

# STAR TREK STARSHIP HANDBOOKS

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# INTRODUCTION

# STAR TREK STARSHIP HANDBOOKS



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## Volume 1: Major Starfleet Vessels

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### INTRODUCTION:

I've been waiting for years for someone else to produce this book - a collection of data and schematics of Starfleet vessels. So thanks to images and information available on the Internet, I finally decided to do it myself!

This first volume features specifications and schematics for nineteen of the most well-known starship classes of Starfleet. As far as possible canon data has been used, or otherwise the most generally accepted information available. All vessels included in this volume have had at least two appearances in episodes or movies, and four schematic views available.

A full list of sources used is included in the bibliography - they're all well worth checking out. I've endeavoured to contact as many owners of the images and schematics used as possible to ask permission to use them. If I've used your image and haven't managed to reach you, or I've not credited you, my apologies - please email me at the address above.

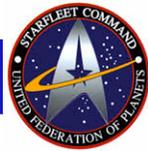
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*Mark Gill*

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# AKIRA CLASS



**Class:** Akira  
**Type:** Heavy Cruiser  
**Commissioned:** 2368  
**Production Base:** Antares & Utopia Planitia Fleet Yards  
**Length:** 440 metres  
**Beam:** 303 metres  
**Height:** 82 metres

**Mass:** 3,055,000 metric tons  
**Crew:** 500  
**Cruising Speed:** Warp 6  
**Maximum Speed:** Warp 9.8  
**Armament:** 6 Type X phaser arrays, 15 Mk 80 photon torpedo launchers, 2 Mk 80 quantum torpedo launchers

NCC	Known Ships (USS)
62497	Akira
63293	Rabin
65549	Spector
63549	Thunderchild

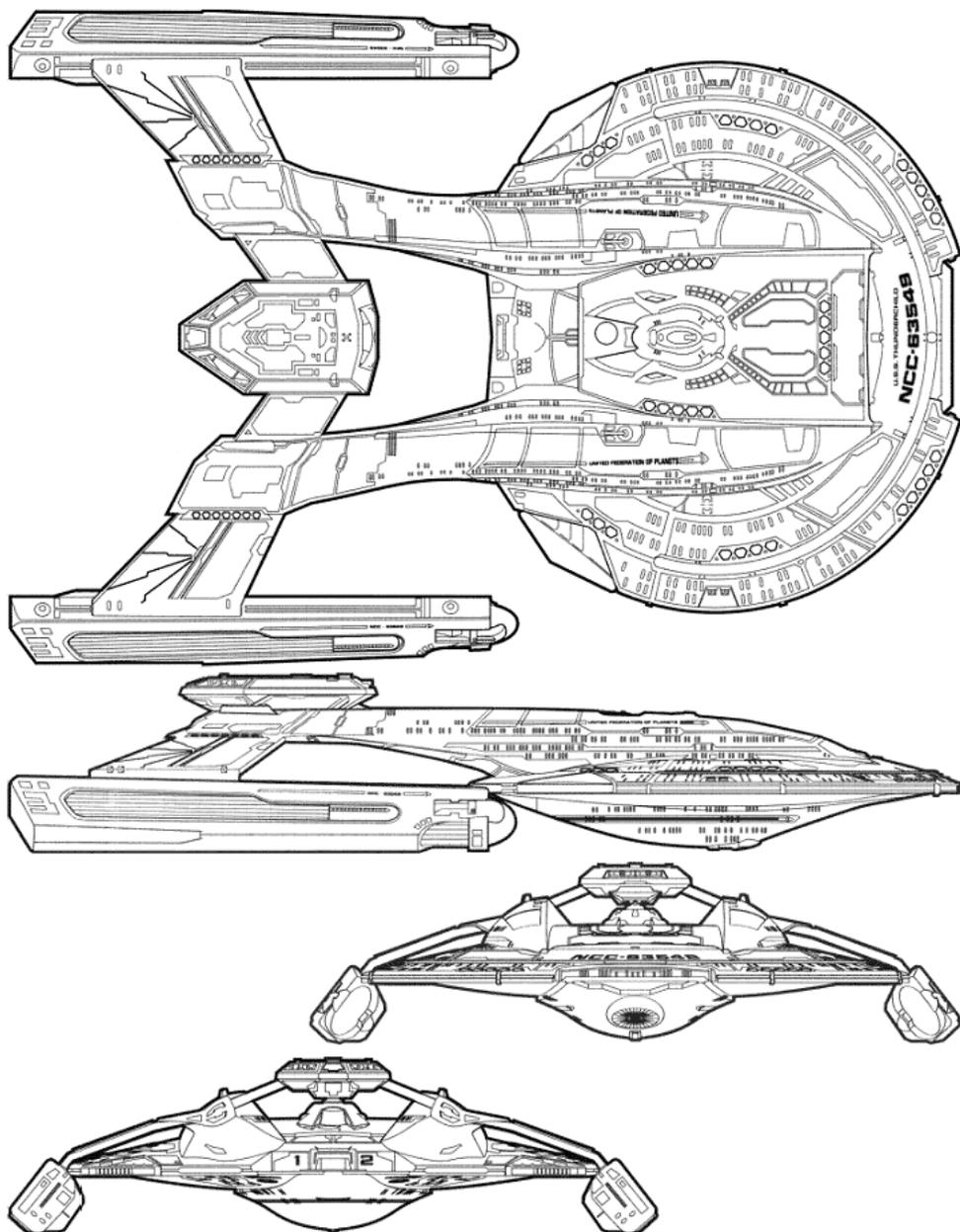
## CLASS INFORMATION:

Designed to supplement tactical support, the *Akira*-class vessel was developed as one of Starfleet's first combat-oriented starships. Initially an R&D design as a testbed for advanced weaponry during the Cardassian War, it was finally commissioned in 2368, a decade after conception, as a response to the growing Borg threat. Effectively a gun boat, the ship features a dedicated weapons pod, housing multiple photon and quantum torpedo tubes, providing formidable strike capability.

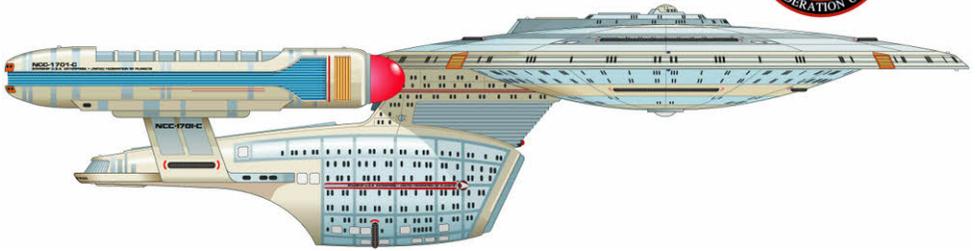
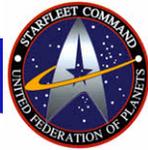
As a support ship, the *Akira*-class has three quick pressure shuttle bays: a heavily shielded forward bay for rapid deployment of shuttles or fighters, and two aft bays between the catamarans for protected recovery of small craft.

*Akira*-class vessels distinguished themselves during the Dominion War, playing vital roles at the Battle of Chin'toka and in Operation Return. They are now a key element of Starfleet's defence forces.





# AMBASSADOR CLASS



**Class:** Ambassador

**Type:** Heavy Cruiser

**Commissioned:** 2322

**Production Base:** Utopia Planitia & San Francisco Fleet Yards

**Length:** 526 metres

**Beam:** 325 metres

**Height:** 124 metres

**Mass:** 3,710,000 metric tons

**Crew:** 700

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9

**Armament:** 11 Type IX phaser arrays, 2 Mk 75 photon torpedo launchers

**NCC**    **Known Ships (USS)**

26849    Adelphi

10521    Ambassador

1701-C    Enterprise †

26517    Excalibur \*

26531    Exeter

26632    Gandhi

10532    Horatio †

26198    Valdemar

26510    Yamaguchi \*†

26136    Zhukov \*

\* Refit † Lost or destroyed

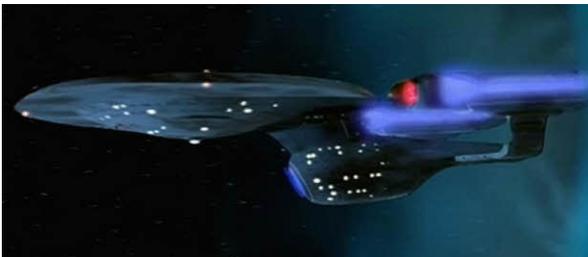
## CLASS INFORMATION:

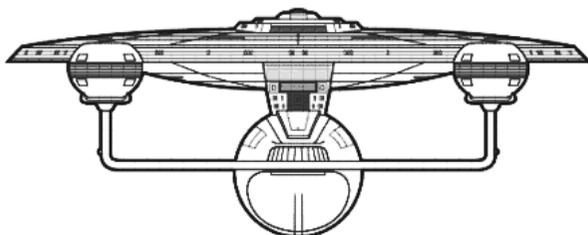
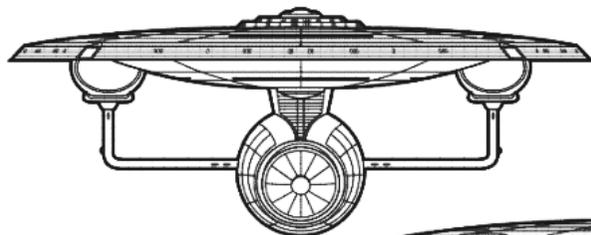
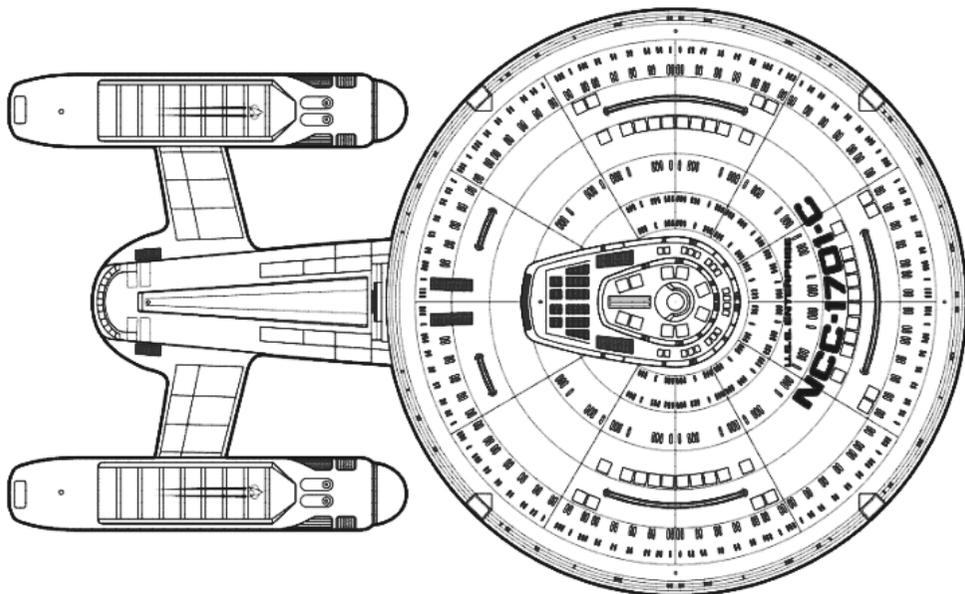
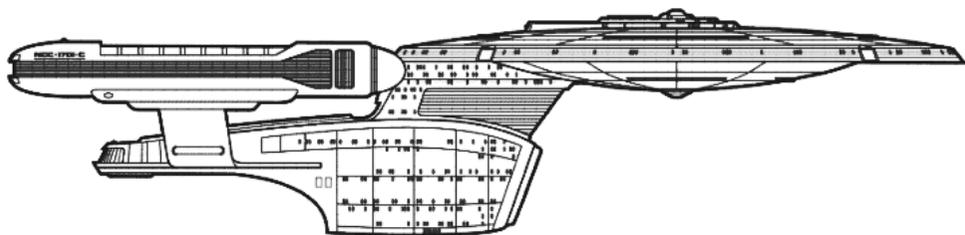
Developed as a complement to the *Excelsior*-class, the *Ambassador*-class was Starfleet's primary instrument of exploration during the second quarter of the 24th century. The *Ambassador* was the first vessel to employ triple-redundant electro-plasma system (EPS) taps and collimated phaser arrays, laid on the hull in strips rather than in banks.

Several of the second run of *Ambassador*-class vessels were built to an improved specification, including structural improvements and enlarged shuttle bay facilities.

