

Tangent Class VIII-IX Destroyer



Construction Data

Model Numbers	Mk II	Mk IV	Mk V
Ship Class	VIII	IX	IX
Date Entering Service	2283 (2/20)	2287 (2/23)	2291 (2/27)
Number Constructed	32	47	49

Hull Data

Superstructure Points	21	25	25
Damage Chart	C	C	C
Size			
Length	280 m	280 m	280 m
Width	112 m	112 m	112 m
Height	59 m	59 m	59 m
Weight	119,523 mt	126,293 mt	128,743 mt

Cargo

Cargo Units	300	300	300
Cargo Capacity	15,000 mt	15,000 mt	15,000 mt
Landing Capability	None	None	None

Equipment Data

Control Computer Type	M-2	M-3	M-4
Transporters			
standard 6-person	2	2	2
emergency 22-person	1	1	1
cargo	1	1	1

Other Data

Crew	119	125	125
Passengers	12	10	10
Shuttlecraft	1	1	1

Engines and Power Data

Total Power Units Available	38	38	38
Movement Point Ratio	4/1	3/1	3/1
Warp Engine Type	FWE-2	FWE-2	FWE-2
Number	2	2	2
Power Units Available	13	13	13
Stress Charts	G/K	G/K	G/K
Maximum Safe Cruising Speed	Warp 6	Warp 6	Warp 6
Emergency Speed	Warp 8	Warp 8	Warp 8
Impulse Engine Type	FIF-1	FIF-1	FIF-1
Power Units Available	12	12	12

Weapons and Firing Data

Beam Weapon Type	FH-8	FH-9	FH-9
Number	6 in 3 banks of 2	4 in 2 banks of 2	6 in 3 banks of 2
Firing Arcs	2f/p,2f/s,2a	2f/p,2f/s	2f/p,2f,2f/s
Firing Charts	T	X	X
Maximum Power	5	6	6
Damage Modifiers			
+2	(1-10)	(1-12)	(1-12)
+1	(11-18)	(13-22)	(13-22)
Missile Weapon Type	FP-2	FP-7	FP-7
Number	4	4	4
Firing Arcs	2f,2a	3f,1a	3f,1a
Firing Chart	H	R	R
Power To Arm	1	1	1
Damage	6	8	8

Shields Data

Deflector Shield Type	FSH	FSN	FSO
Shield Point Ratio	1/2	1/2	1/3
Maximum Shield Power	12	16	16

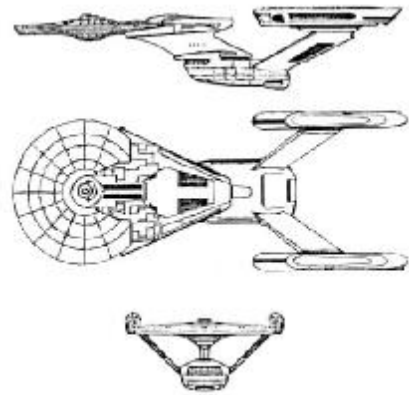
Combat Efficiency

D--	73.0	94.8	112.3
WDF--	33.8	43.2	55.2
CE--	24.7	40.9	62.0

Changes to published Mk II:

- FWE-2 power units available adjusted from 12 to 13.
- Total Power Units Available adjusted from 36 to 38.

Updated and expanded from Stardate Number 7 with additional information from Ship Construction Manual, 2nd edition, both by FASA. K'Teremny class destroyer copyright Todd Guenther from Starship Design. Additional K'Teremny information by Bryan Jecko and William Colley of The FASA Star Trek Universe E-group (<http://games.groups.yahoo.com/group/TheFASASTarTrekUniverseE-group/>). Graphics courtesy of www.shipschematics.net. Original text by Lee Wood (FASAFan@hotmail.com). Compiled by Lee Wood. Version 3.12.



Notes:

The *Tangent* class destroyer has an unusual design history. Originally intended to supplement the *Loknar* class frigate, Starfleet eventually decided that the *Loknar's* service life could be extended by major refitting. Starfleet was so impressed with the *Tangent* class concept, however, that they approved it for construction, intending that it take over the border patrol duties of the *Brenton* class cruiser as they entered their refitting.

The original design, never constructed, was the Mk I *Tangent* designed to supplement the *Loknar*. The Mk II design was developed with plans that the *Tangent* assume *Brenton* patrol duties. However, although well powered, shielded and armed, Starfleet and *Tangent* crews were never happy with the maneuverability of the vessel. Partly due to its changed design concept, this problem was not adequately addressed before the Mk II began production.

Plans for the Mk III *Tangent* included a modest increase in superstructure and other minor changes, but the detection of the *K'Teremny* class destroyer, newly commissioned by the Klingon Empire in 2286 (2/22), alarmed Starfleet sufficiently enough for the Mk III program to be abandoned in place of a hastily developed Mk IV program. The end result was a Starfleet destroyer which actually had higher overall offensive capability with less defensive capability than its Klingon counterpart.

The Mk V *Tangent* was developed to counter the appearance of the *K'Teremny* Type B, first detected in 2289 (2/25). In this model, Starfleet invested in the M-4 control computer and mounted the FSO shield system. In addition, the forward phaser array was increased by one bank. Although slightly less powerful than the Type B, the *Tangent* was totally eclipsed by the *K'Teremny* Type C in 2293 (2/29). Even so, the *Tangent* has evolved into a powerful destroyer for Starfleet Command.

Of the 128 *Tangents* produced, 115 are in active service, with 20 Mk IIs having been upgraded to Mk IV standard. Four Mk IIs have been assigned to Starfleet Training Command. Two Mk IVs has been assigned to Starfleet Intelligence. Two Mk IIs have been scrapped and four Mk IIs have been destroyed. One Mk IV, the *USS Thurmond*, was lost in 2289 (2/25) while investigating the disappearance of several independent trader vessels near Orion space. No trace has been found of the vessel or of the missing traders.

The *Tangent* is produced at Andor and Salazaar shipyards at the rate of 18 per year. All production is now geared to the Mk V.