

S PHOTON TORPEDO DESTROYER

ABBE CLASS

FEDERATION VESSEL

Classification:	Destroyer	Destroyer	Destroyer	Destroyer
Class:	X	X	X	X
Model:	Mk I	Mk II	Mk III	Mk IV
Class Commission Date:	2273	2280	2295	2301
Number Proposed:	30	20	10	10
Constructed:	20	20	10	10
Lost:	-	-	1	-
Destroyed:	-	2	1	-
Scrapped:	1	-	2	-
Training:	-	-	-	2
Captured:	-	-	-	-
Sold:	-	-	-	-
Superstructure:	26	28	30	30
Damage Chart:	C	C	C	C
Dimensions:				
Length:	275 m	275 m	275 m	275 m
Width:	141.7 m	141.7 m	141.7 m	141.7 m
Height:	56.3 m	56.3 m	56.3 m	56.3 m
Displacement:	150355 mt	154413 mt	158318 mt	159530 mt
Cargo Specs				
Total SCU:	110 SCU	112 SCU	115 SCU	116 SCU
Cargo Capacity:	5490 mt	5620 mt	5750 mt	5790 mt
Computer Type:	M-4	M-6	M-6a	M-6a
Cloaking Device:	None	None	None	None
Power to Engage:	-	-	-	-
Transporters-				
6-person:	2	2	2	3
20-person Combat:	-	-	-	-
22-person Emergency cargo:	3	4	4	4
Laboratories:	4	4	4	4
Bridges:	12	12	13	13
Replicators:	2	2	3	3
Shuttlecraft-				
Light Shuttle:	1	1	1	1
Standard Shuttle:	6	6	6	6
Heavy Shuttle:	1	1	1	1
Cargo Shuttle:	1	1	1	1
Medical Shuttle:	-	-	-	-
Survey Shuttle:	-	-	-	-
Ships Complement:	306	314	321	324
Officers:	59	60	62	62
Enlisted:	235	241	247	249
Troops:	12	12	12	12
Passengers:	30	30	30	30
ENGINEERING-				
Total Power Available:	60	68	68	64
Movement Point Ratio:	4/1	4/1	4/1	3/1
Warp Engine Type:	FWG-1	FWG-1	FWG-1	FWL-1
Number:	2	2	2	2
Power Units:	26	26	26	20
Stress Chart:	H/K	H/K	H/K	D/E
Optimum Speed:	6	6	6	9
Max Safe Cruising:	8	8	8	12
Emergency Speed:	10	10	10	14
Maximum Speed:	10.58	10.33	10.10	14.10
Impulse Engine Type:	FIE-2	FIF-2	FIF-2	FIG-1
Power Units:	8	16	16	24
WEAPONS/DEFENSE				
Beam Weapon:	FH-8	FH-13	FH-13	FH-3
Firing Arcs:	2 t/p, 2 f, 2 t/s	2 t/p, 2 f, 2 t/s	2 t/p, 2 f, 2 t/s	2 t/p, 2 f, 2 t/s
Firing Chart:	T	T	T	W
Maximum Power:	5	8	8	5
Damage Modifiers				
+3	-	(1-5)	(1-5)	(1-10)
+2	(1-10)	(6-12)	(6-12)	(11-17)
+1	(11-18)	(13-18)	(13-18)	(18-20)
Torpedo Type:	FP-7	FP-7	FP-8	FP-5
Firing Arcs:	4 f, 4 a	4 f, 4 a	4 f, 4 a	4 f, 4 a
Firing Chart:	R	R	S	R
Power To Arm:	1	1	1	1
Damage:	8	8	10	16
Stock:	200	200	200	200
Shields-				
Shield Type:	FSL	FSL	FSS	FSS
Shield Point Ratio:	1/3	1/3	1/4	1/4
Maximum Shield:	14	14	20	20
Combat Efficiency				
D-	78.8	104.1	151.4	223.0
WDF-	122.7	134.5	169.3	201.3
WDF-	64.2	77.4	89.4	110.8

Notes:

Shortly after the launch of the Andor missile cruiser, Star Fleet felt a larger and more powerful craft could be constructed to increase the combat capability of the photon torpedo. Dozens of designs were considered, and at first, the Cassard class was the most logical upgrade. But the inherent nature of photo exhaust and the unusual reaction between launched torpedoes and the warp drive, especially while at high warp speeds, necessitated the moving of the torpedo system. As more and more modeling and mission specific ships were created, the Sol III Baltic yards, in a joint effort with Choikis design bureau created and launched the Abbe class.