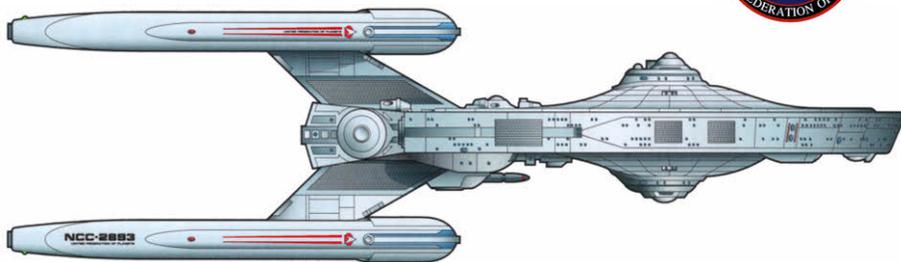
The *Ambassador*-class served with distinction during the Cardassian War, but the introduction of the *Galaxy*-class from 2357 saw the *Ambassadors* relegated to more routine work, and only a relatively small number remain in service.

Famous vessels of the class include the *U.S.S. Enterprise* NCC-1701-C, launched in 2332 and destroyed at Narendra III in 2344, and the *U.S.S. Excalibur* NCC-26517.





# CONSTELLATION CLASS



**Class:** Constellation  
**Type:** Medium Cruiser

**Commissioned:** 2284

**Production Base:** Copernicus  
Ship Yards, Luna

**Length:** 310 metres

**Beam:** 175 metres

**Height:** 86 metres

**Mass:** 325,000 metric tons

**Crew:** 535

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9

**Armament:** 6 Type VII phaser  
banks, 2 pulse phaser cannons,  
4 Mk 70 photon torpedo  
launchers

**NCC**    **Known Ships (USS)**

1974    Constellation

3890    Gettysburg

9761    Gihlan

2593    Hathaway

3069    Magellan

2893    Stargazer †

2590    Valkyrie

9754    Victory

† Lost (later recovered)

## CLASS INFORMATION:

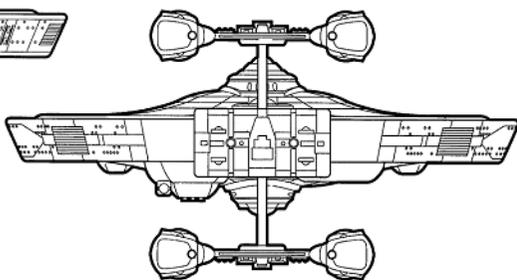
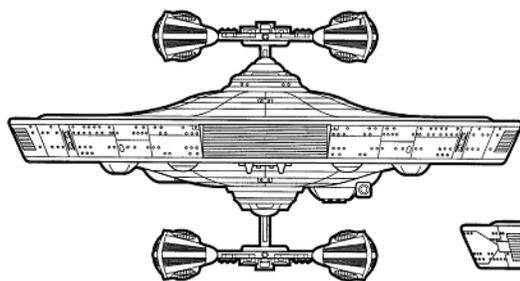
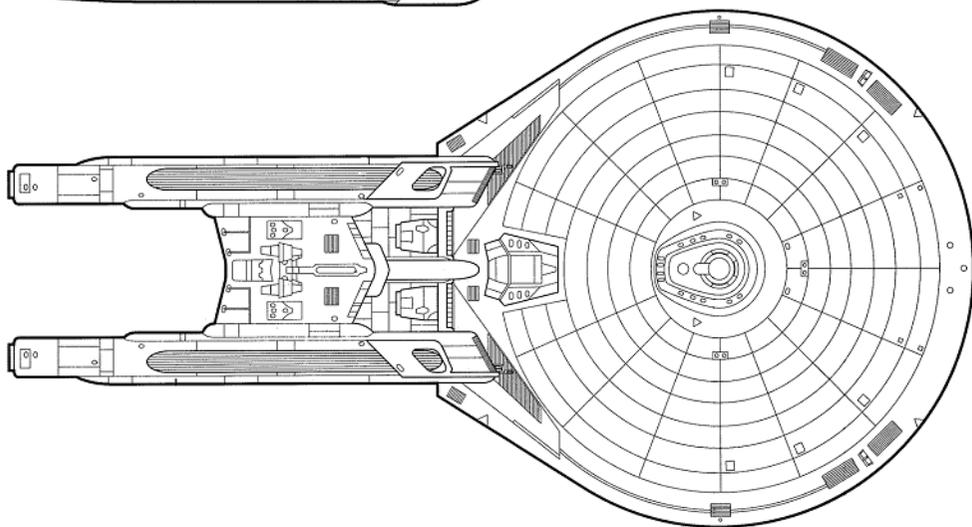
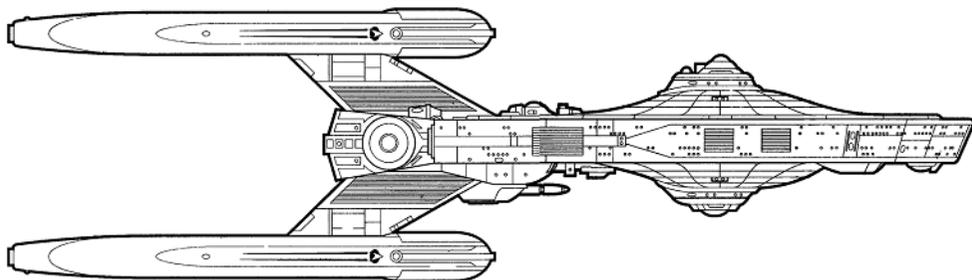
First commissioned in 2284, the *Constellation*-class was developed to complement and eventually replace the similar-sized *Constitution*-class vessels in deep-space exploration duties.

The four warp nacelle configuration favoured long-range missions as well as providing extra power for defensive patrol duties.

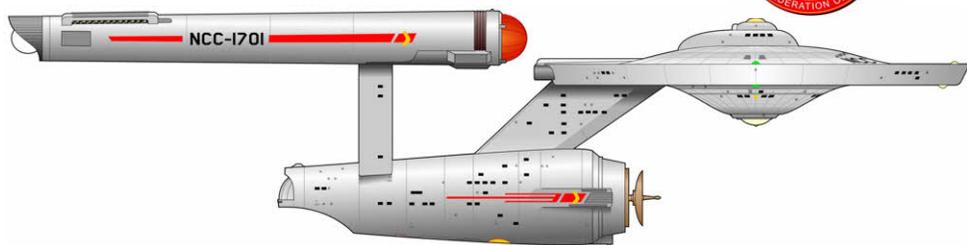
The most famous *Constellation*-class vessel was the *U.S.S. Stargazer* NCC-2893, the first command of Captain Jean-Luc Picard, who after a field-promotion in 2333 became Starfleet's youngest ever captain.

Only a handful of *Constellation*-class vessels remain in service, and are now mostly used for courier and transportation duties within the core worlds of the Federation.





# CONSTITUTION CLASS



**Class:** Constitution  
**Type:** Heavy Cruiser

**Commissioned:** 2245

**Production Base:** San Francisco Yards & Tranquility Base

**Length:** 288.6 metres

**Beam:** 127.1 metres

**Height:** 72.6 metres

**Mass:** 190,000 metric tons

**Crew:** 430

**Cruising Speed:** Warp 6 \*

**Maximum Speed:** Warp 8 \*

**Armament:** 4 Phaser banks, 2 Mk 12 photon torpedo launchers

\* *Original Cochrane Unit (OCU)*

**NCC**    **Known Ships (USS)**

1017 Constellation †

1700 Constitution

1764 Defiant †

956 Eagle

1895 Endeavour

1701 Enterprise †

1697 Essex

1664 Excalibur

1672 Exeter

1647 Farragut †

1703 Hood

1631 Intrepid †

1710 Kongo

1709 Lexington

1715 Merrimac

1657 Potemkin

1371 Republic

1717 Yorktown

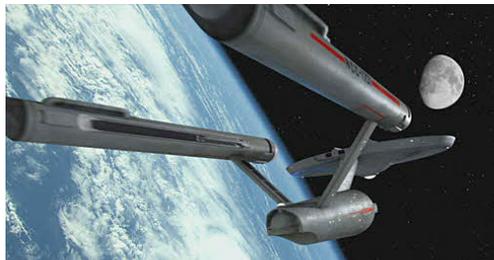
† *Lost or destroyed*

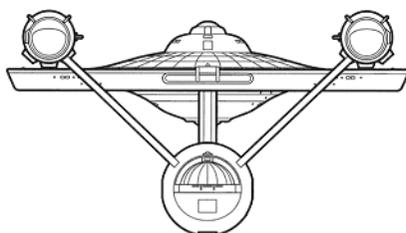
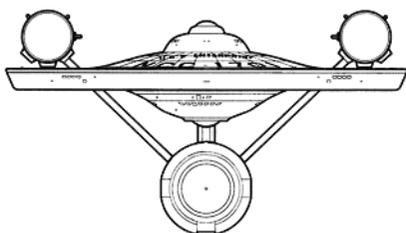
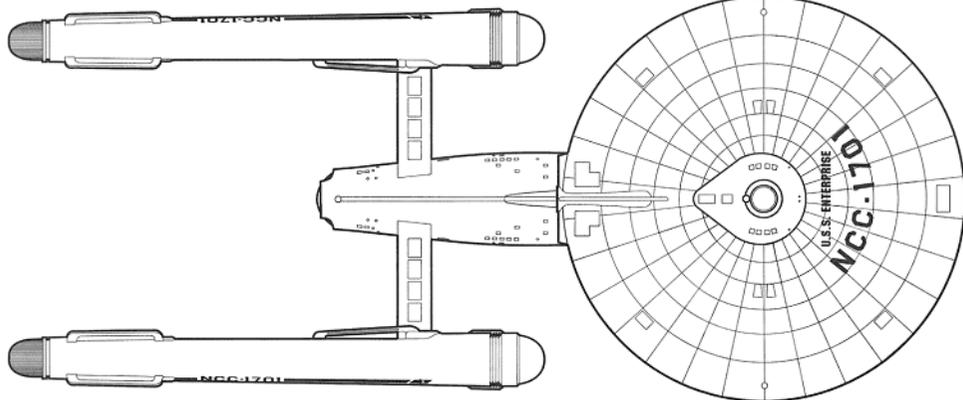
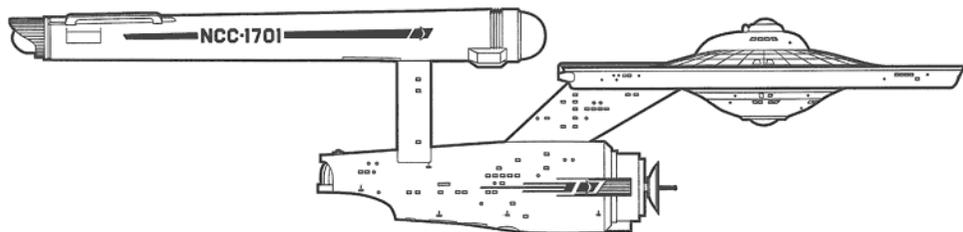
## CLASS INFORMATION:

First commissioned in 2245, the *Constitution*-class was the largest and most powerful starship design of its day.

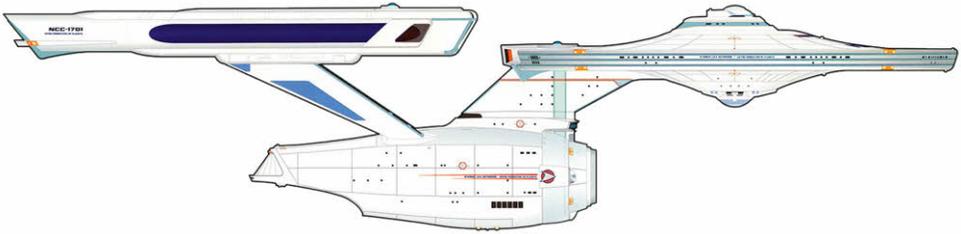
Built for a wide range of missions from long-range exploration and scientific surveys to patrol and defence duties, the *Constitution* featured fourteen science labs, a large hangar bay, and a then-formidable arsenal.

Twelve ships of what was originally called *Starship Class* were initially constructed. The most famous was the *U.S.S. Enterprise* NCC-1701, whose five-year mission under Captain James T. Kirk has passed into legend. So successful were the *Enterprise's* exploits that the ship's insignia was subsequently adopted by the whole of Starfleet. The *Enterprise* was the first of its class to be refitted in the 2270s.





