

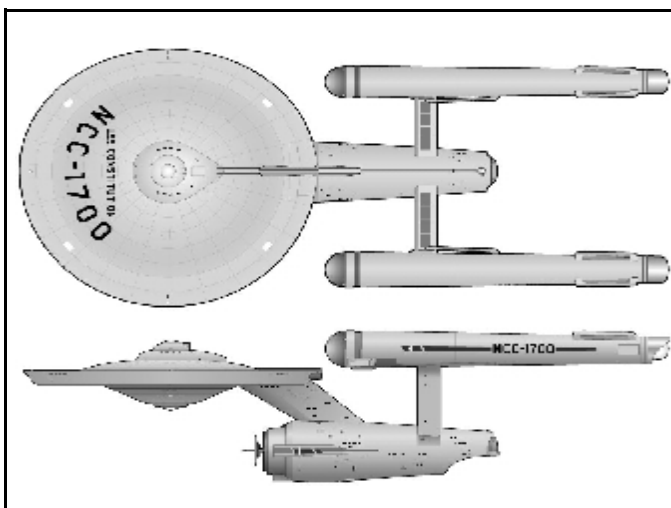
HEAVY CRUISER

CONSTITUTION CLASS

HISTORIC FEDERATION VESSEL

Classification:	CH	CH	CH	SFM
Class:	XI	XI	XI	XI
Model:	I	IB	IC	II
Class Commission Date:	2245	2248	2253	2257
Number Proposed:	15	13	13	42
Constructed:	14	13	2	42
Lost:	1			
Destroyed:				
Scrapped:				
Training:				
Captured:				
Sold:				
Superstructure:	31	31	31	25
Damage Chart:	C	C	C	C
Dimensions:				
Length:	290m	290m	290m	290m
Width:	127m	127m	127m	127m
Height:	73m	73m	73m	73m
Displacement:	179300 mt	179545 mt	179610 mt	168270 mt
Cargo Specs				
Total SCU:	262 SCU	262 SCU	262 SCU	273 SCU
Cargo Capacity:	13100 mt	13100 mt	13110 mt	13640 mt
Computer Type:	M3	M3	M3	M4
Landing Capacity:	N	N	N	N
Cloaking Device:				
Power to Engage:				
Transporters-				
6-person:	3	3	3	1
20-person Combat:				
22-person Emergency:	5	5	5	5
cargo:	9	9	9	9
Laboratories:	12	12	12	12
Brigs:	16	16	16	16
Replicators:				
Shuttlecraft:				
Light Shuttle:				
Standard Shuttle:	6	6	6	10
Heavy Shuttle:				
Cargo Shuttle:				
Medical Shuttle:				
Combat Shuttle:				
Ships Complement:	411	411	411	430
Officers:	82	82	82	86
Enlisted:	329	329	329	344
Troops:				
Passengers:	80	80	80	80
ENGINEERING-				
Total Power Available:	42	42	42	42
Movement Point Ratio:	3/1	3/1	3/1	3/1
Warp Engine Type:	FWC1	FWC1	FWC1	FWC1
Number:	2	2	2	2
Power Units:	18	18	18	18
Stress Chart:	M/O	M/O	M/O	M/O
Optimum Speed:	4.55	4.6	5	4.6
Max Safe Cruising:	7.00	7.00	7	7
Emergency Speed:	8.14	8.13	8.12	8.67
Maximum Speed:	8.70	8.69	8.68	9.27
Impulse Engine Type:	FIC-3	FIC-3	FIC-3	FIC-3
Power Units:	6	6	6	6
WEAPONS/DEFENSE				
Beam Weapon:	FL-6	FL-6	FL-6	FH-3
Firing Arcs:	2FP,2FS,2F	2FP,2FS,2F	2FP,2FS,2F	2FP,2FS,2F
Firing Chart:	H	H	H	W
Maximum Power:	3	3	3	5
Damage Modifiers				
+3				(1-10)
+2	1-4	1-4	1-4	(11-17)
+1	5-7	5-7	5-7	(18-24)
Beam Weapon:				
Firing Arcs:				
Firing Chart:				
Maximum Power:				
Damage Modifiers				
+3				
+2				
+1				
Torpedo Type:	FAC-4	FAC-4	FAC-4	FP-1
Firing Arcs:	2F	2F	2F	2F
Firing Chart:	H	H	H	L
Power To Arm:	4	4	4	1
Damage:	12	12	12	10
Stock:	100	100	180	180

Shields-				
Shield Type:	FSG	FSI	FSL	FSO
Shield Point Ratio:	1/1	1/3	1/3	1/3
Maximum Shield:	9	11	14	14
Combat Efficiency	14.0	21.1	22.2	48.9
D-	75.3	113.3	119.3	112.3
WDF-	18.6	18.6	18.6	43.6



The Constitution Class was easily the best all round Starship ever built when it entered service in 2245. It was not the largest ship ever to serve in the fleet, or the most powerful, or the fastest, or even the best armed, but it was the best balance of those qualities yet achieved.

Displacing around 179,000 mt the Constitution was more powerful than any Federation ship ever except for the prototype battlecruiser of 2215. However many features of the battlecruiser design had evolved into the Constitution class. The Constitution was also 100,000mt lighter than the Battle Cruiser, more than twice as fast, and had 25% more engine power available.

The Constitution introduced the FAC-4 into service and mounted 6 FL-6 lasers. These weapons were the best the Federation had available when the ships were commissioned. The class was modified in 2248 to Mk1b standard to incorporate the FSI shield generator when intelligence reports indicated an insufficient margin of superior performance of the Klingon D-7A, all other systems were left unchanged. The Ships were modified in 2253 to Mk1c standard, which adopted the new FSL shields. The 2257 refit introduced phasers and photon torpedoes.

These vessels gave superb service during the early part of the four years war, earning them much respect, and the nickname 'The Queens of Starfleet'. Inexplicably they were withdrawn from action in the war soon after. This has been put down to many reasons, ranging from the less likely explanations such as fear of such a vessel being captured and the espionage triumph that would be for the Klingons, another possibility was concern at the public reaction to the loss of one of these ships. More likely are the suggestions that they were being held back as a reserve in case the Klingons reached the core of the Federation, or in case the war widened and the Romulans intervened on the Klingons behalf, as with the introduction of the Heston class derivative of the Constitution they were not need in an active combat role.

These ships were fully refitted at the end of the war with the new phaser and photon torpedo technology to Mk2 standards. The only ship lost was Valiant, which was listed missing shortly after commissioning.

The USS Republic is still assigned to the Academy, and the USS Potemkin is in the Star Fleet Museum

Commissioned Ships		
101 / Constellation**		1/05 Excalibur**
1371 Republic		1/06 Exeter**
1/00 Constitution*		1/07 Hood**
1/01 Enterprise**		1/08 Intrepid**
1/02 Farragut**		1/09 Valiant**
1703 Lexington**		1710 Kongo #,**
1/04 Yorktown**		1/11 Potemkin #
		1/12 Kresta***

* Lost, ** Converted, ***Cancelled

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