

PT DESTROYER

CONSTRUCTION DATA:

Model:	Mk. I	Mk. II	Mk. III
Class:	IX	XI	XIII
HULL DATA-			
Superstructure:	30	38	60
Damage Chart:	C	C	C
Dimensions (m):			
Length:	275	275	275
Width:	148	148	148
Height:	57	57	57
Displacement (mt):	137,315	175,615	229,310
Landing Capacity:	No	No	No
EQUIPMENT DATA-			
Computer Type:	M-4	M-7	M-8
Secondary:	None	None	L-14
Trinary:	None	None	None
ECM Device:	FECM-3	FECM-4	FECM-4
Power to Engage:	2	2	2
Dice Modifier:	+2	+2	+2
Cloaking Device:	None	None	None
Power to Engage:	0	0	0
Ships Complement:	245	314	409
Officers:	49	63	82
Enlisted:	196	251	328
Troops:	50	50	50
Passengers:	100	100	100
ENGINEERING-			
Total Power Available:	32	48	72
Auxiliary Units:			
Battery Units:			
Warp Engine Type:	FW E-1	FWD-2	FWG-2
Movement Point Ratio:	2/1	2/1	3/1
Number:	2	2	2
Power Units:	16	32	44
Stress Chart:	G/K	M/G	H/K
Cruising Speed:	6.0	8.0	9.0
Flank Speed:	8.0	10.0	10.0
Impulse Engine Type:	FIF-2	FIF-2	FIH-1
Movement Point Ratio:	2/1	2/1	3/1
Number:	1	1	1
Power Units:	16	16	28
WEAPONS/DEFENSE-			
Beam Weapon # 1:	FH-3	FH-3	FH-11
Number:	6	6	8
Firing Arcs:	2F/ 2P/ 2S	2F/ 2P/ 2S	2F/ 2P/ 2S/ 2A
Firing Chart:	W	W	Y
Maximum Power:	5	5	10
Damage Modifiers +3	(1 - 10)	(1 - 10)	(1 - 10)
+2	(11 - 17)	(11 - 17)	(11 - 17)
+1	(18 - 20)	(18 - 20)	(18 - 24)
Beam Weapon # 2:	None	None	None
Number:	0	0	0
Firing Arcs:			
Firing Chart:	0	0	0
Maximum Power:	0	0	0
Damage Modifiers +3	(0 - 0)	(0 - 0)	(0 - 0)
+2	(0 - 0)	(0 - 0)	(0 - 0)
+1	(0 - 0)	(0 - 0)	(0 - 0)
Torpedo Type:	FP-1	FP-4	FP-9
Number:	8	8	8
Firing Arcs:	4F/ 4A	4F/ 4A	4F/ 4A
Firing Chart:	L	S	R
Power To Arm:	1	1	1
Damage:	10	20	28
Range:	12	16	16
Stock:	720	720	720
Torpedo Type:	None	None	None
Number:	0	0	0
Firing Arcs:			
Firing Chart:	0	0	0
Power To Arm:	0	0	0
Damage:	0	0	0
Range:	0	0	0
Stock:	0	0	0
Shield Type:	FSO	FSP	FSS
Shield Point Ratio:	1/3	1/4	1/4
Max. Shield Power:	16	16	20
Armor Type:	None	None	None
Number of Hits:	0.0	0.0	0.0
Hit Ratio:	0/0	0/0	0/0
Power to Arm:	0	0	0
COMBAT EFFICIENCY-			
D:	134.5	214.5	250.9
WDF:	70	134.8	219.2

OTHER DATA:

<u>Class Commission Date:</u>	2273	2274	2282	Operational Area:	Federation boarder areas
<u>Number Proposed:</u>	30	80	82	Data Reliability:	Starfleet Command
<u>Constructed:</u>	25	78	45	Data Source:	Federation Databanks
<u>Transporters-</u>					
Standard:	2	3	3		
Combat:	3	3	3		
Emergency:	3	4	5		
Cargo:	1	2	2		
<u>Cargo Specs:</u>					
Total SCU:	415	487	587		
Cargo Capacity:	25,748	29,339	34,373		
<u>Shuttlecraft-</u>					
Light Shuttle:	11	15	19		
Standard Shuttle:	8	10	13		
Heavy Shuttle:	4	5	6		
<u>Sickbays:</u>	4	4	5		
<u>Laboratories:</u>	4	2	2		

Notes:

The PT Destroyer was designed when Starfleet found that it needed a ship that could deliver a large barrage of photon torpedoes. The PT Destroyer is also used when a large number of probes and sensors are to be launched.

The PT Destroyer is equipped with a secondary hull that has photon torpedo tubes that can fire at twice the normal firing rate. This vessel is equipped with extensive ECM equipment to help it survive.

The Destroyer incorporates in the primary hull which is equipped with additional targeting sensors. Hull reinforcements and a small hangar that is located on the upper starboard side. Added into the standard deflector grid are additional electronic counter-measures to make the vessel stealthier. The primary hull is equipped with a bridge that incorporates the larger weapons and tracking station. On the lower part of the primary hull is the main sensor array and navigation dome. Located to the sides and bow (both on top and bottom of the primary hull) are six Phaser banks. Located to the rear of the primary hull are the dual impulse units which are used for auxiliary power and sub-warp propulsion. The craft is propelled at warp by two warp nacelles attached to the tri-edged secondary hull by the support pylons. Attached directly to the primary hull is the secondary hull. Located inside the secondary hull is the intermix chamber and matter/antimatter storage tanks. The matter/antimatter storage tanks are located on the bottom of the hull for emergency jettisoning. Positioned above the secondary hull is the photon torpedo hull. In the event of an emergency the primary and secondary hulls can separate with each being able to carry the ships full complement.