# CONSTITUTION CLASS (Refit)



**Class:** Constitution (Refit)  
**Type:** Heavy Cruiser  
**Commissioned:** 2273  
**Production Base:** San Francisco Fleet Yards, Earth  
**Length:** 304.8 metres  
**Beam:** 141.7 metres  
**Height:** 71.3 metres  
**Mass:** 210,000 metric tons  
**Crew:** 500  
**Cruising Speed:** Warp 8 \*  
**Maximum Speed:** Warp 12 \*  
**Armament:** 12 Type VII phaser banks, 2 Mk 6 photon torpedo launchers  
 \* *Original Cochrane Unit (OCU)*

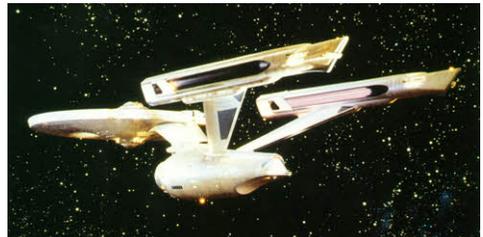
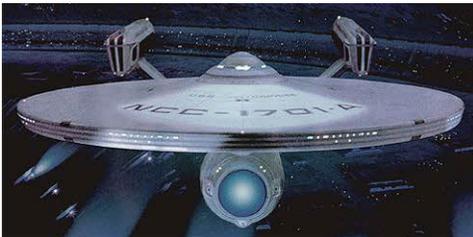
NCC	Known Ships (USS)
2048	Ahwahnee
1700	Constitution
956	Eagle
1895	Endeavour
1701	Enterprise †
1701-A	Enterprise
1697	Essex
1664	Excalibur
1672	Exeter
1703	Hood
1707	Intrepid
1732	John Muir
1710	Kongo
1709	Lexington
1715	Merrimac
1657	Potemkin
1371	Republic
1717	Yorktown
† <i>Lost or destroyed</i>	

## CLASS INFORMATION:

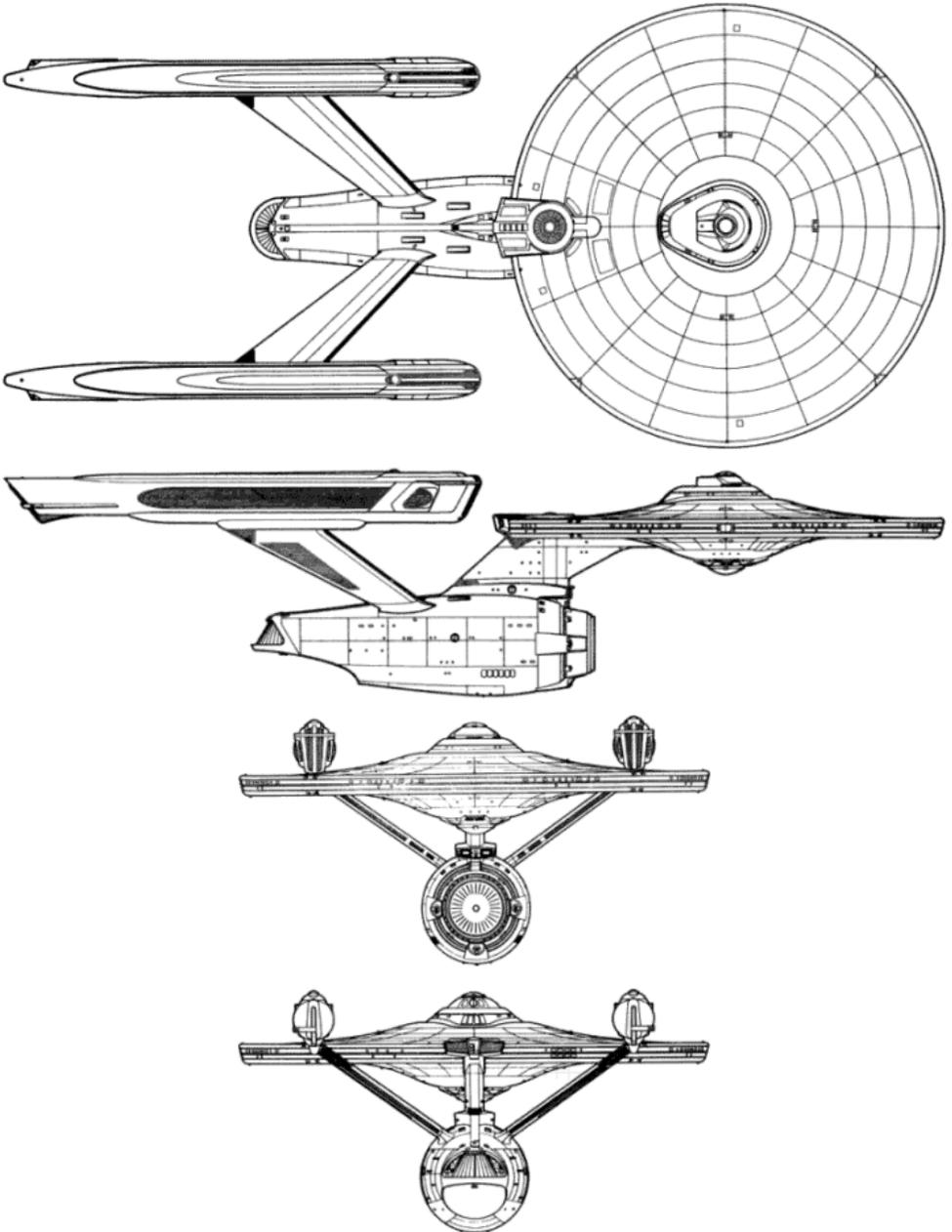
The original *Constitution*-class configuration was first commissioned in 2245. Subsequent advancements in technology were incorporated into a major redesign a quarter of a century later. The first refit vessel, the legendary *U.S.S. Enterprise* NCC-1701, was rushed back into service in 2273 to intercept the V'Ger probe.

The class was the first to feature linear warp drive, as well as upgraded transporters and computer systems which helped it continue in its role as Starfleet's leading exploration, research and defence tool for the remainder of the 23rd century.

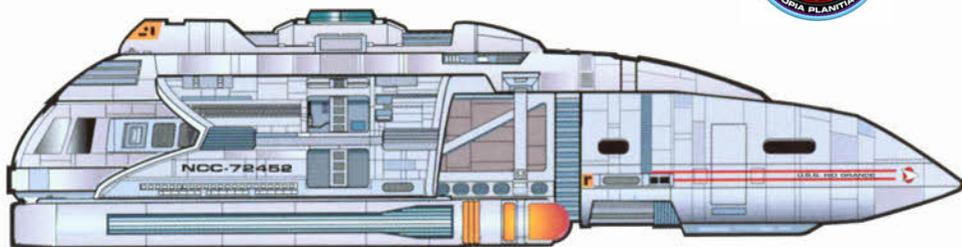
The *U.S.S. Enterprise* NCC-1701-A was also a *Constitution*-class vessel. She and her crew helped pave the way for Klingon and Federation cooperation at the signing of the Khitomer Accords in 2293.



# Plans CONSTITUTION CLASS (Refit)



# DANUBE CLASS



**Class:** Danube

**Type:** Runabout

**Commissioned:** 2368

**Production Base:** Utopia  
Planitia Fleet Yards & others

**Length:** 23.1 metres

**Beam:** 13.7 metres

**Height:** 5.4 metres

**Mass:** 158.7 metric tons

**Crew:** 2-4

**Cruising Speed:** Warp 4

**Maximum Speed:** Warp 8.3

**Armament:** 6 Type VI phaser  
arrays, 2 Mk 25 photon micro-  
torpedo launchers

**NCC**    **Known Ships (USS)**

72003    Danube

72311    Gander †

72454    Ganges †

72617    Mekong †

72905    Orinoco †

72452    Rio Grande

72936    Rubicon †

73024    Shenandoah †

73196    Volga

72453    Yangtze Kiang †

74602    Yukon †

73918    (Name unknown)

† *Lost or destroyed*

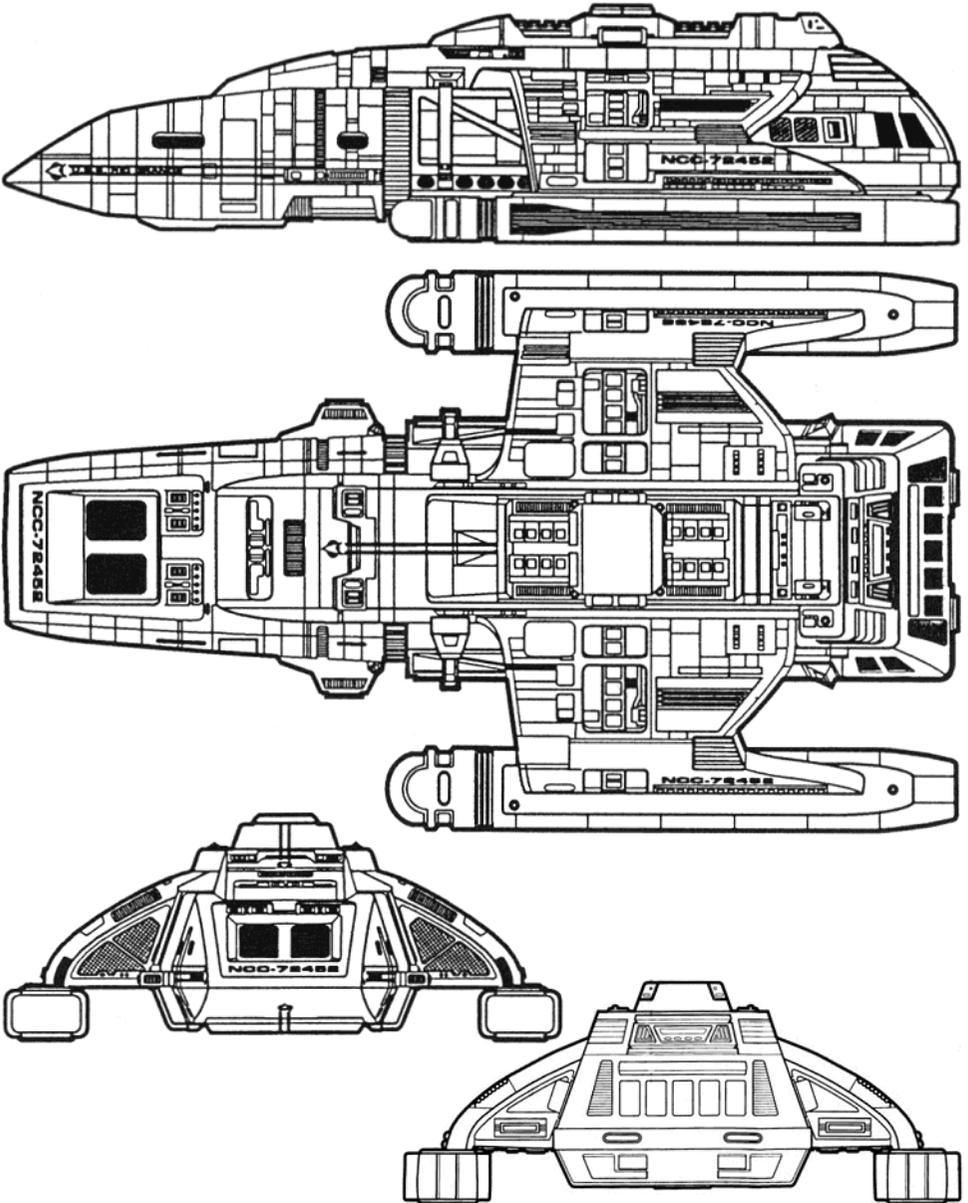
## CLASS INFORMATION:

A small, versatile vessel for short-term support missions, the *Danube*-class runabout features an interchangeable midsection allowing the ship to be customised for a variety of uses. A mission-specific equipment pod containing torpedoes or sensors can also be attached amidships.

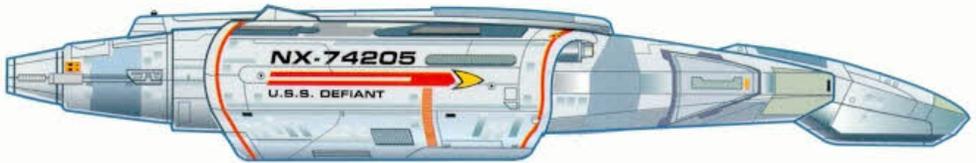
Aft of the detachable (in emergency) cockpit section and labs the runabout features a small living area for extended missions.

