SHIPS OF THE STAR FLEET
Volume Two: Patrol Combatants

One hundred and ninety-fifth year of issue
2377-2378

The standard reference guide to the vessels of the Star Fleet
# CONTENTS

Preface

01 State of the Fleet
02 Ship Classifications
03 A Note About Registries

Patrol Combatants
04 Entente Class

Shuttlecarriers
05 Courageous Class

Space Control Ships
06 Griffon Class

Command Ships
07 Whitehall Class

Frigates
08 New Orleans Class
09 Norway Class
10 The Sullivans Class

Destroyers
11 Steamrunner Class
12 Freedom Class

Appendix
13 About the Publishing Team
14 Credits
15 Team Kempo
16 Author’s Notes
17 Art Credits
This one hundred and ninetieth edition of Ships of the Star Fleet continues the tradition of this publication in providing the most comprehensive data on the ships of the line of Star Fleet. This information has been organized to make it easy for the reader to locate the data desired. The individual vessel listings (which appear in chart form) display a ship’s current navigational contract code number, the date the ship’s keel was laid, the date the vessel was launched from dock to begin acceptance trials, and the date that ship was commissioned into the Star Fleet. Terran local calendar dates have been used for all entries, regardless of the shipyard’s location. The illustrations accompanying most starship sections show the side, fore, aft, bottom, and top views of each starship. In addition, the Starship Development Project Logo (where known) for each class is on the first page of each entry. We have also included a picture of the ship in service.

As it has been since the 150th issue, Ships of the Star Fleet is broken up into six separate sections. The first three installments deal with the vessels that make up the Star Fleet: Volume One covering Cruisers, Volume Two covering Patrol Combatants (dreadnoughts, frigates, and destroyers), and Volume Three finishing up with Scouts and Escorts. The next two installments deal with the Star Fleet itself. Volume Four will provide coverage on Star Fleet organization, including TacFleet, the Rapid Deployment Force, and the Star Fleet Reserve Force. Volume Five showcases Star Fleet facilities such as starbases, spacedocks, shipyards, and repair facilities. And finally, Volume Six covers the specialized ground-combat forces of the Star Fleet, including the Star Fleet Marine Corps and the groups that make up the Star Fleet Special Operations Command. All of these are of major importance to the effectiveness of the Star Fleet.

The publishers of the 190th edition of Ships of the Star Fleet are indebted to the members of Team Kempo and Team Neko for their assistance in both the compilation of data and layout duties. The publishers also wish to thank Admiral Alex Rosenzweig of the Department of Technical Services for providing needed technical information. Commodore David Pipgras of the Office of Graphic Design lent his talents to the logos seen herein, while other members of this illustrious Office rendered the beautiful views of the ships themselves. And a final thank you to the members of the Star Fleet Press Corp who took the beautiful pictures of the ships seen within.

The publication schedule for Ships of the Star Fleet is as follows:
Volume One  -  January
Volume Two  -  February
Volume Three  -  March
Volume Four  -  April
Volume Five  -  May
Volume Six  -  June

Compilation of data for the 191st edition (2378-9) has already begun, and comments or additional data are welcome. Information or material should be directed to the Starfleet Spacecraft Design Advisory Commission, Publications Group, Utopia Planitia Spacedock, Mars.

Admiral Chris Wallace
Chief of Star Fleet Operations
March 2377
SHIPS OF THE STAR FLEET
It has been a little over a year since the defeat of the Dominion and their Breen and Cardassian Allies. Though the Federation Alliance proved victorious, the cost was staggering with Starfleet suffering almost two thousand ships and over a million men lost.

The charter of the Star Fleet has always been to defend and explore the Federation. Whilst the ideal is a balance of offensive, defensive, and exploratory capabilities, political and budgetary realities often make this ideal an impossible one to achieve. The Star Fleet has only so large a ship budget, and since the 2340’s has pushed for the design and construction of “multi-mission” starship platforms that could perform all three roles, to various degrees. With the Federation-Klingon Alliance and the “disappearance” of the Romulans from everyday affairs, ships like the New Orleans class were developed more as explorers than combat vessels. When war broke out between the Federation and the Cardassian Union in 2355, the New Orleans class were unable to serve in combat missions due to their lack of photon torpedo launchers. While this problem was quickly rectified, the months that these vessels spent away from the fighting placed heavy demands on the Ambassador and Steamrunner class ships. Star Fleet learned from the Cardassian War, and by the mid-2360’s the new Akira and Norway classes had entered service, greatly enhancing the force-projection capabilities of the Fleet.

The destruction of the Galaxy class cruiser U.S.S. Odyssey (CKE 71832) by Jem’Hadar forces in the Gamma Quadrant spurred the Federation into a war footing. Upon assuming the position of Chief of Fleet Operations in 2373, Rear Admiral Chris Wallace embarked on a program to increase the size and strength of TacFleet, primarily by increasing production of Akira and Intrepid class starships, as well as rushing the final three Galaxy (II) class starships into production and beginning full-scale construction of the Sovereign class. He also fought hard for additional funding to modernize and re-equip the Star Fleet for extended combat operations.

The Federation entered the war with close to 3,500 Class One starships. At the signing of the Armistice, that number had fallen to below 1,800. In addition, the loss of Command-level officers and the experience they carried have been extremely damaging to the Fleet. Now-Admiral Wallace began the rebuilding of the Star Fleet. Plans call for the force to be up to 2100 ships by 2380 and 2500 ships by 2385. These new ships will need trained crews to man them, so a parallel program to enhance and expand Starfleet Academy has also been implemented, as well as accelerated training for Lieutenant Commanders and Commanders who have shown exceptional ability to advance them to Captain rank and starship command postings.

