 7 / FD 8							
92	SSRMS REMOVES ICC FROM MBS POA			05/ 18:20	12:37 AM	01:37 AM	05:37
93	ENDEAVOUR / ISS TRANSFERS RESUME			05/ 19:10	01:27 AM	02:27 AM	06:27
93	MISSION STATUS BRIEFING	JSC		05/ 19:43	02:00 AM	03:00 AM	07:00
94	U.S. PAO EVENT	ISS Ku		05/ 20:45	03:02 AM	04:02 AM	08:02
94	ENDEAVOUR CREW OFF DUTY PERIOD BEGINS			05/ 21:10	03:27 AM	04:27 AM	08:27
96	EVA # 3 CREW PROCEDURE REVIEW			06/ 00:25	06:42 AM	07:42 AM	11:42
98	EVA # 3 CAMPOUT BEGINS (Wolf & Cassidy)			06/ 02:55	09:12 AM	10:12 AM	14:12
98	ISS CREW SLEEP BEGINS			06/ 04:00	10:17 AM	11:17 AM	15:17

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99	ENDEAVOUR CREW SLEEP BEGINS		06/ 04:30	10:47 AM	11:47 AM	15:47
99	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	06/ 04:43	11:00 AM	12:00 PM	16:00
101	VIDEO FILE	HQ	06/ 07:43	02:00 PM	03:00 PM	19:00
102	HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 5:00pm CT and 6:00pm CT)	JSC	06/ 08:43	03:00 PM	04:00 PM	20:00
103	ISS FLIGHT DIRECTOR UPDATE	JSC	06/ 11:43	06:00 PM	07:00 PM	23:00
104	ENDEAVOUR / ISS CREW WAKE UP (begins FD 8)		06/ 12:30	06:47 PM	07:47 PM	23:47
104	EVA # 3 PREPARATIONS RESUME		06/ 13:10	07:27 PM	08:27 PM	00:27
107	SSRMS MANEUVERS ICC TO EVA WORKSITE		06/ 17:00	11:17 PM	12:17 AM	04:17
107	EVA #3 BEGINS (Wolf and Cassidy)		06/ 17:25	11:42 PM	12:42 AM	04:42

SATURDAY, JUNE 20

FD 8 / FD 9

106	HANDRAIL & WORKSITE INTERFACE INSTALLATION / JEM MLI REMOVAL / JLE PAYLOAD PREPARATIONS		06/ 17:55	12:12 AM	01:12 AM	05:12
108	P6 BATTERY REMOVAL / REPLACEMENT BEGINS		06/ 18:25	12:42 AM	01:42 AM	05:42
111	EVA #3 ENDS		06/ 23:55	06:12 AM	07:12 AM	11:12
113	MISSION STATUS BRIEFING	JSC	07/ 01:43	08:00 AM	09:00 AM	13:00
114	ISS CREW SLEEP BEGINS		07/ 03:30	09:47 AM	10:47 AM	14:47
114	ENDEAVOUR CREW SLEEP BEGINS		07/ 04:00	10:17 AM	11:17 AM	15:17
115	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	07/ 04:43	11:00 AM	12:00 PM	16:00

