

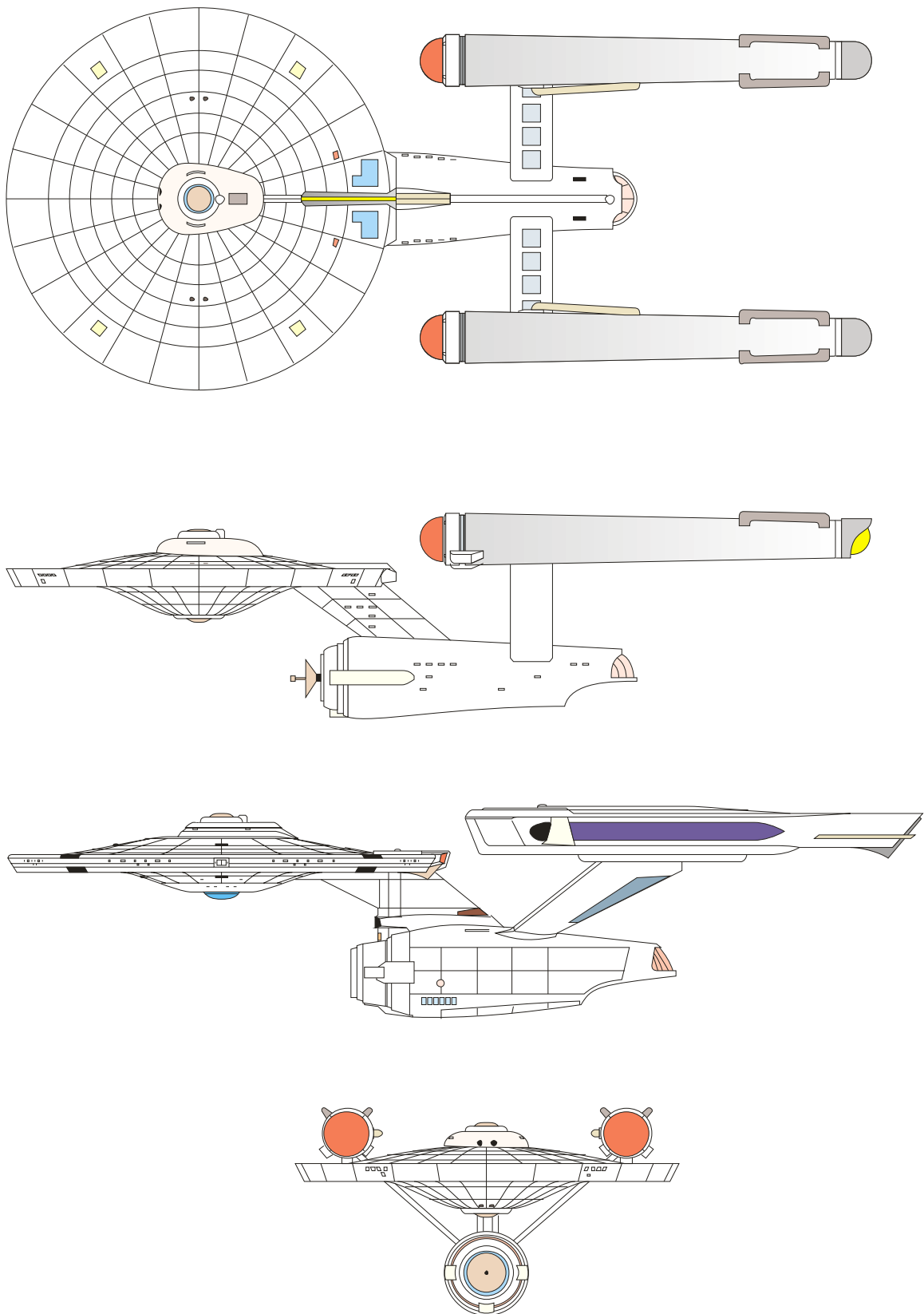
# FEDERATION STARSHIPS : STARFLEET





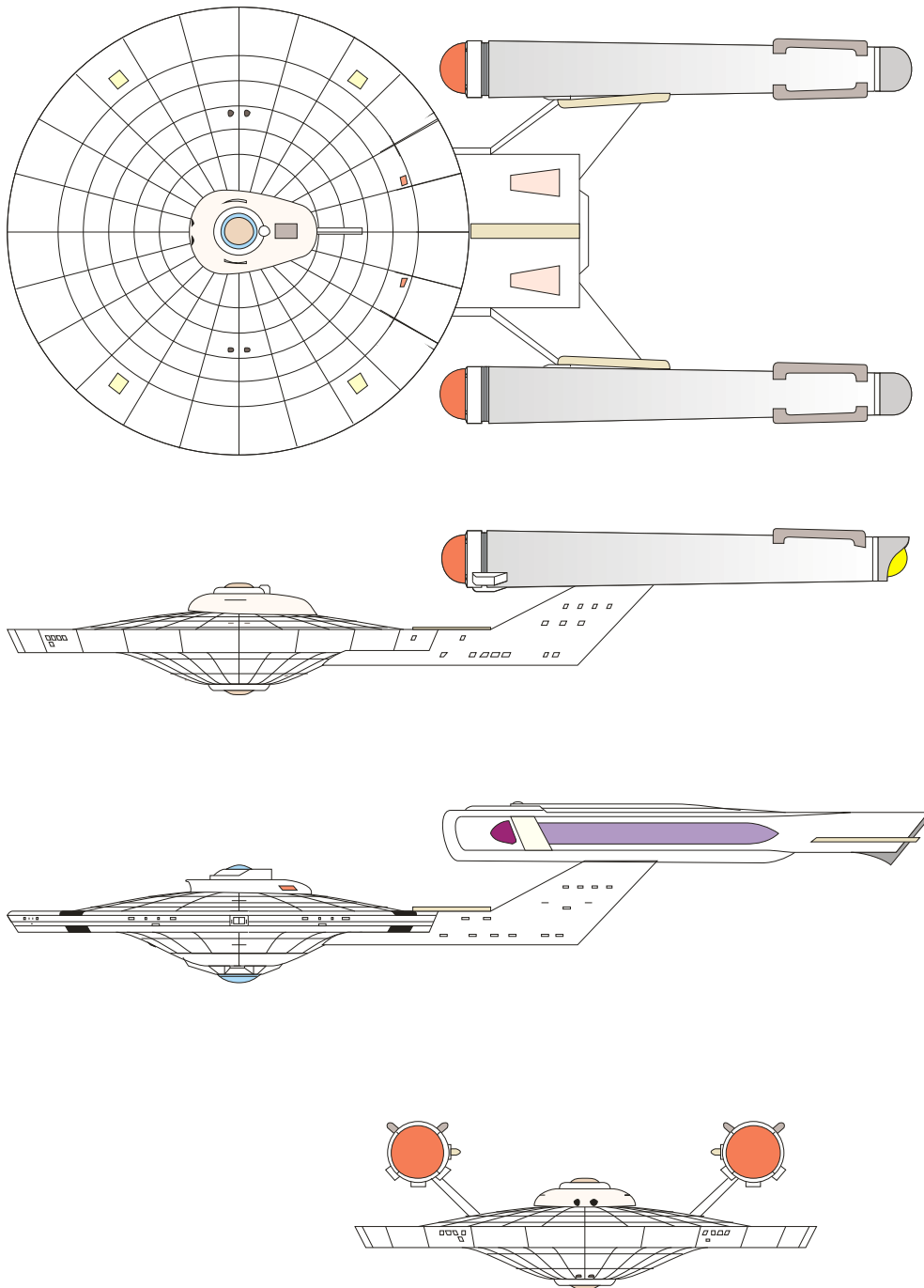
# CONSTITUTION CLASS HEAVY CRUISER

1 : 2000



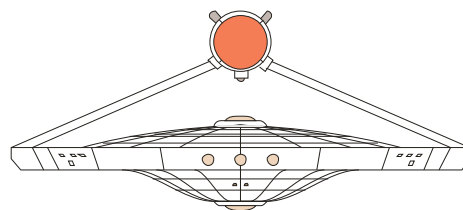
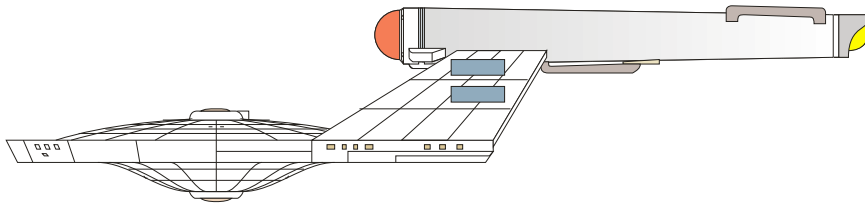
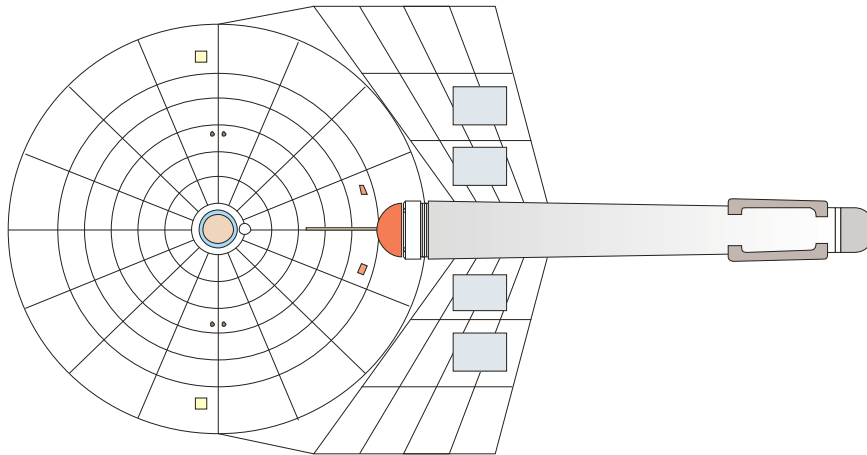
The U.S.S. Constitution heralded in the new Class 1 fleet. The ship was the first to be designed to take advantage of the new DiLithium focused warp drives and other breakthroughs in starship design and technology. Built as Heavy Cruisers, this class set a new standard in starship classification and soon relegated previous ship types to the reserve. The addition of phasers and photon torpedoes during the Four-Years War completed the changeover to the new 'Class 1' fleet design.

	Initial Configuration		Phaser Refit		Constitution II	
Size						
Dimensions	288 x 127 x 69		288 x 127 x 70		300 x 138 x 72	
Hull spaces	250		250		300	
Structure						
Shields	Rated 54		Rated 60		Rated 96	
Superstructure	45		45		80	
Power & Speed						
Warp drive	72 GW		80 GW		120 GW	
Impulse	24 GW		24 GW		36 GW	
Auxiliary	5 GW		4 GW		4 GW	
Cruising speed	W 6.0		W 6.0		W 8.0	
Emergency speed	W 7.5		W 8.0		W 10.0	
P-W ratio	9.5 : 1		10 : 1		12 : 1	
Complement	350		430		420	
Shuttles	7		7		8	
Armament	FLC+ 2 F 2 P 2 S 2 A FA4 4 F		FH3 2 F 2 P 2 S 2 O FP2 2 F		FH3+ 4 F 4 P 4 S 2 O FP2 2 F	
SYSTEMS	S <sub>3</sub>	18	S <sub>3</sub>	20	S <sub>4</sub>	22
	A <sub>3</sub>	15	A <sub>3</sub>	15	A <sub>4</sub>	15
	W <sub>4</sub>	18	W <sub>4</sub>	20	W <sub>5</sub>	24
	I <sub>2</sub>	12	I <sub>2</sub>	12	I <sub>3</sub>	12
	B	5	B	4	B	4
	Q	38	Q	45	Q	45
	X <sub>4</sub>	6	X <sub>4</sub>	6	X <sub>5</sub>	8
	C <sub>4</sub>	5	C <sub>4</sub>	5	C <sub>5</sub>	5
	L <sub>4</sub>	10	L <sub>4</sub>	10	L <sub>5</sub>	12
	V	7	V	7	V	8
	Tr	4	Tr	4	Tr	4
	Tb	2	Tb	2	Tb	2
	H	20	H	17	H	26
			Mg	3	Mg	4



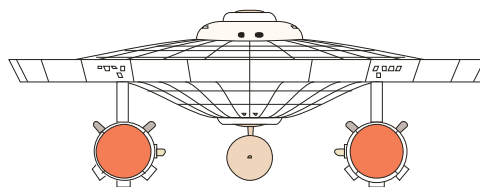
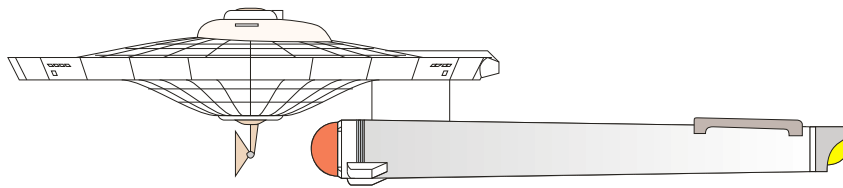
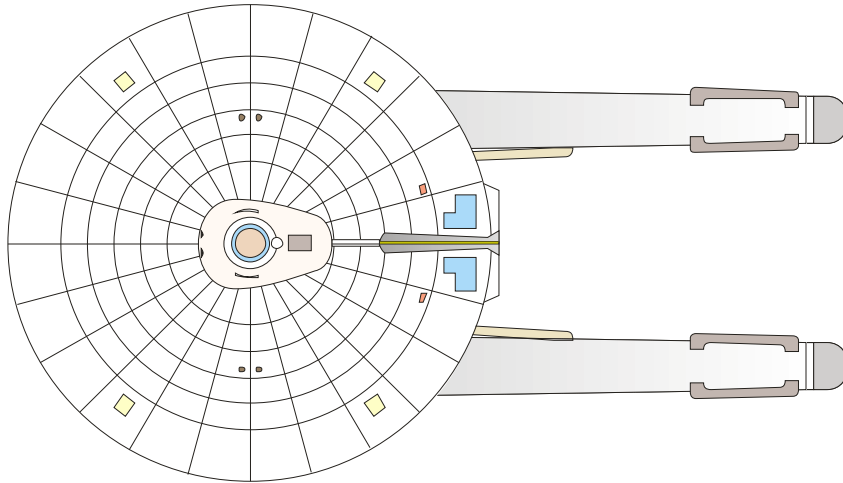
This Class 1 vessel is designed to replace an aging Light Cruiser population. It is the first class to use a modified Class 1 hull, and the first class to be designed with phaser and photon torpedo armaments. The class, comprising 1364 vessels, endured through two refits, and remains the original *Class 1* Light Cruiser. Up-rated with new technology, the Loknar is now considered to be a bit small for the current light cruiser role.

	Initial Configuration		New Technology Refit	
Size				
Dimensions	257 x 127 x 46		263 x 127 x 52	
Hull spaces	175		175	
Structure				
Shields	Rated 45		Rated 60	
Superstructure	42		56	
Power & Speed				
Warp drive	56 GW		70 GW	
Impulse	20 GW		24 GW	
Auxiliary	4 GW		4 GW	
Cruising speed	W 6.5		W 7.5	
Emergency speed	W 8.0		W 10	
P-W ratio	7.0 : 1		7.0 : 1	
Complement	250		250	
Shuttles	4		4	
Armament	FH2    2 F 2 P 2 S 2 A FP2    2 F		FH2+   4 F 4 P 4 S 2 A FP5    2 F	
SYSTEMS	S <sub>3</sub>	15	S <sub>4</sub>	15
	A <sub>3</sub>	14	A <sub>4</sub>	14
	W <sub>4</sub>	14	W <sub>5</sub>	14
	I <sub>2</sub>	10	I <sub>3</sub>	8
	B	4	B	4
	Q	27	Q	27
	X <sub>4</sub>	3	X <sub>5</sub>	3
	C <sub>4</sub>	4	C <sub>5</sub>	4
	L <sub>4</sub>	3	L <sub>5</sub>	3
	V	4	V	4
	Tr	3	Tr	3
	Tb	1	Tb	1
	H	11	H	12
	Mg	2	Mg	3



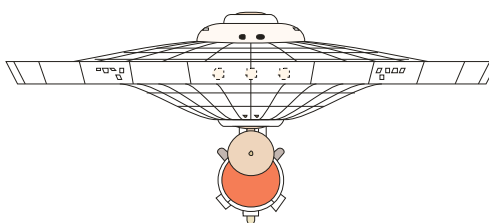
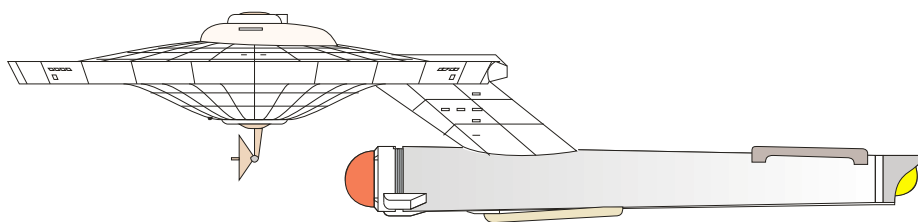
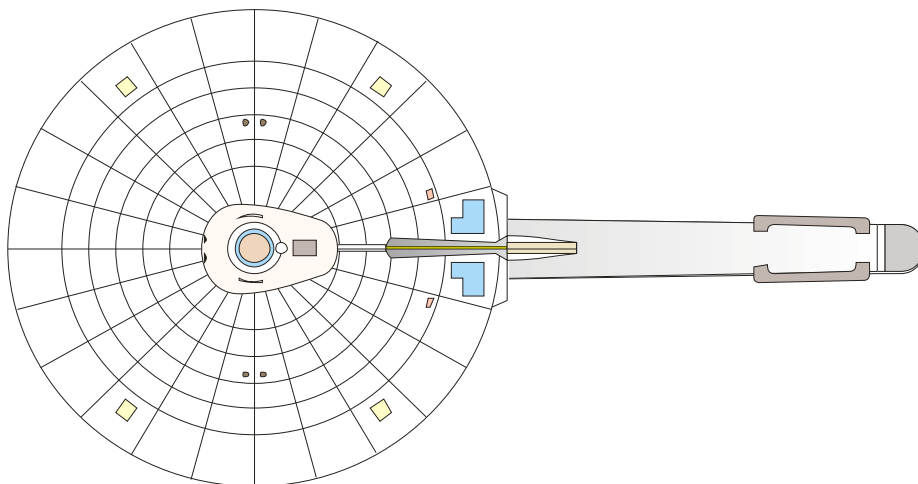
Built by Vickers Shipbuilding as an independent competitor to the Saladin Class Destroyer, The Larson was submitted on Stardate 0814 as a lower cost Destroyer Class. It's claim to fame is that the Larson Class is the last major class to be *designed* with lasers and accelerator cannon in its main armament. This was soon proved to be inadequate during the Four Years War, and the prototype was built with phasers and photon torpedo armament. The vessel was also procured in some numbers during the General War, due to the need for ships and the availability of tooling at Vickers.

