

ISS Docking Timeline			SpaceCalc		
U.S. Eastern Time	DD	HH	MM	STS-117/ISS-13A	
06/08/07 07:38 PM	00	00	00	STS-117 launch	
06/10/07 01:01 PM	01	17	23	TI BURN	
06/10/07 01:05 PM	01	17	27	ISS in attitude	
06/10/07 01:25 PM	01	17	47	ISS in proximity operations mode	
06/10/07 01:37 PM	01	17	59	Sunset	
06/10/07 01:59 PM	01	18	21	Range: 10,000 feet	
06/10/07 02:03 PM	01	18	25	Sunrise	
06/10/07 02:08 PM	01	18	30	Range: 5,000 feet	
06/10/07 02:09 PM	01	18	31	U.S. 2A, 4A arrays feathered	
06/10/07 02:13 PM	01	18	35	Range: 3,000 feet	
06/10/07 02:17 PM	01	18	39	MC-4 rendezvous burn	
06/10/07 02:21 PM	01	18	43	Range: 1,500 feet	
06/10/07 02:22 PM	01	18	44	RPM start window open	
06/10/07 02:26 PM	01	18	48	Range: 1,000 feet	
06/10/07 02:29 PM	01	18	51	KU antenna to low power	
06/10/07 02:30 PM	01	18	52	+R bar arrival directly below ISS	
06/10/07 02:35 PM	01	18	57	Noon	
06/10/07 02:36 PM	01	18	58	Range: 600 feet	
06/10/07 02:38 PM	01	19	00	Start pitch maneuver	

06/10/07	02:39 PM	01	19	01	P6-Sb array feathered
06/10/07	02:41 PM	01	19	03	RPM full photo window close
06/10/07	02:46 PM	01	19	08	End pitch maneuver
06/10/07	02:48 PM	01	19	10	Initiate pitch up maneuver
06/10/07	02:49 PM	01	19	11	RPM start window close
06/10/07	03:00 PM	01	19	22	+V bar arrival; range: 310 feet
06/10/07	03:00 PM	01	19	22	Russian arrays feathred
06/10/07	03:00 PM	01	19	22	Range: 300 feet
06/10/07	03:05 PM	01	19	27	Range: 250 feet
06/10/07	03:08 PM	01	19	30	Sunset
06/10/07	03:09 PM	01	19	31	Range: 200 feet
06/10/07	03:11 PM	01	19	33	Range: 170 feet
06/10/07	03:13 PM	01	19	35	Range: 150 feet
06/10/07	03:17 PM	01	19	39	Range: 100 feet
06/10/07	03:20 PM	01	19	42	Range: 75 feet
06/10/07	03:24 PM	01	19	46	Range: 50 feet
06/10/07	03:28 PM	01	19	50	Range: 30 feet; start stationkeeping
06/10/07	03:33 PM	01	19	55	End stationkeeping; push to dock
06/10/07	03:34 PM	01	19	56	Sunrise
06/10/07	03:37 PM	01	19	59	Range: 10 feet
06/10/07	03:39 PM	01	20	01	<b>DOCKING</b>
<b>Updated 6/9/07</b>					<b>Compiled by William Harwood</b>