Entering service in 2368 immediately after successful trials, the first three runabouts were assigned to space station *Deep Space Nine*, though of these only the U.S.S. *Rio Grande* NCC-72454 remains in service.





# DEFIANT CLASS



**Class:** Defiant

**Type:** Escort

**Commissioned:** 2370

**Production Base:** Antares & Utopia Planitia Fleet Yards

**Length:** 119.5 metres

**Beam:** 90.3 metres

**Height:** 25.5 metres

**Mass:** 355,000 metric tons

**Crew:** 40

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9.982

**Armament:** 4 Type XII pulse phaser cannons, 2 Type X phaser arrays, 4 Mk 75 photon/quantum torpedo launchers

**NCC Known Ships (USS)**

74205 Defiant †

75633 Sao Paulo \*

74210 Valiant †

75418 Valiant

\* Renamed Defiant

† Lost or destroyed

## CLASS INFORMATION:

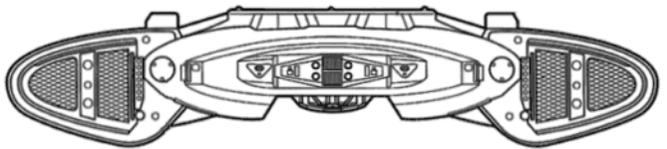
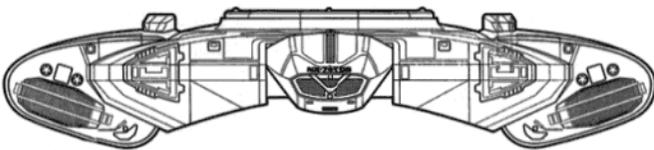
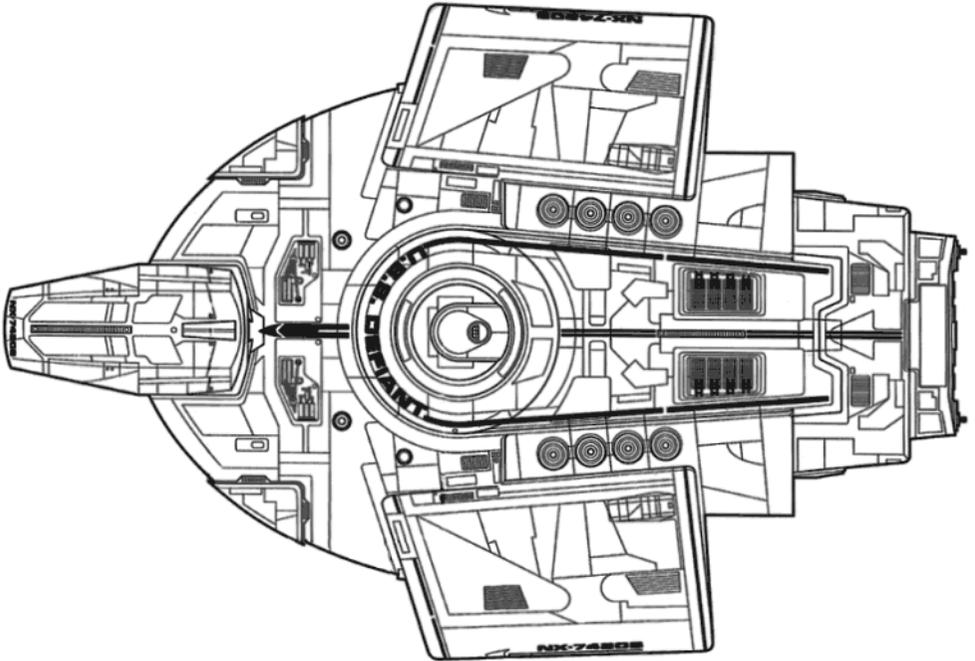
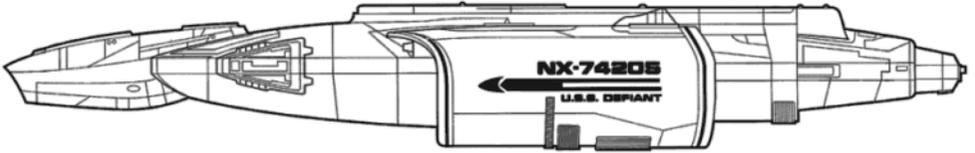
Originally developed as Starfleet's 'Borg-buster' - a pure warship - the *Defiant* was a testbed for cutting-edge technology.

The class features compact, protected warp nacelles, pulse phaser cannons, quantum torpedoes and ablative armour. First commissioned in 2370, the prototype *U.S.S. Defiant NX-74205* also carried a Romulan cloaking device as part of its subsequent role defending *Deep Space Nine* from Dominion attack.

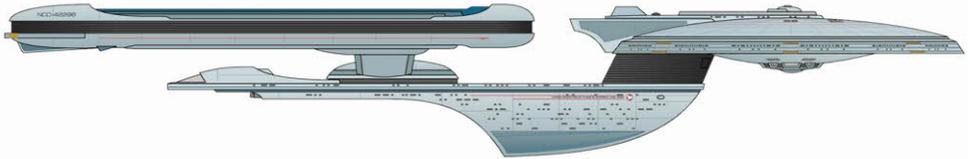
The *Defiant* has a compact warp core capable of powering a starship four times its size, which initially could not be run at full output due to structural stresses. Field testing by the crew of *DS9* ironed out this and other initial flaws, and the *Defiant*-class was put into production ahead of full hostilities with the Dominion.

The original *U.S.S. Defiant* was destroyed by the Breen in 2375. It was replaced by the *U.S.S. Sao Paulo* NCC-75633 which was renamed *Defiant* by Starfleet.





# EXCELSIOR CLASS



**Class:** Excelsior

**Type:** Explorer

**Commissioned:** 2284

**Production Base:** Utopia Planitia & San Francisco Fleet Yards

**Length:** 467 metres

**Beam:** 186 metres

**Height:** 78 metres

**Mass:** 2,350,000 metric tons

**Crew:** 750

**Cruising Speed:** Warp 8

**Maximum Speed:** Warp 9.5

**Armament:** 16 Type VIII phaser banks, 4 Mk 70 photon torpedo launchers

## NCC Known Ships (USS)

42995	Al-Batani
14232	Berlin
42136	Cairo †
2032	Challenger
42285	Charleston
50446	Crazy Horse
38955	Crockett
1701-B	Enterprise *
2000	Excelsior
2582	Farragut
14598	Fearless
42111	Frederickson
40512	Gorkon
42857	Grissom †
42296	Hood
38907	Intrepid
42768	Lakota *
14427	Lexington †
34099	Livingston
38997	Malinche
62043	Melbourne †
13958	Okinawa
18253	Potemkin
2544	Repulse
2573	Roosevelt †
14934	Tecumseh
43305	Valley Forge
* Refit † Lost or destroyed	

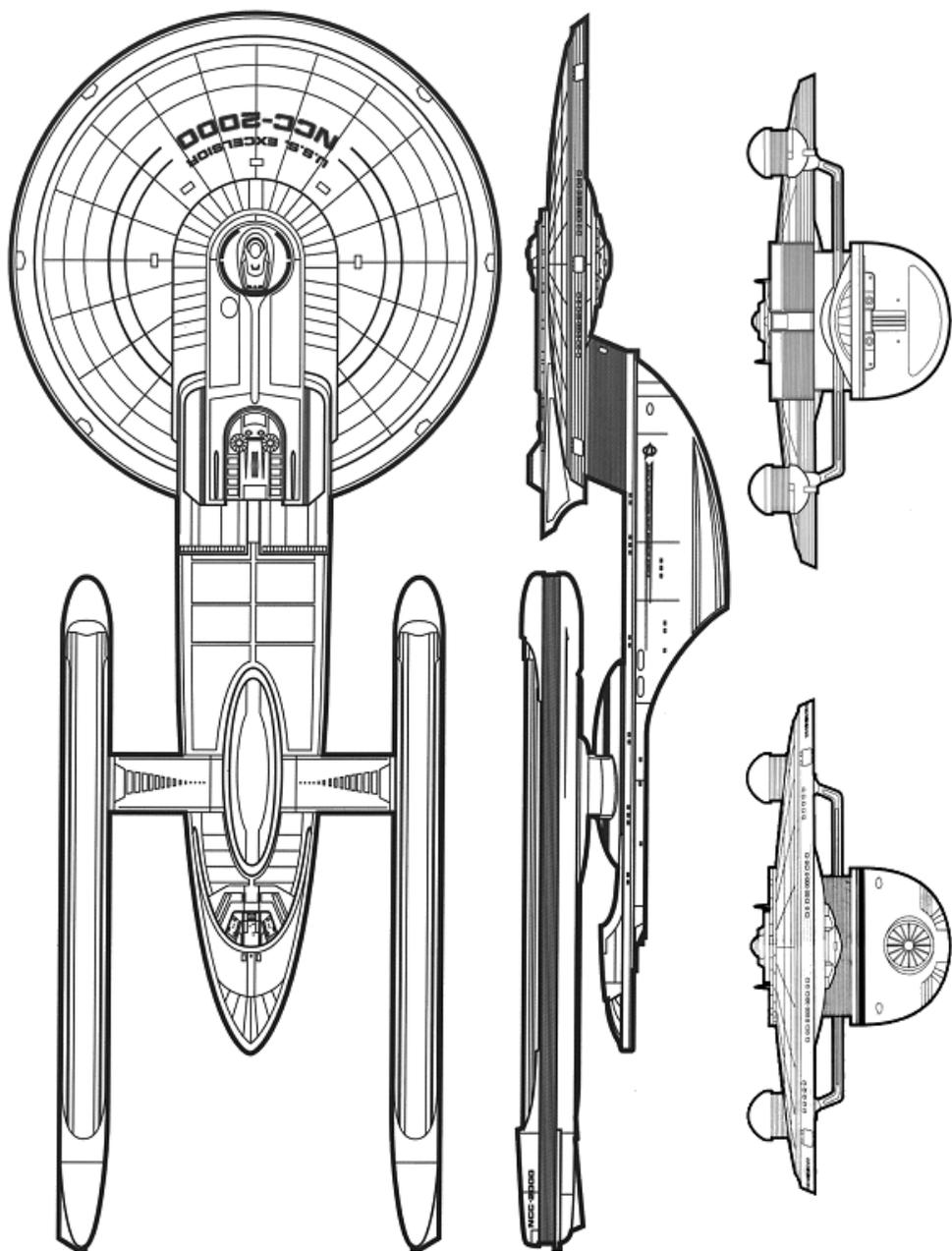
## CLASS INFORMATION:

Launched in 2284, the *U.S.S. Excelsior* NX-2000 was initially fitted with an experimental transwarp drive. 'The Great Experiment', as it was dubbed, was a failure, but the promising spaceframe was refitted with a standard warp drive and became the blueprint for one of Starfleet's most enduring and successful starship designs.

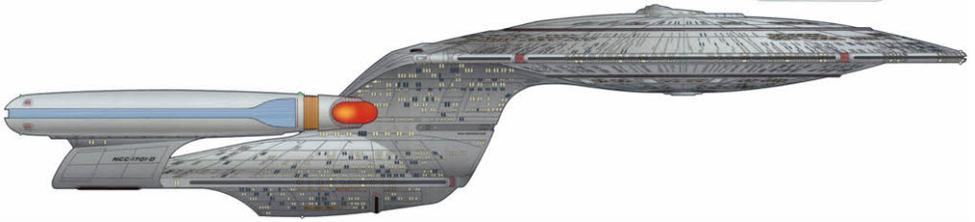
The *Excelsior*-class was produced for over sixty years, and has been continually refitted and upgraded, still serving as the backbone of the fleet into the 2370s. The *Excelsior* features extensive shuttlebay and cargo facilities in the stern and keel.

The *U.S.S. Enterprise* NCC-1701-B was the first *Excelsior*-class ship to be built to an updated design, but most of the vessels in service still retain the standard configuration.





