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 NASA TELEVISION SCHEDULE  
 STS-127 / ISS 2 J/A  
 Kibo Experiment Logistics Module - Exposed Section/Exposed Facility  
 REV A  
 6/15/09  
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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>

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
<b>TUESDAY, JUNE 16</b>						
	ENDEAVOUR FUELING STATUS REPORTS	KSC		7:00 PM	8:00 PM	0:00
	ENDEAVOUR LAUNCH COVERAGE BEGINS	KSC		11:30 PM	12:30 AM	4:30
<b>WEDNESDAY, JUNE 17</b>						
<b>FD 1 / FD 2</b>						
	LAUNCH	KSC	00/ 00:00	04:40 AM	05:40 AM	09:40
	MECO		00/ 00:08	04:48 AM	05:48 AM	09:48
1	NASA TELEVISION ORIGINATION SWITCHED TO JSC	JSC	00/ 00:10	04:50 AM	05:50 AM	09:50
1	NASA TELEVISION ORIGINATION SWITCHED TO KSC	KSC	00/ 00:13	04:53 AM	05:53 AM	09:53
1	LAUNCH REPLAYS (approx. 5 min. after MECO) T=30:00	KSC	00/ 00:13	04:53 AM	05:53 AM	09:53
1	ADDITIONAL LAUNCH REPLAYS FROM KSC		00/ 00:45	05:25 AM	06:25 AM	10:25

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
1	POST LAUNCH NEWS CONFERENCE	KSC	00/ 01:00	05:40 AM	06:40 AM	10:40
1	PAYLOAD BAY DOOR OPENING (may not be televised live)		00/ 01:25	06:05 AM	07:05 AM	11:05
3	AUGUSTINE HUMAN SPACE FLIGHT REVIEW COMMITTEE PUBLIC HEARING (Media Channel Only)	HQ	00/ 03:20	08:00 AM	09:00 AM	13:00
3	ASCENT FLIGHT CONTROL TEAM VIDEO REPLAY	JSC	00/ 03:50	08:30 AM	09:30 AM	13:30
3	RMS CHECKOUT		00/ 03:55	08:35 AM	09:35 AM	13:35
4	EXTERNAL TANK HANDHELD VIDEO DOWNLINK		00/ 05:00	09:40 AM	10:40 AM	14:40
4	LAUNCH ENGINEERING REPLAYS FROM KSC	KSC	00/ 05:20	10:00 AM	11:00 AM	15:00
5	ENDEAVOUR CREW SLEEP BEGINS		00/ 06:30	11:10 AM	12:10 PM	16:10
6	FLIGHT DAY 1 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	00/ 07:20	12:00 PM	01:00 PM	17:00
6	VIDEO FILE	HQ	00/ 08:20	01:00 PM	02:00 PM	18:00
10	ENDEAVOUR CREW WAKE UP (begins FD 2)		00/ 14:30	07:10 PM	08:10 PM	00:10
12	OBSS UNBERTH		00/ 17:30	10:10 PM	11:10 PM	03:10
13	RMS/OBSS SURVEY OF ENDEAVOUR TPS BEGINS		00/ 18:45	11:25 PM	12:25 AM	04:25
13	EMU CHECKOUT		00/ 19:05	11:45 PM	12:45 AM	04:45
<b>THURSDAY, JUNE 18</b>						
<b>FD 2 / FD 3</b>						
16	MISSION STATUS BRIEFING	JSC	00/ 22:20	03:00 AM	04:00 AM	08:00
17	OBSS BERTH		01/ 00:30	05:10 AM	06:10 AM	10:10
18	CENTERLINE CAMERA INSTALLATION		01/ 01:30	06:10 AM	07:10 AM	11:10