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117	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; Replays at 4:00pm CT and 5:00pm CT)	JSC	07/ 07:43	02:00 PM	03:00 PM	19:00
118	ISS FLIGHT DIRECTOR UPDATE	JSC	07/ 10:43	05:00 PM	06:00 PM	22:00
118	ENDEAVOUR / ISS CREW WAKE UP (begins FD 9)		07/ 12:00	06:17 PM	07:17 PM	23:17
121	JEM RMS UNBERTHS MAXI FROM JLE		07/ 15:35	09:52 PM	10:52 PM	02:52
122	JEM RMS INSTALLS MAXI ON JEF		07/ 16:25	10:42 PM	11:42 PM	03:42
SUNDAY, JUNE 21						
FD 9 / FD 10						
123	JEM RMS UNBERTHS ICS FROM JLE		07/ 17:45	12:02 AM	01:02 AM	05:02
124	JEM RMS INSTALLS ICS ON JEF		07/ 18:40	12:57 AM	01:57 AM	05:57
125	JEM RMS UNBERTHS SEDA FROM JLE		07/ 19:55	02:12 AM	03:12 AM	07:12
125	JEM RMS INSTALLS SEDA ON JEF		07/ 20:45	03:02 AM	04:02 AM	08:02
127	U.S. PAO EVENT	ISS Ku	07/ 23:05	05:22 AM	06:22 AM	10:22
127	EVA #4 CREW PROCEDURE REVIEW		07/ 23:25	05:42 AM	06:42 AM	10:42
128	CSA PAO EVENT	ISS Ku	08/ 00:55	07:12 AM	08:12 AM	12:12
128	MISSION STATUS BRIEFING	JSC	08/ 01:43	08:00 AM	09:00 AM	13:00
128	EVA # 4 CAMPOUT BEGINS (Cassidy & Marshburn)		08/ 01:55	08:12 AM	09:12 AM	13:12
129	CSA PAO EVENT REPLAY WITH ENGLISH INTERPRETATION	JSC	08/ 02:43	09:00 AM	10:00 AM	14:00
129	ISS CREW SLEEP BEGINS		08/ 03:00	09:17 AM	10:17 AM	14:17
129	ENDEAVOUR CREW SLEEP BEGINS		08/ 03:30	09:47 AM	10:47 AM	14:47

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129	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	08/ 03:43	10:00 AM	11:00 AM	15:00
132	HIGH DEFINITION FLIGHT DAY 9 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	08/ 06:43	01:00 PM	02:00 PM	18:00
134	ISS FLIGHT DIRECTOR UPDATE	JSC	08/ 10:43	05:00 PM	06:00 PM	22:00
135	ENDEAVOUR / ISS CREW WAKE UP (begins FD 10)		08/ 11:30	05:47 PM	06:47 PM	22:47
135	EVA # 4 PREPARATIONS RESUME		08/ 12:10	06:27 PM	07:27 PM	23:27
137	SSRMS MANEUVERS ICC TO EVA WORKSITE		08/ 16:00	10:17 PM	11:17 PM	03:17
138	EVA # 4 BEGINS (Cassidy & Marshburn)		08/ 16:25	10:42 PM	11:42 PM	03:42
138	P6 BATTERY REMOVAL/REPLACEMENT CONTINUES		08/ 16:55	11:12 PM	12:12 AM	04:12

MONDAY, JUNE 22

FD 10 / FD 11

141	JEF AFT CAMERA INSTALLATION		08/ 20:55	03:12 AM	04:12 AM	08:12
141	SSRMS HANDOFF ICC TO SRMS		08/ 21:30	03:47 AM	04:47 AM	08:47
142	SRMS BERTHS ICC IN ENDEAVOUR'S PAYLOAD BAY		08/ 22:05	04:22 AM	05:22 AM	09:22
142	EVA # 4 ENDS		08/ 22:55	05:12 AM	06:12 AM	10:12
143	MISSION STATUS BRIEFING	JSC	09/ 00:43	07:00 AM	08:00 AM	12:00
145	ISS CREW SLEEP BEGINS		09/ 02:30	08:47 AM	09:47 AM	13:47
145	ENDEAVOUR CREW SLEEP BEGINS		09/ 03:00	09:17 AM	10:17 AM	14:17
145	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	09/ 03:43	10:00 AM	11:00 AM	15:00