# GALAXY CLASS



**Class:** Galaxy

**Type:** Explorer

**Commissioned:** 2357

**Production Base:** Utopia  
Planitia Fleet Yards, Mars

**Length:** 641 metres

**Beam:** 467.1 metres

**Height:** 137.5 metres

**Mass:** 4,500,000 metric tons

**Crew:** 1,012

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9.6

**Armament:** 12 Type X phaser  
arrays, 3 Mk 80 photon torpedo  
launchers

## NCC Known Ships (USS)

71099 Challenger

1701-D Enterprise †

26517-A Excalibur \*‡

70637 Galaxy

71820 Magellan

71832 Odyssey †

31347 Trident ‡

71867 Trinculo

71854 Venture \*

71807 Yamato †

\* Refit † Lost or destroyed

‡ Non-canon

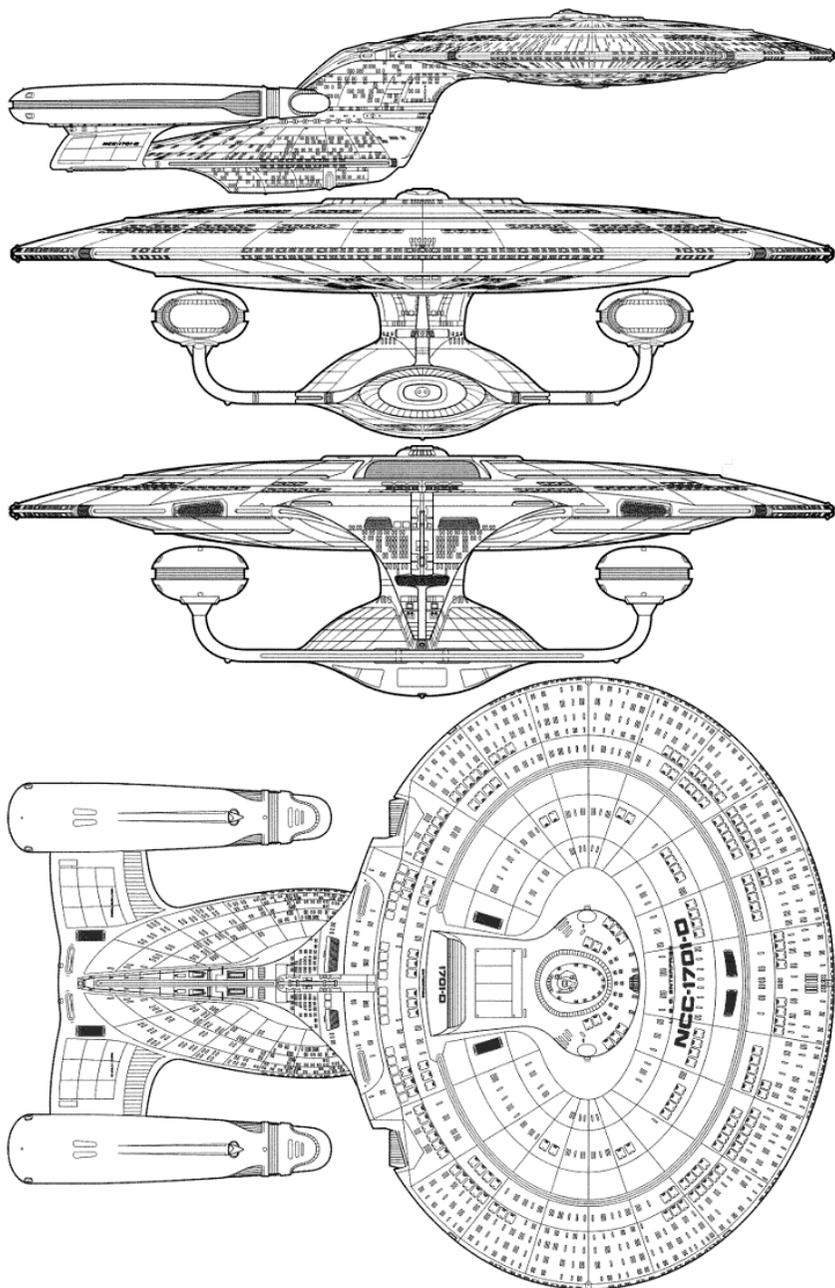
## CLASS INFORMATION:

The largest vessel in the fleet, the *Galaxy*-class took a record fourteen years to design and develop. A replacement for the aging *Ambassador*-class, the *Galaxy* represented a cutting-edge combination of existing and new technologies into an ambitious design. With a standard mission length of seven years, and twenty years between overhauls, these vessels could explore farther into space than ever before.

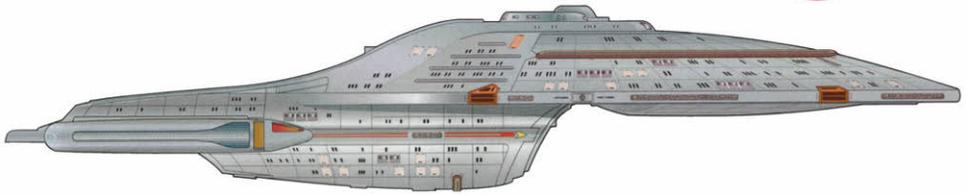
*Galaxy*-class starships were the first designed to support crew and their families, making them a coveted assignment. They also pioneered routine hull separation - the 'saucer section' being able to operate independently of the 'stardrive section'.

An initial set of six *Galaxy*-class vessels were built, including the much-decorated U.S.S. *Enterprise* NCC-1701-D. After the Borg incursion of 2366-67 - an attack which was foiled by the *Enterprise-D* - a further set of six spaceframes were assembled to an improved specification.





# INTREPID CLASS



**Class:** Intrepid

**Type:** Light Explorer

**Commissioned:** 2370

**Production Base:** Earth Station  
McKinley & Utopia Planitia

**Length:** 344.5 metres

**Beam:** 132.1 metres

**Height:** 64.4 metres

**Mass:** 700,000 metric tons

**Crew:** 150

**Cruising Speed:** Warp 9.8

**Maximum Speed:** Warp 9.975

**Armament:** 11 Type X phaser  
arrays, 4 Mk 95 photon torpedo  
launchers

**NCC**    **Known Ships (USS)**

74705 Bellerophon

74121 Elkins \*

74600 Intrepid

74656 Voyager

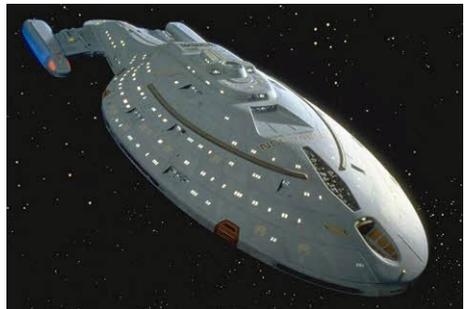
65674 Yeager \*

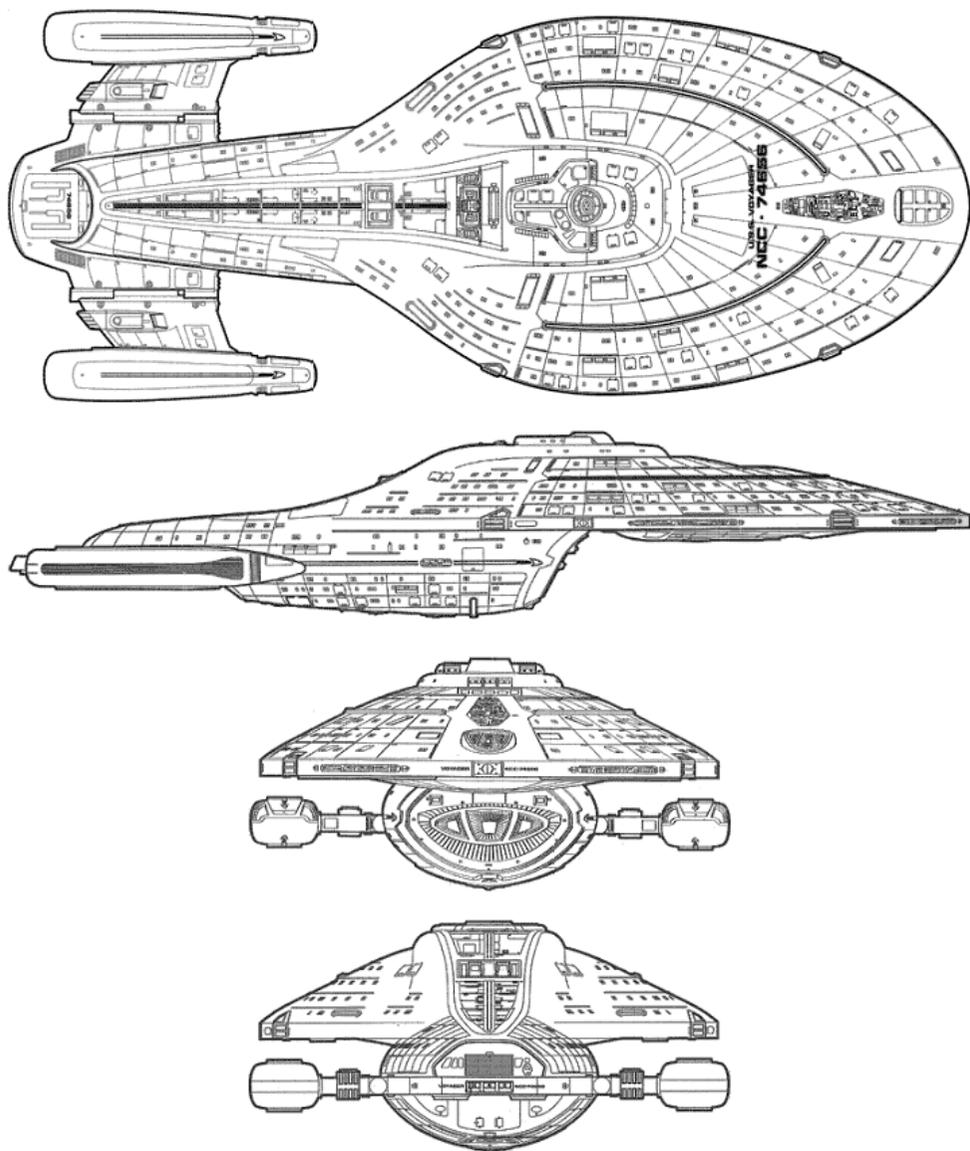
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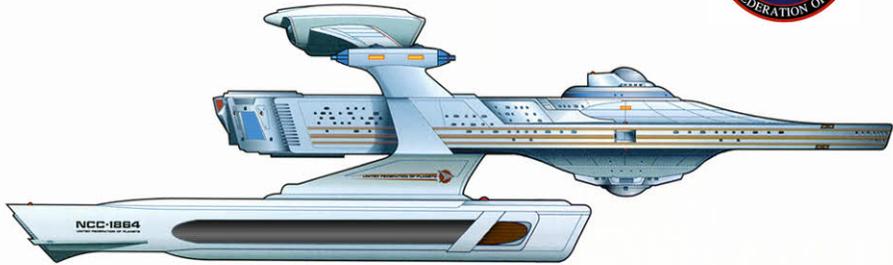
Commissioned in 2370, the *Intrepid*-class marks a change in Starfleet's design philosophy from larger, more complicated ships to smaller, more efficient vessels. The compact *Intrepid* features variable geometry warp nacelles which maximise efficiency, allowing very high speeds from a comparatively small power source, while minimising damage to the fabric of space. The class is also equipped with spare components to replace its warp core. The ship's advanced computer system was the first to use bio-neural gel packs for enhanced processing speed. Finally the *Intrepid*-class pioneered landing systems allowing it to make routine planetfall.

Four *Intrepid*-class starships were initially commissioned. The second, the *U.S.S. Voyager* NCC-74656, made more first contacts than any other Federation starship while marooned in the Delta Quadrant from 2371 to 2377.