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18	ODS RING EXTENSION AND RENDEZVOUS TOOL CHECKOUT		01/ 02:00	06:40 AM	07:40 AM	11:40
18	RMS OMS POD SURVEY		01/ 02:30	07:10 AM	08:10 AM	12:10
21	ENDEAVOUR CREW SLEEP BEGINS		01/ 06:00	10:40 AM	11:40 AM	15:40
21	FLIGHT DAY 2 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	01/ 06:20	11:00 AM	12:00 PM	16:00
22	VIDEO FILE	HQ	01/ 07:20	12:00 PM	01:00 PM	17:00
22	LRO/LCROSS LAUNCH COVERAGE BEGINS (launch is dependent upon processing & range support capability; launch scheduled at 4:12 pm CT)	KSC	01/ 08:20	01:00 PM	02:00 PM	18:00
24	POST-MMT BRIEFING (Media Channel #103 only)	JSC	01/ 11:20	04:00 PM	05:00 PM	21:00
26	ENDEAVOUR CREW WAKE UP (begins FD 3)		01/ 14:00	06:40 PM	07:40 PM	23:40
27	RENDEZVOUS OPERATIONS BEGIN		01/ 15:20	08:00 PM	09:00 PM	01:00
29	TI BURN		01/ 17:56	10:36 PM	11:36 PM	03:36
<b>FRIDAY, JUNE 19</b>						
<b>FD 3 / FD 4</b>						
30	ENDEAVOUR RPM / ISS CREW VIDEO DOCUMENTATION BEGINS		01/ 19:50	12:30 AM	01:30 AM	05:30
31	ENDEAVOUR / ISS DOCKING		01/ 20:52	01:32 AM	02:32 AM	06:32
31	VTR PLAYBACK OF ENDEAVOUR / ISS DOCKING		01/ 22:05	02:45 AM	03:45 AM	07:45
32	ENDEAVOUR / ISS CREW HATCH OPENING AND WELCOME CEREMONY		01/ 22:50	03:30 AM	04:30 AM	08:30

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32	WAKATA / KOPRA SOYUZ SEATLINER SWAP AND INSTALLATION (Kopra officially joins Expedition 20, Wakata joins STS-127 Crew)		01/ 23:25	04:05 AM	05:05 AM	09:05
32	MISSION STATUS BRIEFING	JSC	01/ 23:20	04:00 AM	05:00 AM	09:00
33	JEM RMS MANEUVER TO JEF BERTHING VIEWING POSITION		02/ 00:15	04:55 AM	05:55 AM	09:55
34	EVA # 1 CREW PROCEDURE REVIEW		02/ 01:55	06:35 AM	07:35 AM	11:35
36	EVA # 1 CAMPOUT BEGINS (Wolf & Kopra)		02/ 04:25	09:05 AM	10:05 AM	14:05
36	ISS CREW SLEEP BEGINS		02/ 05:30	10:10 AM	11:10 AM	15:10
37	ENDEAVOUR CREW SLEEP BEGINS		02/ 06:00	10:40 AM	11:40 AM	15:40
37	FLIGHT DAY 3 HIGHLIGHTS (replayed on the hour during	JSC	02/ 06:20	11:00 AM	12:00 PM	16:00
38	VIDEO FILE	HQ	02/ 07:20	12:00 PM	01:00 PM	17:00
39	HIGH DEFINITION FLIGHT DAY 3 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 4:00pm CT and 5:00pm CT)	JSC	02/ 09:20	02:00 PM	03:00 PM	19:00
40	ISS FLIGHT DIRECTOR UPDATE	JSC	02/ 11:20	04:00 PM	05:00 PM	21:00
40	POST-MMT BRIEFING	JSC	02/ 11:50	04:30 PM	05:30 PM	21:30
42	ENDEAVOUR / ISS CREW WAKE UP (begins FD 4)		02/ 14:00	06:40 PM	07:40 PM	23:40
42	EVA # 1 PREPARATIONS RESUME		02/ 14:40	07:20 PM	08:20 PM	00:20
44	SSRMS GRAPPLES JEF		02/ 17:35	10:15 PM	11:15 PM	03:15
45	EVA # 1 BEGINS (Wolf and Kopra)		02/ 18:55	11:35 PM	12:35 AM	04:35

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<b>SATURDAY, JUNE 20</b>						
<b>FD 4 / FD 5</b>						
46	JEM EFBM MLI REMOVAL / JEF LTA DISCONNECT / ICC-VLD LTA RECONFIG / MAXI PREPARATIONS / NODE-2 CBCS FLAP RECONFIGS		02/ 19:40	12:20 AM	01:20 AM	05:20
46	JEM BERTHING MECHANISM PREPARATIONS		02/ 19:40	12:20 AM	01:20 AM	05:20
46	CETA CART MODIFICATIONS BEGIN		02/ 20:25	01:05 AM	02:05 AM	06:05
46	SSRMS UNBERTHS JEF FROM ENDEAVOUR'S PAYLOAD BAY		02/ 20:40	01:20 AM	02:20 AM	06:20
46	Z1 TOOL RETRIEVAL / NODE-1 CBCS WORK		02/ 20:55	01:35 AM	02:35 AM	06:35
46	P3 NADIR UCCAS DEPLOY		02/ 21:10	01:50 AM	02:50 AM	06:50
47	SSRMS HANDS OFF JEF TO RMS		02/ 21:40	02:20 AM	03:20 AM	07:20
48	SSRMS BASE CHANGE		02/ 22:50	03:30 AM	04:30 AM	08:30
48	S3 ZENITH OUTBOARD PAS DEPLOY		02/ 23:40	04:20 AM	05:20 AM	09:20
48	SRMS HANDOFF JEF TO SSRMS		03/ 00:05	04:45 AM	05:45 AM	09:45
49	SRMS INSTALLS JEF ON KIBO		03/ 00:35	05:15 AM	06:15 AM	10:15
49	EVA # 1 ENDS		03/ 01:25	06:05 AM	07:05 AM	11:05
51	MISSION STATUS BRIEFING	JSC	03/ 03:50	08:30 AM	09:30 AM	13:30
52	ISS CREW SLEEP BEGINS		03/ 05:00	09:40 AM	10:40 AM	14:40
52	ENDEAVOUR CREW SLEEP BEGINS		03/ 05:30	10:10 AM	11:10 AM	15:10
53	FLIGHT DAY 4 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	03/ 06:20	11:00 AM	12:00 PM	16:00