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>		<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
147	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	09/	06:43	01:00 PM	02:00 PM	18:00
148	VIDEO FILE	HQ	09/	07:43	02:00 PM	03:00 PM	19:00
149	ISS FLIGHT DIRECTOR UPDATE	JSC	09/	09:43	04:00 PM	05:00 PM	21:00
150	ENDEAVOUR / ISS CREW WAKE UP (begins FD 11)		09/	11:00	05:17 PM	06:17 PM	22:17
152	U.S. PAO EVENT	ISS Ku	09/	14:30	08:47 PM	09:47 PM	01:47
153	ENDEAVOUR / ISS OFF DUTY PERIODS BEGIN		09/	14:50	09:07 PM	10:07 PM	02:07

TUESDAY, JUNE 23

FD 11 / FD 12

155	MISSION STATUS BRIEFING	JSC	09/	17:43	12:00 AM	01:00 AM	05:00
160	ISS CREW SLEEP BEGINS		10/	02:00	08:17 AM	09:17 AM	13:17
160	ENDEAVOUR CREW SLEEP BEGINS		10/	02:30	08:47 AM	09:47 AM	13:47
160	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/	02:43	09:00 AM	10:00 AM	14:00
164	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	10/	06:43	01:00 PM	02:00 PM	18:00
164	VIDEO FILE	HQ	10/	07:43	02:00 PM	03:00 PM	19:00
165	ISS FLIGHT DIRECTOR UPDATE	JSC	10/	09:43	04:00 PM	05:00 PM	21:00
166	ENDEAVOUR / ISS CREW WAKE UP (begins FD 12)		10/	10:30	04:47 PM	05:47 PM	21:47
168	SSRMS GRAPPLE & UNBERTHS JLE FROM JEF		10/	13:35	07:52 PM	08:52 PM	00:52
168	SSRMS HANDOFF JLE TO SRMS		10/	14:45	09:02 PM	10:02 PM	02:02

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
169	SRMS BERTHS JLE IN ENDEAVOUR'S PAYLOAD BAY		10/ 15:25	09:42 PM	10:42 PM	02:42
WEDNESDAY, JUNE 24						
FD 12 / FD 13						
170	JAXA VIP EVENT	ISS Ku	10/ 18:00	12:17 AM	01:17 AM	05:17
171	MISSION STATUS BRIEFING	JSC	10/ 18:43	01:00 AM	02:00 AM	06:00
172	JAXA VIP EVENT REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 19:43	02:00 AM	03:00 AM	07:00
172	JOINT CREW NEWS CONFERENCE	ISS Ku	10/ 20:55	03:12 AM	04:12 AM	08:12
173	EVA # 5 CREW PROCEDURE REVIEW		10/ 21:55	04:12 AM	05:12 AM	09:12
174	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 23:43	06:00 AM	07:00 AM	11:00
175	EVA # 5 CAMPOUT BEGINS (Marshburn & Cassidy)		11/ 00:25	06:42 AM	07:42 AM	11:42
175	ISS CREW SLEEP BEGINS		11/ 01:30	07:47 AM	08:47 AM	12:47
176	ENDEAVOUR CREW SLEEP BEGINS		11/ 02:00	08:17 AM	09:17 AM	13:17
175	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour	JSC	11/ 02:43	09:00 AM	10:00 AM	14:00
177	VIDEO FILE	HQ	11/ 04:43	11:00 AM	12:00 PM	16:00
178	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 2:00pm CT and 3:00pm CT)	JSC	11/ 05:43	12:00 PM	01:00 PM	17:00
181	ISS FLIGHT DIRECTOR UPDATE	JSC	11/ 09:28	03:45 PM	04:45 PM	20:45
181	ENDEAVOUR / ISS CREW WAKE UP (begins FD 13)		11/ 10:00	04:17 PM	05:17 PM	21:17
181	EVA # 5 PREPARATIONS RESUME		11/ 10:40	04:57 PM	05:57 PM	21:57
184	EVA # 5 BEGINS (Marshburn & Cassidy)		11/ 14:55	09:12 PM	10:12 PM	02:12

