

K'Mmarak Class VI Research Vessel



Construction Data

Model Numbers	Mk I	Mk II	Mk III
Date Entering Service	2261 (2/04)	2268 (2/10)	2287 (2/23)
Number Constructed	8	6	11

Hull Data

Superstructure Points	8	8	9
Damage Chart	C	C	C
Size			
Length	180 m	180 m	180 m
Width	68 m	68 m	68 m
Height	35 m	35 m	35 m
Weight	74,165 mt	76,015 mt	77,995 mt

Cargo

Cargo Units	110	110	110
Cargo Capacity	5,550 mt	5,550 mt	5,550 mt
Landing Capability	None	None	None

Equipment Data

Control Computer Type	L-14	M-1	M-1
Transporters			
standard 6-person	2	2	2
emergency 22-person	1	1	1

Other Data

Crew	120	123	129
Shuttlecraft	2	2	2

Engines and Power Data

Total Power Units Available	19	23	23
Movement Point Ratio	2/1	2/1	2/1
Warp Engine Type	FWC-1	FWC-2	FWC-2
Number	1	1	1
Power Units Available	16	20	20
Stress Charts	N/L	M/K	M/K
Maximum Safe Cruising			
Speed	Warp 8	Warp 7	Warp 7
Emergency Speed	Warp 10	Warp 9	Warp 9
Impulse Engine Type	FIC-2	FIC-2	FIC-2
Power Units Available	3	3	3

Weapons and Firing Data

Beam Weapon Type	FH-2	FH-2	FH-2
Number	2	2	2
Firing Arcs	1p, 1s	1p, 1s	1a/p, 1a/s
Firing Charts	H	H	H
Maximum Power	3	3	3
Damage Modifiers			
+1	(1-10)	(1-10)	(1-10)

Shields Data

Deflector Shield Type	FSA	FSA	FSD
Shield Point Ratio	1/1	1/1	1/2
Maximum Shield Power	7	7	7

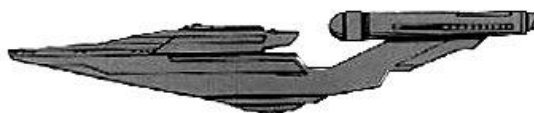
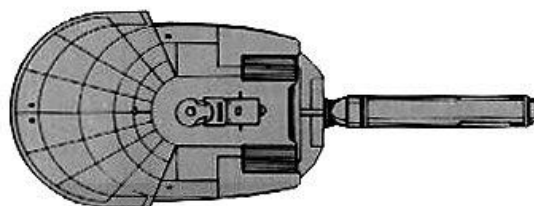
Combat Efficiency

D--	34.9	37.4	54.0
WDF--	2.6	2.6	2.6
CE--	0.9	1.0	1.4

Changes to K'Mmarak Mk I:

- FWC-1 power units available adjusted from 14 to 16.
- Total Power Units Available adjusted due to change.

Updated from Stardate Number 2 with additional information from Ship Construction Manual, 2nd edition, both by FASA. Graphics courtesy of www.shipschematics.net. Original text by Lee Wood (FASAFan@hotmail.com). Compiled by Lee Wood. Version 3.12.



Notes:

The *K'Mmarak* class was developed as a research ship only. It was never intended for combat and only carries weapons for defense. When the Mk I was commissioned, the need for a research vessel in the rimward areas of the Federation was greatest. As each ship in this class was completed, it was sent to this area to aid in the expansion of the territory. The *K'Mmarak* was instrumental in mapping this great expanse of space and in establishing contact with heretofore unknown races.

All ships in this class are designed for extended stays and therefore have large living quarters and working areas. Also, ships of this type have some of the most extensive laboratory facilities aboard any Starfleet ship. They are capable of performing the most intricate of planetary studies and have monitored and recorded several novae. It was during one of these investigations that a *K'Mmarak* class vessel the *USS T'Pool* (NCC 24307) was engulfed by a stellar explosion that covered 1200 A.U.s in 20 hours. Luckily for the crew aboard, their ship was caught up in a solar wind of phenomenal proportions which pushed away the *T'Pool* from the main thrust of the radiation. When all had settled, the *T'Pool* was still intact and flight worthy. The crew, however, had begun to suffer from radiation poisoning within a few days. The ship wandered about for several weeks until it was discovered by the *USS Agincourt* (NCC 4314), a *Larson* class destroyer. The crew was beamed aboard the *Agincourt* and the *T'Pool* was left adrift with marker beacons on, warning any approaching vessels to stay away. When ships were dispatched to recover the hull, the *T'Pool* was no where to be found and has not been seen or heard from since.

The Mk II version of this ship mounted the more powerful FWC-2, although maximum warp speed was slightly decreased. The Mk III version has improved firing arcs for its defensive FH-2 phasers. This upgrade was in response to the destruction of the research vessel *USS Grissom* in 2285 (2/22). After the *Grissom's* destruction, Starfleet reevaluated its research fleet and began a program to upgrade their defensive capabilities.

The *K'Mmarak* vessels were not built in substantial numbers, but the class is a capable one. All in all, the *K'Mmarak* class has served its purpose well and is still in service today. It should be noted that all *K'Mmarak* class ships are crewed by Vulcans.

Of the 14 *K'Mmaraks* built, 11 remain in active service. One Mk I is listed as missing. One Mk I and 1 Mk II have been scrapped. All remaining vessels have been upgraded to Mk IIIs. The *K'Mmarak* is no longer in production.

The *K'Mmarak* class has been named in honor of an early Vulcan scientist and explorer. *K'Mmarak* vessels carry on in the tradition of their namesake.