

ISS Docking Timeline				SpaceCalc	
U.S. Eastern Time	DD	HH	MM	STS-97 Docking Timeline	
11/30/00 10:06 PM	00	00	00	STS-97 launch	
12/02/00 12:07 PM	01	14	01	Sunrise	
12/02/00 12:33 PM	01	14	27	Terminal initiation burn	
12/02/00 12:35 PM	01	14	29	Noon	
12/02/00 12:54 PM	01	14	48	ISS maneuvers to track light attitude	
12/02/00 01:04 PM	01	14	58	Sunset	
<b>N</b> 12/02/00 01:04 PM	01	14	58	ISS in track light attitude	
<b>I</b> 12/02/00 01:15 PM	01	15	09	Zvezda solar array feathering begins	
<b>G</b> 12/02/00 01:17 PM	01	15	11	Ground station comm pass begins	
<b>H</b> 12/02/00 01:28 PM	01	15	22	Zvezda solar array feathering complete	
<b>T</b> 12/02/00 01:39 PM	01	15	33	Orbital sunrise	
12/02/00 01:50 PM	01	15	44	MC4 rendezvous burn	
12/02/00 01:53 PM	01	15	47	Range: 1500 feet	
12/02/00 01:58 PM	01	15	52	Range: 1000 feet	
12/02/00 02:00 PM	01	15	54	Range: 800 feet	
12/02/00 02:03 PM	01	15	57	Range: 600 feet (+Rbar arrival)	
<b>D</b> 12/02/00 02:05 PM	01	15	59	Range: 500 feet; start tail fwd maneuver	
<b>A</b> 12/02/00 02:07 PM	01	16	01	Orbital noon	
<b>Y</b> 12/02/00 02:09 PM	01	16	03	Range: 400 feet	
<b>L</b> 12/02/00 02:12 PM	01	16	06	Range: 360 feet; tail forward complete	
<b>I</b> 12/02/00 02:15 PM	01	16	09	Zarya solar array feathering begins	
<b>G</b> 12/02/00 02:18 PM	01	16	12	Range: 300 feet	
<b>H</b> 12/02/00 02:18 PM	01	16	12	ISS in docking attitude	
<b>T</b> 12/02/00 02:21 PM	01	16	15	Range: 250 feet	
12/02/00 02:22 PM	01	16	16	Latest time to be "dock ready"	
12/02/00 02:25 PM	01	16	19	Range: 200 feet	
12/02/00 02:27 PM	01	16	21	Range: 170 feet	
12/02/00 02:28 PM	01	16	22	Zarya solar array feathering complete	
12/02/00 02:28 PM	01	16	22	Range: 150 feet	
12/02/00 02:30 PM	01	16	24	Range: 125 feet	
12/02/00 02:33 PM	01	16	27	Range: 100 feet	
12/02/00 02:36 PM	01	16	30	Sunset	
12/02/00 02:38 PM	01	16	32	Range: 75 feet	
<b>N</b> 12/02/00 02:42 PM	01	16	36	Range: 50 feet	
<b>I</b> 12/02/00 02:48 PM	01	16	42	Range: 30 feet; begin stationkeeping	
<b>G</b> 12/02/00 02:52 PM	01	16	46	1st Russian ground station (SHLK) AOS	
<b>H</b> 12/02/00 02:53 PM	01	16	47	<b>Range: 30 feet; PUSH TO DOCK</b>	
<b>T</b> 12/02/00 02:57 PM	01	16	51	Range: 10 feet	
12/02/00 02:59 PM	01	16	53	<b>SHUTTLE/ISS DOCKING</b>	
12/02/00 03:11 PM	01	17	05	Sunrise	
12/02/00 03:12 PM	01	17	06	Russian ground station LOS	
<b>Compiled by William Harwood</b>				<b>As of 12/01/00</b>	