Currently, the Star Fleet is concentrating on the rapid introduction of vessels of the Intrepid and Norway classes to augment the Fleet, as both can be produced quickly and inexpensively. Construction of the larger Sovereign class has been increased from the current one to two per year (with those vessels already under construction continuing their accelerated build and fitting-out schedules). Akira class construction will remain at current levels for the time being, as sufficient numbers exist to meet slated patrol duties.

Construction of large explorers has been curtailed in favor of dedicating resources to the Intrepid and Norway. Construction funds for five additional Nottingham class vessels have been placed on hold, pending a thorough review of both the class and large explorers in general. As for the Galaxy class, the Galaxy (CKE 70637) is being uprated to Galaxy (II) specs during her extensive repair layover and is scheduled to return to Fleet service in six-to-nine months. Both Challenger and Venture are in need of a new warp-core installation after damage involved in
the Battle for Earth, and both will probably also undergo conversion to Galaxy (II) specifications as it is an all-around superior platform.

While Explorer construction is being curtailed, scout and escort construction will continue to be strong. The Aquila class of scouts has been approved, with six hulls being funded. The Defiant class, with seven ships currently in service, will also probably see additional units acquired.

For the moment, the older Miranda and Soyuz class ships will continue their tours of duty. However, losses in the Dominion War for these vessels was extensive, and designs for a replacement class of ships are currently being drawn up by the Starfleet Spacecraft Design Advisory Commission.

The current goals for the Star Fleet, then, are an increase from the current 1800 Class One starships in 2377 to 2100 vessels in 2380 and 2500 in 2385. While this represents a net reduction of 1000 ships from the 2375 levels entering the War, the net reduction to TacFleet will only be 250 and they will have far more of the latest and most advanced models at their disposal.

### ACHIEVING A 2500-SHIP FLEET

The planned 2500-ship fleet is shown in the last column of Table 1-1. These numbers may be influenced by many factors. The deactivation of older, front-line vessels ahead of schedule (especially Excelsior and Miranda); the cancellation or cutback of some construction programs; and a changing in the “direction” of the Fleet’s primary mission profile in the coming eight-year period are all possible occurrences that could affect Star Fleet’s ability to maintain a “2500-ship” fleet.

**TABLE 1-1. STAR FLEET STRENGTH (January 2378)**

<table>
<thead>
<tr>
<th></th>
<th>2375</th>
<th>2376</th>
<th>2377</th>
<th>2380</th>
<th>2385</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Ships</td>
<td>3384</td>
<td>1865</td>
<td>1954</td>
<td>2200</td>
<td>2500</td>
</tr>
<tr>
<td>TacFleet Ships</td>
<td>2046</td>
<td>1073</td>
<td>1112</td>
<td>1500</td>
<td>1750</td>
</tr>
<tr>
<td><strong>Active Ships</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cruisers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH</td>
<td>312</td>
<td>239</td>
<td>247</td>
<td>284</td>
<td>317</td>
</tr>
<tr>
<td>CS</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>CG</td>
<td>85</td>
<td>39</td>
<td>43</td>
<td>90</td>
<td>125</td>
</tr>
<tr>
<td>CD</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>CKE</td>
<td>09</td>
<td>10</td>
<td>11</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>CE</td>
<td>61</td>
<td>48</td>
<td>50</td>
<td>63</td>
<td>77</td>
</tr>
<tr>
<td>CA</td>
<td>151</td>
<td>91</td>
<td>95</td>
<td>115</td>
<td>155</td>
</tr>
<tr>
<td>CL</td>
<td>57</td>
<td>30</td>
<td>31</td>
<td>34</td>
<td>40</td>
</tr>
<tr>
<td>CP</td>
<td>21</td>
<td>03</td>
<td>03</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>CT</td>
<td>01</td>
<td>01</td>
<td>01</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td><strong>Frigates</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FH</td>
<td>47</td>
<td>24</td>
<td>25</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>FR</td>
<td>240</td>
<td>110</td>
<td>110</td>
<td>120</td>
<td>140</td>
</tr>
<tr>
<td><strong>Destroyers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DH</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
</tr>
<tr>
<td>DD</td>
<td>100</td>
<td>107</td>
<td>107</td>
<td>116</td>
<td>126</td>
</tr>
<tr>
<td><strong>Scouts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SS</td>
<td>45</td>
<td>38</td>
<td>38</td>
<td>38</td>
<td>38</td>
</tr>
<tr>
<td>ST</td>
<td>340</td>
<td>190</td>
<td>195</td>
<td>232</td>
<td>262</td>
</tr>
<tr>
<td><strong>Patrol Combatants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DN</td>
<td>02</td>
<td>02</td>
<td>02</td>
<td>04</td>
<td>05</td>
</tr>
<tr>
<td>CO</td>
<td>05</td>
<td>06</td>
<td>04</td>
<td>05</td>
<td>05</td>
</tr>
<tr>
<td>PKA/PA</td>
<td>110</td>
<td>75</td>
<td>85</td>
<td>100</td>
<td>125</td>
</tr>
<tr>
<td><strong>Shuttlecarriers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>01</td>
<td>01</td>
<td>01</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td><strong>Space Control Ships</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>03</td>
<td>03</td>
<td>03</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td><strong>Fleet Auxiliaries</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transports</td>
<td>78</td>
<td>49</td>
<td>54</td>
<td>97</td>
<td>113</td>
</tr>
<tr>
<td>Transport/Tugs</td>
<td>375</td>
<td>281</td>
<td>304</td>
<td>328</td>
<td>357</td>
</tr>
<tr>
<td>Tenders</td>
<td>150</td>
<td>117</td>
<td>120</td>
<td>138</td>
<td>162</td>
</tr>
<tr>
<td>Combat Support</td>
<td>150</td>
<td>81</td>
<td>81</td>
<td>93</td>
<td>110</td>
</tr>
</tbody>
</table>
The cruiser remains the focal point of the new Fleet strategy and shipbuilding program, including the 5 ships of the Sovereign class; the 2 Galaxy and 7 Galaxy (II) class; 10 Intrepid class; 24 Nebula Class; 22 Excelsior Class; 5 Niagara class; 4 Challenger class; 15 Ambassador Class; 2 Nottingham class and 2 Prometheus class.