# MIRANDA CLASS



**Class:** Miranda  
**Type:** Medium Cruiser

**Commissioned:** 2283

**Production Base:** 40 Eridani A  
Yards & Starbase 134, Rigel VI

**Length:** 237.6 metres

**Beam:** 141.7 metres

**Height:** 58 metres

**Mass:** 150,000 metric tons

**Crew:** 360

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9.2

**Armament:** 6 Type VII phaser  
banks, 2 pulse phaser cannons,  
4 Mk 22 photon torpedo  
launchers (optional)

**NCC**    **Known Ships (USS)**

21166 Brattain

1856 Emden

1837 Lantree \*†

31060 Majestic †  
Miranda

31910 Nautilus

1864 Reliant †

1867 Saratoga

31911 Saratoga \*†

31905 Shir Kahr †

Sitak †

21382 Tian An Men †

1948 Trial

13741 (Name unknown)

\* Variant

† Lost or destroyed

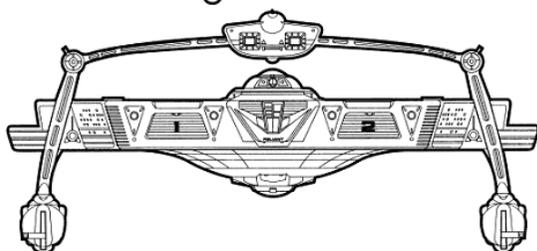
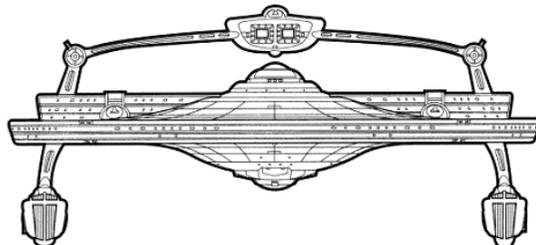
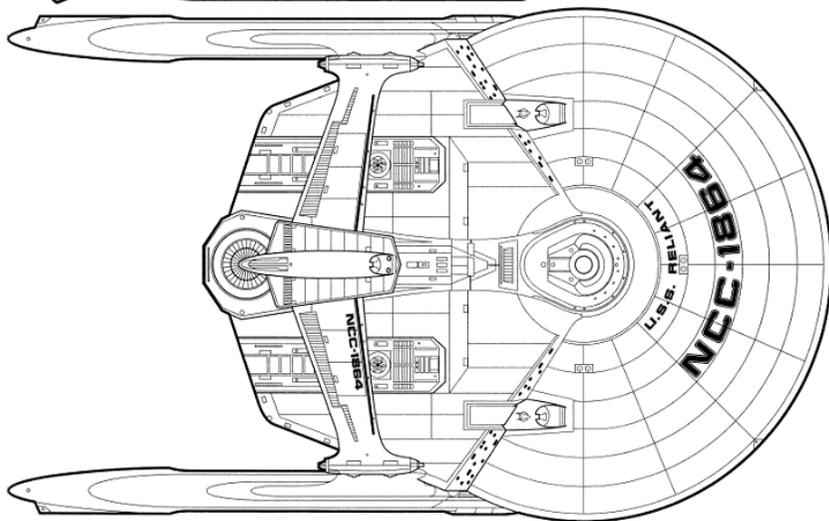
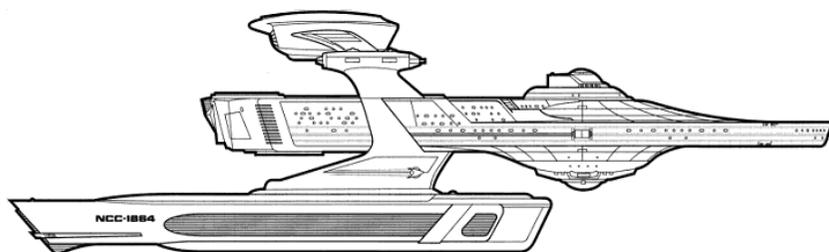
## CLASS INFORMATION:

One of Starfleet's most successful and long-lived designs, the *Miranda*-class entered service in 2283 and was still a mainstay of the fleet over ninety years later.

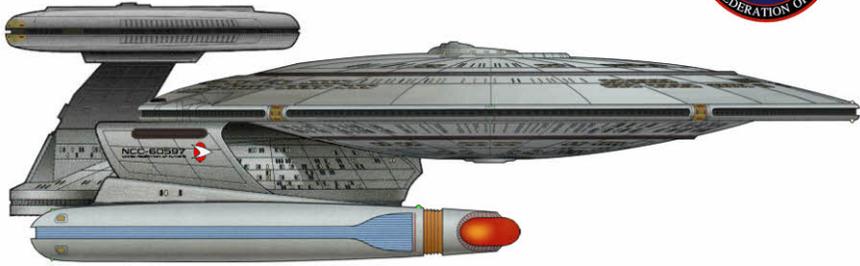
Developed as a complement to the refit *Constitution*-class in the late 23rd century, the *Miranda*'s ease of construction and adaptability meant Starfleet produced the vessel in large numbers.

The *Miranda*-class can be customised for a variety of tasks, including combat, scientific research, support services and cargo transport. A removable weapons bar holds pairs of forward and aft torpedo tubes, plus twin pulse phaser cannons which draw power direct from the main plasma conduits to the warp nacelles. Outboard weapon and sensor mounts can also be added instead of the rollbar.





# NEBULA CLASS



**Class:** Nebula

**Type:** Explorer

**Commissioned:** 2357

**Production Base:** Utopia Planitia & San Francisco Fleet Yards

**Length:** 465 metres

**Beam:** 467.1 metres

**Height:** 140.5 metres

**Mass:** 3,309,000 metric tons

**Crew:** 750

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9.6

**Armament:** 8 Type X phaser arrays, 3 Mk 80 photon torpedo launchers

**NCC**    **Known Ships (USS)**

62048 Bellerophon †

70915 Bonchune \*

71805 Endeavour

60597 Farragut †  
Garuda

62006 Hera †

60205 Honshu †

70352 Leeds

61832 Lexington

61827 Merrimac

61826 Monitor

60147 Nebula

65420 Phoenix \*

71201 Prometheus

61952 Proxima †

72015 Sutherland

62100 T'Kumbra

66808 Ulysses

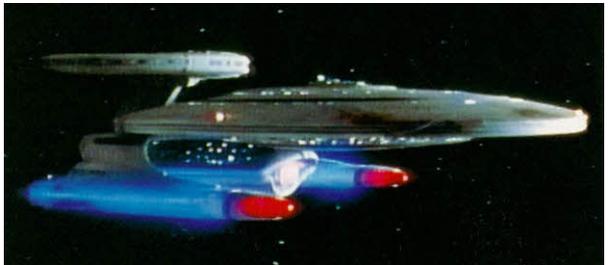
\* Variant † Lost or destroyed

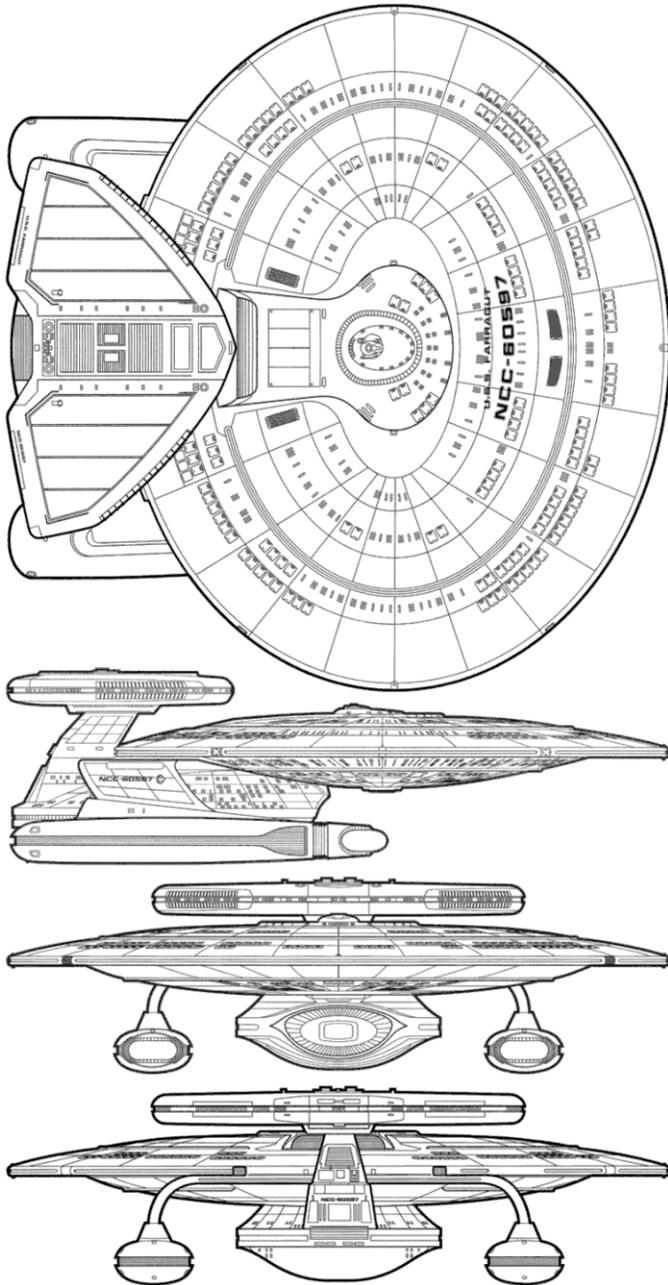
## CLASS INFORMATION:

The *Nebula*-class starship shares many of the same components and technology as the larger *Galaxy*-class. Developed in parallel and also commissioned in 2357, the *Nebula*'s cost-effective and more compact design has made it one of the most common ships in the fleet.

The *Nebula*-class features a large, interchangeable upper equipment module. The ship can be configured for a variety of mission profiles with a tactical, sensor, cargo or probe pod. Combined with flexible primary systems this makes the *Nebula* one of Starfleet's most versatile vessels.

The *U.S.S. Sutherland* NCC-72015, under the command of Lt. Cmdr. Data, foiled a Romulan supply line to the Duras family during the Klingon Civil War.





# NOVA CLASS



**Class:** Nova  
**Type:** Surveyor  
**Commissioned:** 2368  
**Production Base:** Utopia Planitia Fleet Yards, Mars  
**Length:** 165 metres  
**Beam:** 81.2 metres  
**Height:** 31.4 metres

**Mass:** 110,000 metric tons  
**Crew:** 80  
**Cruising Speed:** Warp 6  
**Maximum Speed:** Warp 8  
**Armament:** 11 Type X phaser arrays, 2 Mk 95 photon torpedo launchers

**NCC**    **Known Ships (USS)**  
72381    Equinox †  
73515    Nova  
72701    Rhode Island \*  
\* Variant † Lost or destroyed

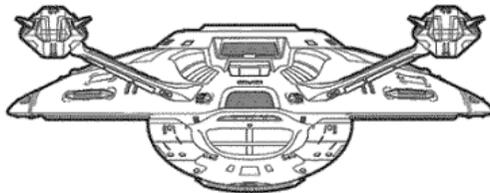
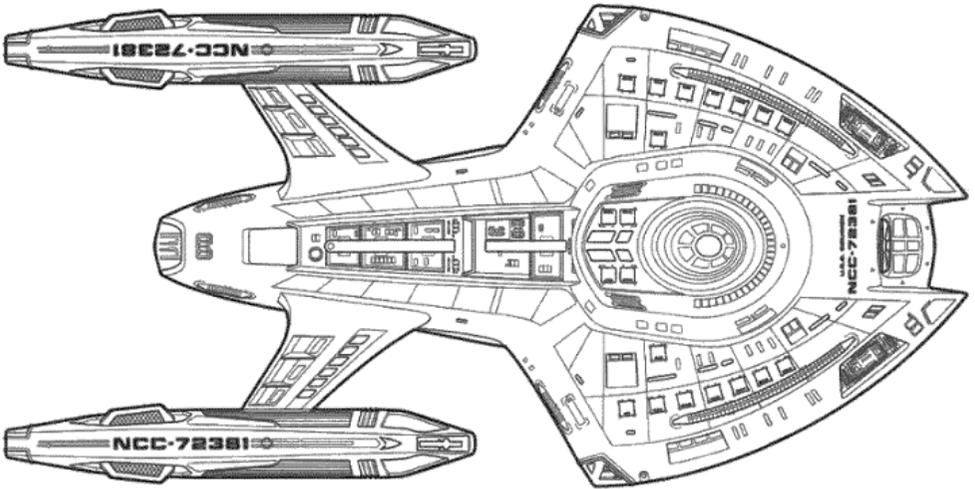
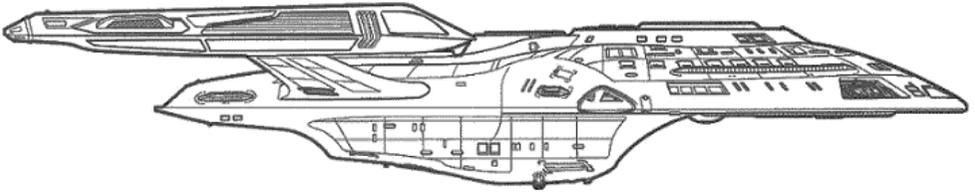
## CLASS INFORMATION:

Starfleet's successor to the long-lived *Oberth*-class surveyor, the *Nova*-class was first commissioned in 2368 and is designed for short-range, limited duration research missions. Essentially a flying sensor platform, the *Nova*-class's advanced, integrated sensor suite allows research to a level unparalleled in Starfleet history.