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54	HIGH DEFINITION FLIGHT DAY 4 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	03/ 08:20	01:00 PM	02:00 PM	18:00
56	POST-MMT BRIEFING	JSC	03/ 10:50	03:30 PM	04:30 PM	20:30
57	ISS FLIGHT DIRECTOR UPDATE	JSC	03/ 12:20	05:00 PM	06:00 PM	22:00
57	ENDEAVOUR / ISS CREW WAKE UP (begins FD 5)		03/ 13:30	06:10 PM	07:10 PM	23:10
59	SSRMS GRAPPLE & UNBERTH OBSS		03/ 15:30	08:10 PM	09:10 PM	01:10
59	SSRMS HANDOFF OBSS TO SRMS		03/ 16:45	09:25 PM	10:25 PM	02:25
60	SRMS/OBSS FOCUSED INSPECTION OF ENDEAVOUR TPS BEGINS (if required)		03/ 17:35	10:15 PM	11:15 PM	03:15

**SUNDAY, JUNE 21**

**FD 5 / FD 6**

62	MISSION STATUS BRIEFING	JSC	03/ 20:20	01:00 AM	02:00 AM	06:00
62	SRMS HANDOFF OBSS TO SSRMS		03/ 21:00	01:40 AM	02:40 AM	06:40
62	OBSS BERTH IN ENDEAVOUR'S PAYLOAD BAY		03/ 21:15	01:55 AM	02:55 AM	06:55
64	SRMS GRAPPLE & UNBERTH ICC FROM		03/ 22:55	03:35 AM	04:35 AM	08:35
65	CSA PAO EVENT	ISS Ku	04/ 01:05	05:45 AM	06:45 AM	10:45
65	EVA # 2 CREW PROCEDURE REVIEW		04/ 01:25	06:05 AM	07:05 AM	11:05
66	CSA PAO EVENT REPLAY WITH ENGLISH INTERPRETATION	JSC	04/ 02:20	07:00 AM	08:00 AM	12:00
67	EVA # 2 CAMPOUT BEGINS (Wolf & Marshburn)		04/ 03:55	08:35 AM	09:35 AM	13:35
68	ISS CREW SLEEP BEGINS		04/ 05:00	09:40 AM	10:40 AM	14:40
68	ENDEAVOUR CREW SLEEP BEGINS		04/ 05:30	10:10 AM	11:10 AM	15:10

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68	FLIGHT DAY 5 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	04/ 06:20	11:00 AM	12:00 PM	16:00
70	HIGH DEFINITION FLIGHT DAY 5 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	04/ 08:20	01:00 PM	02:00 PM	18:00
72	ISS FLIGHT DIRECTOR UPDATE	JSC	04/ 12:20	05:00 PM	06:00 PM	22:00
73	ENDEAVOUR / ISS CREW WAKE UP (begins FD 6)		04/ 13:30	06:10 PM	07:10 PM	23:10
74	EVA # 2 PREPARATIONS RESUME		04/ 14:10	06:50 PM	07:50 PM	23:50
75	SRMS HANDOFF ICC TO SSRMS		04/ 16:35	09:15 PM	10:15 PM	02:15
76	SSRMS INSTALLS ICC ON MBS POA		04/ 17:25	10:05 PM	11:05 PM	03:05
76	EVA # 2 BEGINS (Wolf & Marshburn)		04/ 18:25	11:05 PM	12:05 AM	04:05
77	ICC ORU (SGANT, PM, LDU) TRANSFERS TO ESP-3		04/ 18:55	11:35 PM	12:35 AM	04:35
<b>MONDAY, JUNE 22</b>						
<b>FD 6 / FD 7</b>						
80	JEF FORWARD CAMERA INSTALLATION		04/ 23:15	03:55 AM	04:55 AM	08:55
81	EVA #2 ENDS		05/ 00:55	05:35 AM	06:35 AM	10:35
82	MISSION STATUS BRIEFING	JSC	05/ 03:20	08:00 AM	09:00 AM	13:00
83	ISS CREW SLEEP BEGINS		05/ 04:30	09:10 AM	10:10 AM	14:10
83	ENDEAVOUR CREW SLEEP BEGINS		05/ 05:00	09:40 AM	10:40 AM	14:40
83	FLIGHT DAY 6 HIGHLIGHTS (replayed on the hour during	JSC	05/ 05:20	10:00 AM	11:00 AM	15:00
84	VIDEO FILE	HQ	05/ 06:20	11:00 AM	12:00 PM	16:00