In 2371, Star Fleet approved construction of a new class of large exploratory cruisers, known as the Nottingham class. Designed to slot in below the Galaxy / Galaxy (II) class in size and overall mission capabilities, they do carry the latest technology. Five vessels were approved, but with the onset of the Dominion War, only two vessels were laid down. Funding for the third vessel was authorized in 2377 and the final two are expected to receive funding during the next budget process.

The five vessels of the Sovereign class proved their worth during the war, and will soon be joined by a fifth. An additional ten vessels of this class have been approved, with construction moving to two a year.

The Intrepid class will quickly become the backbone of the new fleet, as they are quick and inexpensive to produce, and offer excellent multi-mission capabilities. Currently forty vessels are planned, at the rate of five a year. This class proved to be a popular and valuable diplomatic courier during the war, and one of the scheduled new builds, U.S.S. Jaguar (CE 74750), will be built as a template for a possible new series of Diplomatic Cruisers when she goes active in early 2380. It is hoped this will prove a more cost-effective platform then the single Bradbury class diplomatic cruiser.

The Prometheus class deep-space tactical cruiser, while proving to be a powerful design, is feared to be too expensive and complicated to build in large numbers and only the prototype is in service.

FRIGATES

Though ships of the New Orleans and Norway classes continue to serve well, it has been decided to begin preliminary work on a future replacement rather than restarting the production lines. The Sullivan's class of tactical frigate now stands at ten vessels. The earlier Mk. I and Mk. II spec vessels are expected to be modified during general layover to the Mk. III spec of the last three.

DESTROYERS

No new destroyer-type construction is planned for the foreseeable future. The twenty planned Alaric (DD 77831) class heavy destroyers will serve as supplement to the earlier Steamrunner and Freedom classes when they start entering service in 2380. None of these vessels have a very effective scientific capability and additional examples are not being considered at this time.

SCOUTS

The only new scoutship currently under active production is the Aquila (ST 77453) class, six of which have been authorized to replace the six century-old Cygnus class of scouts. Most of the exploration fleet consists of older ships, but due to the narrowness of their mission parameters, they are still more than capable of fulfilling their intended role.

A handful of Yeager class scouts were built during the war from components of Intrepid and other classes, but their “Frankenstein” nature has proven to be of rather dubious value and all are planned for immediate retirement. The Oberth class currently make up the bulk of the scout fleet, with the swift Cheyenne’s being used on deep-range mapping missions for later follow-up by Sovereign, Galaxy, and Intrepid class vessels. The twelve vessels of the Nova class will help supplement the Oberth’s in this role.

<table>
<thead>
<tr>
<th>Number/ Type</th>
<th>2380</th>
<th>2381</th>
<th>2382</th>
<th>2383</th>
<th>2384</th>
<th>2385</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKE 78505</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large Exploratory Cruiser/Nottingham class</td>
<td>01</td>
<td>00</td>
<td>01</td>
<td>00</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>CH 73811</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Cruiser/Sovereign class</td>
<td>02</td>
<td>02</td>
<td>02</td>
<td>02</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>CL 60590</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light Cruiser/Nebula class</td>
<td>02</td>
<td>02</td>
<td>03</td>
<td>04</td>
<td>05</td>
<td>05</td>
</tr>
<tr>
<td>CE 74655</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cruiser/Intrepid class</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>CG 62497</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battlecruiser/Akira class</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>DN 73820</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dreadnought/Entente class</td>
<td>01</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td>00</td>
<td></td>
</tr>
<tr>
<td>DD 77831</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Destroyer/Alaric class</td>
<td>04</td>
<td>04</td>
<td>04</td>
<td>04</td>
<td>02</td>
<td></td>
</tr>
<tr>
<td>ES 74205</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Escort/Defiant class</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>ST 77453</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scout/Aquila class</td>
<td>02</td>
<td>01</td>
<td>01</td>
<td>00</td>
<td>00</td>
<td></td>
</tr>
<tr>
<td>TR 64381</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport/MacPherson class</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>
PATROL COMBATANTS

Two of the four vessels of the *Entente* class dreadnought have completed their outfitting and are now on patrol duties. At this time, there are no plans for any additional dreadnought construction, nor is Star Fleet actively looking at any new designs. The new *Defiant* class of escort is currently entering full production with a final build rate of five per year expected around 2380. At this time funding for twenty of these vessels has been approved, though that number is expected to at least double, if not triple, in the years ahead as these ships look to be an excellent value.

SHUTTLECARRIERS

At this time, no additional vessels of the *Courageous* class have been built and funding for the second through fourth vessels has been formally cancelled before construction could begin. As for *Courageous* herself, she is expected to remain close to Romulan space for the time being.

SPACE CONTROL SHIPS

Mistrusted and misunderstood since their inception in 2285, the Space Control ship's future remains with the three vessels of the *Griffin* class, which performed great service during the Dominion War. However, Star Fleet has yet to convince the Federation Council to fund additional vessels. Perhaps their heavy role in the rebuilding process might change this but, at this time, it is expected that these three ships will remain the limit.