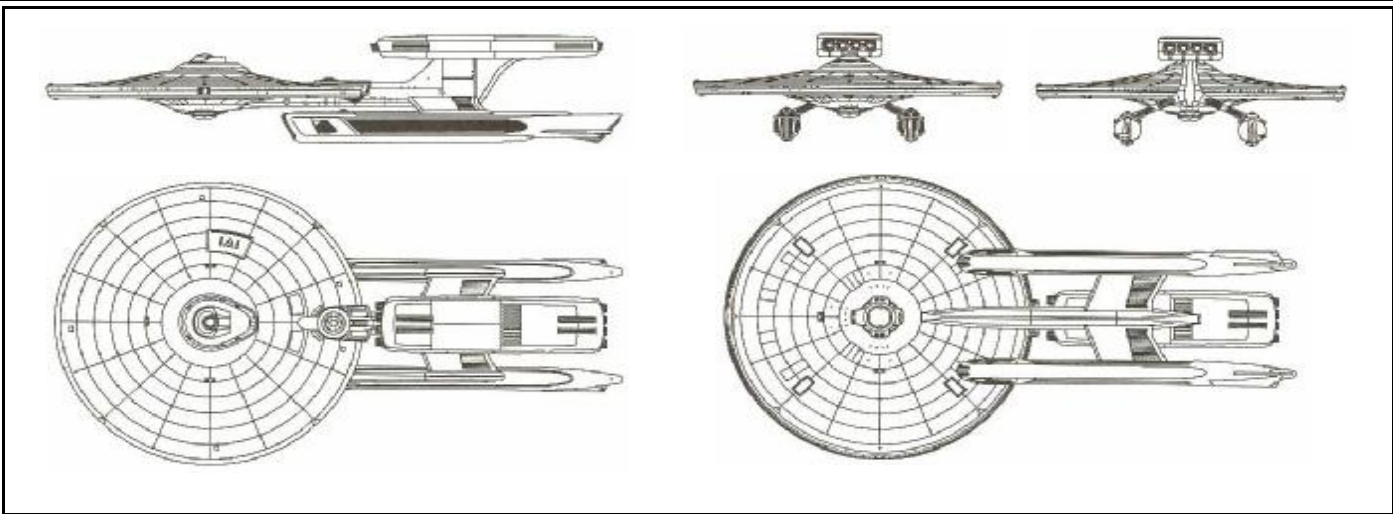
After the launch of the first Abbe Class, the ship saw little combat, but more in the lines of launching probes and boies. As time progressed and things started to heat up with the Klingons, Starfleet would start to send the vessel near the Klingon/ Federation boarder. Just as the vessels would arrive things would cool off. Starfleet then decided to just leave the vessel there so when things would heat up the ship would already be there. This would turn out to be a good idea. When in one instance when a Klingon raiding party crossed over into the Federation zone, and attacked an outpost, there were three Abbe Class vessels near by, they came in to the rescue and fought off the Klingon raiding party. Some of the vessels short coming started to appear, it was a little underpowered and the shielding was not as strong as it should have been. A few months later the Mark II was launched. The Mark II was a big improvement over the Mark I.

The Mark II not only produce more power but also had the newer FSP shielding and the newer FP-4 photon torpedo system. This is what was needed. The vessel became more powerful then the previous version. The Mark II saw action that the mark I did not. The Mark II was not only used on the boarders of the Klingons and the Romulans but as well as the Gorn boarders too. In one instance where the firepower came in handy, there was a Gorn raiding party that crossed into Klingon space, 4 Abbe Class vessels who were also pursuing, followed the Gorn vessels and engaged them in Klingons space. When the Klingons came into the area were ready to fight the Federation vessel. What they did not know was the Abbe's were ready to handle the Klingons as well. The Gorn which were taken out by the Abbes then turned their attention to the Klingons, the Klingons thinking they were dealing with the weaker Abbe's learned a hard lesson.

The firepower the FP-4 was overwhelming. The Klingons had to either flee or be destroyed. The Federation vessels left the area before more Klingon ships came in. The Cardassians also know about the Abbe Class vessel, in one of the many boarder skirmishes, there were 5 Rattlesnake Heavy Destroyers on patrol along the Cardassian boarder; they were then confronted by 8 Cardassian boarder cruisers. Both vessels where in a heavy fight, and the Rattlesnakes called in for help. 3 Abbes came to the rescue. The battle was hard and the Cardassians put up a good fight. In the end they lost. The Mark II saw a long and good service but in the end it was time for another upgrade.

The Mark III was a major improvement in the whole design. It now had better power production, better shields and better weapons. With al the improvements the vessel seemed more capable to take on the bigger ships. The Mark III was a direct response to the rumors of the Klingons working on a PT Destroyer that would have the same firepower as the Mark II. The Federation, seeing the threat, the Klingons would use their vessel in boarder raids, and to try to nock out outposts. The only fear is this might cause the Romulans to make their own PT Destroyer. The Mark III was launched under a small storm of controversy due to this same threat, the threat that there might be a PT Destroyer race. As it stands now the rumors are starting to look true. Nothing has come out from the Romulans, though which is making some see the need for the Mark III. It is hoped that the Mark III will be in service for a long time.

PT DESTROYER



Registry	Ship Name	Type
I - Inactive		
D - Destroyed		
Sc - Scrapped		
R2 - Refit to Mark II		
R3 - Refit to Mark III		
R4 - Refit to Mark IV		
Dec - Decommissioned		
T - Training Vessel		

The ABBE Class is from the **Jackill's STARFLEET REFERENCE MANUAL Ships of the Fleet Volume I** by Eric Kristiansen.
 Addinional infromation by Christopher Croenlius chris1@cablerocket.com