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85	HIGH DEFINITION FLIGHT DAY 6 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; Replays at 3:00pm CT and 4:00pm CT)	JSC	05/ 08:20	01:00 PM	02:00 PM	18:00
88	ISS FLIGHT DIRECTOR UPDATE	JSC	05/ 12:20	05:00 PM	06:00 PM	22:00
89	ENDEAVOUR / ISS CREW WAKE UP (begins FD 7)		05/ 13:00	05:40 PM	06:40 PM	22:40
90	SRMS GRAPPLE & UNBERTH JLE FROM ENDEAVOUR'S PAYLOAD BAY		05/ 15:30	08:10 PM	09:10 PM	01:10
91	SRMS HANDS OFF JLE TO SSRMS		05/ 16:05	08:45 PM	09:45 PM	01:45
91	SRMS INSTALLS JLE TO JEF		05/ 17:00	09:40 PM	10:40 PM	02:40
92	SSRMS REMOVES ICC FROM MBS POA		05/ 18:50	11:30 PM	12:30 AM	04:30
<b>TUESDAY, JUNE 23</b>						
<b>FD 7 / FD 8</b>						
93	MISSION STATUS BRIEFING	JSC	05/ 20:20	01:00 AM	02:00 AM	06:00
94	U.S. PAO EVENT	ISS Ku	05/ 21:15	01:55 AM	02:55 AM	06:55
94	ENDEAVOUR CREW OFF DUTY PERIOD BEGINS		05/ 21:40	02:20 AM	03:20 AM	07:20
96	EVA # 3 CREW PROCEDURE REVIEW		06/ 00:55	05:35 AM	06:35 AM	10:35
98	EVA # 3 CAMPOUT BEGINS (Wolf & Cassidy)		06/ 03:25	08:05 AM	09:05 AM	13:05
99	ISS CREW SLEEP BEGINS		06/ 04:30	09:10 AM	10:10 AM	14:10
99	ENDEAVOUR CREW SLEEP BEGINS		06/ 05:00	09:40 AM	10:40 AM	14:40
99	FLIGHT DAY 7 HIGHLIGHTS (replayed on the hour during	JSC	06/ 05:20	10:00 AM	11:00 AM	15:00
100	VIDEO FILE	HQ	06/ 06:20	11:00 AM	12:00 PM	16:00



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101	HIGH DEFINITION FLIGHT DAY 7 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 3:00pm CT and 4:00pm CT)	JSC	06/ 08:20	01:00 PM	02:00 PM	18:00
104	ISS FLIGHT DIRECTOR UPDATE	JSC	06/ 12:20	05:00 PM	06:00 PM	22:00
104	ENDEAVOUR / ISS CREW WAKE UP (begins FD 8)		06/ 13:00	05:40 PM	06:40 PM	22:40
105	EVA # 3 PREPARATIONS RESUME		06/ 13:40	06:20 PM	07:20 PM	23:20
107	SSRMS MANEUVERS ICC TO EVA WORKSITE		06/ 17:30	10:10 PM	11:10 PM	03:10
107	EVA #3 BEGINS (Wolf and Cassidy)		06/ 17:55	10:35 PM	11:35 PM	03:35
108	HANDRAIL & WORKSITE INTERFACE INSTALLATION / JEM MLI REMOVAL / JLE PAYLOAD PREPARATIONS		06/ 18:25	11:05 PM	12:05 AM	04:05
108	P6 BATTERY REMOVAL / REPLACEMENT BEGINS		06/ 18:55	11:35 PM	12:35 AM	04:35
<b>WEDNESDAY, JUNE 24</b>						
<b>FD 8 / FD 9</b>						
112	EVA #3 ENDS		07/ 00:25	05:05 AM	06:05 AM	10:05
113	MISSION STATUS BRIEFING	JSC	07/ 02:50	07:30 AM	08:30 AM	12:30
114	ISS CREW SLEEP BEGINS		07/ 04:00	08:40 AM	09:40 AM	13:40
114	ENDEAVOUR CREW SLEEP BEGINS		07/ 04:30	09:10 AM	10:10 AM	14:10
115	FLIGHT DAY 8 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	07/ 05:20	10:00 AM	11:00 AM	15:00
116	VIDEO FILE	HQ	06/ 06:20	11:00 AM	12:00 PM	16:00
116	HIGH DEFINITION FLIGHT DAY 8 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; Replays at 2:00pm CT and 3:00pm CT)	JSC	07/ 07:20	12:00 PM	01:00 PM	17:00

