

Table 1B Soviet Strategic Nuclear Forces

	Range (Km)	Throw-weight (000lb.)	Fuel	Missiles	Warhead/Missile	MT/Warhead	EMT/Warhead	Total Warheads	Total Yield	Total EMT
ICBMs										
SS-11 Mod 1	10,000	2.0	liq.	50	1	0.95	0.97	50	48	49
Mod 2/3	13,000	2.0	liq.	420	1	1.00	1.00	420	420	420
SS-13 Mod 2	10,000	1.0	sol.	60	1	0.60	0.71	60	36	43
SS-17 Mod 3	10,000	—	liq.	150	4	0.75	0.83	600	450	495
SS-18 Mod 4	11,000	16.7	liq.	308	10	0.50	0.63	3,080	1,540	1,940
SS-19 Mod 3	10,000	8.0	liq.	360	6	0.55	0.67	2,160	1,188	1,450
SS-25	8,500	1.6	sol.	45 ^a	1	0.55	0.67	45	25	30
				(1393)				(6,415)	(3,707)	(4,427)
SLBMs^b										
SS-N-5	1,400	—	—	39	1	1.00	1.00	39	39	39
SS-N-6 Mod 1/2	2,400/3,000	1.5	liq.	336	1	1.00	1.00	336	336	336
SS-N-8 Mod 1/2	7,800/9,100	1.5/8.0	liq.	292	1	0.80	0.86	292	234	252
SS-N-17	3,900	2.5	sol.	12	1	1.00	1.00	12	12	12
SS-N-18 Mod 3	6,500	1.8/2.9 ^d	liq.	224	7	0.20	0.34	1,568	314	536
SS-N-20	8,300	5.6	sol.	60	9	0.50	0.63	540	270	340
SS-N-23 ^c	7,240	3.36 ^d	liq.	16	7	0.25	0.40	112	28	44
				(979)				(2,899)	(1,233)	(1,559)
Bombers										
Bear Tu-95 B/C/G	12,800	—	—	100	2-4	1	1.41	400	400	564
Bear Tu-95 H	12,800	—	—	30 ^e	8	0.25	0.40	240	60	95
Bison Mya-4	11,200	—	—	45	4	1	1.41	180	180	254
				(175)				(820)	(640)	(913)
Total				2547				10,134	5,580	6,899

a. The SS-25 is a single-warhead road-mobile missile now deployed at two converted SS-20 sites (Yurya [an old SS-7 site] and Yashkarola). Fifty SS-11 missiles have been dismantled to accommodate 45 SS-25s. (*Arms Control Reporter* p. 607.8.76, 1985)

Michael Gordon. "CIA Downgrades Estimate of Soviet SS-19" *National Journal* July 20, 1985, p. 1693

A Joint Chiefs of Staff Report said that the Soviets had dismantled 70 SS-11 missiles and deployed 45 SS-25s. M. Gordon "Joint Chiefs Find No Soviet Cheating" *New York Times* Feb. 8, 1986, p.6. A report by AWST suggested some of the empty SS-11 silos are being demolished and buried. *Aviation Week and Space Technology* Oct. 28, 1985, p.22

US Defense Secretary Caspar Weinberger states that the range of the SS-25 is 10,500 km. (*Jane's Defence Weekly*, Nov. 2, 1985 p. 43) CIA estimates (National Intelligence Estimate NIE-11-3-888) suggest that 20 bases are being prepared for the SS-25. Ten missiles will be at each base for a total of 200 missiles. The SS-25 is similar in size to the American Minuteman III and US officials claim its throw-weight gives it the capability to carry three warheads. According to the same CIA estimate, 100 ten warhead SS-24s are also in the process of being deployed at two bases (Plesetsk and Kostroma where it will replace SS-17s). In 1986 the missile will be deployed in silos and will be transferred to a rail-mobile system in 1987.

"Big Soviet Build-up Foreseen" *Defense Week*, June 17, 1985, p. 15
 "What You'll Hear on the Threat" *Defense Week*, June 24, 1985, p. 16
 "CIA Goes Public on Threat" *Defense Week*, July 1, 1985, p. 14-15

b. SALT limits allow 62 Soviet strategic submarines and 940 SLBM

The USSR currently maintains: - 22 Yankee submarines
 - 37 Delta submarines
 - 3 Typhoon submarines

ISS. *The Military Balance 1985-1986* lists 15 submarines not counted in the SALT limit of 62 and 39 non-SALT theatre SLBMs that are deployed by the USSR (p.21) Two Delta IV submarines have been launched, one is assumed to be operational and carrying SS-N-23 missiles (*Jane's Defence Weekly* Dec. 7, 1985, *ACA Countdown to SALT II* p. 41)

The SS-N-23 is still being flight tested and is deployed on the new Delta IV submarine. The SS-N-23 is reported to be a replacement for the SS-18 SLBM with better accuracy and larger throw-weight. (*Jane's Defence Weekly* December 7, 1985)

See also: ISS *The Military Balance 1985-1986*
 Arms Control Association *Countdown to SALT II* November 1985, p. 41

J. Sands and R. Norris "A Soviet Trident II?" *Arms Control Today* September 1985, p. 7

Arms Control Association, *Countdown to SALT II*, November 1985, p. 41 The new Bear H bomber carries 8 AS-15 cruise missiles with a range of 3,000 km.

The USSR has said it has destroyed 15 Bison bombers and converted 15 others to tankers to compensate for the deployment of the Bear H. The Bison that were destroyed were placed in full view at an airfield with their tail sections cut off. (*Arms Control Reporter* p. 607B76, 1985)