	Larson	
Size		
Dimensions	227 x 127 x 48	
Hull spaces	125	
Structure		
Shields	Rated 36	
Superstructure	27	
Power & Speed		
Warp drive	40 GW	
Impulse	16 GW	
Auxiliary	2 GW	
Cruising speed	W 6.0	
Emergency speed	W 8.0	
P-W ratio	5.0 : 1	
Complement	155	
Shuttles	2	
Armament	FH2    2 F 2 P 2 S FP1    2 F	
SYSTEMS	S <sub>3</sub> 12 A <sub>3</sub> 9 W <sub>4</sub> 10 I <sub>2</sub> 8 B        2 Q        17 X <sub>4</sub> 4 C <sub>4</sub> 3 L <sub>4</sub> 3 V        2 Tr       2 Tb       1 H        8 Mg       2	



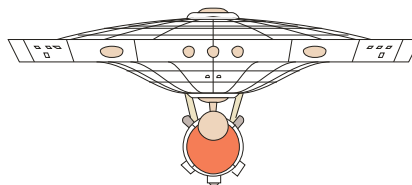
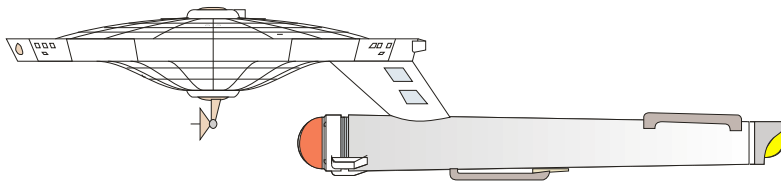
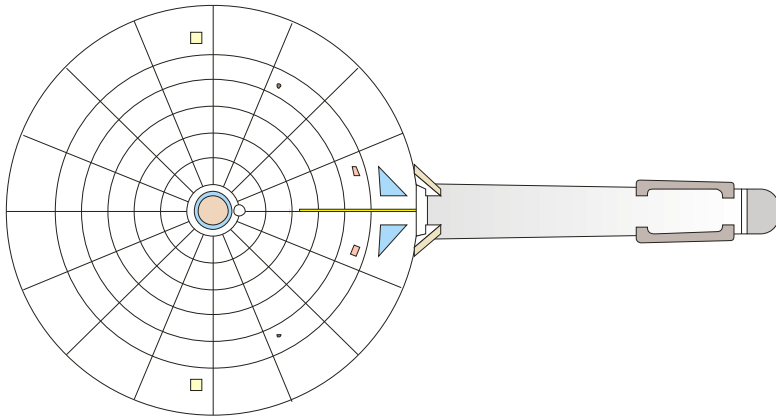
With the commissioning of the Class 1 Dreadnoughts, Starfleet found themselves needing escort vessels that could keep up with the fast Dreadnought ships. Eight vessels of the Saladin Class were dry-docked and refitted with dual warp nacelles and larger engines to increase their speed. With the reasonable success of these vessels new construction of 138 vessels (2 each for the remaining DN. fleet) were built.

	Pompey	
Size		
Dimensions	222 x 127 x 46	
Hull spaces	165	
Structure		
Shields	Rated 36	
Superstructure	36	
Power & Speed		
Warp drive	80 GW	
Impulse	24 GW	
Auxiliary	2 GW	
Cruising speed	W 8.0	
Emergency speed	W 9.5	
P-W ratio	6.5 : 1	
Complement	180	
Shuttles	2	
Armament	FH3 2 F	
	2 P	
	2 S	
	FP1 2 F	
SYSTEMS	S <sub>3</sub>	12
	A <sub>3</sub>	12
	W <sub>4</sub>	20
	I <sub>2</sub>	12
	B	2
	Q	20
	X <sub>4</sub>	5
	C <sub>4</sub>	3
	L <sub>4</sub>	
	V	2
	Tr	2
	Tb	1
	H	6
	Mg	2



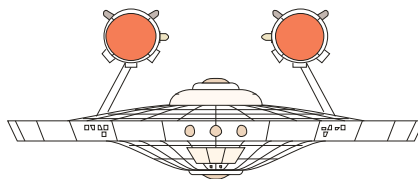
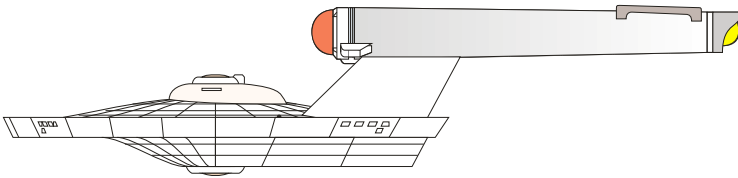
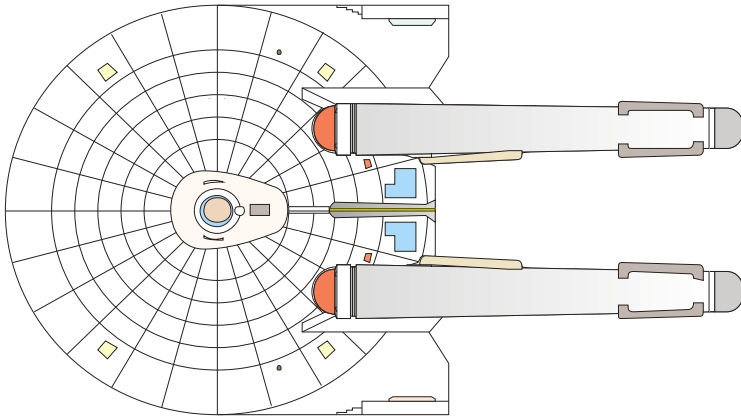
Designed to take advantage of the new breakthroughs in starship design, this ship class was created using the modular components of the new Constitution class. The Saladin and Hermes made excellent companions to the Constitution Class, and formed the basis for the new Class 1 fleet. Up-rated during the Four Years War with phaser and photon armament they served through the General War. Like the Constitution class, these ships were refitted with new technology.

	Initial Configuration		Phaser Refit		Hermes class Scout	
Size						
Dimensions	228 x 127 x 58		228 x 127 x 58		228 x 127 x 58	
Hull spaces	140		142		140	
Structure						
Shields	Rated 30		Rated 36		Rated 36	
Superstructure	30		30		30	
Power & Speed						
Warp drive	40 GW		44 GW		44 GW	
Impulse	20 GW		20 GW		20 GW	
Auxiliary	3 GW		2 GW		2 GW	
Cruising speed	W 6.0		W 6.0		W 6.0	
Emergency speed	W 7.5		W 8.0		W 8.0	
P-W ratio	5.5 : 1		5.5 : 1		5.5 : 1	
Complement	180		180		170	
Shuttles	2		2		2	
Armament	FLC+	2 F	FH3	2 F	FH3	2 F
		2 P		2 P		
		2 S		2 S		
	FA3	3 F	FP1	2 F		
SYSTEMS	S <sub>3</sub>	10	S <sub>3</sub>	12	S <sub>3</sub>	12
	A <sub>3</sub>	10	A <sub>3</sub>	10	A <sub>3</sub>	10
	W <sub>4</sub>	10	W <sub>4</sub>	11	W <sub>4</sub>	11
	I <sub>2</sub>	10	I <sub>2</sub>	10	I <sub>2</sub>	10
	B	3	B	2	B	2
	Q	20	Q	19	Q	19
	X <sub>4</sub>	5	X <sub>4</sub>	5	X <sub>4</sub>	5
					Xs <sub>4</sub>	16
	C <sub>4</sub>	3	C <sub>4</sub>	3	C <sub>4</sub>	4
	L <sub>4</sub>	4	L <sub>4</sub>	3	L <sub>4</sub>	8
	V	2	V	2	V	2
	Tr	2	Tr	2	Tr	2
	Tb	1	Tb	1	Tb	1
	H	12	H	10	H	10
			Mg	2		



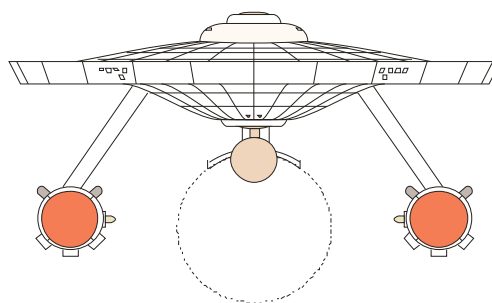
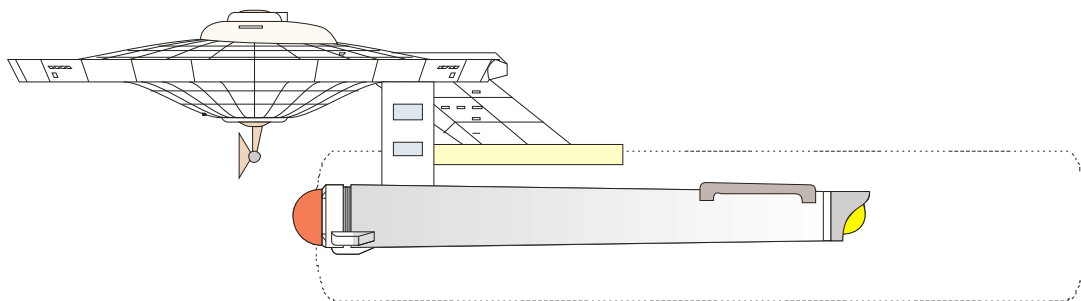
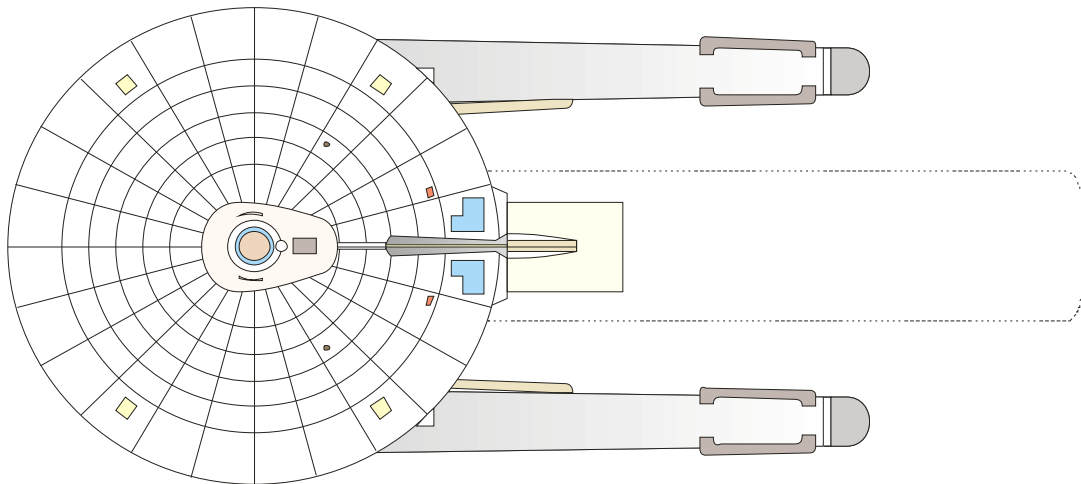
Designed as a smaller and cheaper alternative to the Hermes Class Scout, the Nelson retained all around defensive phaser firepower, while sacrificing little of the scanner capabilities of its larger cousin. Many of the vessels were converted to frigates during the General War, and served in this role throughout the war.

	Scout		Frigate Refit	
Size				
Dimensions	205 x 110 x 47		205 x 110 x 47	
Hull spaces	105		105	
Structure				
Shields	Rated 24		Rated 30	
Superstructure	21		21	
Power & Speed				
Warp drive	32 GW		32 GW	
Impulse	12 GW		12 GW	
Auxiliary	2 GW		2 GW	
Cruising speed	W 6.0		W 6.0	
Emergency speed	W 8.0		W 8.0	
P-W ratio	4 : 1		4 : 1	
Complement	100		100	
Shuttles	2		2	
Armament	FH2    2 F 1 Pa 1 Sa		FH3    2 F 1 Pa 1 Sa FP2    1 F	
SYSTEMS	S <sub>3</sub>	8	S <sub>3</sub>	10
	A <sub>3</sub>	7	A <sub>3</sub>	7
	W <sub>4</sub>	8	W <sub>4</sub>	8
	I <sub>2</sub>	6	I <sub>2</sub>	6
	B	2	B	2
	Q	11	Q	11
	Xs <sub>4</sub>	14		
	X <sub>4</sub>	4	X <sub>4</sub>	4
	C <sub>4</sub>	2	C <sub>4</sub>	2
	L <sub>4</sub>	6	L <sub>4</sub>	4
	V	2	V	2
	Tr	2	Tr	2
	Tb	1	Tb	1
	H	8	H	8
			Mg	1



Although patterned after and resembling a Class 1 Starship, The Derf Class vessels are actually built as Class 2 ships. The main role of the ship in the interior of the Federation is maintenance and repair of space lane buoys (freeing more valuable ships from this task), as well as minor patrol duties. The vessel has been used as a light repair ship in small fleets. It is also used as a diplomatic ship as it has large spacious quarters .

	Derf	
Size		
Dimensions	192 x 110 x 45	
Hull spaces	115	
Structure		
Shields	Rated 24	
Superstructure	24	
Power & Speed		
Warp drive	32 GW	
Impulse	16 GW	
Auxiliary	2 GW	
Cruising speed	W 5.5	
Emergency speed	W 7.0	
P-W ratio	4.5 : 1	
Complement	80	
Shuttles	6	
Armament	FH3      2 F 1 Pa 1 Sa	
SYSTEMS	S <sub>3</sub> 8 A <sub>3</sub> 8 W <sub>4</sub> 8 I <sub>2</sub> 8 B           2 Q <sub>+</sub> 12 Xs <sub>4</sub> 9 X <sub>4</sub> 3 C <sub>4</sub> 3 L <sub>4</sub> 3 V           4 V <sub>R</sub> 6 Tr          2 Tb          1 H           10	

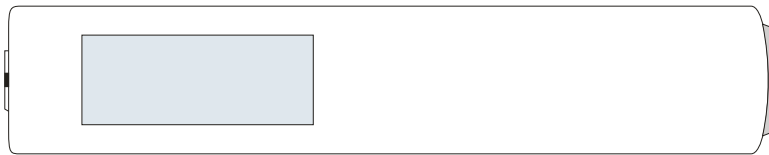


One of the first Class 1 designs (after the Constitution) these ships were supposed to be the solution to Transport Command's problems. Although they performed their duties well, the limitations of a non - dedicated design shone through. They contained full structural, power, and scientific capabilities of a class 1 vessel, in a starship which rather sedately moved transport containers around. They definitely did not go "where no one has gone before." Consequently the entire fleet was decommissioned, and the role of moving transport containers fell upon other vessels. They were resurrected in the General War, when the need for armed transports and Q-ships was at an all time high.

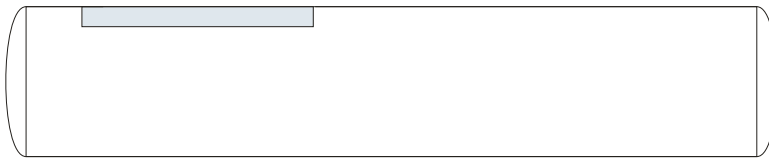
	Ptolemy	
Size		
Dimensions	222 x 127 x 66	
Hull spaces	175	
Structure		
Shields	Rated 42 (28 w/ 2 pods)	
Superstructure	42	
Power & Speed		
Warp drive	96 GW	
Impulse	24 GW	
Auxiliary	4 GW	
Cruising speed	W 8.0	
	W 6.0   (1 pod)	
	W 4.5   (2 pods)	
Emergency speed	W 9.5	
	W 8.0   (1 pod)	
	W 5.5   (2 pods)	
P-W ratio	7.0 : 1 / 12 : 1 / 17 : 1	
Complement	155	
Shuttles	2	
Armament	FH3   2 F 1 Pa 1 Sa	
SYSTEMS	S <sub>3</sub> 14 A <sub>3</sub> 14 W <sub>4</sub> 24 I <sub>2</sub> 12 B          4 Q          17 X <sub>4</sub> 5 C <sub>4</sub> 3 L <sub>4</sub> 1 V          2 T <sub>PD</sub> 1 Tr         2 Tb         3 H          8	



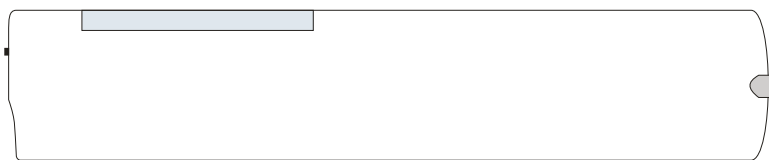
**Cargo Container (Plan)**



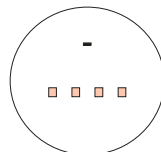
**Starliner (Plan)**



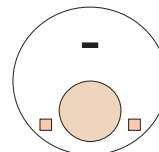
**Cargo Container (Profile)**



**Starliner (Profile)**



**Cargo Container  
(View Forward)**



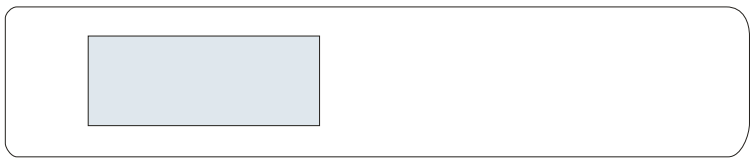
**Starliner**

The standard Class I cargo container is configurable for carrying all types of cargo. The passenger liner pod is equipped with an oversize impulse engine and can be used by itself for interplanetary or short interstellar trips.

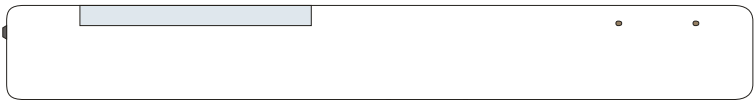
	Cargo Pod	Starliner Pod
Size		
Dimensions	195 x 40 x 40	195 x 40 x 40
Hull spaces	225	225
Structure		
Shields	-	Rated 16 - 24
Superstructure	12 - 30	24 - 36
Power & Speed		
Impulse		24 GW
Auxiliary	3 GW	6 GW
Cruising speed		W 0.75
P-W ratio	5.0 : 1	6.0 : 1
Complement	10	150 + 1000 passengers
Shuttles	5 - 3	12
SYSTEMS		
	A <sub>1-3</sub> 12 - 10	S <sub>2-3</sub> 8
		A <sub>2-3</sub> 12
		I <sub>2</sub> 12
	B      3	B      6
	Q      1	Q      125
		X <sub>3</sub> 3
		C <sub>3</sub> 3
		L <sub>4</sub> 1
	V      5 - 3	V      12
	Tr      0 - 4	Tr      6
		Tb      1
	H      205	H      36



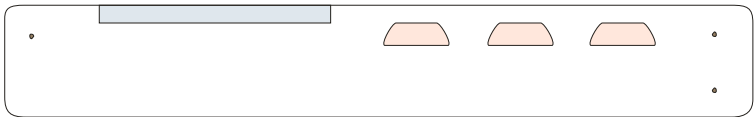
**Battle Pod (Plan)**



**Carrier Pod (Plan)**



**Battle Pod (Profile)**

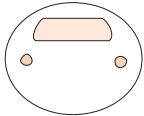


**Carrier Pod (Profile)**



**Battle Pod**

**(View Forward)**



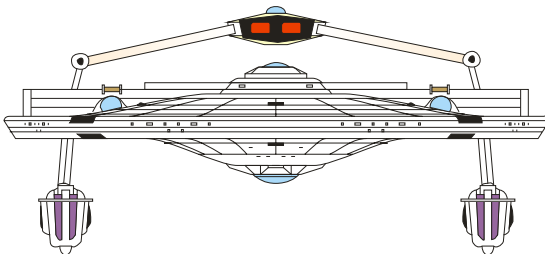
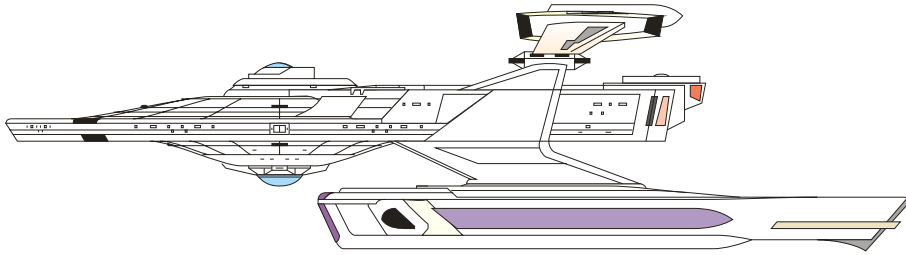
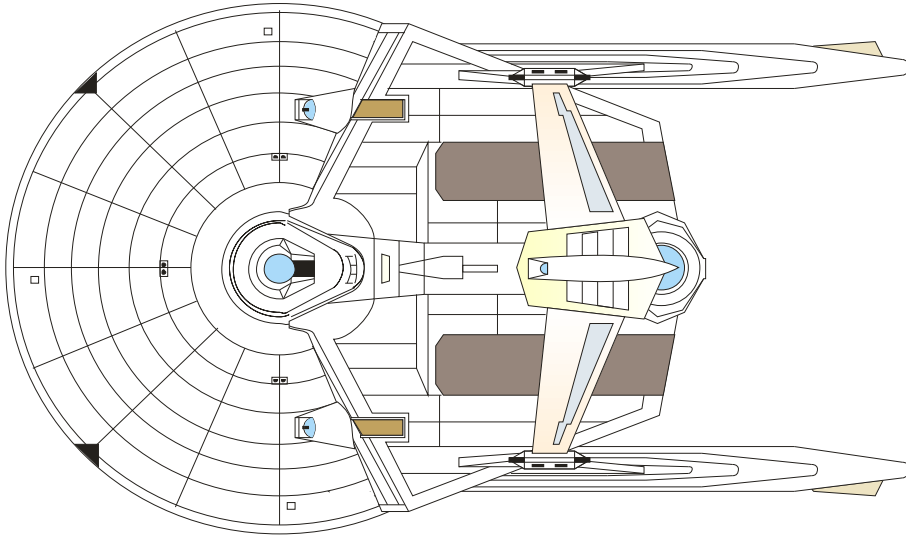
**Carrier Pod**

The battle pod and shuttle-carrier pod were designed during the General War to press transports into use as cruisers and carriers. The shuttle-carrier pod was eventually phased out (with attack shuttles) while the battle pod is still used effectively, especially when upgraded and fitted to the Ross class (and later) fleet tugs.