COMMAND SHIPS

The large fleet actions against the Dominion reinforced the need for Star Fleet to begin consideration of building more Command Cruisers. Though three vessels of the *Sovereign*-based *Whitehall* class have been constructed, they are far too expensive for additional production. A proposal has been drafted for a command ship based on the *Intrepid* class cruiser. It is currently under review by the ASDB and SSDAC.

FLEET AUXILIARY VESSELS

With the massive movement of supplies, materials, and personnel needed to begin the task of rebuilding the Federation, a large number of auxiliary ships have been authorized for construction. The *MacPherson* (TR 64381) class will be more than doubled in size from the current forty ships to one hundred. In addition, the remaining vessels of the old Doppler and Dollond classes have been recalled from mothballs and pressed into service on the closer runs, where there slower speeds are not as much an issue.
Star Fleet ships and small craft are classified by type and by sequence within that type. The list of classifications (by approval of the Federation Commissioner for Star Fleet) is issued periodically, updating a system begun in 2208. Star Fleet’s current list, based on a format developed in 2290, seeks to offer the most comprehensive definition of the types and missions undertaken by the ships of the Star Fleet.

The following classifications are contained on the current list.

### Class One Vessels

<table>
<thead>
<tr>
<th>Class One Vessels</th>
<th>Frigates</th>
<th>Destroyers</th>
<th>Patrol Combatants</th>
<th>Specialized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cruisers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CG</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CKE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Support Ships</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TU</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RB</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Class One Auxiliaries

- **CO**: Command Ship
- **SC**: Shuttlecarrier
- **SO**: Space Control Ship

### Frigates

- **FH**: Heavy Frigate
- **FR**: Frigate
- **FF**: Fast Frigate
- **FS**: Small Frigate
- **FT**: Strategic Frigate

### Destroyers

- **DH**: Heavy Destroyer
- **DD**: Destroyer
- **DF**: Fast Destroyer
- **DS**: Super Destroyer

### Patrol Combatants

- **DN**: Dreadnought
- **DNF**: Dreadnought-Frigate
- **BB**: Battleship
- **CKV**: Large Carrier
- **CVS**: Strike Carrier
- **CV**: Carrier
- **PKA**: Large Perimeter Action Ship
- **PA**: Perimeter Action Ship
- **EI**: Escort
- **CV**: Corvette
- **FT**: Fighter-Interceptor

### Specialized

- **CO**: Command Ship
- **SC**: Shuttlecarrier
- **SO**: Space Control Ship

### Class One Auxiliaries

- **TR**: Transport
- **TT**: Transport-Tug
- **TE**: Tender
- **TU**: Tug
- **SP**: Combat Support Ship
- **SM**: Medical Ship
- **CR**: Courier
- **RB**: Runabout
A NOTE ABOUT REGISTRIES

Before 2315, Federation starship NCC numbers were assigned by class – i.e. the Enterprise class heavy cruiser was assigned numbers in the 1700 range. However, as class numbers were assigned, there either became a waste of numbers (when classes did not fill the range assigned to them) or shortages (where a class was built beyond the range reserved for it). An example of this is the Belknap class strike cruiser. Twenty vessels were originally envisioned for this class, and the numbers 2500-2519 were assigned to it. The Ascension class dreadnought, itself a variant of the Belknap class, was then assigned the numbers 2520-2536 to fill the sixteen vessels projected for procurement. However, the Belknap class proved so effective that an additional eight vessels were ordered in 2280. As 2520-2536 were already assigned to the Ascensions, these new Belknap vessels were assigned the registry numbers 2537-2444. However, shortly thereafter the dreadnoughts fell out of favor and the Ascension class was halted at ten (2530), leaving a gap of six unused numbers. This was later filled by the six vessels of the Impervious class (CA 2531), which were specifically assigned those NCC numbers for just that purpose.

In 2315, the Office of Starship Registry decided to assign registry numbers in blocks of 100 to the various starship construction facilities within the Federation. As a vessel was commissioned at each facility, it would be assigned the next available number in that block. When a block was expired, it would be assigned a new block of 100 registries. This policy was first instituted with the Deneva class of scoutships, the lead vessel being assigned the number 6200 from the pool 6200-6299 assigned to the San Francisco Fleet Yards where it was produced. Highly controversial at the time, the new policy did eliminate the waste of NCC numbers. However, to the layman, NCC numbers are now strewn about with what appears to be no apparent rhyme or reason. In fact, while NCC numbers across classes have no definable pattern, within classes the registry numbers are in ascending order based on build date. So while the Galaxy (II) class vessel U.S.S. Bright Star (CKE 71875) was commissioned after the Intrepid class U.S.S. Voyager (74656), Bright Star’s registry is higher than those Galaxy class vessels that preceded her from Utopia Planitia.

For large vessels like the Galaxy, Nebula, and Sovereign classes, vessels are generally ordered singly. Therefore, they usually have registries a few hundred numbers apart. Smaller vessels like the Saber and Norway classes are ordered in groups of four or five from the same shipyard, and as such these groups of vessels often have numbers falling one-after-the-other like the 23rd century days.
PATROL COMBATANTS
ENTENTE
CLASS DREADNOUGHT

5 DREADNOUGHTS: “ENTENTE” CLASS

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-73820</td>
<td>Entente</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>January 2365</td>
<td>December 2372</td>
<td>June 2373</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-73821</td>
<td>Mir</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>January 2365</td>
<td>January 2373</td>
<td>June 2373</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-76534</td>
<td>Ticonderoga</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>December 2369</td>
<td>October 2377</td>
<td>October 2377</td>
<td>Trials</td>
</tr>
<tr>
<td>NCC-76560</td>
<td>Broadsword</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>January 2370</td>
<td>October 2377</td>
<td>October 2377</td>
<td>Trials</td>
</tr>
<tr>
<td>NCC-77445</td>
<td>Joan of Arc</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>October 2370</td>
<td></td>
<td></td>
<td>Building</td>
</tr>
</tbody>
</table>