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119	ISS FLIGHT DIRECTOR UPDATE	JSC	07/ 11:20	04:00 PM	05:00 PM	21:00
120	ENDEAVOUR / ISS CREW WAKE UP (begins FD 9)		07/ 12:30	05:10 PM	06:10 PM	22:10
121	JEM RMS UNBERTHS MAXI FROM JLE		07/ 15:30	08:10 PM	09:10 PM	01:10
123	JEM RMS INSTALLS MAXI ON JEF		07/ 16:55	09:35 PM	10:35 PM	02:35
123	JEM RMS UNBERTHS ICS FROM JLE		07/ 17:45	10:25 PM	11:25 PM	03:25
124	JEM RMS INSTALLS ICS ON JEF		07/ 19:10	11:50 PM	12:50 AM	04:50
<b>THURSDAY, JUNE 25</b>						
<b>FD 9 / FD 10</b>						
125	JEM RMS UNBERTHS SEDA FROM JLE		07/ 19:55	12:35 AM	01:35 AM	05:35
125	JEM RMS INSTALLS SEDA ON JEF		07/ 21:15	01:55 AM	02:55 AM	06:55
127	U.S. PAO EVENT	ISS Ku	07/ 23:35	04:15 AM	05:15 AM	09:15
127	EVA #4 CREW PROCEDURE REVIEW		07/ 23:55	04:35 AM	05:35 AM	09:35
128	U.S. PAO EVENT	ISS Ku	08/ 01:25	06:05 AM	07:05 AM	11:05
128	MISSION STATUS BRIEFING	JSC	08/ 02:20	07:00 AM	08:00 AM	12:00
129	EVA # 4 CAMPOUT BEGINS (Cassidy & Marshburn)		08/ 02:25	07:05 AM	08:05 AM	12:05
130	ISS CREW SLEEP BEGINS		08/ 03:30	08:10 AM	09:10 AM	13:10
130	ENDEAVOUR CREW SLEEP BEGINS		08/ 04:00	08:40 AM	09:40 AM	13:40
130	FLIGHT DAY 9 HIGHLIGHTS (replayed on the hour during	JSC	08/ 04:20	09:00 AM	10:00 AM	14:00
131	VIDEO FILE	HQ	08/ 05:20	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 2:00pm CT and 3:00pm CT)	JSC	08/ 07:20	12:00 PM	01:00 PM	17:00

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135	ISS FLIGHT DIRECTOR UPDATE	JSC	08/ 11:20	04:00 PM	05:00 PM	21:00
135	ENDEAVOUR / ISS CREW WAKE UP (begins FD 10)		08/ 12:00	04:40 PM	05:40 PM	21:40
136	EVA # 4 PREPARATIONS RESUME		08/ 12:40	05:20 PM	06:20 PM	22:20
138	SSRMS MANEUVERS ICC TO EVA WORKSITE		08/ 16:30	09:10 PM	10:10 PM	02:10
138	EVA # 4 BEGINS (Cassidy & Marshburn)		08/ 16:55	09:35 PM	10:35 PM	02:35
139	P6 BATTERY REMOVAL/REPLACEMENT CONTINUES		08/ 17:25	10:05 PM	11:05 PM	03:05