	Battle Pod		Shuttle-carrier Pod	
Size				
Dimensions	195 x 36 x 25		195 x 36 x 30	
Hull spaces	125		160	
Structure				
Shields	Rated 36		Rated 36	
Superstructure	30		36	
Power & Speed				
Impulse	24 GW		24 GW	
Auxiliary	50 GW		33 GW	
Cruising speed	W 0.75		W 0.75	
P-W ratio	5.0 : 1		6.0 : 1	
Complement	60		160	
Shuttles			36	
Armament	FH3    2 F 2 P 2 S FH1    2 P 2 S FP2    2 F 1 A		FHG    3 F 3 P 3 S	
SYSTEMS	S <sub>3</sub>	12	S <sub>3</sub>	12
	A <sub>3</sub>	10	A <sub>3</sub>	12
	W <sub>4R</sub>	12	W <sub>4R</sub>	8
	I <sub>2</sub>	8	I <sub>2</sub>	8
	B	2	B	1
	Q	13	Q	18
	X <sub>4</sub>	4	X <sub>4</sub>	4
	C <sub>4</sub>	4	C <sub>4</sub>	4
			V	36
	Tr	2	Tr	2
			Tb	6
	H	7	H	5
	Mg	6	Mg	10

# AVENGER CLASS HEAVY CRUISER

1 : 2000

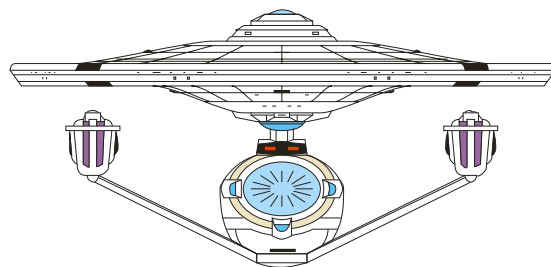
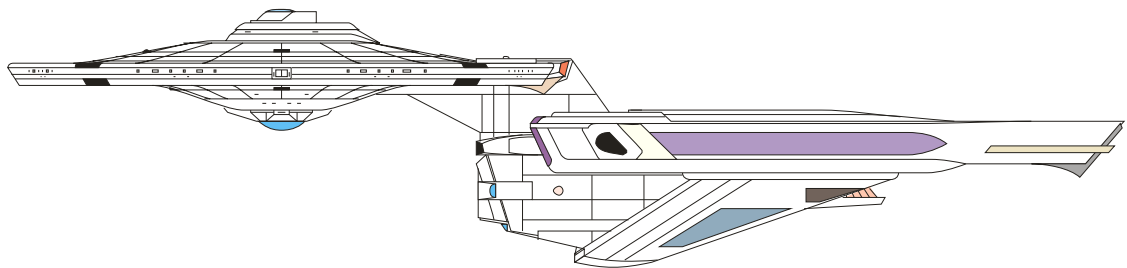
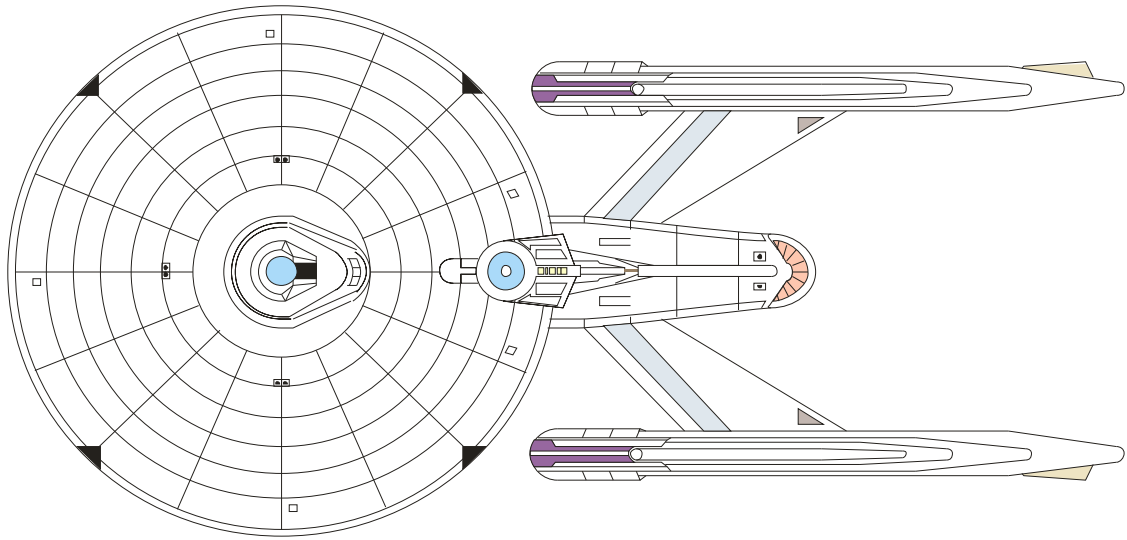


Originally refitted from the Surya Class Heavy Cruiser, these ships were designed to provide improved defensive capabilities to Star Fleet's class one ships. The first design to use both mega-phasers and photon torpedoes to give increased all around firepower. It was found that the mega-phasers had an enormous power drain, leading designers to fit a large impulse drive. Another new feature was the "roll-bar" weapons pod, which allowed the installation of a hot (pre-armed) torpedo magazine, well away from the hull. This class is followed by the Cayne Class Heavy Cruiser, which are new construction "Avengers".

	Avenger	
Size		
Dimensions	235 x 142 x 66	
Hull spaces	340	
Structure		
Shields	Rated 100	
Superstructure	96	
Power & Speed		
Warp drive	130 GW	
Impulse	54 GW	
Auxiliary	4 GW	
Cruising speed	W 7.5	
Emergency speed	W 9.5	
P-W ratio	13.5 : 1	
Complement	380	
Shuttles	16	
Armament	FH3+ 4 F 4 P 4 S FHM 2 P+ 2 S+ FP6 2 F 2 A	
SYSTEMS	S <sub>4</sub> 25 A <sub>4</sub> 24 W <sub>5</sub> 26 I <sub>3</sub> 18 B 4 Q 40 X <sub>5</sub> 4 C <sub>5</sub> 4 L <sub>5</sub> 6 V 16 Tr 4 Tb 3 H 22 Mg 4+4	

# BELKNAP CLASS HEAVY CRUISER

1 : 2000

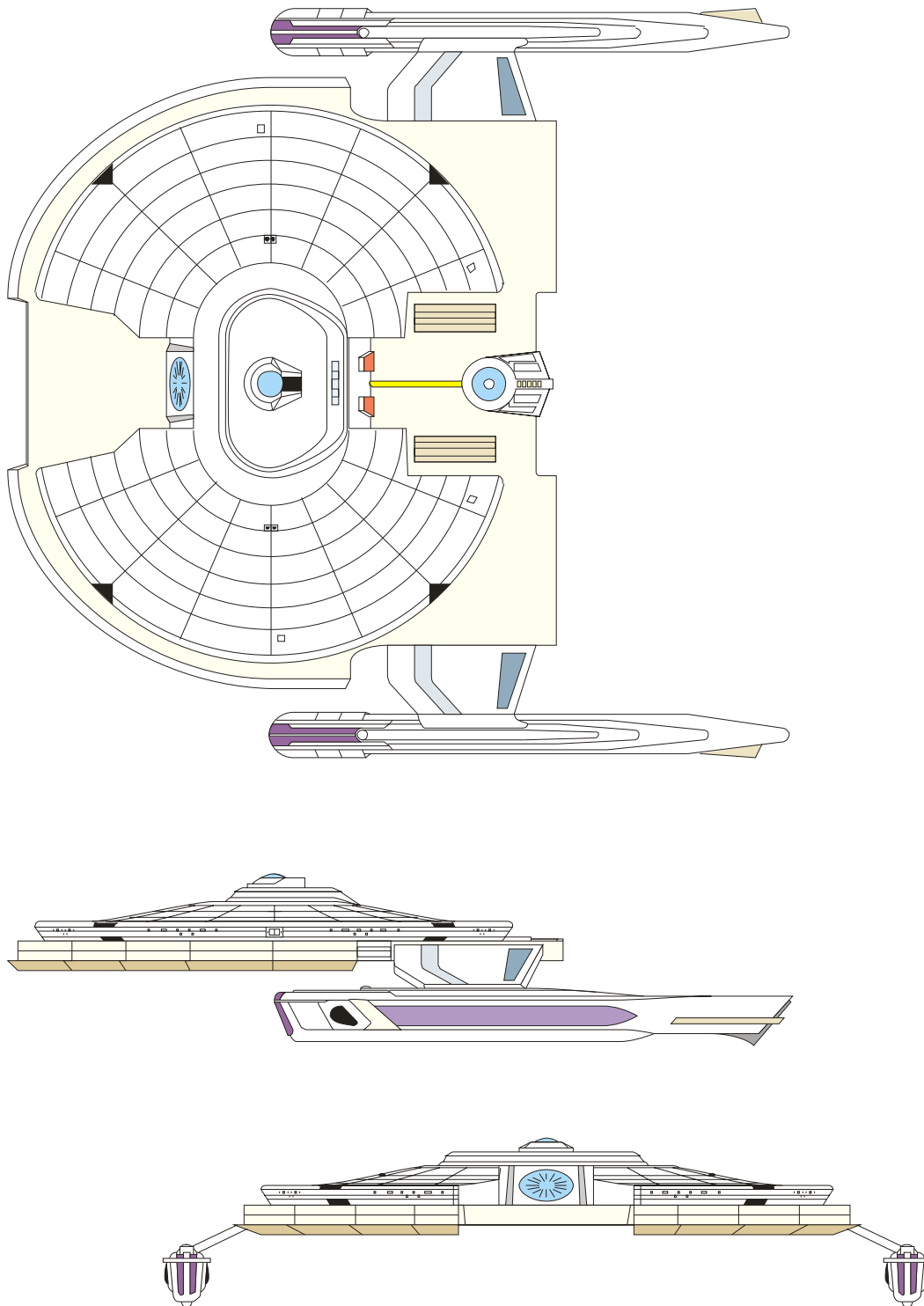


Designed to replace the Enterprise Class Heavy Cruiser in patrol duties, these ships were designed to enhance the military capabilities of Tac-Fleet. This Class will free the more scientifically versatile cruisers for exploration while maintaining the Heavy Cruiser presence. The class is based upon the prototype Decatur class, and the design forms the basis of the Ascension Class Dreadnought

	Belknap	
Size		
Dimensions	290 x 142 x 70	
Hull spaces	275	
Structure		
Shields	Rated 100	
Superstructure	72	
Power & Speed		
Warp drive	110 GW	
Impulse	36 GW	
Auxiliary	4 GW	
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	11.0 : 1	
Complement	330	
Shuttles	7	
Armament	FH3+ 4 F 4 P 4 S 4 O FP6 2 F 1 A	
SYSTEMS	S <sub>4</sub> 25 A <sub>4</sub> 18 W <sub>5</sub> 22 I <sub>3</sub> 12 B 4 Q 35 X <sub>5</sub> 6 C <sub>5</sub> 5 L <sub>5</sub> 4 V 7 Tr 4 Tb 2 H 15 Mg 6	

# BRENTON CLASS HEAVY CRUISER

1 : 2000

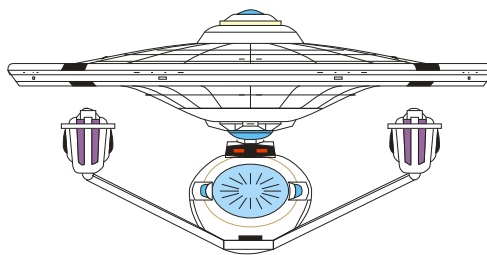
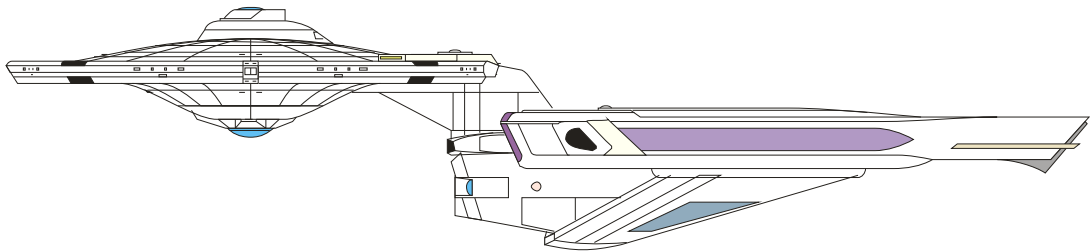
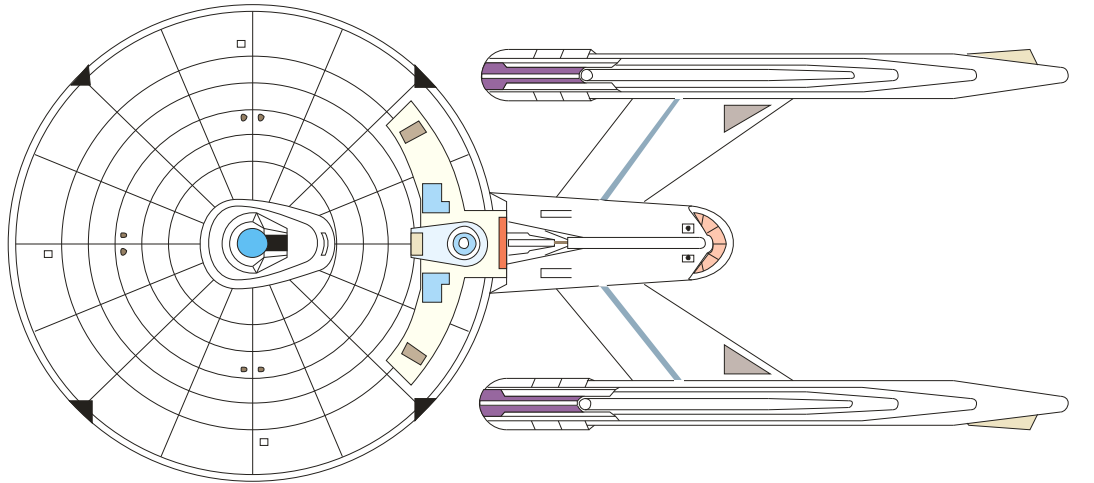


Designed to meet the needs of a scout ship heavier than an escort or destroyer class the Brenton was unveiled on Stardate 8922. Originally designed for both the Galactic Exploration and Deep Space fleet, the all phaser armament proved to be inadequate for both roles. Also questionable was the proprietary shield system that was installed, to keep costs down. The two "Opera 1" sensors did perform properly. The Norton was fitted with surplus photon torpedoes to increase firepower after surviving a serious combat situation. All later construction vessels were equipped with additional phasers and photon torpedoes. Original plans were for 145 vessels, but due to the dismal combat performance only 47 ships were built.