**Class:** The first modern dreadnought, the Entente Class, entered Fleet service in 2371 in a design competition with the Galaxy (II) Class Improved Large Exploratory Cruiser. The Entente Class was created by adding a third nacelle to the Galaxy Class spaceframe, as well as improvements in her tactical and shielding systems. As soon as the Entente entered service the extreme cost (close to 30% of a new-build vessel) dampened the prospects of additional vessels. Also, advances in weapons and shielding systems had made some of the newer vessels (like the USS Bright Star and the Sovereign class) almost their equal. However, tensions in the Gamma Quadrant with the Dominion made it seem prudent to continue development, and possible construction, of large combat vessels.

**Classification:** The Entente class is designated as a dreadnought.

**Design:** From a distance, both the Galaxy and Entente Classes look similar (sans the third nacelle). It is only when viewed from closer angles do the obvious differences between the classes become apparent. Modifications did need to be made, including the removal of Shuttlebays Two and Three (operations were considered too dangerous with the nacelle right there) and Shuttlebay One’s storage space was expanded 75% to make up for the loss of the other two bays.

**Engineering:** The third LN-41 nacelle was mounted on a special strut extending up from the secondary hull. Only one warp core is installed with modifications to provide the additional reactants necessary to power three nacelles. The system maintenance penalty stands about 15% more than a Galaxy Class, though reactant consumption is close to double.
**Tactical:** Initial plans were to add the Type XII phaser strip, but additional thought on the issue decided that sticking with improved-duration Type X units with sustained firing times increased to 35% over a standard Type X. Mounting of the FSS shield system proved impossible, and the FSQ/2 was fitted. The Mk 95 photon torpedo system was fitted to allow the firing of quantum torpedoes, but additional punch was wanted. Fitting additional photon torpedo launchers was not really an option, so it was decided to fit a massive phaser cannon on the bottom of the saucer that extends back to the dorsal connector. This cannon is fed by special high-capacity plasma conduits, but still allows separated flight mode. Output is classified, but it is rumored to be able to punch through the shields of any known starship. In addition, two narrow-beam phaser canons similar to those used on the Defiant Class were fitted to either side of the bridge to improve forward firepower. Both a Combat Information Center and Aegis are standard on the Entente Class. CETIS MK III with Type 225 TACAR II (Target Acquisition Center Accelerated Response) remain standard equipment, though the 42/ADA Countermeasures Support System has been added. The mounting hardware of the third nacelle allowed all three shuttlebays to remain in their original positions. Embarked craft is about double that of a Galaxy, including a mix of runabouts, shuttles, and Peregrine fighters.

**Computer Systems:** The Entente Class carries the same M-15 Isolinear III with LCARS system as the Galaxy Class with a tactical suite similar to that found on the U.S.S. Bright Star. The Aegis and other mission-specific computer hardware integrate directly with the onboard computer system, though multiple redundancies are in place to insure that they will continue to operate in case of primary computer failure.

**Builders:** Shinohara Heavy Industries was chosen as the prime contractor due to their experience in large-scale starship designs, having worked on the Galaxy Class project. DaimlerChrysler Aerospace provided support, as they had built the Nebula class. All of the Entente Class vessels were built at Utopia Planitia.

**Development and Construction History:** The ASDB finalized the design in December of 2364 and it was decided to use the two remaining partial Galaxy class hulls for construction. Once war with the Dominion had been declared, four more vessels were laid down. Construction on Entente (DN 73280) was completed in December 2372 and Ticonderoga (DN 73281) was completed in January 2373. Three additional vessels were approved in 2369 and 2370, with two in trials and one building.
Current Specifications for the Entente class:

Displacement: 5,520,000 mt
Overall Length: 643 m
Overall Draft: 195 m
Overall Beam: 464 m
Propulsion: Three LF-41 Mod 1 energized-energized antimatter warp drive units with Continual Warp Field Balance Generation

(System Contractor: Leeding Energies, Sydney, Earth)
Two FIG-5 subatomic unified energy impulse units
(System Contractor: Kloratis Drives, Tellar)
QASR-2 particle beam maneuvering thrusters
(System Contractor: Scarbak Propulsion Systems, Earth)
"Trentis IV" pulsed laser reaction control system
(System Contractor: Orage (ek, Aksjaj, Andor)

Velocity:
Warp 7.0 Standard Cruising Speed
Warp 9.5 Maximum Cruising Speed
Warp 9.9 Maximum Attainable Velocity

Duration: 5 years, standard
Complement:
90 Officers
575 Enlisted Crew
1000 Passengers (Normal – Up to 5000 maximum)
500 Marines (Normal – Up to 5000 maximum for short duration)
2165 Total Crew (Standard)

Embarked Craft:
1 Danube Class Runabout
4 Type 6 Personnel Shuttle
4 Type 7 Personnel Shuttle
6 Type 9A Cargo Shuttle
20 Type 10 Combat Drop Shuttles
10 Type 16 Shuttlepod
8 Peregrine Class Fighter
1 S-3 Sentry SWAC Shuttle

Navigation:
RAV / ISHAK Mod 3 Warp Celestial Guidance
(System Contractor: Tlixis Ramab RRB, Coridan III)
Computers:
M-15 Isolinear III with LCARS interface software
(System Contractor: Daystrom Computer Systems, Luna)
Phasers:
12 Type X Collimated Phaser Array
(System Contractor: Hibeams Energies, Earth)
2 Type XII Phaser Cannon
(System Contractor: Hibeams Energies, Earth)
1 Type XII Phaser Cannon
(System Contractor: Hibeams Energies, Earth)
Missiles:
4 Mk 95 Photon Torpedo Launchers
(System Contractor: Loraxial, Andor)

