

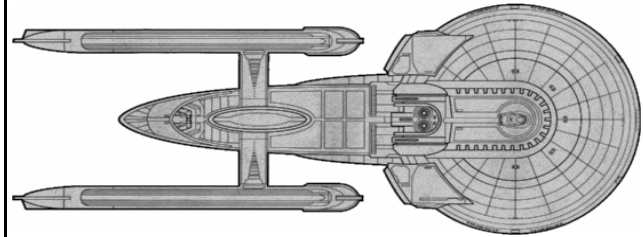
Excelsior Class Battleship

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FEDERATION VESSEL

Classification:			
Class:	XIV	XVII	XXI
Model:	TransWarp	MK-II	MK-III
Class Commission Date:	2284	2288	2315
Number Proposed:			
Constructed:	1		
Lost:			
Destroyed:			
Scrapped:			
Training:			
Captured:			
Sold:			
Superstructure:	47	146	284
Damage Chart:	C	C	C
Dimensions:			
Length:	360 Meters	373 Meters	420 Meters
Width:	143 Meters	149 Meters	167 Meters
Height:	77 Meters	80 Meters	90 Meters
Displacement:	249560 mt	435000 mt	834000 mt
Cargo Specs			
Total SCU:	551 SCU	655 SCU	755 SCU
Cargo Capacity:	27540 mt	32740 mt	37770 mt
Computer Type:	M-8	M-8	M-8 (x 2)
Landing Capacity:			
Cloaking Device:			
Power to Engage:			
Transporters-			
6-person:	6	8	9
20-person Combat:			
22-person Emergency:	9	11	13
Cargo:	18	22	25
Laboratories:	10	10	30
Bridges:	20	35	67
Replicators:	12	15	17
Shuttlecraft:			
Light Shuttle:			
Standard Shuttle:	4	2	2
Heavy Shuttle:			
Cargo Shuttle:			
Medical Shuttle:			
Survey Shuttle:			
Ships Complement:	802	959	1112
Officers:	160	192	222
Enlisted:	641	768	889
Troops:			
Passengers:	40	40	40
ENGINEERING:			
Total Power Available:	136	104	172
Movement Point Ratio:	6/1	8/1	10/1
Warp Engine Type:			
Number:	2	2	2
Power Units:	48	38	42
Stress Chart:	D/F	G/H	T/U
Optimum Speed:	8	8	8
Max Safe Cruising:	12	12	12
Emergency Speed:	16.59	14.28	14.89
Maximum Speed:	17.86	15.37	16.03
Impulse Engine Type:			
FIG-3	FIG-3	FIH-1	FIH-3 (x 2)
Power Units:	40	28	88
WEAPONS/DEFENSE			
Beam Weapon:			
FH-11	FH-11	FH-11	
Firing Arcs:	2fp, 2f, 2fs, 2pa, 2ps	2fp, 2f, 2fs, 2pa, 2ps	2fp, 2f, 2fs, 2pa, 2ps
Firing Chart:	Y	Y	Y
Maximum Power:	10	10	10
Damage Modifiers			
+3	1 - 14	1 - 14	1 - 14
+2	15 - 19	15 - 19	15 - 19
+1	20 - 24	20 - 24	20 - 24
Beam Weapon:			
FH-5	FH-5	FH-5	
Firing Arcs:	4p, 4s	2f, 4p, 4s, 2a	
Firing Chart:	R	R	
Maximum Power:	4	4	
Damage Modifiers			
+3		1 - 8	1 - 8
+2		9 - 16	9 - 16
+1			
Torpedo Type:			
FP-4	FP-4	FP-4	
Firing Arcs:	1f, 2fp, 2fs, 2a	1f, 2fp, 2fs, 2a	2f, 2fp, 2fs, 2a
Firing Chart:	S	S	S
Power To Arm:	1	1	1
Damage:	20	20	20

Shields:			
Shield Type:	FSS	FSS	FSR
Shield Point Ratio:	1/4	1/4	1/3
Maximum Shield:	20	20	34
Combat Efficiency	377.1	651.0	1182.2
D-	207.2	314.8	484.1
WDF-	182.0	206.8	244.2



The history of the Excelsior class tends to consist of extremes. Initially fitted with a Transwarp drive and proclaimed "The Great Experiment", engineers discovered a series of flaws in the Transwarp drive which, had it been used, would have caused a nacelle implosion which would have destroyed the ship. The Excelsior spent nearly a full year in Spacedock while engineering specialists struggled to repair the problem. Re-launched early in 2286, the ship met with little more success. Although the fatal flaw of the Transwarp drive was repaired, the system was subject to major problems and over the next year it never completed a successful test, much to the embarrassment of Captain Styles and his crew. Finally Starfleet cancelled the Transwarp project altogether, and for a short time the Excelsior faced decommissioning.

There was nothing wrong with the space frame however, and in all other areas the Excelsior class was still the most advanced ship in Starfleet, by a considerable margin. In light of this Starfleet rapidly decided to fit the Excelsior class with a more conventional propulsion system. She returned to Spacedock for the third time in 2287 to have her hull converted to run with a standard Warp drive. This process went remarkably smoothly, and by the following year the Excelsior was in space again. From here the history of the ship leapt from one extreme to the other; from being a costly and embarrassing failure, the Excelsior rapidly built a reputation for outstanding performance and a solid reliability few other designs have matched.

Due to the success of the design, Starfleet decided to increase the scientific usefulness of the design, increasing the overall size by about 12% to add bulky laboratories, scientific equipment, and quarters for the additional sciences staff. As a result, the Battleship was reborn in the tradition of Starfleet as an Exploration Cruiser while retaining her original Battleship grit.