**FRIDAY, JUNE 26**

**FD 10 / FD 11**

141	JEF AFT CAMERA INSTALLATION		08/ 21:25	02:05 AM	03:05 AM	07:05
142	SSRMS HANDOFF ICC TO SRMS		08/ 22:00	02:40 AM	03:40 AM	07:40
142	SRMS BERTHS ICC IN ENDEAVOUR'S PAYLOAD BAY		08/ 22:35	03:15 AM	04:15 AM	08:15
143	EVA # 4 ENDS		08/ 23:25	04:05 AM	05:05 AM	09:05
144	MISSION STATUS BRIEFING	JSC	09/ 01:50	06:30 AM	07:30 AM	11:30
145	ISS CREW SLEEP BEGINS		09/ 03:00	07:40 AM	08:40 AM	12:40
145	ENDEAVOUR CREW SLEEP BEGINS		09/ 03:30	08:10 AM	09:10 AM	13:10
146	FLIGHT DAY 10 HIGHLIGHTS (replayed on the hour	JSC	09/ 04:20	09:00 AM	10:00 AM	14:00
146	VIDEO FILE	HQ	09/ 05:20	10:00 AM	11:00 AM	15:00
147	HIGH DEFINITION FLIGHT DAY 10 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 1:00pm CT and 2:00pm CT)	JSC	09/ 06:20	11:00 AM	12:00 PM	16:00
150	ISS FLIGHT DIRECTOR UPDATE	JSC	09/ 10:20	03:00 PM	04:00 PM	20:00

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151	ENDEAVOUR / ISS CREW WAKE UP (begins FD 11)		09/ 11:30	04:10 PM	05:10 PM	21:10
153	U.S. PAO EVENT	ISS Ku	09/ 15:00	07:40 PM	08:40 PM	00:40
153	ENDEAVOUR / ISS OFF DUTY PERIODS BEGIN		09/ 15:20	08:00 PM	09:00 PM	01:00
155	MISSION STATUS BRIEFING	JSC	09/ 18:20	11:00 PM	12:00 AM	04:00
<b>SATURDAY, JUNE 27</b>						
<b>FD 11 / FD 12</b>						
160	ISS CREW SLEEP BEGINS		10/ 02:30	07:10 AM	08:10 AM	12:10
161	ENDEAVOUR CREW SLEEP BEGINS		10/ 03:00	07:40 AM	08:40 AM	12:40
161	FLIGHT DAY 11 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	10/ 03:20	08:00 AM	09:00 AM	13:00
163	HIGH DEFINITION FLIGHT DAY 11 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; Replays at 1:00pm CT and 2:00pm CT)	JSC	10/ 06:20	11:00 AM	12:00 PM	16:00
165	ISS FLIGHT DIRECTOR UPDATE	JSC	10/ 10:20	03:00 PM	04:00 PM	20:00
166	ENDEAVOUR / ISS CREW WAKE UP (begins FD 12)		10/ 11:00	03:40 PM	04:40 PM	20:40
168	SSRMS GRAPPLE & UNBERTHS JLE FROM JEF		10/ 14:05	06:45 PM	07:45 PM	23:45
169	SSRMS HANDOFF JLE TO SRMS		10/ 15:15	07:55 PM	08:55 PM	00:55
169	SRMS BERTHS JLE IN ENDEAVOUR'S PAYLOAD BAY		10/ 15:55	08:35 PM	09:35 PM	01:35
171	JAXA VIP EVENT	ISS Ku	10/ 18:30	11:10 PM	12:10 AM	04:10
171	MISSION STATUS BRIEFING	JSC	10/ 19:05	11:45 PM	12:45 AM	04:45

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
<b>SUNDAY, JUNE 28</b>						
<b>FD 12 / FD 13</b>						
172	JAXA VIP EVENT REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 19:50	12:30 AM	01:30 AM	05:30
173	JOINT CREW NEWS CONFERENCE	ISS Ku	10/ 21:25	02:05 AM	03:05 AM	07:05
173	EVA # 5 CREW PROCEDURE REVIEW		10/ 22:25	03:05 AM	04:05 AM	08:05
174	JOINT CREW NEWS CONFERENCE REPLAY WITH ENGLISH INTERPRETATION	JSC	10/ 22:50	03:30 AM	04:30 AM	08:30
175	EVA # 5 CAMPOUT BEGINS (Marshburn & Cassidy)		11/ 00:55	05:35 AM	06:35 AM	10:35
176	ISS CREW SLEEP BEGINS		11/ 02:00	06:40 AM	07:40 AM	11:40
176	ENDEAVOUR CREW SLEEP BEGINS		11/ 02:30	07:10 AM	08:10 AM	12:10
177	FLIGHT DAY 12 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	11/ 03:20	08:00 AM	09:00 AM	13:00
177	HIGH DEFINITION FLIGHT DAY 12 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 12:00pm CT and 1:00pm CT)	JSC	11/ 05:20	10:00 AM	11:00 AM	15:00
181	ISS FLIGHT DIRECTOR UPDATE	JSC	11/ 10:05	02:45 PM	03:45 PM	19:45
181	ENDEAVOUR / ISS CREW WAKE UP (begins FD 13)		11/ 10:30	03:10 PM	04:10 PM	20:10
182	EVA # 5 PREPARATIONS RESUME		11/ 11:10	03:50 PM	04:50 PM	20:50
185	EVA # 5 BEGINS (Marshburn & Cassidy)		11/ 15:25	08:05 PM	09:05 PM	01:05
185	DEXTRE MLI RECONFIG / Z1 PATCH PANEL CABLE		11/ 15:55	08:35 PM	09:35 PM	01:35
186	S3 NADIR OUTBOARD PAS DEPLOY		11/ 16:55	09:35 PM	10:35 PM	02:35
187	S3 NADIR INBOARD PAS DEPLOY		11/ 18:25	11:05 PM	12:05 AM	04:05