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
184	DEXTRE MLI RECONFIG / Z1 PATCH PANEL CABLE		11/ 15:25	09:42 PM	10:42 PM	02:42
185	S3 NADIR OUTBOARD PAS DEPLOY		11/ 16:25	10:42 PM	11:42 PM	03:42
THURSDAY, JUNE 25						
FD 13 / FD 14						
186	S3 NADIR INBOARD PAS DEPLOY		11/ 17:55	12:12 AM	01:12 AM	05:12
187	CAMERA PORT ONE WETA INSTALLATION		11/ 19:10	01:27 AM	02:27 AM	06:27
188	EVA # 5 ENDS		11/ 21:25	03:42 AM	04:42 AM	08:42
190	MISSION STATUS BRIEFING	JSC	11/ 23:13	05:30 AM	06:30 AM	10:30
191	ISS CREW SLEEP BEGINS		12/ 01:00	07:17 AM	08:17 AM	12:17
191	ENDEAVOUR CREW SLEEP BEGINS		12/ 01:30	07:47 AM	08:47 AM	12:47
191	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	12/ 01:43	08:00 AM	09:00 AM	13:00
193	VIDEO FILE	HQ	12/ 04:43	11:00 AM	12:00 PM	16:00
194	HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 2:00pm CT and 3:00pm CT)	JSC	12/ 05:43	12:00 PM	01:00 PM	17:00
196	ISS FLIGHT DIRECTOR UPDATE	JSC	12/ 08:43	03:00 PM	04:00 PM	20:00
196	ENDEAVOUR / ISS CREW WAKE UP (begins FD 14)		12/ 09:30	03:47 PM	04:47 PM	20:47
198	SSRMS GRAPPLE & UNBERTH OBSS FROM ENDEAVOUR		12/ 12:45	07:02 PM	08:02 PM	00:02
199	ENDEAVOUR / ISS FINAL TRANSFERS		12/ 13:50	08:07 PM	09:07 PM	01:07
199	SSRMS HANDOFF OBSS TO SRMS		12/ 14:20	08:37 PM	09:37 PM	01:37

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
200	RENDEZVOUS TOOL CHECKOUT		12/ 14:35	08:52 PM	09:52 PM	01:52
201	MISSION STATUS BRIEFING	JSC	12/ 16:43	11:00 PM	12:00 AM	04:00
FRIDAY, JUNE 26						
FD 14 / FD 15						
202	U.S. CREW CHOICE EVENT	ISS Ku	12/ 18:25	12:42 AM	01:42 AM	05:42
203	FAREWELL AND HATCH CLOSURE		12/ 20:10	02:27 AM	03:27 AM	07:27
204	ODS HATCH LEAK CHECK		12/ 20:55	03:12 AM	04:12 AM	08:12
204	CENTERLINE CAMERA INSTALLATION		12/ 21:30	03:47 AM	04:47 AM	08:47
206	ISS CREW SLEEP BEGINS		13/ 00:30	06:47 AM	07:47 AM	11:47
206	ENDEAVOUR CREW SLEEP BEGINS		13/ 01:00	07:17 AM	08:17 AM	12:17
207	FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	13/ 01:43	08:00 AM	09:00 AM	13:00
208	HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 12:00pm CT and 1:00pm CT)	JSC	13/ 03:43	10:00 AM	11:00 AM	15:00
209	VIDEO FILE	HQ	13/ 04:43	11:00 AM	12:00 PM	16:00
212	ENDEAVOUR / ISS CREW WAKE UP (begins FD 15)		13/ 09:00	03:17 PM	04:17 PM	20:17
212	ISS FLIGHT DIRECTOR UPDATE	JSC	13/ 09:43	04:00 PM	05:00 PM	21:00
214	ENDEAVOUR UNDOCKS FROM ISS		13/ 12:54	07:11 PM	08:11 PM	00:11
215	ENDEAVOUR FLYAROUND BEGINS		13/ 13:19	07:36 PM	08:36 PM	00:36
216	ENDEAVOUR FINAL SEPARATION FROM ISS		13/ 14:36	08:53 PM	09:53 PM	01:53
216	VTR PLAYBACK OF UNDOCKING		13/ 15:05	09:22 PM	10:22 PM	02:22