Defense:
FSG/2 Primary Force Field
(System Contractor: Charlotte’s Shields, Earth)
Life Support:
MM6 Modular Gravity Unit
(System Contractor: Morris Magnatronics, Palyria, Mars)
AL4 Life Support System
(System Contractor: A’Alakon Landiss, Divallax, Andor)
THE ENTENTE CLASS DREADNOUGHT U.S.S. ENTENTE (DN 73820) ENTERS AN UNCHARTED STAR SYSTEM
THE ENTENTE CLASS DREADNOUGHT U.S.S. MIR (DN 73821) AND THE NEBULA CLASS CRUISER U.S.S. ULYSSES (CL 66808) ON JOINT PATROL NEAR THE BREEN / FEDERATION BORDER
**COURAGEOUS CLASS SHUTTLECARRIER**

**1 SHUTTLECARRIER: “COURAGEOUS” CLASS**

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-74512</td>
<td>Courageous</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>September 2366</td>
<td>January 2373</td>
<td>June 2373</td>
<td>Active</td>
</tr>
</tbody>
</table>

**Class:** It has been almost five decades since the last Starfleet shuttlecarrier plying the spaceways. With the success of the Space Control Ship programs, shuttlecarriers became too expensive to justify further production or development. The existing vessels served out their initial life expectancy programs and then were mothballed. The current Space Control Design, the Griffon class, is incredibly expensive and will probably not proceed past the three vessels already produced. Based on calls by certain members of the Military Staff Committee, the Office of Research and Development commissioned a study of a possible new shuttlecarrier design to fill the need of large-scale colonization efforts. And with the stunning defeat of the Federation fleet under the command of Admiral Hansen against the Borg at Wolf 359, the need for a new class of “super battleships”, while unpalatable to Starfleet’s exploratory nature, were nonetheless deemed necessary to insure the Federation’s security. The U.S.S. Courageous was the first of what may become a new class of Shuttlecarriers. Designed to fight the Borg, she is probably the most powerful vessel in existence.

**Classification:** The Courageous Class was designated from the outset as a shuttlecarrier.

**Design:** The Courageous uses the primary hull and propulsion system of the Galaxy class exploratory cruiser. The secondary hull is based on the Galaxy class, though the rear end has been modeled after the old Avenger / Endurance classes with massive hangar facilities and a large rollbar. The Courageous class is similar in internal layout to the Olympus class dreadnought, with additional space set aside for the large flight crew and hangar support personnel.

**Engineering:** Initial plans were to use the Shuvinaaljis Warp Technologies LF-42 warp engines with the Courageous, as they were designed for vessels massing up to six million metric tons. However, computer modeling showed that the LF-43 series in a tandem configuration would be able to provide the performance envelope necessary for the Courageous class. Even so, the design limits top cruising speed to Warp 8 and maximum speed to slightly over Warp 9.

**Tactical:** As fitting a replacement for the original shuttlecarrier, the Courageous class is bristling with weapons. As designed, it is equal to the Griffon class in firepower and far beyond the Galaxy...
class. She mounts fourteen Type X phaser arrays, four Type X+ multi-directional phaser cannon (MDPC), four Mk 80 photon torpedo and four plasma torpedo launchers, the latter based on the Klingon weapon system. Fire-control is provided by the CETIS Mk III system with Type 225 TACAR II. The Aegis system was fitted as the Courageous class are designed to act as central ship of a Task Force. In addition, an extensive traffic-control suite has been added to control the large volume of embarked craft. The Courageous is fitted with the FSQ/2 deflector shield system fitted on the Olympus class.

The Courageous' hangar facilities are the largest ever seen since the Ariel / Fredrickstad classes, dwarfing even the massive ones on the Griffin. Based on the Avenger / Endurance class arrangement, they are designed to launch and retrieve fighters simultaneously via two large bays. There is extensive holding and flight-prep areas which allow the Courageous to maintain full combat operations for periods of up to eight hours. Fully loaded, the Courageous can carry almost 300 craft. Standard compliment includes seven squadrons of Peregrine class fighters, thirty 50-man combat drop shuttles for planetary assault, four Danube class runabouts, and another fifty shuttlecraft of various types.

**Computer Systems:** The M-15 Isolinear III with LCARS (Library Computer Access and Retrieval System) interface standard on the Galaxy / Nebula classes is used on the Courageous, along with the Coridan RAV/ISHAK Warp Celestial Guidance system found on the Galaxy / Nebula is also standard. The Coridan RAV/ISHAK Warp Celestial Guidance system found on the Galaxy / Nebula is also standard.

**Builders:** Shinohara Heavy Industries teamed with Daimler-Chrysler aerospace for constructing this behemoth. Shinohara provided the basic Galaxy parts, while D-C took care of the rollbar and hanger modifications.