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
<b>MONDAY, JUNE 29</b>						
<b>FD 13 / FD 14</b>						
187	CAMERA PORT ONE WETA INSTALLATION		11/ 19:40	12:20 AM	01:20 AM	05:20
189	EVA # 5 ENDS		11/ 21:55	02:35 AM	03:35 AM	07:35
191	MISSION STATUS BRIEFING	JSC	12/ 00:50	05:30 AM	06:30 AM	10:30
191	ISS CREW SLEEP BEGINS		12/ 01:30	06:10 AM	07:10 AM	11:10
192	ENDEAVOUR CREW SLEEP BEGINS		12/ 02:00	06:40 AM	07:40 AM	11:40
192	FLIGHT DAY 13 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	12/ 02:20	07:00 AM	08:00 AM	12:00
192	VIDEO FILE	HQ	12/ 03:20	08:00 AM	09:00 AM	13:00
193	HIGH DEFINITION FLIGHT DAY 13 CREW HIGHLIGHTS (if available; on the NASA-TV HDTV Channel; replays at 11:00am CT and 12:00pm CT)	JSC	12/ 04:20	09:00 AM	10:00 AM	14:00
196	ISS FLIGHT DIRECTOR UPDATE	JSC	12/ 09:20	02:00 PM	03:00 PM	19:00
197	ENDEAVOUR / ISS CREW WAKE UP (begins FD 14)		12/ 10:00	02:40 PM	03:40 PM	19:40
199	SSRMS GRAPPLE & UNBERTH OBSS FROM ENDEAVOUR		12/ 12:45	05:25 PM	06:25 PM	22:25
200	SSRMS HANDOFF OBSS TO SRMS		12/ 14:20	07:00 PM	08:00 PM	00:00
200	RENDEZVOUS TOOL CHECKOUT		12/ 14:35	07:15 PM	08:15 PM	00:15
202	MISSION STATUS BRIEFING	JSC	12/ 17:50	10:30 PM	11:30 PM	03:30
202	U.S. CREW CHOICE EVENT	ISS Ku	12/ 18:25	11:05 PM	12:05 AM	04:05

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
<b>TUESDAY, JUNE 30</b>						
<b>FD 14 / FD 15</b>						
203	FAREWELL AND HATCH CLOSURE		12/ 20:10	12:50 AM	01:50 AM	05:50
204	ODS HATCH LEAK CHECK		12/ 20:55	01:35 AM	02:35 AM	06:35
204	CENTERLINE CAMERA INSTALLATION		12/ 21:30	02:10 AM	03:10 AM	07:10
206	ISS CREW SLEEP BEGINS		13/ 00:30	05:10 AM	06:10 AM	10:10
207	ENDEAVOUR CREW SLEEP BEGINS		13/ 01:00	05:40 AM	06:40 AM	10:40
207	FLIGHT DAY 14 HIGHLIGHTS (replayed on the hour	JSC	13/ 01:20	06:00 AM	07:00 AM	11:00
208	VIDEO FILE	HQ	13/ 02:20	07:00 AM	08:00 AM	12:00
209	HIGH DEFINITION FLIGHT DAY 14 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replays at 11:00am CT and 12:00pm CT)	JSC	13/ 04:20	09:00 AM	10:00 AM	14:00
212	ENDEAVOUR / ISS CREW WAKE UP (begins FD 15)		13/ 09:00	01:40 PM	02:40 PM	18:40
214	ENDEAVOUR UNDOCKS FROM ISS		13/ 12:54	05:34 PM	06:34 PM	22:34
215	ENDEAVOUR FLYAROUND BEGINS		13/ 13:19	05:59 PM	06:59 PM	22:59
216	ENDEAVOUR FINAL SEPARATION FROM ISS		13/ 14:36	07:16 PM	08:16 PM	00:16
216	VTR PLAYBACK OF UNDOCKING		13/ 15:10	07:50 PM	08:50 PM	00:50
217	RMS / OBSS LATE INSPECTION OF ENDEAVOUR'S		13/ 17:15	09:55 PM	10:55 PM	02:55
218	MISSION STATUS BRIEFING	JSC	13/ 17:50	10:30 PM	11:30 PM	03:30
<b>WEDNESDAY, JULY 1</b>						
<b>FD 15 / FD 16</b>						
220	OBSS BERTH IN ENDEAVOUR'S PAYLOAD BAY		13/ 21:30	02:10 AM	03:10 AM	07:10