	Brenton		Norton	
Size				
Dimensions	232 x 228 x 51		232 x 228 x 51	
Hull spaces	325		325	
Structure				
Shields	Rated 70		Rated 64	
Superstructure	80		80	
Power & Speed				
Warp drive	110 GW		110 GW	
Impulse	36 GW		36 GW	
Auxiliary	4 GW		4 GW	
Cruising speed	W 7.0		W 7.0	
Emergency speed	W 9.0		W 9.0	
P-W ratio	13.0 : 1		13.0 : 1	
Complement	280		285	
Shuttles	12		10	
Armament	FH3+ 4 F		FH3+ 4 F	
	2 P		2 P	
	2 S		2 S	
	2 A		2 A	
			2 O	
			FP5 2 F	
SYSTEMS	S <sub>3+</sub>	20	S <sub>4</sub>	16
	A <sub>4</sub>	20	A <sub>4</sub>	20
	W <sub>5</sub>	22	W <sub>5</sub>	22
	I <sub>3</sub>	12	I <sub>3</sub>	12
	B	4	B	4
	Q	30	Q	30
	X <sub>5</sub>	7	X <sub>5</sub>	7
	Xs <sub>5</sub>	50	Xs <sub>5</sub>	50
	C <sub>5</sub>	5	C <sub>5</sub>	5
	L <sub>5</sub>	14	L <sub>5</sub>	12
	V	12	V	10
	Tr	4	Tr	4
	Tb	3	Tb	3
	H	48	H	40
			Mg	4

# DECATUR CLASS HEAVY CRUISER

1 : 2000

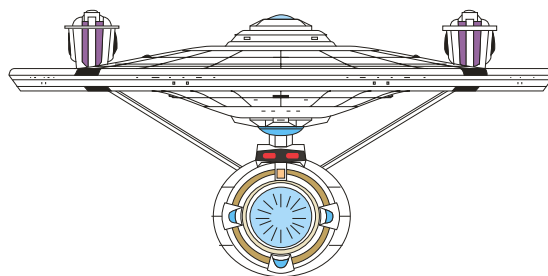
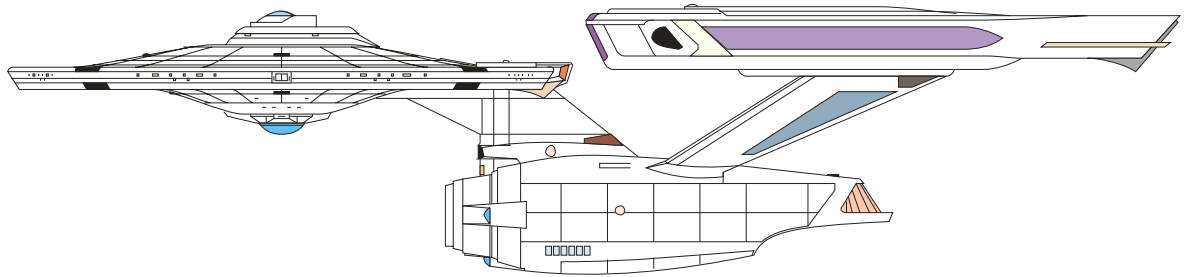
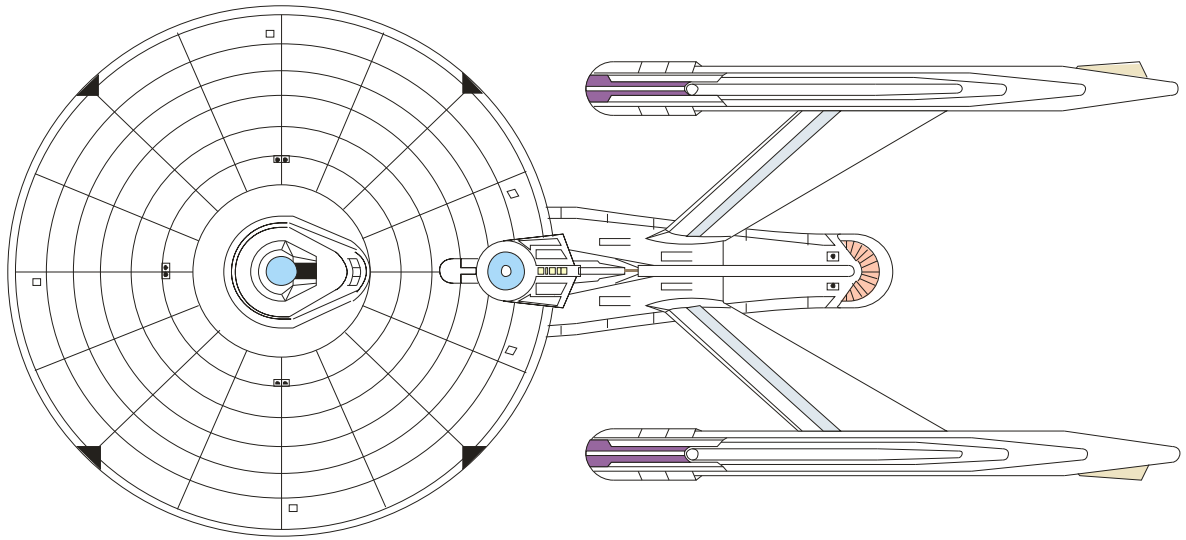


Originally refitted from hulls of decommissioned Ptolemy Class Transports, the ten ships of this class were rebuilt as test bed ships for much of the Federation's new technology, including Linear Warp drive. They were faster and more powerful than the comparable Constitution Class, and led to the refitting of that class to a new Class 1-B standard. A "from the ground up" Class 1-B version, the Belknap Class, superseded them in new construction. This class may be returned to limited production for export customers. The new build ships would not suffer from the W 9.0 structural limitation of the prototypes.

	Prototypes		Export Version	
Size				
Dimensions	280 x 127 x 68		280 x 127 x 69	
Hull spaces	225		225	
Structure				
Shields	Rated 70		Rated 72	
Superstructure	64		64	
Power & Speed				
Warp drive	90 GW		90 GW	
Impulse	28 GW		36 GW	
Auxiliary	5 GW		4 GW	
Cruising speed	W 7.0		W 8.5	
Emergency speed	W 9.0		W 10	
P-W ratio	9.0 : 1		9.0 : 1	
Complement	280		270	
Shuttles	6		6	
Armament	FH3+ 2 F		FH3+ 4 F	
	2 P		4 P	
	2 S		4 S	
	2 A		2 O	
	2 O		FP5 2 F	
	FP1 2 F		1 A	
SYSTEMS	S <sub>3+</sub>	20	S <sub>4</sub>	18
	A <sub>4</sub>	16	A <sub>4</sub>	16
	W <sub>5+</sub>	184	W <sub>5</sub>	18
	I <sub>2</sub>	14	I <sub>3</sub>	12
	B	5	B	4
	Q	30	Q	28
	X <sub>5</sub>	6	X <sub>5</sub>	6
	C <sub>5</sub>	5	C <sub>5</sub>	5
	L <sub>5</sub>	4	L <sub>5</sub>	4
	V	6	V	6
	Tr	3	Tr	3
	Tb	2	Tb	1
	H	10	H	10
	Mg	4	Mg	3

# ENTERPRISE CLASS HEAVY CRUISER

1 : 2000



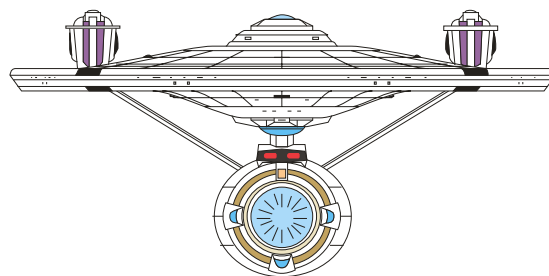
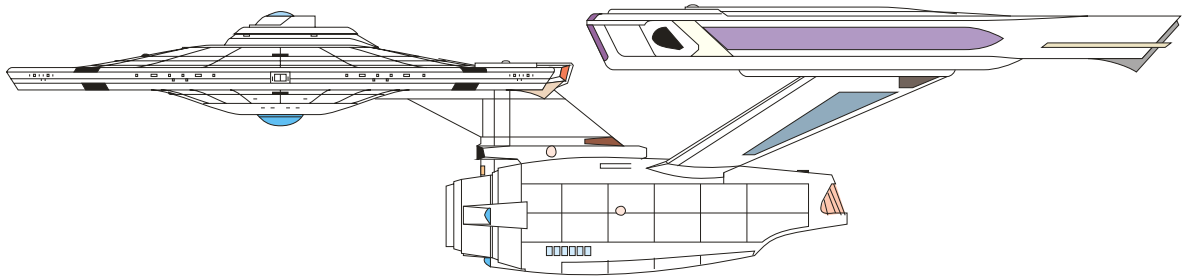
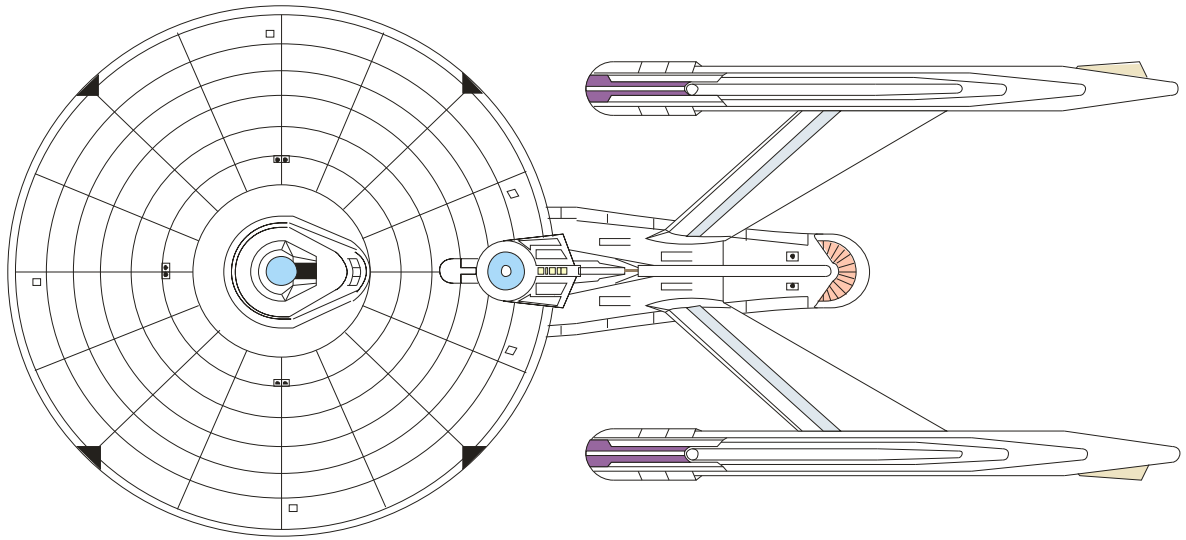
Designed to take advantage of the new breakthroughs in starship design, The Enterprise was the first Constitution class Starship to be refitted, resulting in a renaming of the class. Still regarded as the “Heavy Cruiser Standard”, The class includes new production as well as refits. The large number of Constitution class cruisers led to three different refits being done to the original class, the others being the Constitution (II) and the Tikopai classes.

On stardate 8450 a new refit of the Enterprise class was prototyped, using advances from the Excelsior project. It is expected that many vessels from the former classes will be upgraded.

	Enterprise		Enterprise (II)	
Size				
Dimensions	304 x 142 x 72		304 x 142 x 72	
Hull spaces	325		325	
Structure				
Shields	Rated 100		Rated 112	
Superstructure	80		80	
Power & Speed				
Warp drive	130 GW		144 GW	
Impulse	36 GW		36 GW	
Auxiliary	6 GW		6 GW	
Cruising speed	W 8.0		W 9.0	
Emergency speed	W 10.0		W 11.0	
P-W ratio	13 : 1		13 : 1	
Complement	440		440	
Shuttles	8		8	
Armament	FH3+ 4 F		FH3+ 4 F	
	4 P		4 P	
	4 S		4 S	
	4 O		4 O	
	FP6 2 F		FP6 2 F	
			1 A	
SYSTEMS	S <sub>4</sub>	25	S <sub>4</sub>	25
	A <sub>4</sub>	20	A <sub>4</sub>	20
	W <sub>5</sub>	26	W <sub>6</sub>	24
	I <sub>3</sub>	12	I <sub>3</sub>	12
	B	6	B	6
	Q	50	Q	50
	X <sub>5</sub>	8	X <sub>5</sub>	8
	C <sub>5</sub>	6	C <sub>5</sub>	6
	L <sub>5</sub>	12	L <sub>5</sub>	12
	V	8	V	8
	Tr	5	Tr	5
	Tb	2	Tb	2
	H	27	H	27
	Mg	6	Mg	6

# TIKOPAI CLASS HEAVY CRUISER

1 : 2000

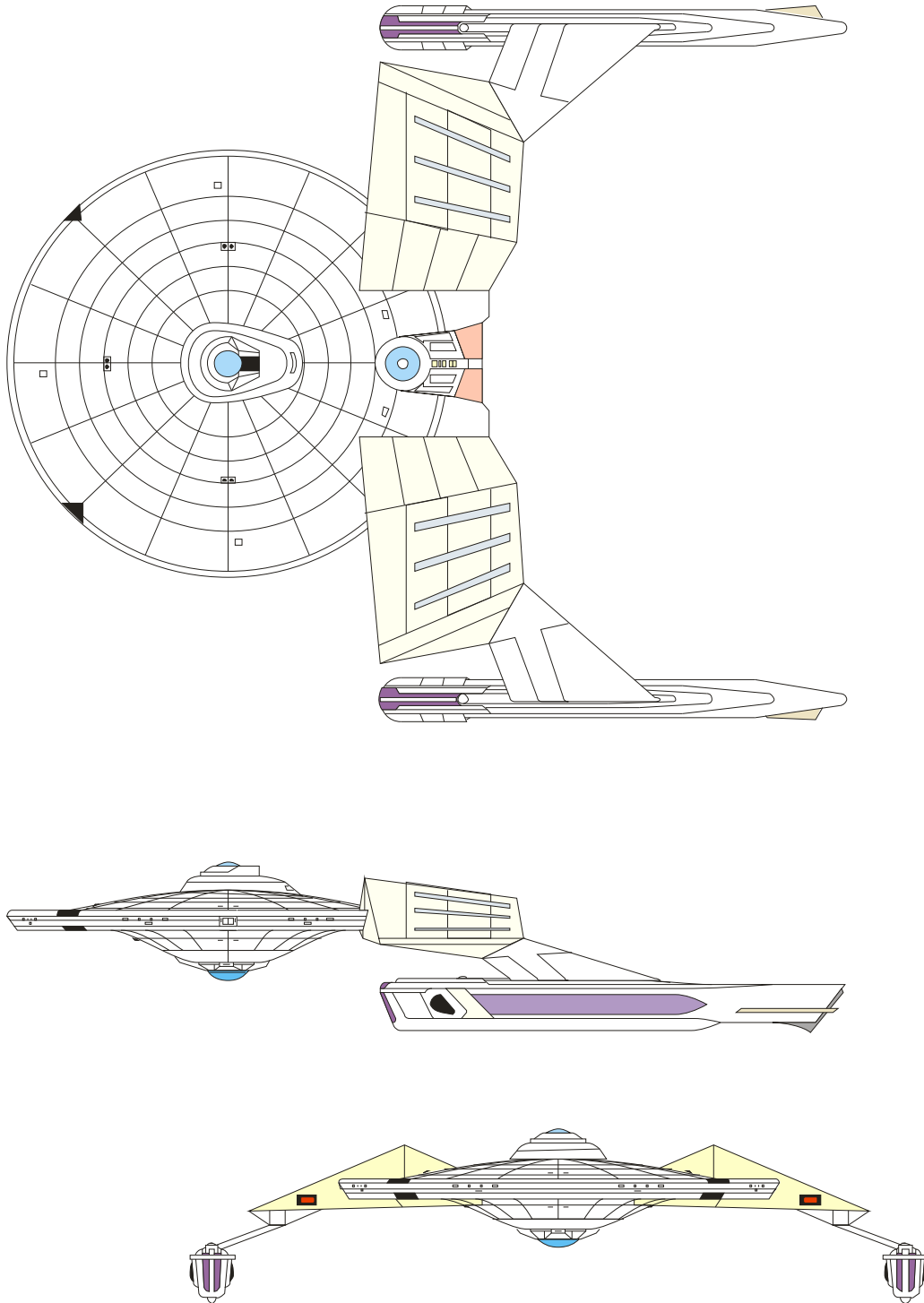


Designed to take advantage of new breakthroughs in starship design, the Tikopai class was the third Constitution class refit, resulting in a military class for Tac-Fleet. This class includes new production as well as refits. The large number of Constitution class cruisers led to three different refits being done to the original class, the others being the Constitution (II) and the Enterprise classes.

	Tikopai	
Size		
Dimensions	302 x 140 x 72	
Hull spaces	300	
Structure		
Shields	Rated 100	
Superstructure	80	
Power & Speed		
Warp drive	120 GW	
Impulse	36 GW	
Auxiliary	6 GW	
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	12 : 1	
Complement	360	
Shuttles	7	
Armament	FH3+ 4 F 4 P 4 S 2 A 4 O FP6 2 F 1 A	
SYSTEMS	S <sub>4</sub> 25 A <sub>4</sub> 20 W <sub>5</sub> 24 I <sub>3</sub> 12 B         6 Q        40 X <sub>5</sub> 7 C <sub>5</sub> 6 L <sub>5</sub> 4 V         7 Tr        4 Tb        2 H        15 Mg       8	

# CHANDLEY CLASS LIGHT CRUISER

1 : 2000

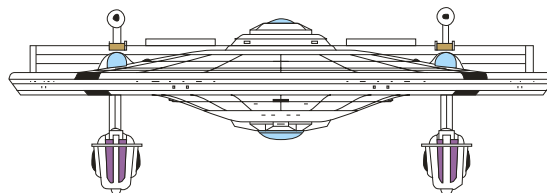
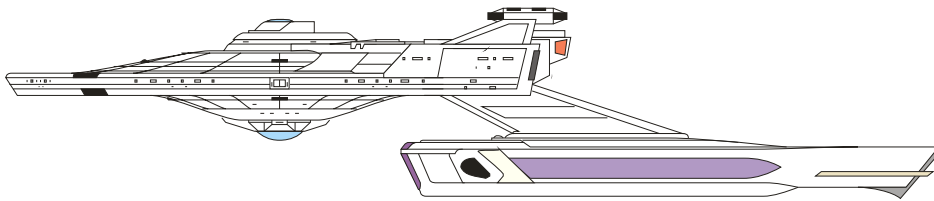
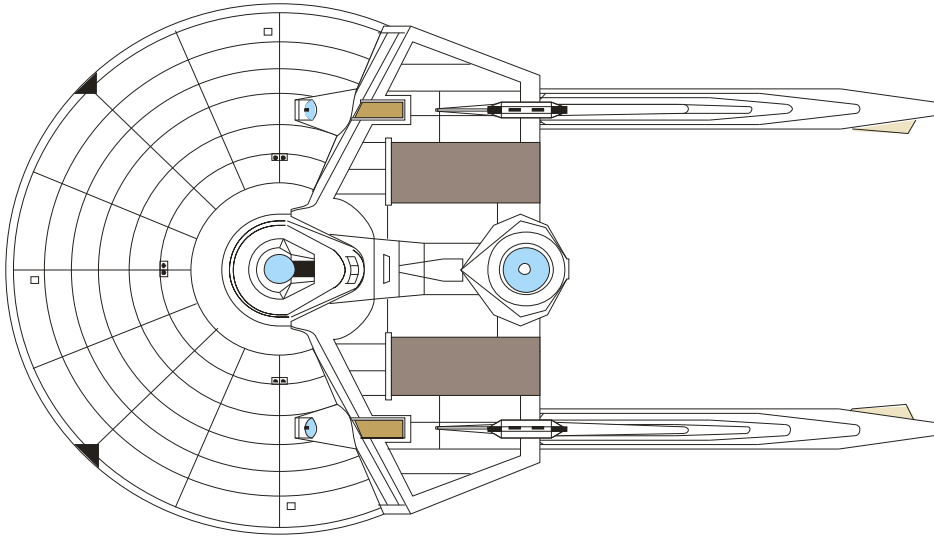


Designed to provide Tac-Fleet with a cruiser with some troop transport potential, the Chandleys also proved to be effective Light Cruisers. They will serve alongside the Knox and Ranger classes. Equipped with marine barracks and two assault shuttle bays they can effectively deploy a platoon for shipboard and planetary missions. It is interesting to note that this design comes at a time that the Klingon Empire, known for cruisers with troop transport ability, are now designing ships without such capabilities.