**Development and Construction History:** The initial plans were for three vessels, however the staggering cost of Courageous precluded immediate funding of her two sisters. As the lead vessel neared completion, the escalating conflict with the Dominion necessitated construction funds be allocated to other vessels. Once Courageous entered service, she was assigned to defend Sector 001 where her size and compliment allowed literally a dozen other ships to be reassigned to front-line operations. She did take place in the final assault against Cardassia, providing five wings of fighters and a half of a division of troops.
Current Specifications for the Courageous class:

Displacement  5,790,000 mt
Overall Length  642.51 m
Overall Draft  234.4 m
Overall Beam  463.73 m
Propulsion:  Two LF-43 Mod 1 energized-energized antimatter warp drive units
(System Contractor: Leeding Energies, Sydney, Earth)
Two FIG-5 subatomic unified energy impulse units
(System Contractor: Korials Drives, Tellar)
QASR-2 particle beam maneuvering thrusters
(System Contractor: Scarbak Propulsion Systems, Earth)
"Trentis IV" pulsed laser reaction control system
(System Contractor: Orage (ek, Aksajak, Andor)
Warp 8.0 Maximum Cruising Speed
Warp 9.2 Maximum Attainable Velocity

Velocity:

Duration:  5 years, standard
Complement:  225 Officers
1600 Enlisted Crew
1500 Marines
175 Flight Crew
0 Passengers (Normal – Up to 5000 Maximum)
3500 Total Crew (Standard)

Embeded Craft:  4 Danube Class Runabout
10 Type 6 Personnel Shuttle
10 Type 7 Personnel Shuttle
10 Type 9A Cargo Shuttle
30 Type 10 Combat Drop Shuttle
10 Type 16 Shuttlepod
48 Peregrine Class Fighter
4 S-3 Sentry SWAC Shuttle

Navigation:
RAV / ISHAK Mod 3 Warp Celestial Guidance
(System Contractor: Tlixis Ramab RRB, Coridan III)
Computers:  M-15 Isolinear III with LCARS interface software
(System Contractor: Daystrom Computer Systems, Luna)
Phasers:  14 Type X Collimated Phaser Array
(System Contractor: Hileam Energies, Earth)
Phasers:  4 Type X+ Megaphaser Cannon
(System Contractor: Hileam Energies, Earth)
Missiles:  4 Mk 85 Photon Torpedo Launchers
(System Contractor: Loraxal, Andor)
Missiles:  4 Mk 20 Plasma Torpedo Launchers
(System Contractor: K'oriv, Q'o'nos)

Life Support:
MM6 Modular Gravity Unit
(System Contractor: Morris Magnatronics, Palyria, Mars)
AL4 Life Support System
(System Contractor: A'Alakon Landiss, Divaltox, Andor)
SPACE CONTROL SHIPS
# Griffon

## Class Space Control Ship

### 3 Space Control Ship: "Griffon" Class

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-72300</td>
<td>Griffon</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>July 2366</td>
<td>August 2369</td>
<td>January 2370</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-72305</td>
<td>Pendragon</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>July 2366</td>
<td>September 2369</td>
<td>February 2370</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-73102</td>
<td>Royal Sovereign</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>April 2369</td>
<td>May 2372</td>
<td>October 2372</td>
<td>Active</td>
</tr>
</tbody>
</table>

**Class:** Since the commissioning of the first Space Control Ship - the U.S.S. *Ingram* *NCC-2001* - in 2285, the SCS has been the hot topic amongst Star Fleet’s and the Federation’s leadership. The Excelsior and Ingram Classes continue to serve in Star Fleet well beyond the design’s projected service lifetime, with some of these hulls are now in their ninth decade of service. Until recently, the Military Staff Committee had steadfastly refused to consider the construction of a new generation of Space Control Ships, instead favoring a design which would eventually become the Entente Class dreadnought for Star Fleet’s next “battlewagon”. Nonetheless, there were still many of Star Fleet’s “hawk” admirals who felt that there was a role for an SCS in the Fleet.

**Classification:** The Griffon Class was originally classified as a Space Control Ship, but there has been talk of reclassifying it as an Exploratory Battleship in an effort to make the design more palatable to the MSC for consideration of additional vessels.

**Design:** Unlike previous SCS designs, the Griffon Class is designed to be a multi-mission platform, able to perform military, exploration, and transport / colonization roles. As a military platform, the ship carries the latest in Federation weapons technology and would be the most powerful vessel in Fleet service. As an Explorer, the ship is designed with a laboratory and sensor suite equal to that of the Galaxy Class large exploratory cruiser. And her large internal spaces, though not as big as the Galaxy Class, are more flexible and allow her to carry up to five thousand colonists and their supplies.

In an effort to keep design and construction costs down, it was decided to use the Ingram Class space control design as the basis for the Griffon. The dimensions were scaled up 20% to provide the increase in internal volume to more adequately meet the stated mission requirements. Internal layout is essentially the same as the Ingram, with additional room dedicated to exploration / scientific operations, staterooms and offices similar to those on the Galaxy Class.
**Engineering:** The SCS-X is equipped with the Shuvinaaljis LF-42 warp engines. The most powerful of the LF-4X series drives, they are 30% more powerful than the LF-41 system carried on the Galaxy and Olympus Classes and were designed for vessels massing up to six million metric tons. As the Griffon Class weighs about half that, cruising speed is Warp 8 with a design-limited top speed of Warp 9.5, which can be maintained for 24 hours before serious systems damage ensues.