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
222	ENDEAVOUR CREW SLEEP BEGINS		14/ 01:00	05:40 AM	06:40 AM	10:40
223	FLIGHT DAY 15 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	14/ 01:20	06:00 AM	07:00 AM	11:00
223	VIDEO FILE	HQ	14/ 02:20	07:00 AM	08:00 AM	12:00
225	HIGH DEFINITION FLIGHT DAY 15 CREW HIGHLIGHTS (on the NASA-TV HDTV Channel; replays at 11:00am CT and 12:00pm CT)	JSC	14/ 04:20	09:00 AM	10:00 AM	14:00
228	ENDEAVOUR CREW WAKE UP (begins FD 16)		14/ 09:00	01:40 PM	02:40 PM	18:40
228	POST-MMT BRIEFING	JSC	14/ 09:50	02:30 PM	03:30 PM	19:30
230	FCS CHECKOUT		14/ 12:10	04:50 PM	05:50 PM	21:50
230	CABIN STOWAGE BEGINS		14/ 12:20	05:00 PM	06:00 PM	22:00
231	RCS HOT-FIRE TEST		14/ 13:20	06:00 PM	07:00 PM	23:00
232	DRAGONSAT DEPLOYMENT		14/ 15:23	08:03 PM	09:03 PM	01:03
232	ANDE-2 DEPLOYMENT		14/ 15:46	08:26 PM	09:26 PM	01:26
233	U.S. PAO EVENT	TDRE	14/ 17:35	10:15 PM	11:15 PM	03:15
234	CREW DEORBIT PREPARATION BRIEFING		14/ 18:15	10:55 PM	11:55 PM	03:55
234	MISSION STATUS BRIEFING	JSC	14/ 18:50	11:30 PM	12:30 AM	04:30
<b>THURSDAY, JULY 2</b>						
<b>FD 16 / FD 17</b>						
235	WAKATA'S RECUMBENT SEAT SET UP		14/ 20:50	01:30 AM	02:30 AM	06:30
236	KU-BAND ANTENNA STOWAGE		14/ 21:55	02:35 AM	03:35 AM	07:35
238	ENDEAVOUR CREW SLEEP BEGINS		15/ 01:00	05:40 AM	06:40 AM	10:40



<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CDT</u>	<u>EDT</u>	<u>GMT</u>
238	FLIGHT DAY 16 HIGHLIGHTS (replayed on the hour during crew sleep)	JSC	15/ 01:20	06:00 AM	07:00 AM	11:00
239	VIDEO FILE	HQ	15/ 02:20	07:00 AM	08:00 AM	12:00
243	ENDEAVOUR CREW WAKE UP (begins FD 17)		15/ 09:00	01:40 PM	02:40 PM	18:40
245	DEORBIT PREPARATIONS BEGIN		15/ 12:00	04:40 PM	05:40 PM	21:40
246	PAYLOAD BAY DOOR CLOSING		15/ 13:23	06:03 PM	07:03 PM	23:03
248	DEORBIT BURN		15/ 16:03	08:43 PM	09:43 PM	01:43
248	MILA C-BAND RADAR ACQUISITION OF ENDEAVOUR		15/ 16:52	09:32 PM	10:32 PM	02:32
248	KSC LANDING	KSC	15/ 17:05	09:45 PM	10:45 PM	02:45
	POST-LANDING NEWS CONFERENCE	KSC		NET L+2 HRS		

**FRIDAY, JULY 3**

**FD 17**

	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		

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ORBIT                                      SUBJECT                                      SITE                                      MET                                      CDT                                      EDT                                      GMT

**DEFINITION OF TERMS**

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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
   
LRO/LCRO}    Lunar Reconnaissance Orbiter/Lunar Crater Observation and Sensing Satellite
   
MAXI:          Monitor of All-sky X-ray Images
   
MBS:           Mobile Base System

<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					