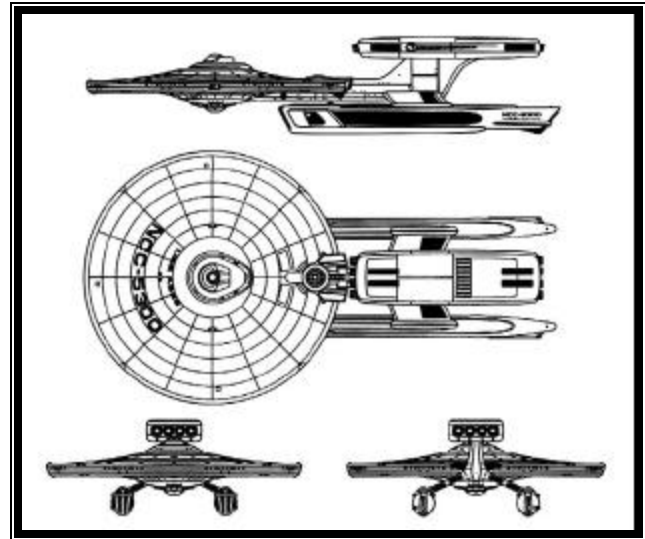
Almost immediately, the potential of the Abbe was apparent. Larger than other missile oriented ships, the Abbe was more powerful and faster, capable of responding with other first response units. By 2272, production had begun, and one year later, the USS Abbe herself proved the value of the class. While patrolling near the Orion border, the Abbe encountered four pirate vessels en-rout to an unknown base within the Orion space. After challenging the Orion pirate vessels, the Abbe was jumped by a Orion bought Klingon D-7. Believing they had the advantage, all five vessels attacked the Abbe. With deft maneuvering, the Abbe dodged the smaller pirate ships and attacked the D-7. Firing volley after volley of torpedoes, while still holding off the other, more maneuverable Blockade Runners with her heavy Phasers. The D-7, realizing it was outgunned, attempted to disengage from the battle. The captain of the Abbe, having no intention of allowing the criminals to escape, pursued, followed by the smaller Orion pirate vessels. Totally catching the Orions off guard, the Abbe's forward and aft torpedo bays were able to destroy one Lightning and damage two others. The Abbe was forced to break off to lend assistance to one of the crippled Orion Lightnings after they lost life support. Capturing nearly 100 pirates and two ships, the Abbe suffered only minor damage and was back on patrol in less than two days.

The initial success of the Abbe, while notable, did point out the moderate phaser capabilities of the craft, and on 2280, the Mk II was first tested. Doubling the impulse power of the ship, as well as improving the phaser's offensive capabilities, the Mk II remained unchanged for 15 years, serving with distinction until 2295, when the Mk III was launched. The Mk III was the first upgrade to the torpedo system the class had seen. The new FP-8 lunch system allowed each torpedo to be programmed individually, giving the Abbe more flexibility and offensive capability. Coupled with a shield and computer upgrade, the Mk III would not be upgraded until 2301, when the advances in warp technology saw the improvement of the FWG drive to the FWL, giving the Mk IV a better response time and high warp pursuit capabilities. Increases in torpedo weaponry, computer power and phaser range all coupled to create the most dangerous variant of the popular destroyer.

The Abbes are produced at the Wall Bradilajja Dry-dock and the Biraktes Shipyards Inkestra III Primary Construction Docks at a combined rate of 3 per year.

For more detailed information on Abbe Class Photon Torpedo Destroyer, please see Jackill's Star Fleet Reference Manual: Ships of the Fleet Volume I.

Views:



Credits:

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