	Chandley	
Size		
Dimensions	244 x 214 x 51	
Hull spaces	210	
Structure		
Shields	Rated 60	
Superstructure	60	
Power & Speed		
Warp drive	80 GW	
Impulse	30 GW	
Auxiliary	3 GW	
Cruising speed	W 7.5	
Emergency speed	W 9.5	
P-W ratio	8.5 : 1	
Complement	240 + 340 troops	
Shuttles	12	
Armament	FH2+ 2 F 2 FP 2 FS 2 P 2 S 2 A FP5 2 F	
SYSTEMS	S <sub>4</sub>	15
	A <sub>4</sub>	15
	W <sub>5</sub>	15
	I <sub>3</sub>	10
	B	3
	Q	42
	X <sub>5</sub>	3
	C <sub>5</sub>	4
	L <sub>5</sub>	3
	V	12
	Tr	6
	Tb	2
	H	16
	Mg	4

# KNOX CLASS LIGHT CRUISER

1 : 2000

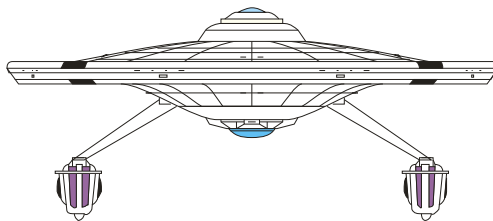
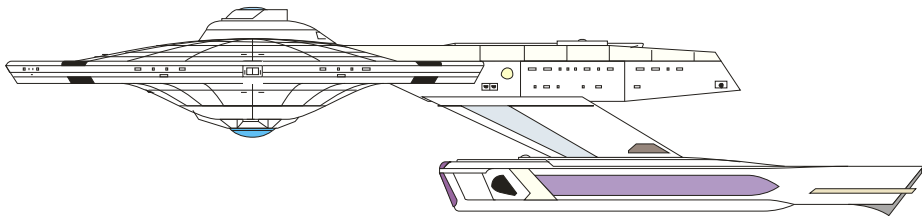
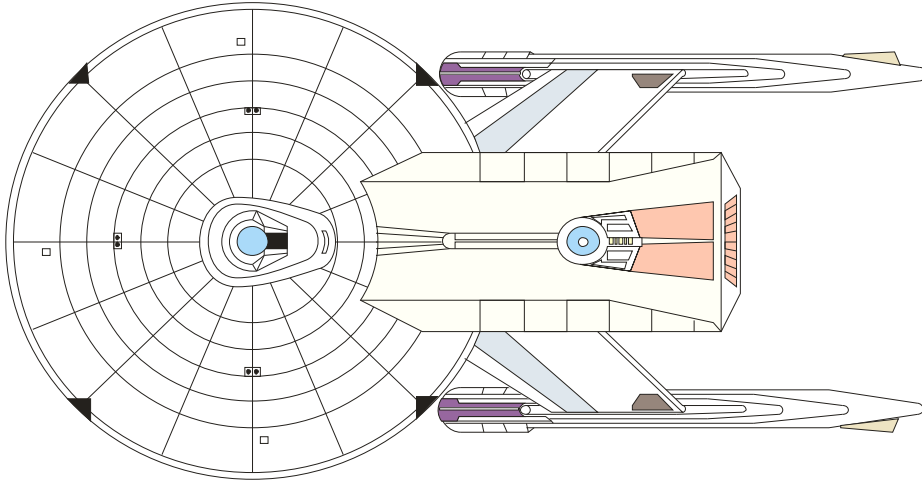


Another starship designed with an all phaser armament. The Knox performs well due to the massive firepower of the mega-phaser emplacements. The only drawback to this design philosophy is the high power demand that mega-phasers have on the ship, leading to the same huge impulse engine being installed in this class as that installed in the Avenger. In the impulse speed range this is one of the fastest vessels in Starfleet.

	Knox	
Size		
Dimensions	242 x 142 x 52	
Hull spaces	240	
Structure		
Shields	Rated 64	
Superstructure	64	
Power & Speed		
Warp drive	90 GW	
Impulse	54 GW	
Auxiliary	3 GW	
Cruising speed	W 7.5	
Emergency speed	W 9.5	
P-W ratio	9.5 : 1	
Complement	280	
Shuttles	10	
Armament	FH3+ 4 F 4 P 4 S FHM 2 P+ 2 S+	
SYSTEMS	S <sub>4</sub>	16
	A <sub>4</sub>	16
	W <sub>5</sub>	18
	I <sub>3</sub>	18
	B	3
	Q	30
	X <sub>5</sub>	4
	C <sub>5</sub>	4
	L <sub>5</sub>	4
	V	10
	Tr	3
	Tb	3
	H	15

# BAKER CLASS DESTROYER

1 : 2000

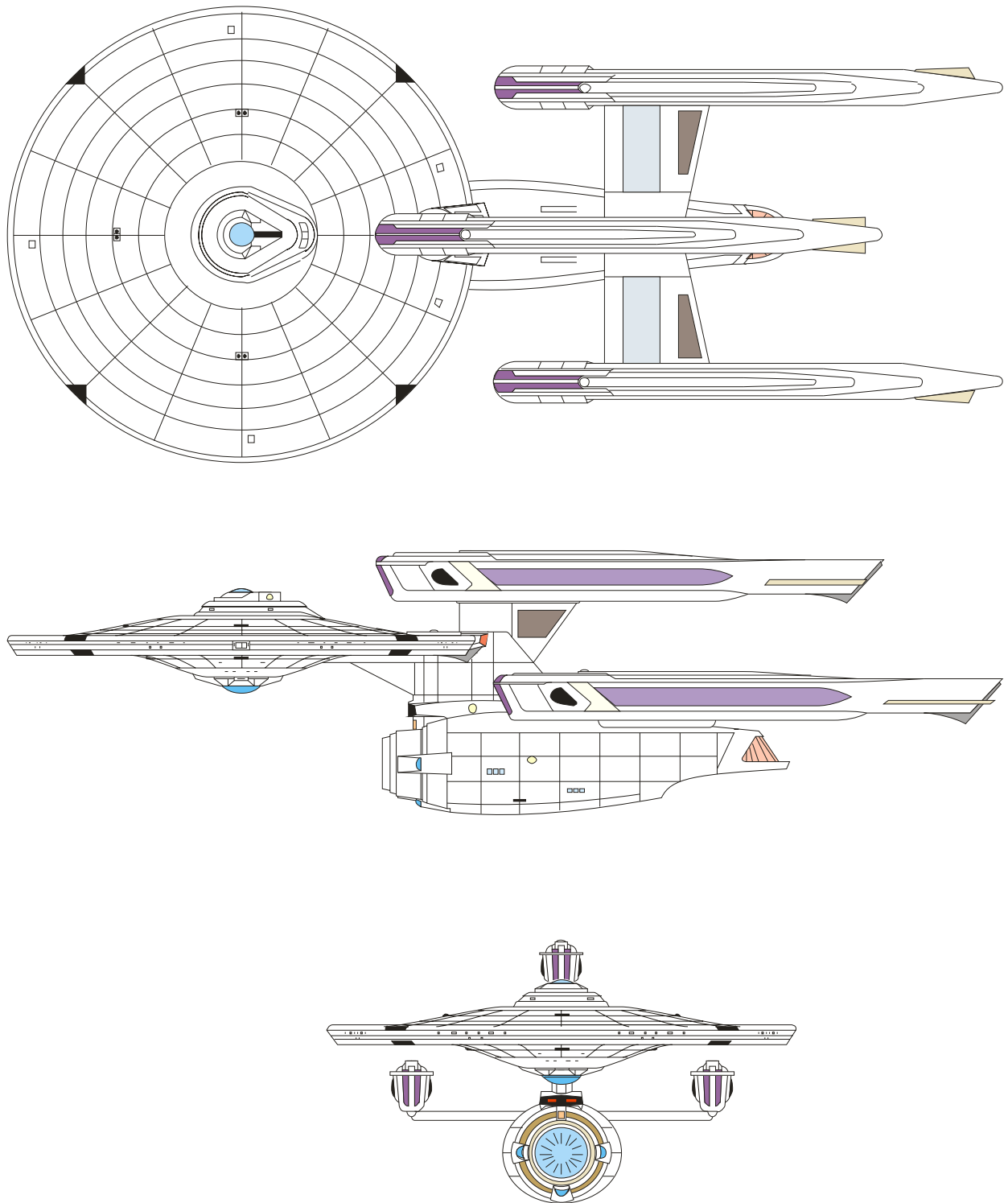


Another attempt to produce a viable starship with an all-phaser armament, the Baker turned out to be much more successful than the Brenton Class. Lacking the heavy hitting ability of mega-phasers or photon torpedoes was not as important to an escort vessel: especially when equipped with more phasers than many heavy cruisers.

	Baker	
Size		
Dimensions	237 x 127 x 55	
Hull spaces	200	
Structure		
Shields	Rated 60	
Superstructure	60	
Power & Speed		
Warp drive	80 GW	
Impulse	16 GW	
Auxiliary	2 GW	
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	8.0 : 1	
Complement	205	
Shuttles	8	
Armament	FH3+ 4 F 6 P 6 S 1 Pa+ 1 Sa+	
SYSTEMS	S <sub>4</sub> 15 A <sub>4</sub> 15 W <sub>5</sub> 16 I <sub>3</sub> 8 B 2 Q 22 X <sub>5</sub> 4 C <sub>5</sub> 3 L <sub>5</sub> 5 V 8 Tr 3 Tb 1 H 12	

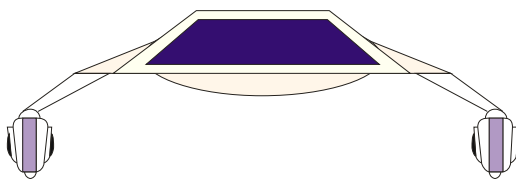
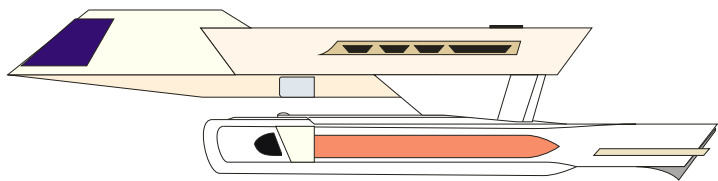
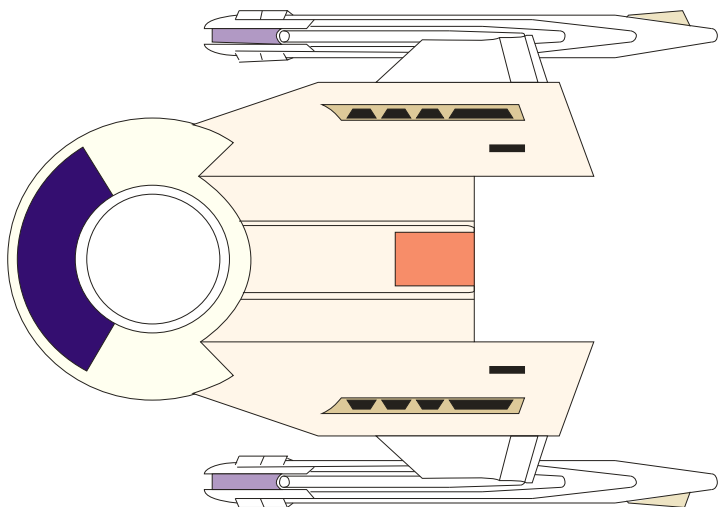
# FEDERATION (II) CLASS DREADNOUGHT

1 : 2100



86 of the original Federation class Dreadnoughts were refitted to Class 1-B standards. It was felt by Starfleet that refitting these ships would be more cost effective than building the new Komsomlosk class DN. These vessels now serve alongside the Ascension Class DN. It is expected that Starfleet will refit the remaining Federation class ships in the future, and build new-construction ships.

	Federation (II)	
Size		
Dimensions	340 x 160 x 92	
Hull spaces	500	
Structure		
Shields	Rated 120	
Superstructure	118	
Power & Speed		
Warp drive	270 GW	
Impulse	42 GW	
Auxiliary	6 GW	
Cruising speed	W 10.0	
Emergency speed	W 11.0	
P-W ratio	20 : 1	
Complement	520	
Shuttles	12	
Armament	FH4+   4 F 4 P 4 S 2 A 4 O FP6    4 F 2 A	
SYSTEMS	S <sub>4</sub> 45 A <sub>4</sub> 42 W <sub>5</sub> 54 I <sub>3</sub> 14 B          6 Q         55 X <sub>5</sub> 10 C <sub>5</sub> 8 L <sub>5</sub> 4 V         12 Tr        6 Tb        2 H         18 Mg        8	

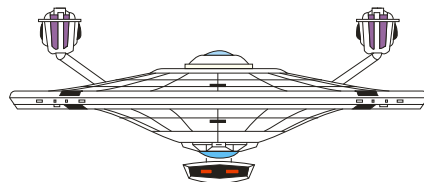
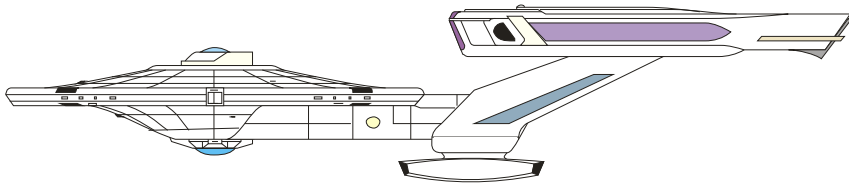
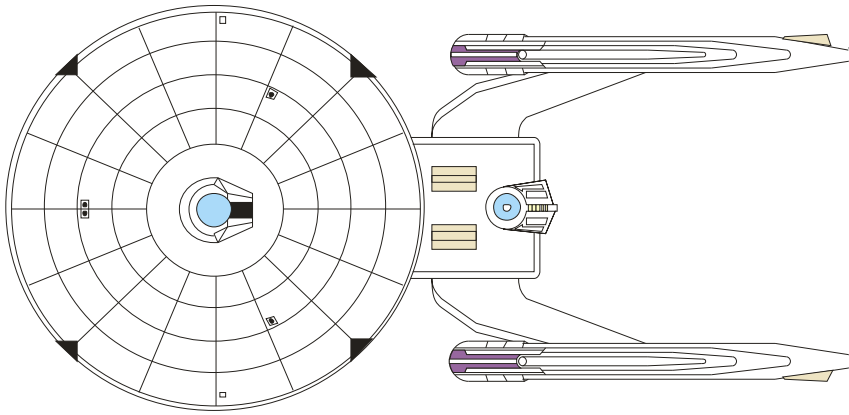


The Karekh is a Vulcan designed small scout craft. In use by Starfleet, the Vulcan Science Academy, and private prospectors, the vessel is usually only used for exploration of treaty territories. Most are lightly armed - the Vulcan vessels may have more science space in place of weaponry.

	Karekh	
Size		
Dimensions	46 x 33 x 11	
Hull spaces	22	
Structure		
Shields	Rated 16	
Superstructure	16	
Power & Speed		
Warp drive	10 GW	
Impulse	3 GW	
Auxiliary		
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	1.0 : 1	
Complement	12	
Shuttles	none	
Armament	FH2+ 1 Fx	
SYSTEMS	<div> <div>S<sub>4</sub></div> <div>2</div> </div> <div> <div>A<sub>4</sub></div> <div>2</div> </div> <div> <div>W<sub>5</sub></div> <div>2</div> </div> <div> <div>I<sub>3</sub></div> <div>1</div> </div> <div> <div>B</div> <div></div> </div> <div> <div>Q</div> <div>2</div> </div> <div> <div>X<sub>5</sub></div> <div>1</div> </div> <div> <div>C<sub>5</sub></div> <div>1</div> </div> <div> <div>L<sub>5</sub></div> <div>2</div> </div> <div> <div>V</div> <div></div> </div> <div> <div>Tr</div> <div>1*</div> </div> <div> <div>Tb</div> <div></div> </div> <div> <div>H</div> <div>2</div> </div>	

# BURKE (II) CLASS FRIGATE

1 : 2000

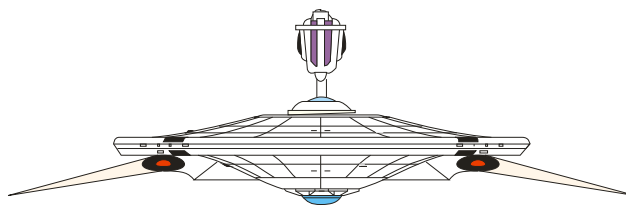
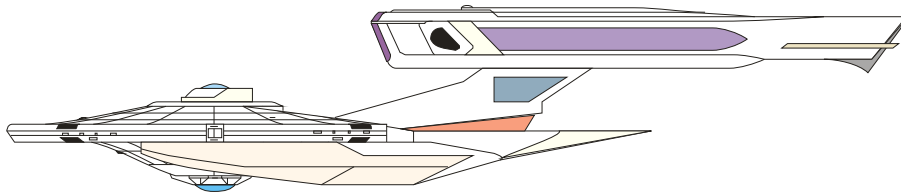
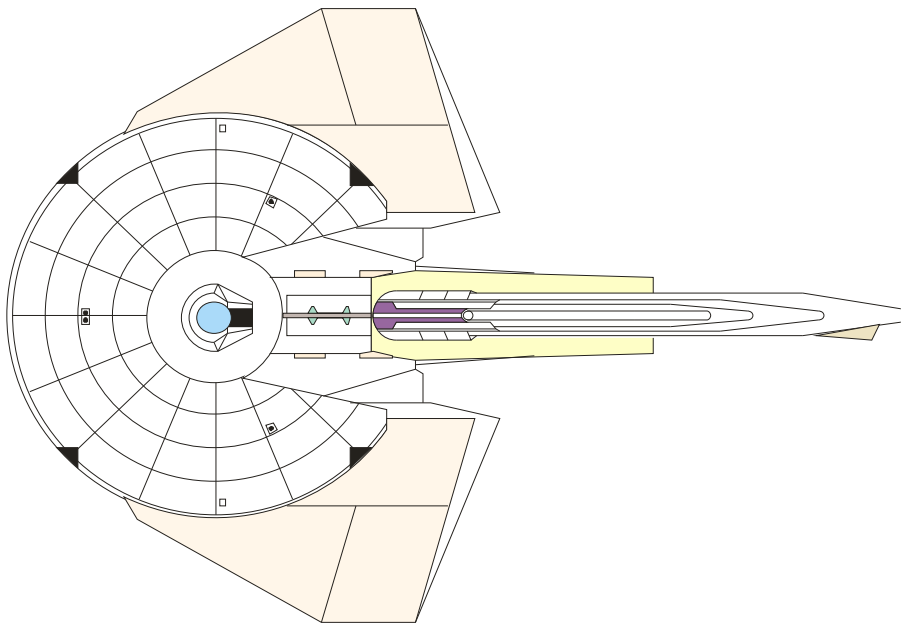


Designed and built as new Class 1-B Starships, this class is the largest frigate class built in peacetime. Based on her Class 1 counterpart (of which the survivors were decommissioned as “too worn out” after the General War), it is an effective escort. As small as reasonably possible, the Burke (II) was designed with a heavy torpedo armament for a ship its size.

