



On-Orbit Elements

ISS
82.8% ASSEMBLY
COMPLETE

Current ISS On-Orbit Elements

MODULE	LENGTH	MASS	LAUNCHED	LAUNCH VEHICLE
FGB (Zarya)	12.9(42.3 ft)	23,094 kg (59,913 lb)	11/20/98	Proton
Node 1 (Unity)/PMA 1 & 2	9.3 m (30.5 ft)	13,708 kg (30,222 lb)	12/04/98	STS-88
Service Module (Zvezda)	13.1 m (43.0 ft)	23,841 kg (52,562 lb)	7/12/00	Proton
Z1 Truss/PMA 3	5.4 m (17.7 ft)	8,689 kg (19,157 lb)/ 1,289 kg (2,842 lb)	10/11/00	STS-92
P6 Truss	13.6 m (44.6 ft) 73.0 m (239.4 ft) width across extended solar array	15,873 kg (34,994 lb)	12/01/00	STS-97
U.S. Lab (Destiny)	9.2 m (30.2 ft)	26,234 kg (57,837 lb)	02/07/01	STS-98
SSRMS (Canadarm 2)	17.7 m (58.1 ft)	1,504 kg (3,316 lb)	04/19/01	STS-100
U.S. Airlock (Quest)	4.6 m (15.1 ft)	13,671 kg (30,140 lb)	07/12/01	STS-104
Docking Compartment/ Airlock (Pirs)	4.9 m (16.1 ft)	3,814 kg (8,409 lb)	09/14/01	Soyuz
S0 Truss	13.4 m (44.0 ft)	10,740 kg (23,677 lb)	04/08/02	STS-110
Mobile Transporter/ CETA Carts A & B	4.6 m (15.1 ft)	1,318 kg (2,906 lb)	04/08/02	STS-110
Mobile Base System	5.8 m (19 ft)	1,450 kg (3,200 lb)	06/05/02	STS-111
S1 Truss	13.7 m (44.9 ft)	12,571 kg (27,713 lb)	10/07/02	STS-112
P1 Truss	13.7 m (44.9 ft)	12,563 kg (27,696 lb)	11/24/02	STS-113
P3/4 Truss	13.6 m (44.6 ft)	15,750 kg (34,722 lb)	09/09/06	STS-115
P5 Truss	3.0 m (9.8 ft)	1,859 kg (4,098 lb)	12/10/06	STS-116
S3/S4 Truss	13.6 m (44.6 ft)	18,740 kg (41,316 lb)	06/09/07	STS-117
S5 Truss	3.0 m (9.8 ft)	1,815 kg (4,002 lb)	08/08/07	STS-118
Node 2 (Harmony)	6.1 m (20.0 ft)	15,014 kg (33,100 lb)	10/23/07	STS-120
European Laboratory (Columbus)	6.9 m (22.6 ft)	16,921 kg (37,305 lb)	02/07/08	STS-122
JEM ELM-PS (Kibo)	3.9 m (12.8 ft)	5,142 kg (11,335 lb)	03/11/08	STS-123
Special Purpose Dexterous Manipulator (Dextre)	3.5 m (11.5 ft)	1,484 kg (3,272 lb)	03/11/08	STS-123
JEM (Kibo) Pressurized Module	11.2 m (36.7 ft)	21,981 kg (48,459 lb)	05/31/08	STS-124
S6 Truss	13.6 m (44.6 ft)	14,026 kg (30,922 lb)	02/12/09	STS-119
Soyuz (typical)* * Two Soyuz vehicles docked to ISS during 6-crew operations	7.0 m (23.0 ft)	6,745 kg (14,870 lb)		

Current and Future Totals

	LENGTH	WIDTH	VOLUME	MASS
May 29, 2009	109.0 m (357.5 ft) with extended solar arrays	51.0 m (167.3 ft)	749.0 m ³ (26,464 ft ³)	311,243 kg (686,173 lb)
Assembly Complete* * After STS-134/ULF-6	109.0 m (357.5 ft) with extended solar arrays	51.0 m (167.3 ft)	860.0 m ³ (30,385 ft ³)	382,321 kg (842,873 lb)