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
217	RMS / OBSS LATE INSPECTION OF ENDEAVOUR'S TPS BEGINS		13/ 17:15	11:32 PM	12:32 AM	04:32
SATURDAY, JUNE 27						
FD 15 / FD 16						
217	MISSION STATUS BRIEFING	JSC	13/ 17:43	12:00 AM	01:00 AM	05:00
220	OBSS BERTH IN ENDEAVOUR'S PAYLOAD BAY		13/ 21:30	03:47 AM	04:47 AM	08:47
222	ENDEAVOUR CREW SLEEP BEGINS		14/ 01:00	07:17 AM	08:17 AM	12:17
222	FLIGHT DAY 15 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	14/ 01:43	08:00 AM	09:00 AM	13:00
224	HIGH DEFINITION FLIGHT DAY 15 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 12:00pm CT and 1:00pm CT)	JSC	14/ 03:43	10:00 AM	11:00 AM	15:00
227	ENDEAVOUR CREW WAKE UP (begins FD 16)		14/ 09:00	03:17 PM	04:17 PM	20:17
228	POST-MMT BRIEFING	JSC	14/ 09:43	04:00 PM	05:00 PM	21:00
230	FCS CHECKOUT		14/ 12:10	06:27 PM	07:27 PM	23:27
230	CABIN STOWAGE BEGINS		14/ 12:25	06:42 PM	07:42 PM	23:42
231	RCS HOT-FIRE TEST		14/ 13:20	07:37 PM	08:37 PM	00:37
232	DRAGONSAT DEPLOYMENT		14/ 15:17	09:34 PM	10:34 PM	02:34
232	U.S. PAO EVENT	TDRZ	14/ 15:30	09:47 PM	10:47 PM	02:47
233	ANDE-2 DEPLOYMENT		14/ 16:48	11:05 PM	12:05 AM	04:05
232	CREW DEORBIT PREPARATION BRIEFING		14/ 17:20	11:37 PM	12:37 AM	04:37

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
SUNDAY, JUNE 28						
FD 16 / FD 17						
234	MISSION STATUS BRIEFING	JSC	14/ 18:43	01:00 AM	02:00 AM	06:00
236	WAKATA'S RECUMBENT SEAT SET UP		14/ 20:50	03:07 AM	04:07 AM	08:07
236	KU-BAND ANTENNA STOWAGE		14/ 21:55	04:12 AM	05:12 AM	09:12
238	ENDEAVOUR CREW SLEEP BEGINS		15/ 01:00	07:17 AM	08:17 AM	12:17
238	FLIGHT DAY 16 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	15/ 01:43	08:00 AM	09:00 AM	13:00
243	ENDEAVOUR CREW WAKE UP (begins FD 17)		15/ 09:00	03:17 PM	04:17 PM	20:17
245	DEORBIT PREPARATIONS BEGIN		15/ 12:00	06:17 PM	07:17 PM	23:17
246	PAYLOAD BAY DOOR CLOSING		15/ 13:18	07:35 PM	08:35 PM	00:35
248	DEORBIT BURN		15/ 15:58	10:15 PM	11:15 PM	03:15
248	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		15/ 16:48	11:05 PM	12:05 AM	04:05
248	KSC LANDING	KSC	15/ 17:01	11:18 PM	12:18 AM	04:18
MONDAY, JUNE 29						
FD 17						
	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		
	VIDEO B-ROLL OF WAKATA IN CREW QUARTERS (pending availability)	KSC		NET L+6.5 HRS		

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
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					
S1:	Starboard One Truss Segment					
S3:	Starboard Three Truss Segment					
S5:	Starboard Five 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					