	Burke (II)	
Size		
Dimensions	218 x 110 x 43	
Hull spaces	125	
Structure		
Shields	Rated 40	
Superstructure	40	
Power & Speed		
Warp drive	50 GW	
Impulse	18 GW	
Auxiliary	1 GW	
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	5.0 : 1	
Complement	140	
Shuttles	2	
Armament	FH2+ 4 F 2 Pa 2 Sa FP5 2 F 1 A	
SYSTEMS	S <sub>4</sub>	10
	A <sub>4</sub>	10
	W <sub>5</sub>	10
	I <sub>3</sub>	6
	B	1
	Q	15
	X <sub>5</sub>	3
	C <sub>5</sub>	3
	L <sub>5</sub>	2
	V	2
	Tr	2
	Tb	1
	H	9
	Mg	3

# REMORA CLASS FRIGATE

1 : 2000

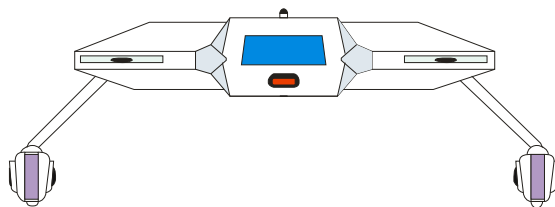
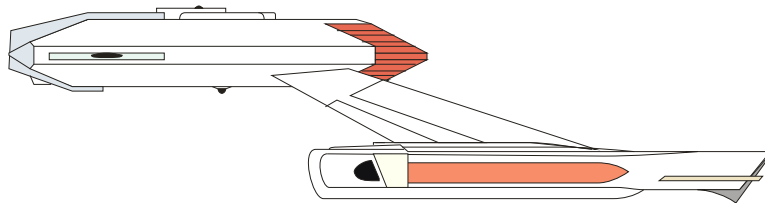
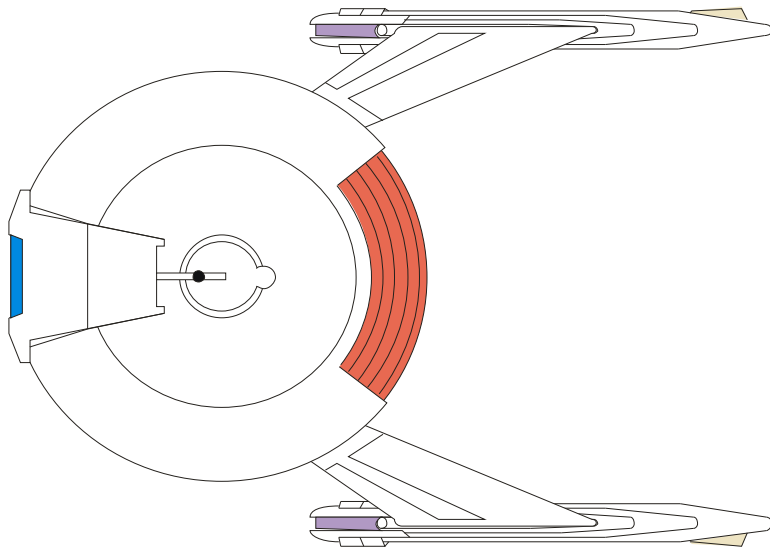


Designed as a replacement for the venerable Paquita Class Frigates, this class represents a traditional armament style on an unconventional design hull. A moderately successful class, the total constructed has been kept low due to the ships' high cost and peacetime construction restraints. Budgetary considerations reduced the numbers constructed from 865 to 344.

	Remora	
Size		
Dimensions	235 x 164 x 52	
Hull spaces	135	
Structure		
Shields	Rated 48	
Superstructure	36	
Power & Speed		
Warp drive	50 GW	
Impulse	21 GW	
Auxiliary	1 GW	
Cruising speed	W 7.0	
Emergency speed	W 9.0	
P-W ratio	5.5 : 1	
Complement	135	
Shuttles	4	
Armament	FH3+    4 F 1 Pa 1 Sa FP5    2 F	
SYSTEMS	S <sub>4</sub>	12
	A <sub>4</sub>	9
	W <sub>5</sub>	10
	I <sub>3</sub>	7
	B	1
	Q	14
	X <sub>5</sub>	5
	C <sub>5</sub>	3
	L <sub>5</sub>	5
	V	4
	Tr	2
	Tb	1
	H	10
	Mg	2

# RANGER CLASS SCOUT

1 : 1000

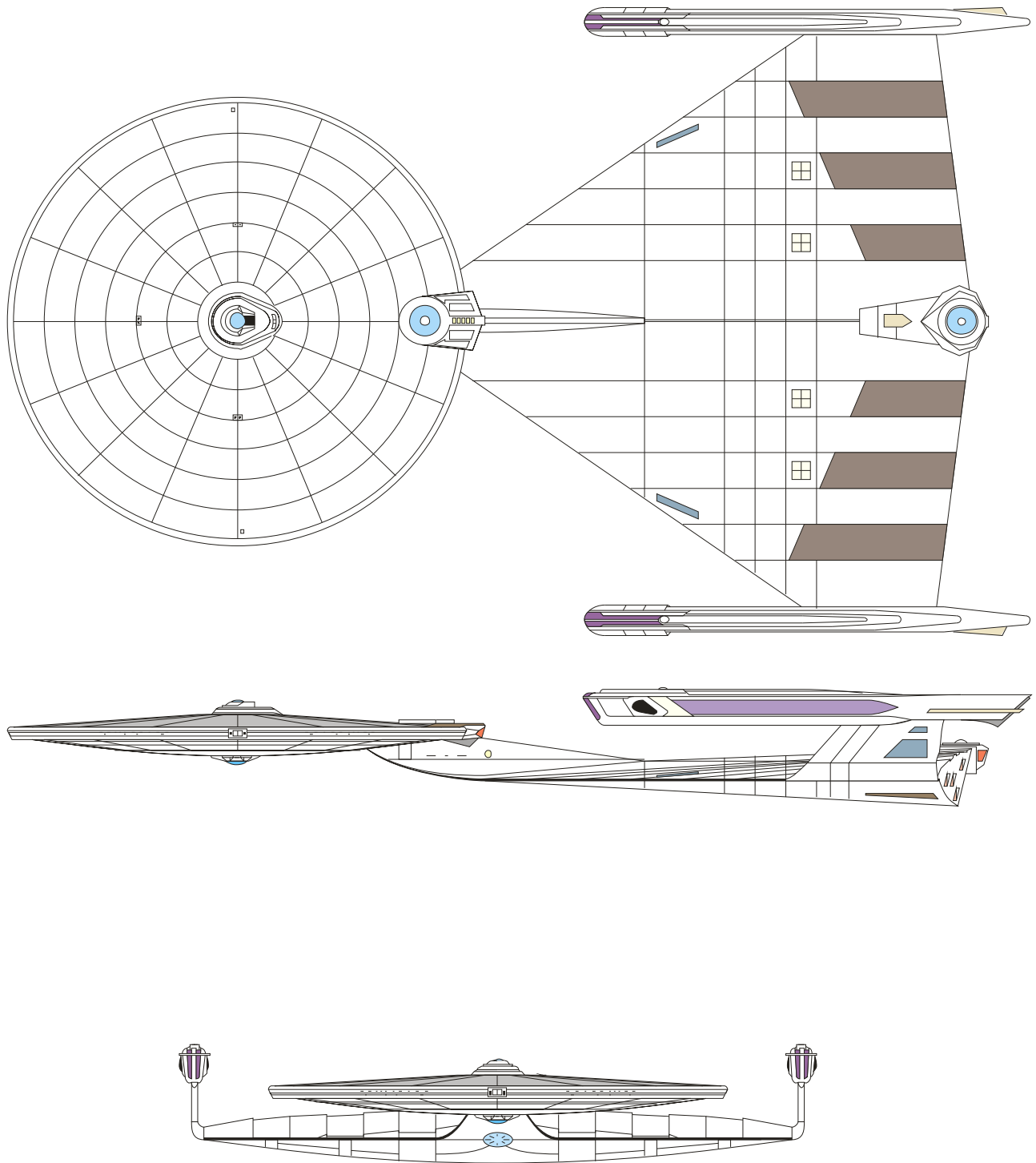


The smallest vessel used by Starfleet for solo scouting missions in unexplored territory, the Ranger carries a large shuttle-bay and a hefty armament for a ship it's size. More economical than a class 1 starship, these starships are becoming popular as armed yachts.

	Scout		Yacht	
Size				
Dimensions	99 x 72 x 26		99 x 72 x 26	
Hull spaces	55		53	
Structure				
Shields	Rated 20 we		Rated 15 we	
Superstructure	12 we		12 we	
Power & Speed				
Warp drive	20 GW		18 GW	
Impulse	9 GW		6 GW	
Cruising speed	W 8.0		W 6.5	
Emergency speed	W 10.0		W 9.0	
P-W ratio	2.0 : 1		2.0 : 1	
Complement	35		20 + 40 passengers	
Shuttles	3		3	
Armament	FH2+ 1 Pf		FH2 1 Pf	
	1 Sf		1 Sf	
	1 O		1 O	
	FP4 1 F			
SYSTEMS	S <sub>4</sub>	6	S <sub>3</sub>	6
	A <sub>4</sub>	4	A <sub>4</sub>	4
	W <sub>5</sub>	4	W <sub>5-</sub>	4
	I <sub>3</sub>	2	I <sub>3</sub>	2
	B	1	B	1
	Q	4	Q	6
	X <sub>5</sub>	2	X <sub>5</sub>	1
	C <sub>5</sub>	1	C <sub>5</sub>	1
	L <sub>5</sub>	3	L <sub>5</sub>	1
	V	3	V	3
	Tr	1	Tr	1
	Tb	1	Tb	
	H	6	H	9
	Mg	1		

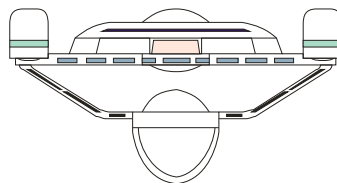
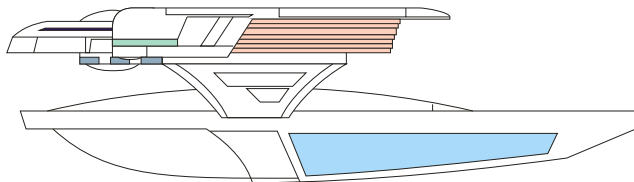
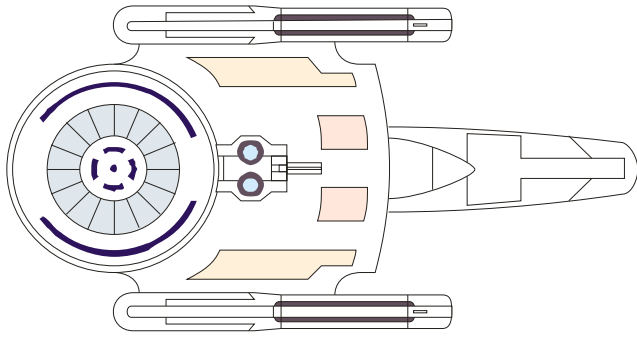
# ARIEL CLASS SHUTTLECARRIER

1 : 3000



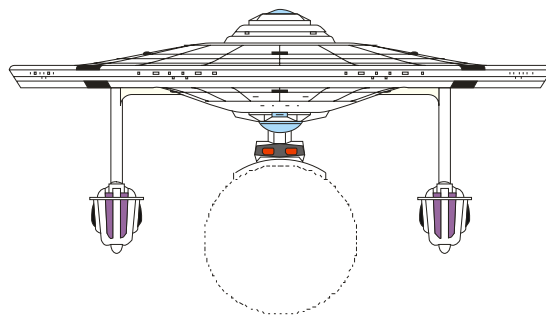
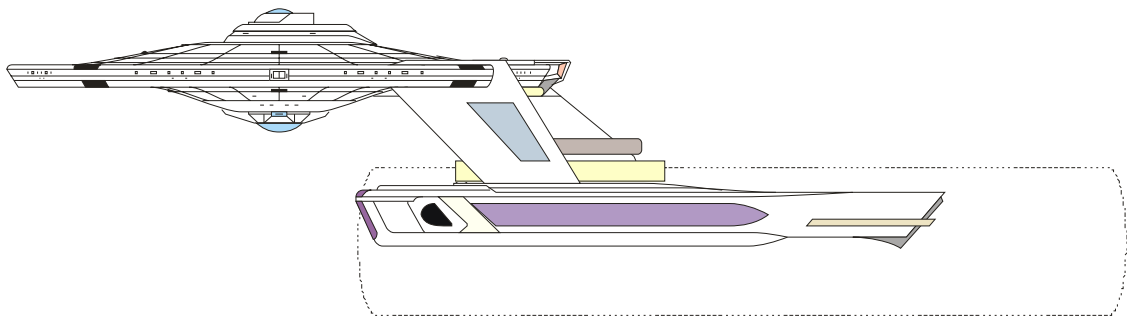
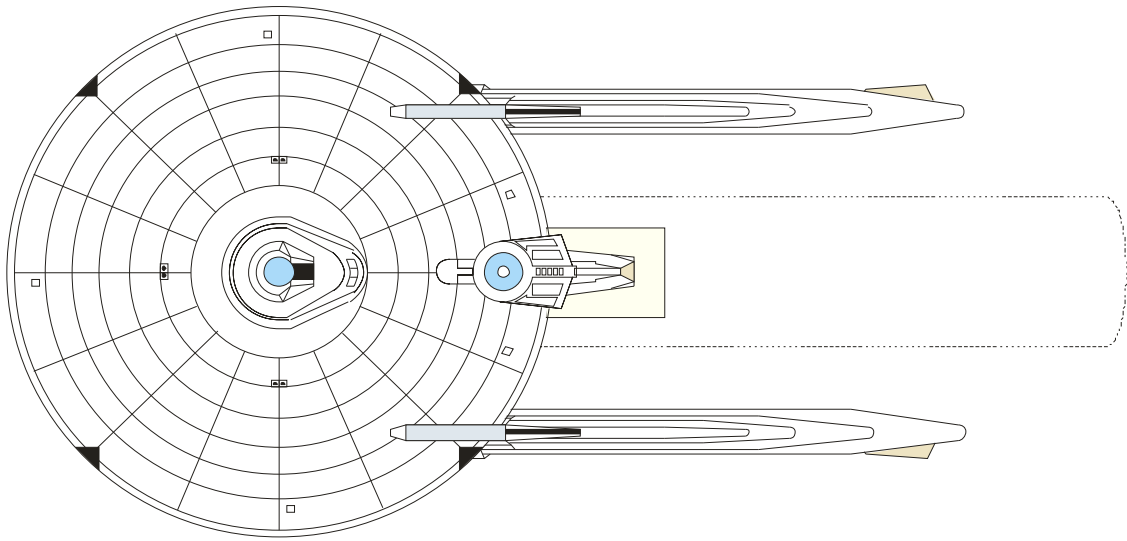
The Ariel class shuttle-carriers were built to replace the surviving McArthur class shuttle-carriers after the General War. Much larger than the McArthurs, this class would form the focus of a small fleet or task force. They were, however, built at a time when attack shuttles were being eclipsed by interceptors and patrol fighters: larger, and capable of independent operation. Originally planned to be a 400 ship class, only 132 were built. This class is being considered for conversion to galaxy exploration cruisers, or to interceptor carriers with rebuilt shuttle bays.

	Ariel	
Size		
Dimensions	504 x 315 x 68	
Hull spaces	800	
Structure		
Shields	Rated 160	
Superstructure	192	
Power & Speed		
Warp drive	290 GW	
Impulse	90 GW	
Auxiliary	10 GW	
Cruising speed	W 7.0	
Emergency speed	W 9.0	
P-W ratio	32 : 1	
Complement	1260	
Shuttles	72	
Armament	FH3+ 4 F 4 P 4 S 4 O FHG 4 Pf+ 4 Sf+ 4 Pa+ 4 Sa+ FP6 4 F 2 A	
SYSTEMS	S <sub>4</sub> 60 A <sub>4</sub> 72 W <sub>5</sub> 58 I <sub>3</sub> 30 B 10 Q 130 X <sub>5</sub> 12 C <sub>5</sub> 12 L <sub>5</sub> 2 V 80 Tr 10 Tb 9 H 47 Mg 20	



With the development of the SW series of small linear warp drives for Class 2 vessels came a series of ships based on the Class 1 design philosophy of using a common primary hull. The largest of these is the Oberth Class. These survey vessels are intended for use in non-hostile sectors of space, but are equipped with defensive phasers.

	Oberth	
Size		
Dimensions	164 x 86 x 47	
Hull spaces	75	
Structure		
Shields	Rated 24	
Superstructure	24	
Power & Speed		
Warp drive	30 GW	
Impulse	12 GW	
Cruising speed	W 7.0	
Emergency speed	W 9.5	
P-W ratio	3.0 : 1	
Complement	80	
Shuttles	3	
Armament	FH2+    2 F 1 Pa 1 Sa	
SYSTEMS	S <sub>4</sub>	4
	A <sub>4</sub>	4
	W <sub>5</sub>	6
	I <sub>3</sub>	4
	Q	9
	X <sub>5</sub>	9
	C <sub>5</sub>	3
	L <sub>5</sub>	6
	V	3
	Tr	1
	Tb	1
	H	5

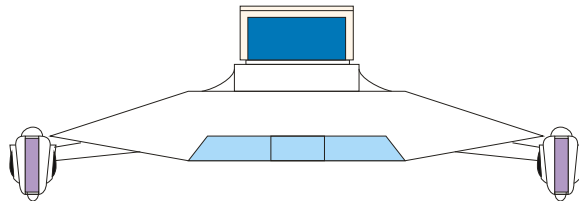
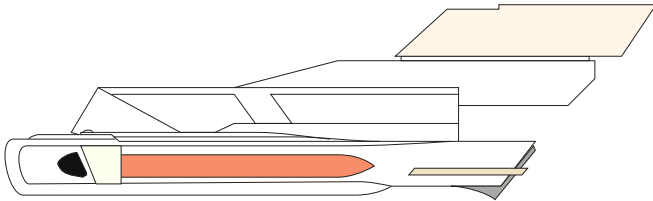
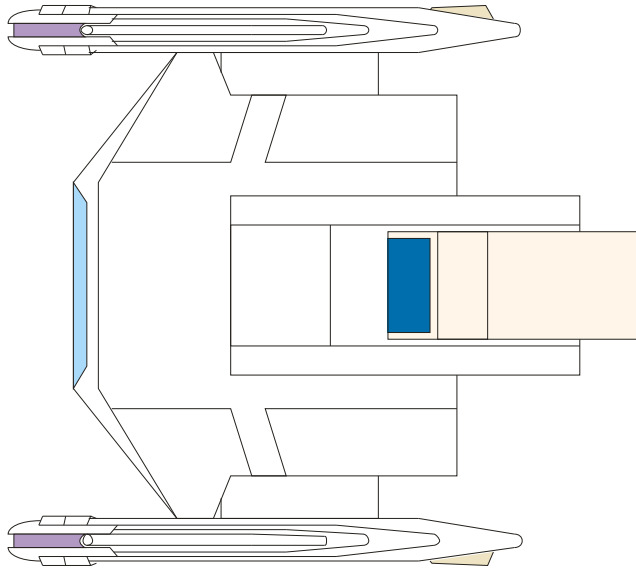


After the decommissioning of the Ptolemy class Transports, Starfleet relied on older and simpler tugs to tow *Class 1* containers until newer designs came along. The Ptolemy hulls were given over to Starfleet engineers for use in building prototypes. During the General War, Tac-Fleet found a need for a ship that met the specifications of the Ptolemy type and re-commissioned the remaining *Class 1* tug fleet. The war did show a major flaw of the Ptolemys -- it did not have adequate armament. A *Class 1-B* design was created, and a new role for the Transports was found: with adequate structural support and armament, the effectively over-engined Ross class, without a pod in tow, makes an excellent fast escort for the Dreadnought flagships, as well as any other fast escort role.