The spaceframe itself was originally the *Defiant*-class 'pathfinder' prototype, before that project was redefined with the looming threat of the Borg. Like the *Intrepid*-class, the *Nova* has landing capability, and carries an advanced atmospheric operations shuttlecraft, the *Waverider*, in the underside of its primary hull.

The *U.S.S. Equinox* NCC-72381 vanished near the Badlands in 2370. It was later discovered in the Delta Quadrant by the *U.S.S. Voyager*, having survived in conditions far above its design parameters - proving the effectiveness of the design.





# NX CLASS



**Class:** NX/Enterprise  
**Type:** Explorer  
**Commissioned:** 2151  
**Production Base:** Warp Five Complex, Earth  
**Length:** 225 metres  
**Beam:** 135.8 metres  
**Height:** 33.3 metres

**Mass:** 80,000 metric tons  
**Crew:** 83  
**Cruising Speed:** Warp 4.5 \*  
**Maximum Speed:** Warp 5.2 \*  
**Armament:** 4 Plasma cannons, 4 phase cannons, 6 spatial/photonic torpedo launchers  
\* *Original Cochrane Unit (OCU)*

<b>NX</b>	<b>Known Ships</b>
NX-01	Enterprise
NX-02	Columbia
NX-03	Challenger †
NX-04	Discovery †
NX-09	Avenger *†

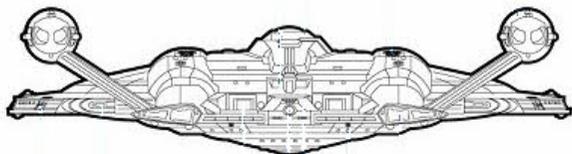
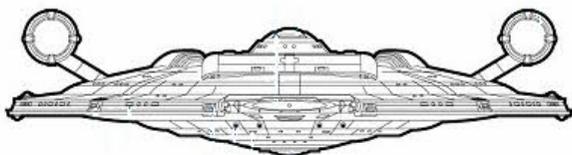
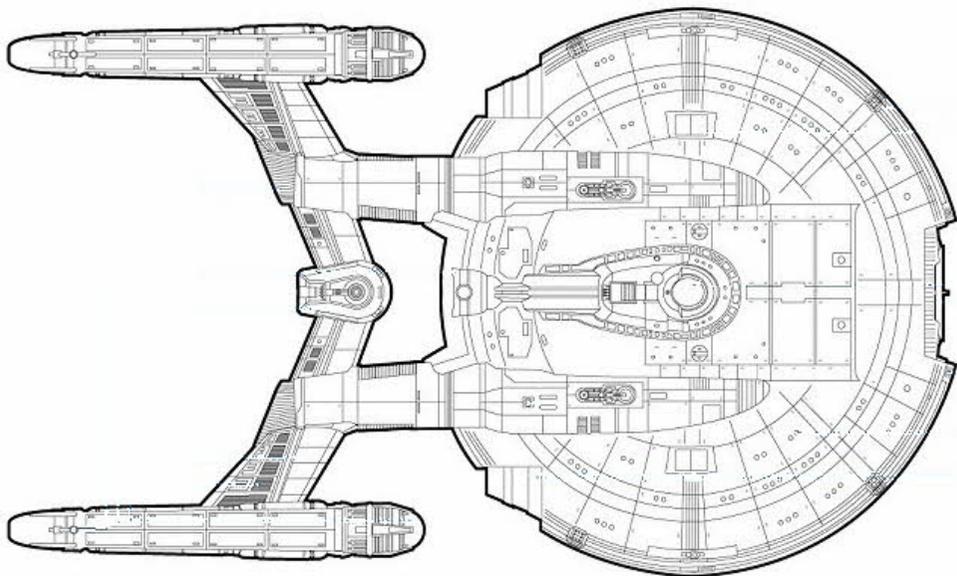
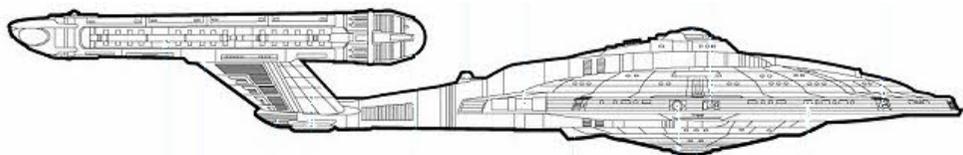
\* *Mirror universe vessel*  
† *Lost or destroyed*  
‡ *Non-canon name*

## CLASS INFORMATION:

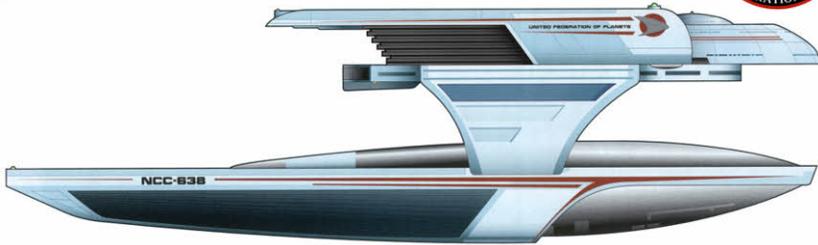
The first Warp Five capable vessel built by Starfleet, the *NX-class* paved the way for a new era of human exploration. Representing the pinnacle of mid-22nd century starship design, the *NX* featured transporters, spatial torpedoes (later upgraded to photonic torpedoes), phase cannons, hull polarisation, a magnetic 'grappler', and the revolutionary Warp Five engine, designed by Dr Henry Archer. The engine allowed journeys that at one time took years to be completed in a matter of weeks.

An initial run of four *NX-class* vessels were built. The first, the *Enterprise* NX-01, was launched in 2151 under the command of Dr Archer's son, Captain Jonathan Archer. During its historic mission, the *Enterprise* made first contact with numerous species, including the Klingons, Suliban, Andorians, Xyrillians and Tandarans. The ship and its crew also averted the destruction of Earth by the Xindi in the Delphic Expanse in 2154, and played a pivotal role in building the alliance of species which would eventually become the United Federation of Planets in 2161.





# OBERTH CLASS



**Class:** Oberth  
**Type:** Surveyor  
**Commissioned:** 2280  
**Production Base:** Copernicus Yards & Baikonur Cosmodrome  
**Length:** 159.83 metres  
**Beam:** 82.97 metres  
**Height:** 44.34 metres

**Mass:** 94,000 metric tons  
**Crew:** 78  
**Cruising Speed:** Warp 5  
**Maximum Speed:** Warp 7  
**Armament:** 3 Type VII phaser banks, 1 probe/photon torpedo launcher

NCC	Known Ships (USS)
50331	Biko
31600	Bonestell †
59318	Cochrane
623	Copernicus
638	Grissom †
1692	Helin
602	Oberth
53847	Pegasus †
29487	Raman †
1963	Springfield
53911	Tsiolkovsky †
20000	Valiant
18834	Vico *†
19002	Yosemite

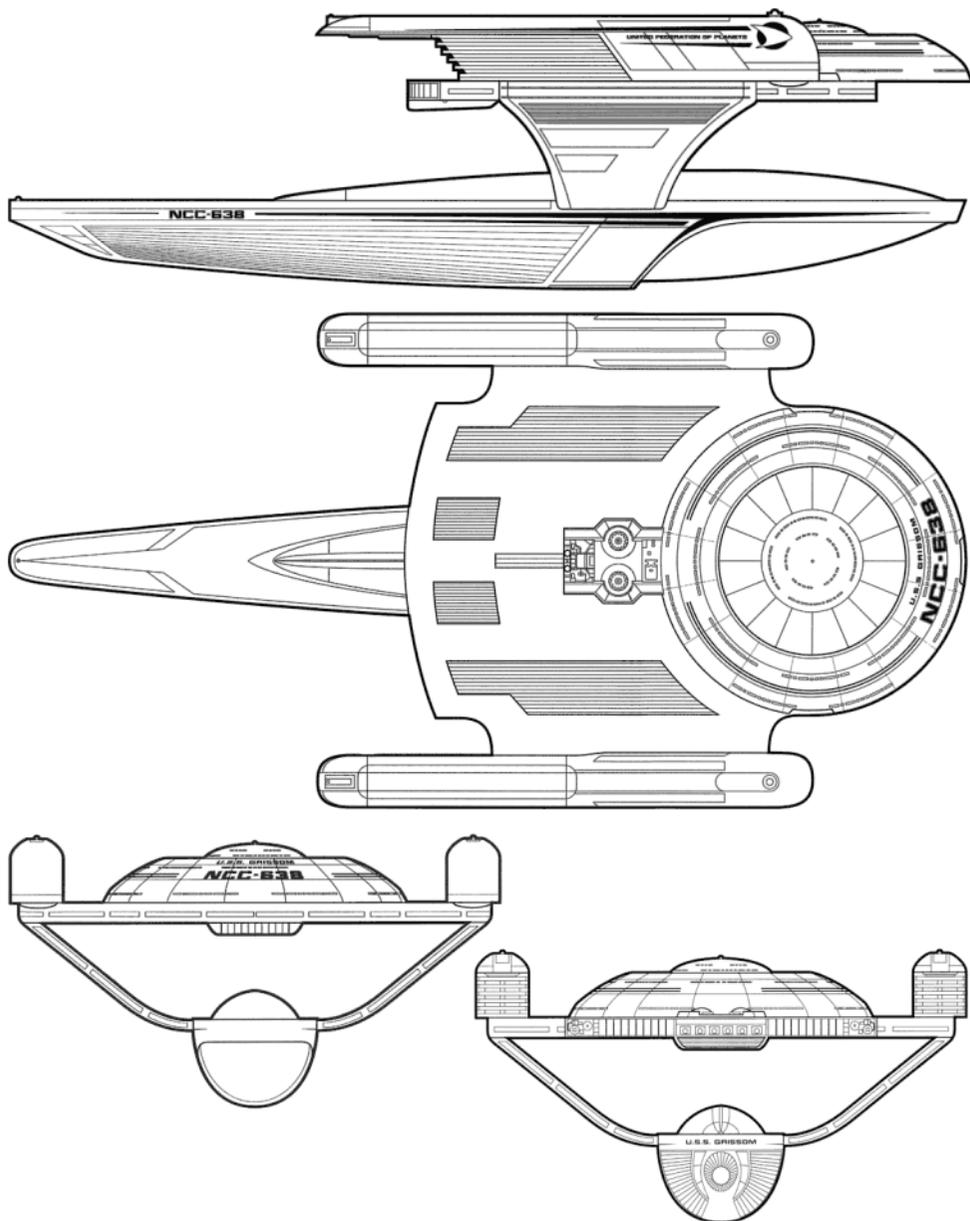
\* Civilian ship (NAR registry)  
† Lost or destroyed

## CLASS INFORMATION:

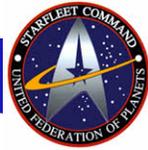
Starfleet's primary dedicated science vessel for over eighty years, the *Oberth*-class was first introduced in the 2280s. Designed to free up larger *Constitution* and *Miranda*-class vessels from pure research missions, the lightly-armed *Oberth* is effectively a flying laboratory. The *Oberth* also features a unique hull arrangement - physical travel between the primary and secondary hulls can only be done via the warp nacelle pylons.

*Oberth*-class vessels are frequently used in the civilian sector as well as by Starfleet. The class was named for 20th century German rocket pioneer Hermann Oberth. The *Oberth*-class was gradually replaced by the *Nova*-class in the 2370s.