	Ross	
Size		
Dimensions	248 x 142 x 66	
Hull spaces	225	
Structure		
Shields	Rated 64 (42 w/ 2 pods)	
Superstructure	68	
Power & Speed		
Warp drive	150 GW	
Impulse	36 GW	
Auxiliary	4 GW	
Cruising speed	W 10.0 W 8.0 (1 pod) W 6.0 (2 pods)	
Emergency speed	W 12.0 W 10.0 (1 pod) W 7.5 (2 pods)	
P-W ratio	9.0 : 1 / 14 : 1 / 19 : 1	
Complement	170	
Shuttles	2	
Armament	FH2+ 4 F 4 P 4 S FP5 2 F	
SYSTEMS	S <sub>4</sub> 16 A <sub>4</sub> 17 W <sub>5</sub> 30 I <sub>3</sub> 12 B 4 Q 20 X <sub>5</sub> 4 C <sub>5</sub> 4 L <sub>5</sub> 1 V 2 T <sub>PD</sub> 1 Tr 3 Tb 3 H 7 Mg 2	

# C'LAIH CLASS WARPSHUTTLE

1 : 500

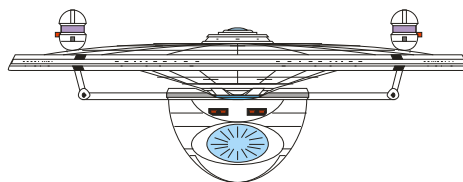
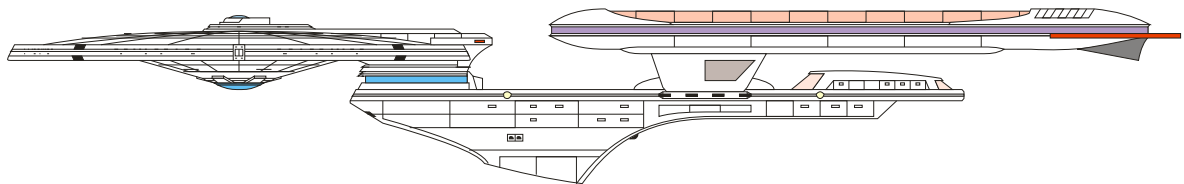
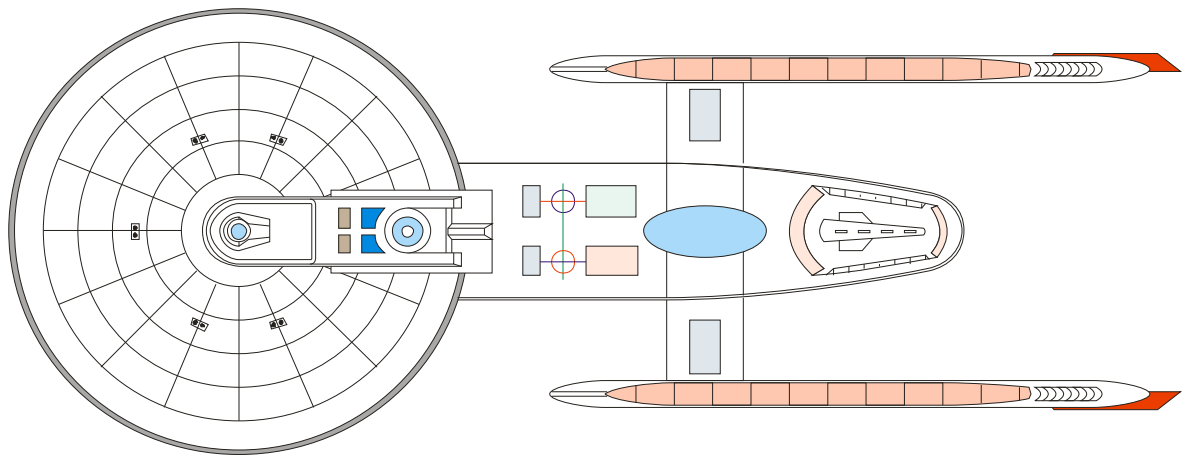


The C'Laih was designed at Cait to be the successor to the Mission class courier. A bit small for this role, the vessel makes an excellent light personnel shuttle and private yacht. A fast design, speed does make up partially for its small size. Originally designed with no armament, it never was completely successful in tests, so a defensive phaser was added.

	C'Laih	
Size		
Dimensions	43 x 38 x 13	
Hull spaces	23	
Structure		
Shields	Rated 16	
Superstructure	16	
Power & Speed		
Warp drive	10 GW	
Impulse	3 GW	
Auxiliary		
Cruising speed	W 8.0	
Emergency speed	W 10.0	
P-W ratio	1.0 : 1	
Complement		
Shuttles	7 + 15 passengers	
Armament	none	
	FH2+ 1 F+	
SYSTEMS	S <sub>4</sub>	2
	A <sub>4</sub>	2
	W <sub>5</sub>	2
	I <sub>3</sub>	1
	B	
	Q	3
	X <sub>5</sub>	1
	C <sub>5</sub>	1
	L <sub>5</sub>	
	V	
	Tr	1*
	Tb	
	H	4

# EXCELSIOR CLASS CRUISER

1 : 3000



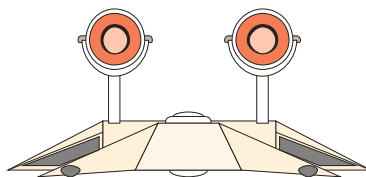
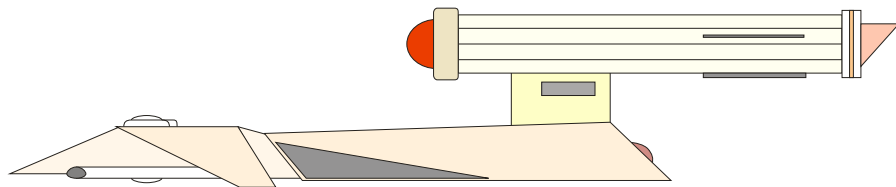
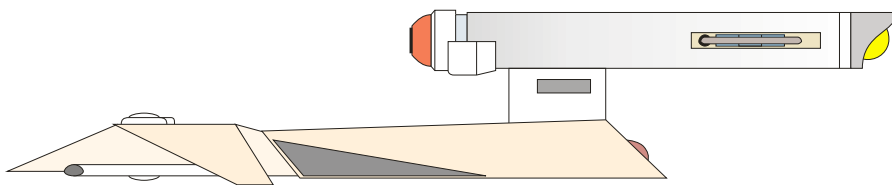
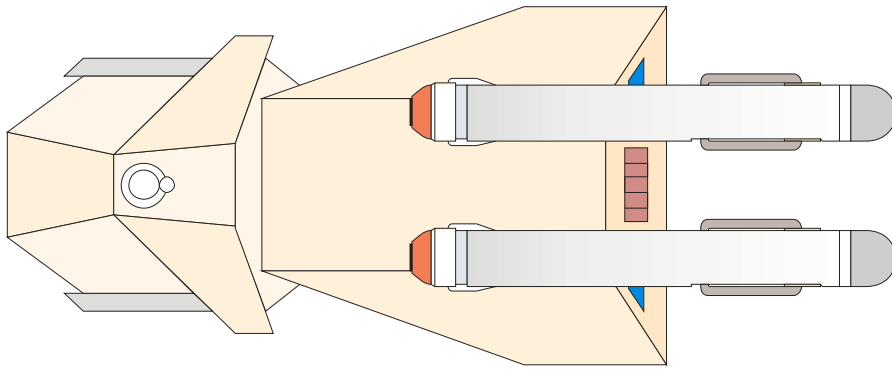
The Excelsior was an experimental ship built to test the new trans-warp drive. Although the trans-warp tests were not successful, major advances to standard warp drives were being made, leading to a redefinition of warp speeds and a new generation of warp drive. This class, and others are the first of Starfleet’s new “Star-Cruisers”.

	Excelsior	
Size		
Dimensions	480 x 180 x 72	
Hull spaces	675	
Structure		
Shields	Rated 160	
Superstructure	160	
Power & Speed		
Warp drive	270 GW	
Impulse	54 GW	
Auxiliary	5 GW	
Cruising speed	W 10.0 (wf 9.1)	
Emergency speed	W 12.0 (wf 9.3)	
P-W ratio	27 : 1	
Complement	470	
Shuttles	15	
Armament	FH4+ 2 F 4 Pf 4 Sf 2 P 2 S 4 Pa 4 Sa 2 A FHM 3 P+ 3 S+ FP8 4 F 2 A	
SYSTEMS	S <sub>4</sub> 60 A <sub>4</sub> 60 W <sub>6</sub> 54 I <sub>3</sub> 18 B 5 Q 66 X <sub>5</sub> 12 C <sub>5</sub> 9 L <sub>5</sub> 15 V 15 Tr 6 Tb 3 H 52 Mg 12	

## FEDERATION STARSHIPS : RESERVE & PARAMILITARY





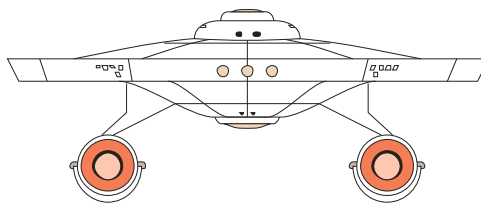
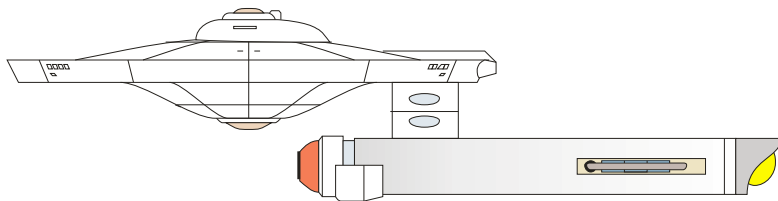
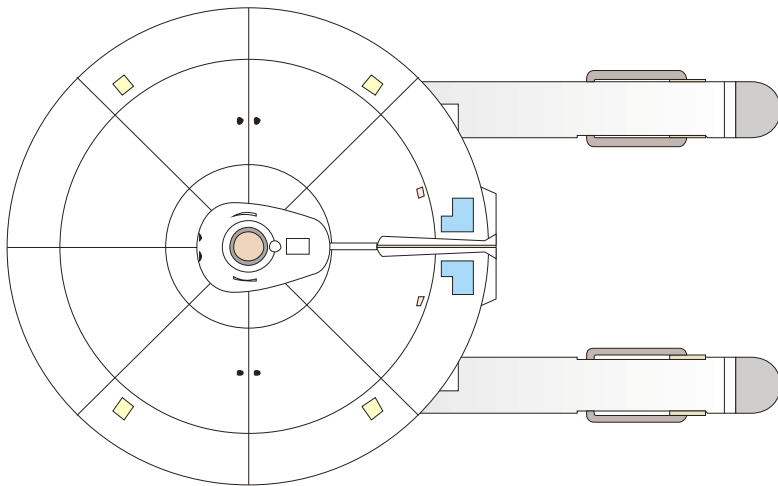


The Texas class was originally designed near the end of the Romulan War. The hull was made from advanced materials and is armored. The modular design allowed the class to have one of the longest service lives of any Federation starship class. Refitted numerous times, this class was, along with the Baton Rouge and Mann class cruisers, de-mothballed and refitted (again) for the General War, when attrition of cruisers was at an all time high.

	Initial Configuration	Mid-service Refit	General War Refit
Size			
Dimensions	240 x 96 x 48	236 x 96 x 48	235 x 96 x 47
Hull spaces	160	160	160
Structure			
Shields		Rated 16	Rated 24
Armour	30	20*	16*
Superstructure	24	24	24
Power & Speed			
Warp drive	28 GW	36 GW	48 GW
Impulse	10 GW	16 GW	16 GW
Auxiliary	6 GW	5 GW	5 GW
Cruising speed	W 3.3	W 4.5	W 5.5
Emergency speed	W 4.3	W 5.5	W 7.5
P-W ratio	6.5 : 1	6.5 : 1	6.5 : 1
Complement			
Shuttles	220	220	220
Armament	5	5	5
	FLC 2 F	FLC+ 2 F	FH3 2 F
	1 P	1 P	1 P
	1 S	1 S	1 S
	1 O	1 O	1 O
	FT3 2 F	FA4 2 F	FP2 2 F
			FP1 2 F
			1 A
SYSTEMS			
	$a_2$ 15	$S_2$ 8	$S_3$ 8
	$A_2$ 12	$a_2$ 10	$a_2$ 8
	$W_2$ 14	$A_2$ 12	$A_2$ 12
	$I_1$ 10	$W_3$ 12	$W_4$ 12
	B 6	$I_2$ 8	$I_2$ 8
	Q 24	B 5	B 5
	$X_2$ 3	Q 24	Q 24
	$C_2$ 4	$X_3$ 3	$X_4$ 3
	$L_2$ 4	$C_3$ 4	$C_4$ 4
	V 5	$L_3$ 4	$L_4$ 2
		V 5	V 5
		Tre 1	Tr 2
		Tb 1	Tb 1
	H 12	H 12	H 9
	Mg 2		Mg 2

**TYPE “B” WAR CRUISER**

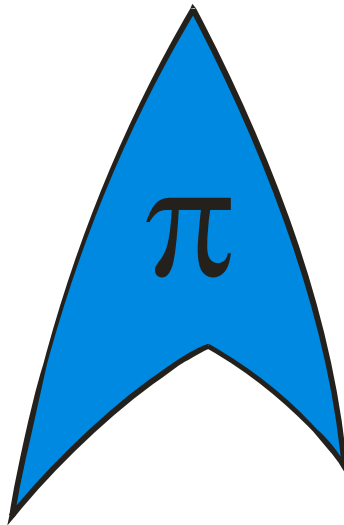
1 : 2000



War Cruisers were built during the General War to replace lost cruisers (both light and heavy). Built as simply as possible, and utilizing the least amount of materials, the type “A” and “B” cruisers were the only cruisers produced in quantity in the latter half of the war. These vessels were built utilizing simplified components and lacking any amenities (such as manual, hinged pressure doors replacing automatic bulkheads). Four basic armament options and two different shield types were installed, depending on what was available during construction. The surviving vessels were decommissioned at the conclusion of the war. They were deemed to be too costly to refit with the advanced technology that was developed at that time.

	CW - B			
Size				
Dimensions	208 x 127 x 52			
Hull spaces	151			
Structure				
Shields	Rated 30-36			
Superstructure	36			
Power & Speed				
Warp drive	48 GW			
Impulse	20 GW			
Auxiliary	4 GW			
Cruising speed	W 6.5			
Emergency speed	W 8.0			
P-W ratio	6.0 : 1			
Complement	240			
Shuttles	2			
Armament	<div>- OR -</div> <div> <div>FH32 F2 P2 S2</div> <div>FH23 F3 P3 S3</div> </div> <div> <div>FP22 F2 P2 S2</div> <div>FP22 F2 P2 S2</div> </div> <div>- OR -</div> <div> <div>FH32 F2 P2 S2</div> <div>FH23 F3 P3 S3</div> </div> <div> <div>FP12 F2 P2 S2</div> <div>FP12 F2 P2 S2</div> </div> <div> <div>1 A1 A</div> <div>1 A1 A</div> </div>			
SYSTEMS	<div>S<sub>3</sub>12</div> <div>- OR -</div> <div>S<sub>2+</sub>12</div> <div>A<sub>3</sub>12</div> <div>W<sub>4</sub>12</div> <div>I<sub>2</sub>10</div> <div>B4</div> <div>Q20</div> <div>X<sub>4</sub>3</div> <div>C<sub>4</sub>4</div> <div>L<sub>4</sub>2</div> <div>V2</div> <div>Tr3</div> <div>Tb1</div> <div>H6</div> <div>Mg2 - 3</div>			

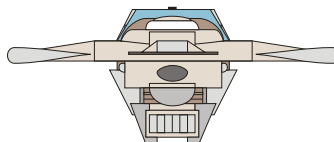
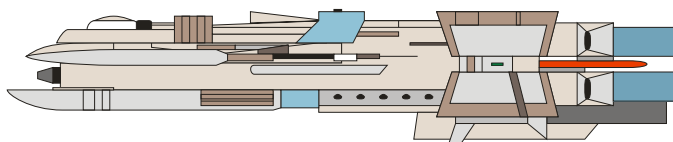
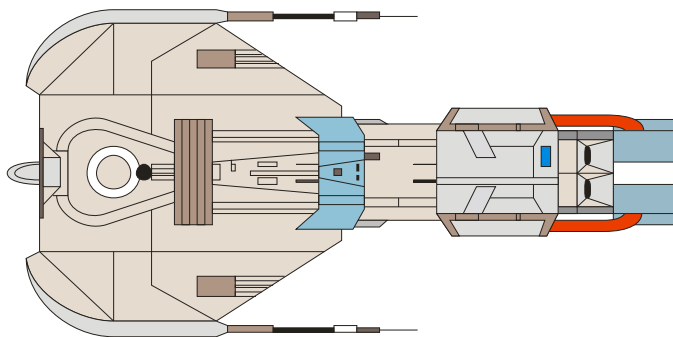
## FEDERATION STARSHIPS : CIVILIAN





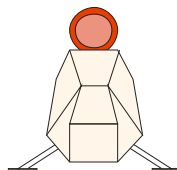
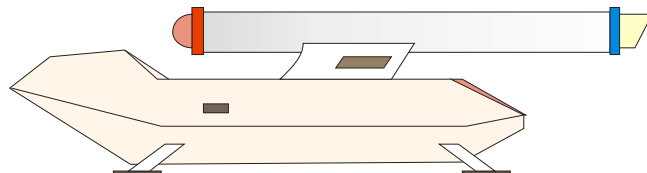
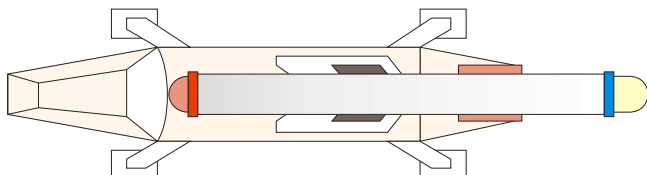
# MONARCH CLASS FREIGHTER

1 : 2000



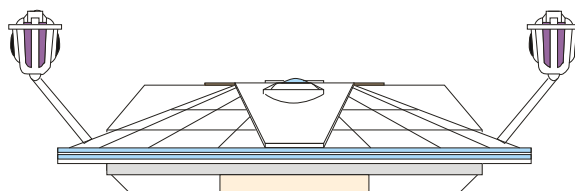
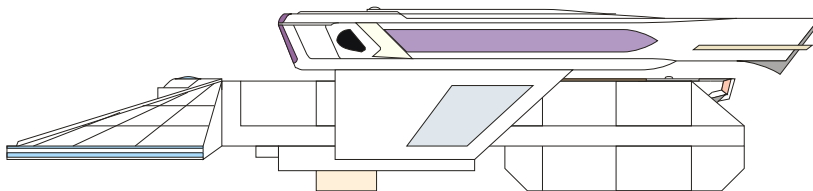
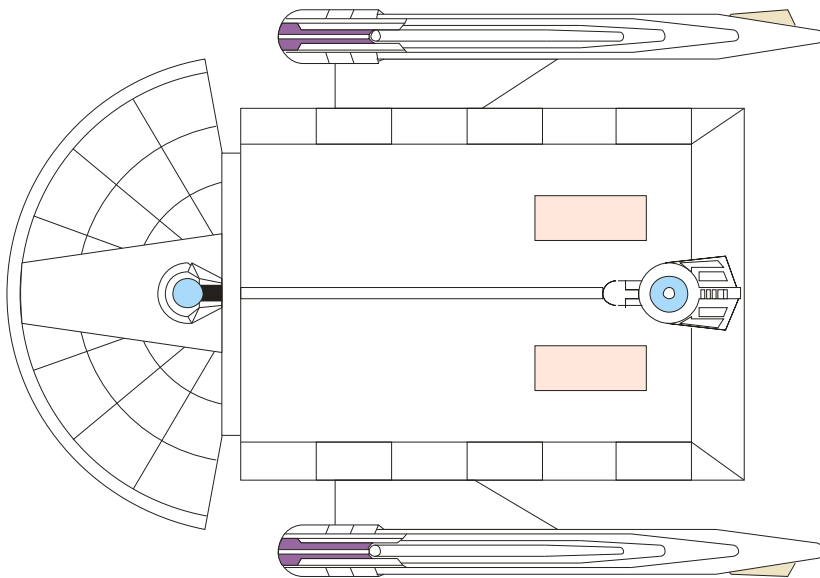
A typical medium size “tramp” freighter, based on an older Klingon design. One of the larger independently owned ships in general use, and one of the few non-starfleet cargo vessels that was designed to carry defensive armament from the outset.

	Monarch	
Size		
Dimensions	174 x 88 x 36	
Hull spaces	110	
Structure		
Shields	Rated 10	
Superstructure	15	
Power & Speed		
Warp drive	24 GW	
Impulse	6 GW	
Auxiliary	1 GW	
Cruising speed	W 6.0	
Emergency speed	W 7.5	
P-W ratio	3.0 : 1	
Complement	15 + 20 passengers	
Shuttles	5	
Armament	FH2    1 F 1 O	
SYSTEMS	S <sub>2</sub> 5 A <sub>3</sub> 5 W <sub>4</sub> 6 I <sub>2</sub> 3 B          1 Q          3 X <sub>3</sub> 2 C <sub>3</sub> 1 L <sub>2</sub> 1 V          5 Tr         2 Tb         1 H          59	



The smallest starship (as opposed to a shuttlecraft) built with standard shipboard components of its day. Designed by Cyrano Jones for his own use, the vessel has become a standard one person starship and small scout. It is possible to find versions with either deflector shields, a 2 person transporter or even armaments! Some versions have relocated the nacelle and/or have removed the landing gear to make for a narrower (7 m) ship.

	Scout		Trader	
Size				
Dimensions	41 x 11 x 12		41 x 11 x 12	
Hull spaces	13		13	
Structure				
Shields	Rated 6		Navigational only	
Superstructure	6		6	
Power & Speed				
Warp drive	4 GW		4 GW	
Impulse	2 GW		2 GW	
Auxiliary	1 GW		-	
Cruising speed	W 6.0		W 6.0	
Emergency speed	W 7.5		W 7.5	
P-W ratio	0.5 : 1		0.5 : 1	
Complement	3		1 - 5	
Shuttles	-		-	
Armament				
	FH1	1 F+		
SYSTEMS				
	S <sub>3</sub>	1	S <sub>3</sub>	-
	A <sub>3</sub>	1	A <sub>3</sub>	1
	W <sub>4</sub>	1	W <sub>4</sub>	1
	I <sub>2</sub>	1	I <sub>2</sub>	1
	B	1		
	Q	1	Q	1
	CX <sub>3</sub>	1	CX <sub>3</sub>	1
	V <sub>TR</sub>	1	V <sub>TR</sub>	1
	H	1	H	5

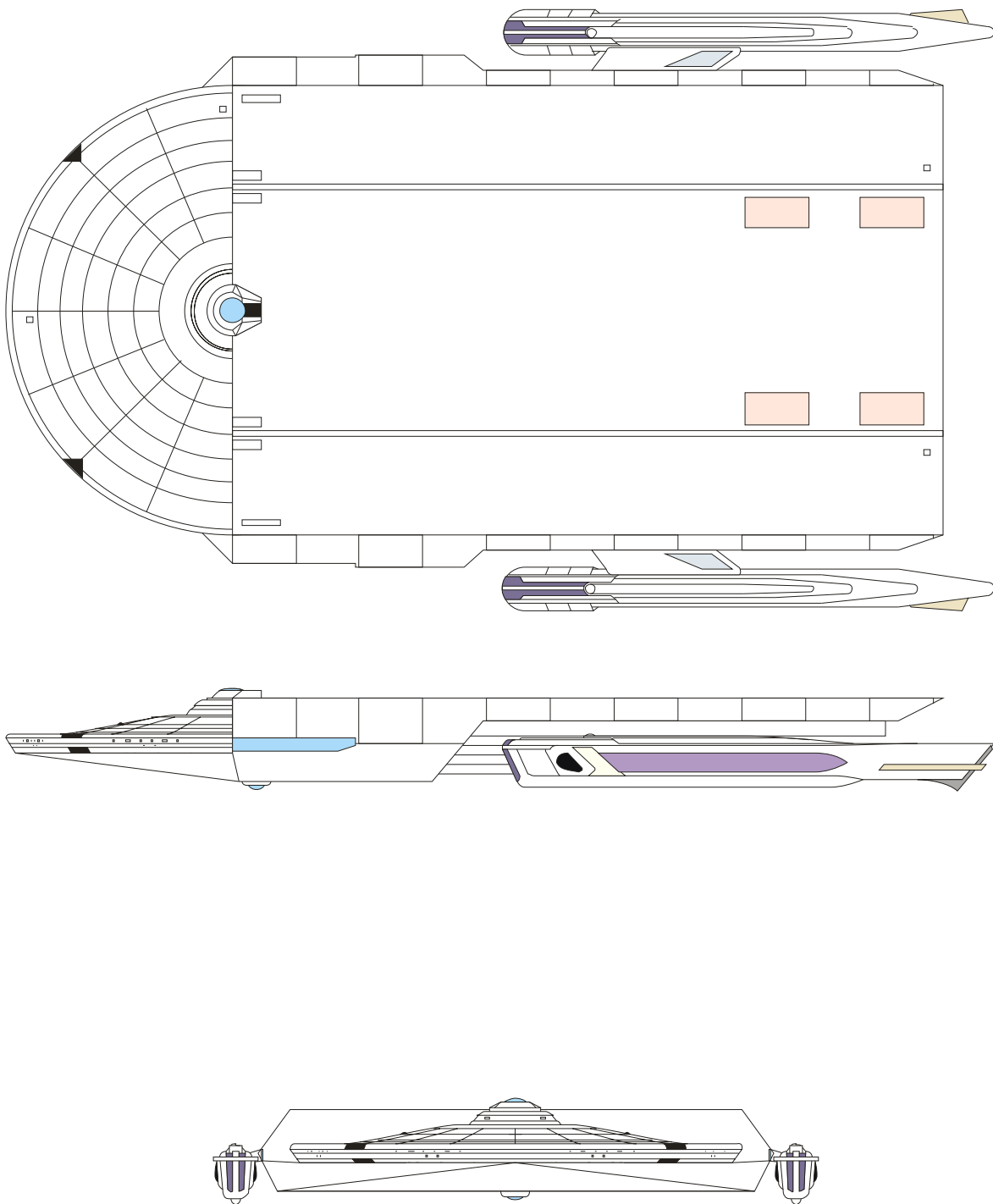


A typical large size “tramp” freighter. One of the largest independently owned ships in general use, and one of the first to be designed with linear warp drives and other advances. Its lack of any defensive armaments can be a liability in frontier areas, and private owners have been known to arm their ships.

	Laweya	
Size		
Dimensions	218 x 153 x 49	
Hull spaces	375	
Structure		
Shields	Rated 30	
Superstructure	36	
Power & Speed		
Warp drive	80 GW	
Impulse	30 GW	
Auxiliary	2 GW	
Cruising speed	W 6.0	
Emergency speed	W 8.0	
P-W ratio	10 : 1	
Complement	20 + 30 passengers	
Shuttles	8	
Armament	none	
SYSTEMS	<div> <div>S<sub>3</sub></div> <div>10</div> </div> <div> <div>A<sub>3</sub></div> <div>12</div> </div> <div> <div>W<sub>5</sub></div> <div>16</div> </div> <div> <div>I<sub>3</sub></div> <div>10</div> </div> <div> <div>B</div> <div>2</div> </div> <div> <div>Q</div> <div>5</div> </div> <div> <div>X<sub>3</sub></div> <div>2</div> </div> <div> <div>C<sub>3</sub></div> <div>2</div> </div> <div> <div>L<sub>3</sub></div> <div>1</div> </div> <div> <div>V</div> <div>8</div> </div> <div> <div>Tr</div> <div>4</div> </div> <div> <div>Tb</div> <div>1</div> </div> <div> <div>H</div> <div>270</div> </div>	

# OVERFIELD CLASS FREIGHTER

1 : 2000

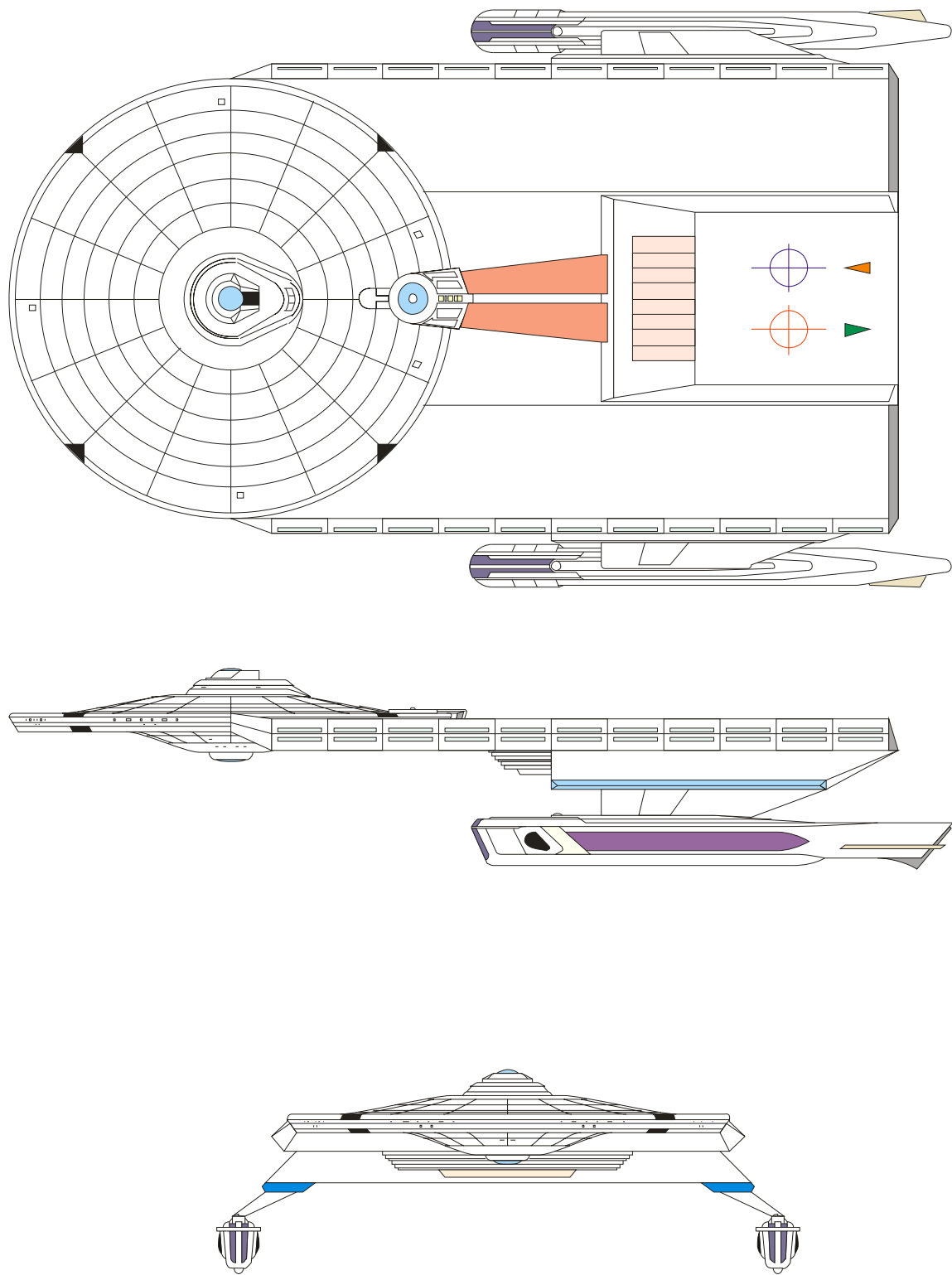


A large freighter designed for general purpose use. Somewhat slow for a ship equipped with linear warp drives, the cargo capacity of this vessel is ample, and gives it the ability to make up the difference. A popular vessel with the large Vulcan shipping families, in both versions, as their interests expand into the frontiers beyond the UFP.

	Standard	Frontier
Size		
Dimensions	311 x 191 x 44	311 x 191 x 44
Hull spaces	700	700
Structure		
Shields	Rated 30	Rated 30
Superstructure	30	30
Power & Speed		
Warp drive	150 GW	150 GW
Impulse	36 GW	36 GW
Auxiliary	2 GW	2 GW
Cruising speed	W 6.0	W 6.0
Emergency speed	W 8.0	W 8.0
P-W ratio	18 : 1	18 : 1
Complement		
Shuttles	30 + 50 passengers	30 + 50 passengers
Armament	8	8 FH2 2 F 1 P 1 S 1 A
SYSTEMS	<div> <div>S<sub>3</sub></div> <div>15</div> </div> <div> <div>A<sub>3</sub></div> <div>15</div> </div> <div> <div>W<sub>5</sub></div> <div>30</div> </div> <div> <div>I<sub>3</sub></div> <div>12</div> </div> <div> <div>B</div> <div>2</div> </div> <div> <div>Q</div> <div>8</div> </div> <div> <div>X<sub>3</sub></div> <div>2</div> </div> <div> <div>C<sub>3</sub></div> <div>2</div> </div> <div> <div>L<sub>3</sub></div> <div>1</div> </div> <div> <div>V</div> <div>8</div> </div> <div> <div>Tr</div> <div>5</div> </div> <div> <div>Tb</div> <div>2</div> </div> <div> <div>H</div> <div>538</div> </div>	<div> <div>S<sub>3</sub></div> <div>15</div> </div> <div> <div>A<sub>3</sub></div> <div>15</div> </div> <div> <div>W<sub>5</sub></div> <div>30</div> </div> <div> <div>I<sub>3</sub></div> <div>12</div> </div> <div> <div>B</div> <div>2</div> </div> <div> <div>Q</div> <div>8</div> </div> <div> <div>X<sub>3</sub></div> <div>2</div> </div> <div> <div>C<sub>3</sub></div> <div>2</div> </div> <div> <div>L<sub>3</sub></div> <div>1</div> </div> <div> <div>V</div> <div>8</div> </div> <div> <div>Tr</div> <div>5</div> </div> <div> <div>Tb</div> <div>2</div> </div> <div> <div>H</div> <div>528</div> </div>

# SUNSHINE CLASS LINER

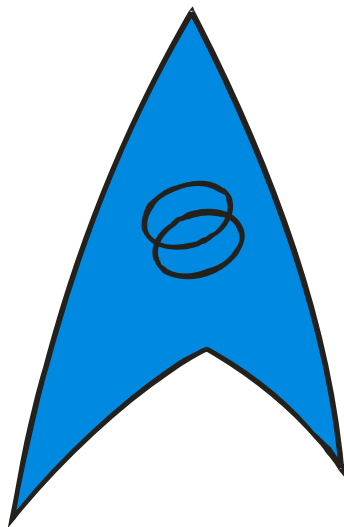
1 : 2000



One of the largest and most luxurious passenger liners, as well as the safest. When the StarLight line decided to replace their aging fleet of Stellarford class liners, they decided to design their new ships to class 1-B starfleet standards. The result was one of the largest, fastest and safest liners ever, which yielded shipbuilding orders from all the major shipping lines. The class represents a number of firsts: first passenger ship equipped with linear warp drive, first passenger ship to carry weaponry(!), and first to operate outside of the Federation border.

	Sunshine
Size	
Dimensions	304 x 186 x 72
Hull spaces	450
Structure	
Shields	Rated 64
Superstructure	48
Power & Speed	
Warp drive	110 GW
Impulse	36 GW
Auxiliary	6 GW
Cruising speed	W 7.0
Emergency speed	W 8.5
P-W ratio	13 : 1
Complement	300 + 2000 passengers
Shuttles	16
Armament	FH2+ 2 F 2 P 2 S
SYSTEMS	<div> <div>S<sub>4</sub></div> <div>24</div> </div> <div> <div>A<sub>4</sub></div> <div>18</div> </div> <div> <div>W<sub>5</sub></div> <div>22</div> </div> <div> <div>I<sub>3</sub></div> <div>12</div> </div> <div> <div>B</div> <div>6</div> </div> <div> <div>Q</div> <div>230</div> </div> <div> <div>X<sub>4</sub></div> <div>4</div> </div> <div> <div>C<sub>4</sub></div> <div>4</div> </div> <div> <div>L<sub>5</sub></div> <div>1</div> </div> <div> <div>V</div> <div>16</div> </div> <div> <div>Tr</div> <div>10</div> </div> <div> <div>Tb</div> <div>2</div> </div> <div> <div>H</div> <div>45</div> </div>

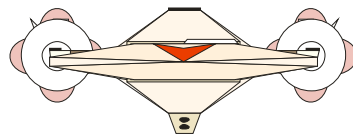
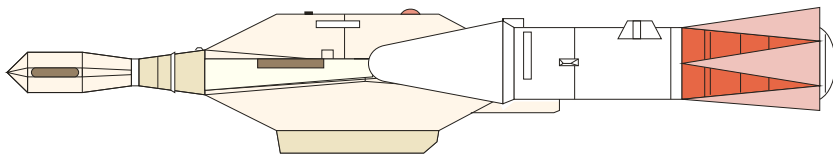
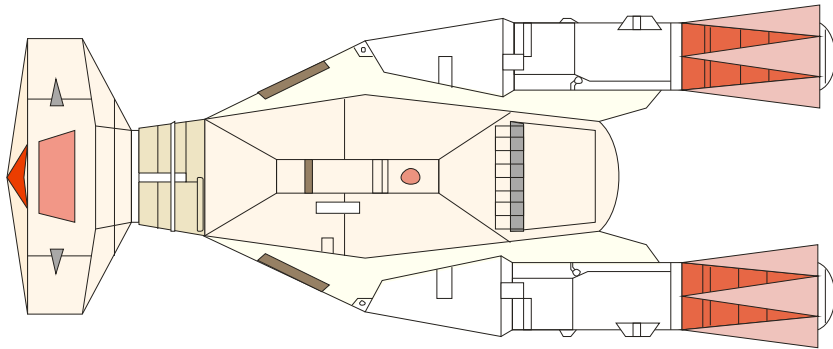
## FEDERATION STARSHIPS : HISTORICAL





# MARSHALL CLASS DESTROYER

1 : 2000



Built just prior to the Romulan War, this cruiser was intended to be the fastest and most powerful ship in the fleet. Due to the advancement of technology, and the construction of tougher and more powerful wartime ships, she was re-designated a destroyer. The Marshall class was somewhat under-armored (for its time), and this proved to be a handicap in battle, possibly resulting in some of the combat losses.

	Initial Configuration		Final Configuration	
Size				
Dimensions	232 x 110 x 41		255 x 114 x 41	
Hull spaces	105		110	
Structure				
Shields			Rated 10	
Armour	20		16	
Superstructure	16		16	
Power & Speed				
Warp drive	16 GW		24 GW	
Impulse	7 GW		10 GW	
Auxiliary	4 GW		3 GW	
Cruising speed	W 3.0		W 4.5	
Emergency speed	W 4.0		W 5.5	
P-W ratio	4.0 : 1		4.5 : 1	
Complement	140		140	
Shuttles	5		5	
Armament				
	FLB	2 F	FLB+	2 F
		1 P		1 P
		1 S		1 S
	FT3	2 F		1 A
			FA2	2 F
SYSTEMS				
	a <sub>2</sub>	10	S <sub>2</sub>	5
	A <sub>2</sub>	8	a <sub>2</sub>	8
	W <sub>2</sub>	8	A <sub>2</sub>	8
	I <sub>1</sub>	7	W <sub>3</sub>	8
	B	4	I <sub>2</sub>	5
	Q	16	B	3
	X <sub>2</sub>	2	Q	15
	C <sub>2</sub>	3	X <sub>2</sub>	2
	L <sub>2</sub>	1	C <sub>3</sub>	3
	V	4	L <sub>2</sub>	1
			V	3
			Tre	1
			Tb	1
	H	10	H	10
	Mg	2		