# PROMETHEUS CLASS



**Class:** Prometheus  
**Type:** Tactical Cruiser  
**Commissioned:** 2374  
**Production Base:** Beta Antares Ship Yards, Antares Sector  
**Length:** 415 metres  
**Beam:** 170 metres  
**Height:** 113 metres

**Mass:** 850,000 metric tons  
**Crew:** 141  
**Cruising Speed:** Warp 9  
**Maximum Speed:** Warp 9.99  
**Armament:** 13 Type XII phaser arrays, 3 Mk 95 photon/quantum torpedo launchers

**NX Known Ships (USS)**  
59650 \* Prometheus  
\* Redesignated as NX-74913 after Stardate 51461

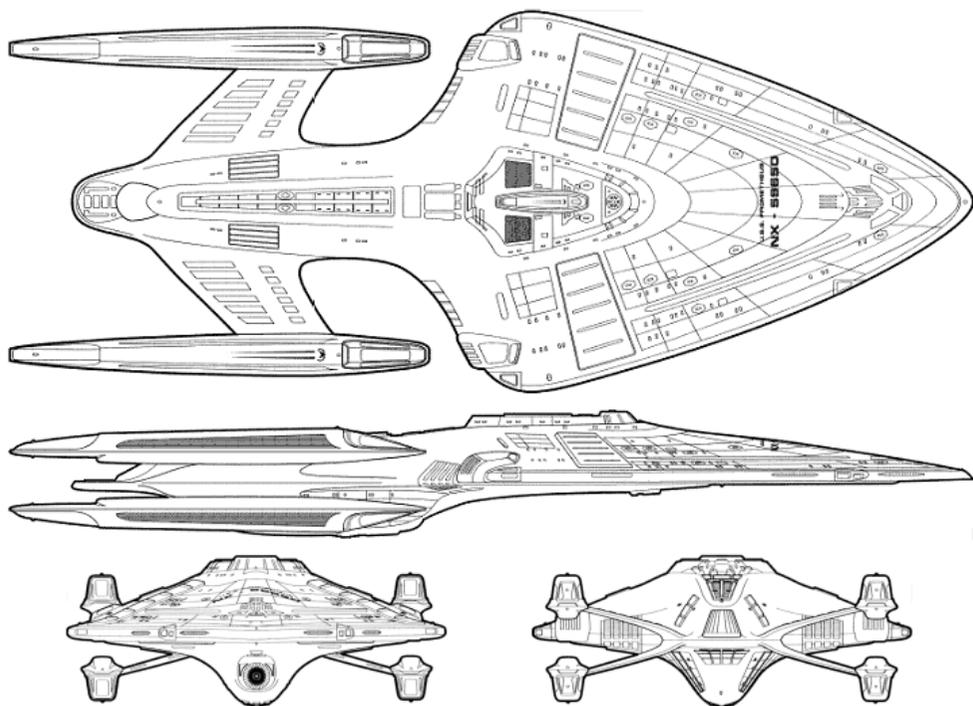
## CLASS INFORMATION:

Launched in 2374, the *Prometheus*-class starship represents the most advanced, cutting-edge design concept in the fleet. Designed for long-range tactical assignments, the *Prometheus* is a response to increasing threats to the Federation.

The *Prometheus*-class features a revolutionary 'multivector assault mode' allowing the vessel to separate into three warp-capable parts which can operate semi-independently. Other features include ablative armour, regenerative shielding, and a ship-wide holo-emitter array to allow the ship's Emergency Medical Hologram (EMH) to operate in all crew areas. The ship's control systems are so advanced, a crew of as few as four can operate the ship from the bridge.

The Romulan Tal Shiar unsuccessfully attempted to hijack the prototype on its first field-testing run.





## TACTICAL MULTI-VECTOR ATTACK SEPARATION



# SABER CLASS



**Class:** Saber  
**Type:** Light Cruiser  
**Commissioned:** 2370  
**Production Base:** Spacedock One, Earth  
**Length:** 223 metres  
**Beam:** 227 metres  
**Height:** 55 metres

**Mass:** 310,000 metric tons  
**Crew:** 40  
**Cruising Speed:** Warp 6  
**Maximum Speed:** Warp 9.7  
**Armament:** 4 Type X phaser arrays, 2 Mk 75 photon torpedo launchers

NCC	Known Ships (USS)
1941-A	Bozeman $\phi$
81623	da Vinci $\phi$
61956	Pearson Saber
61947	Yeager
	$\phi$ Non-canon

## CLASS INFORMATION:

The *Saber*-class starship was introduced in 2370 as part of Starfleet's initiative to create a new generation of ships to combat any future Borg incursions after the defeat at Wolf 359. Designed primarily for reconnaissance, patrol and escort duties, the *Saber's* manoeuvrability and versatility make it a reliable combat vessel.

Twice the size of the *Defiant*-class, the *Saber*-class shares many of the design features of its little sister, as well as of the larger *Steamrunner*-class. Its compact design allows it to maintain faster impulse speeds and turn more tightly than other, larger ships. The *Saber* needs this speed, as its design features a weaker hull than other Starfleet vessels, and less shield power than most other ships. Nevertheless, *Saber*-class vessels played a key role in repelling the second Borg incursion in 2373.





# SOVEREIGN CLASS



**Class:** Sovereign  
**Type:** Heavy Cruiser  
**Commissioned:** 2369  
**Production Base:** San Francisco Fleet Yards, Earth  
**Length:** 685.3 metres  
**Beam:** 250.6 metres  
**Height:** 88.2 metres

**Mass:** 3,205,000 metric tons  
**Crew:** 855  
**Cruising Speed:** Warp 6  
**Maximum Speed:** Warp 9.99  
**Armament:** 16 Type XII phaser arrays, 8 Mk 95 photon torpedo launchers, 1 Mk 95 quantum torpedo launcher

**NCC**    **Known Ships (USS)**  
1701-E    Enterprise  
73811    Sovereign

## CLASS INFORMATION:

The *Sovereign*-class is Starfleet's replacement for the venerable *Excelsior*-class. Designed as a multi-function vessel effective for long-range exploration and combat, the *Sovereign* is equipped with advanced weapons and upgraded sensor and shield systems.

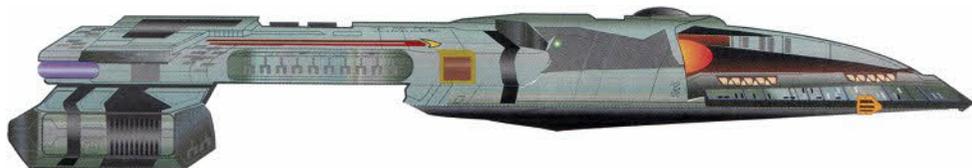
Work on the class began in 2365, but Starfleet's defeat by the Borg at Wolf 359 a year later prompted the Advanced Starship Design Bureau (ASDB) to make tactical upgrades to the design. The spaceframe has no large dorsal between the saucer and engineering hulls, augmenting structural integrity. It also features a modified warp drive that will not harm the fabric of space, which is now standard throughout the fleet. The bottom of the saucer houses a warp-capable captain's yacht.

The prototype *U.S.S. Sovereign* NX-73811 was commissioned in 2369, with the *U.S.S. Enterprise* NCC-1701-E - the flagship of the Federation - following in 2372.





# STEAMRUNNER CLASS



**Class:** Steamrunner

**Type:** Frigate

**Commissioned:** 2371

**Production Base:** Antares & Utopia Planitia Fleet Yards

**Length:** 356 metres

**Beam:** 262 metres

**Height:** 59 metres

**Mass:** 889,000 metric tons

**Crew:** 270

**Cruising Speed:** Warp 6

**Maximum Speed:** Warp 9.7

**Armament:** 6 Type X phaser arrays, 2 Mk 75 photon torpedo launchers

**NCC Known Ships (USS)**

52136 Appalachia

52133 Cavor

59015 Hiroshima †

52142 Menehune

Steamrunner

† *Lost or destroyed*

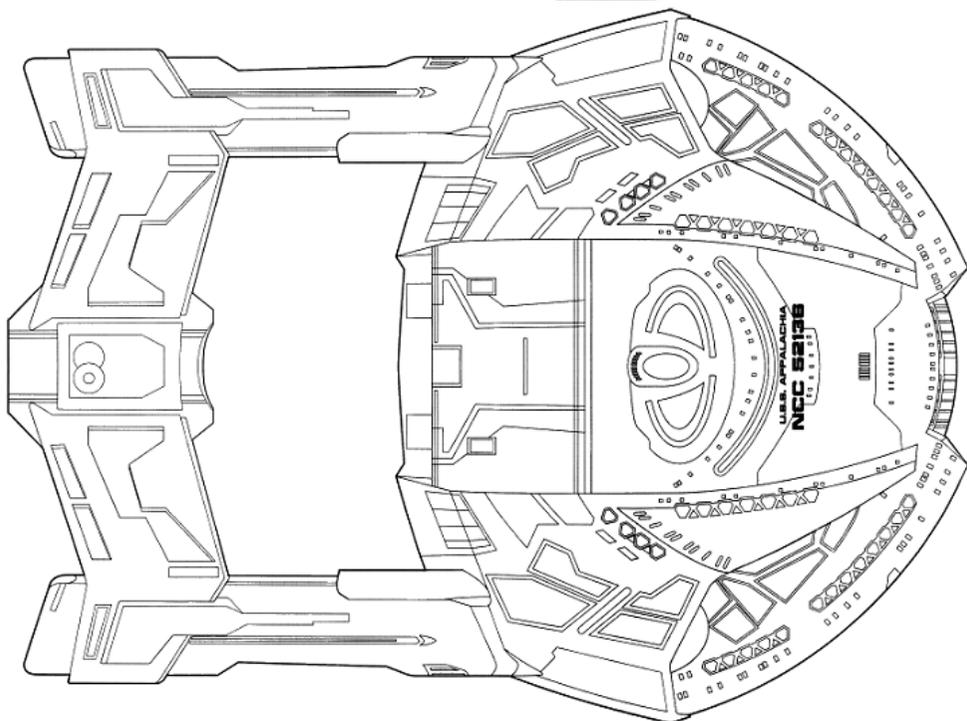
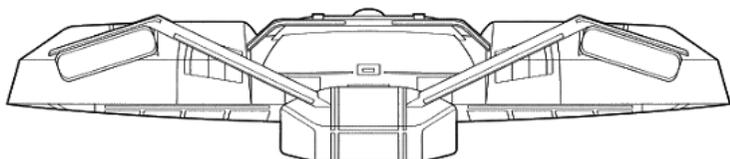
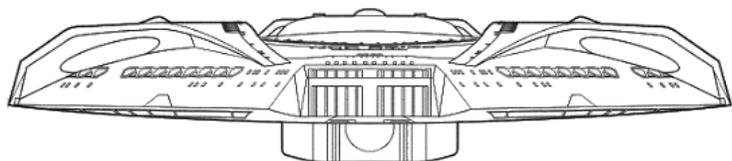
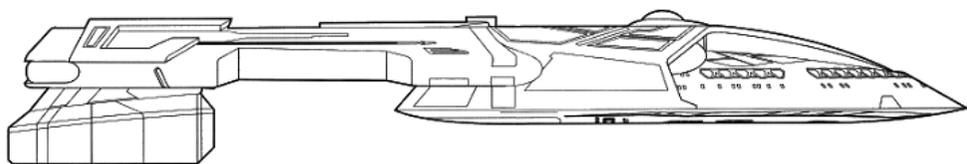
## CLASS INFORMATION:

The *Steamrunner*-class went into production in 2371 as part of Starfleet's response to the Dominion's larger, disposable Jem'Hadar fleets, and the continuing Borg threat. The ship's mission profile includes perimeter patrol and defence, long-range threat response, covert operations and combat support.

Like the *Akira*-class, the *Steamrunner* features a large through-saucer shuttlebay. As well as standard photon torpedoes, the *Steamrunner*-class can be armed with high-yield tri-cobalt torpedoes, effective as long-range artillery.

The *Steamrunner*-class, along with its contemporary the *Saber*-class, pioneers a new, compact mounting of the warp nacelles directly into the primary hull, rather than on traditional pylons. This new design feature is made possible thanks to improvements in radiation shielding technology, allowing the ship's crew increased protection from the warp field generators.

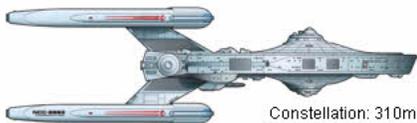
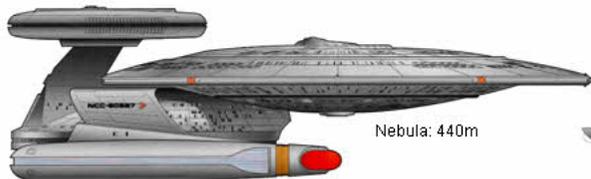
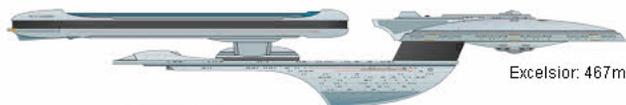
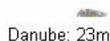




# SIZE COMPARISON



0 100m 200m 300m



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Page 3: Schematics - Adam Heinbuch  
**AMBASSADOR CLASS** - *Designed by Rick Sternbach*  
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**SIZE COMPARISON CHART** - Page 40: Adapted from the Fleet Charts of Bernd Schneider (Ex Astris Scientia).

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