**Tactical:** The Griffon mounts nine Type X collimator phaser arrays along with three forward firing and one aft-firing Mk 90 photon torpedo launchers. Four Type X+ megaphaser canons are also mounted on the secondary hull. As it is designed to be the centerpiece of a Task Force, the Griffon carries a Combat Information Suite (C.I.C.) to control the myriad of sensors and weapons systems. The C.I.C. is connected to the central computer cores, the main bridge, the auxiliary bridge, the CETIS / TACAR weapons systems, the SWACS (Spaceborne Warning and Control Shuttles), and the Aegis Fleet Fire-Control System. When in combat, the Commanding Officer and Tactical Officer reside in C.I.C. while the Executive Officer controls the ship from the main bridge. Hangar deck and cargo facilities have been enlarged in proportion to the ship itself. Standard embarked craft include four Danube Class runabouts and two squadrons of Peregrine fighters. Shuttlecraft are standard as per Excelsior and Ingram Class vessels. A total of 100 small craft can be carried. Special modules can be bolted in to allow the barracking of up to 5000 Marines for planetary operations. The FSS shield system was designed specifically for the Griffon Class. An experimental Alkaran design, the FSS uses three separate shield layers. As the outer layer is breached, the inner layers take up the slack while the breached layer is regenerated underneath. In total, shield power is double that of the FSQ shield system used in the Galaxy Class. An FCE-2 cloaking device has been integrated into the FSS shield system, though when engaged shield power is reduced by 60% and weapons cannot be fired through it without disrupting the field. Due to the complexity, the FSS cannot be retrofitted to existing spaceframes. The electronics suite includes the CETIS Mk III with Type 225 TACAR II (Target Acquisition
Accelerated Response fire-control system. The inclusion of the Aegis Fleet Fire-Control system allows the *Griffon* to command other Federation vessels at the Task Force level, providing a cohesive offensive and defensive response in combat situations. A Link 35 communications core is utilized in this system for secure communications. The ship also offers the 42/ADA Countermeasures Support System.

**Computer Systems:** The M-1S Isolinear III with LCARS (Library Computer Access and Retrieval System) interface standard on the Galaxy / Nebula Classes is used on the *Griffon*. Space has been provided to upgrade to the M-16 system when it becomes available. The Coridan RAV/ISHAK Warp Celestial Guidance system found on the Galaxy / Nebula is also standard.

**Builders:** Boeing-Mitsubishi Heavy Industries, prime contractors on the original *Ingram* class, were chosen to handle the *Griffon* class. This proved to be a wise choice, as it resulted in a relatively trouble-free building period. The first two vessels were built at Utopia Planitia, with the third being built at San Francisco.

**Development and Construction History:** The *Griffon* design was submitted to the ASDB in February of 2366. It was then sent to the Military Staff Committee in May of that year and, surprisingly, approved. The Federation Council authorized funds for construction, and the two hulls were laid down in July 2366 at the Utopia Planitia Fleet Yards on Sol IV. A second hull was approved one month later and the construction of both vessels was essentially without major incident. This was attributed to the use of the *Ingram* Class design, all the “bugs” of which had long been worked out over the decades. As construction was little more than building a bigger version of an *Ingram*, completion of the spaceframes was quick. The first hull, U.S.S. *Griffon*, was completed in August of 2369 with the second vessel, U.S.S. *Pendragon*, completed in September. A third vessel, *Royal Sovereign*, was added in 2369 and entered service in October of 2372.

**Nomenclature:** The *Griffon* was assigned the NCC number of 72300. The *Pendragon* was assigned NCC 72305. *Royal Sovereign* received 73102. The *Griffon* was sent on an extended exploration mission along with Triangle area while the *Pendragon* assumed command of Task Force 8 and currently monitors the Romulan Neutral Zone area. *Royal Sovereign* patrols with the Twelfth Fleet. All three performed admirably during the Dominion War. *Royal Sovereign* was awarded the Federation Presidential Unit Citation for their work in the Invasion of Chin'Toka.
Current Specifications for the Griffon class:

- **Displacement**: 3,680,000 mt
- **Overall Length**: 708 m
- **Overall Draft**: 106 m
- **Overall Beam**: 285 m
- **Propulsion**: Two LF-42 Mod 1 energized-energized antimatter warp drive units (System Contractor: Shuvinaajis Warp Technologies, Vulcan)
  
  Two FIG-5 subatomic unified energy impulse units (System Contractor: Kioralis Drives, Tellar)
  
  QASR-2 particle beam maneuvering thrusters (System Contractor: Scarbak Propulsion Systems, Earth)
  
  "Trellis IV" pulsed laser reaction control system (System Contractor: Orage jejk, Aksajak, Andor)

- **Warp 8**: Standard Cruising Speed
- **Warp 9.3**: Maximum Cruising Speed
- **Warp 9.5**: Maximum Attainable Velocity
- **Duration**: 5 years, standard
- **Complement**: 141 Officers
  
  524 Enlisted Crew
  
  1000 Passengers (Normal – Up to 5000 maximum)
  
  0 Marines (Normal – Up to 5000 maximum for short duration)
  
  1665 Total Crew (Standard)

- **Embarked Craft**: 4 Danube Class Runabout
  
  4 Type 6 Personnel Shuttle
  
  4 Type 7 Personnel Shuttle
  
  4 Type 9A Cargo Shuttle
  
  20 Type 10 Combat Drop Shuttles
  
  8 Type 16 Shuttlepod
  
  48 Peregrine Class fighter
  
  4 Avenger Class Runabout
  
  4 S-3 Sentry SWAC Shuttle

- **Navigation**: RAV / ISHAK Mod 3 Warp Celestial Guidance (System Contractor: Tlixis Ramab RRB, Coridan III)
- **Computers**: M-15 Isolinear III with LCARS interface software (System Contractor: Daystrom Computer Systems, Luna)
- **Phasers**: 9 Type X Collimated Phaser Array (System Contractor: Hibeem Energies, Earth)

- **Missiles**: 4 Mk 90 Photon Torpedo Launchers (System Contractor: Loraxol, Andor)

- **Defense**: FSS Primary Force Field (System Contractor: Sylvanesi Shields, Alkara XV)
  
  FCE-2 Integrated Cloaking Device (System Contractor: Sylvanesi Shields, Alkara XV)

- **Life Support**: MM6 Modular Gravity Unit (System Contractor: Morris Magnatronics, Palyria, Mars)
  
  AL4 Life Support System (System Contractor: A’Alakon Landiss, Divaltax, Andor)
COMMAND SHIPS
The last command cruiser introduced by Star Fleet Command was the Joshua class in the early 2290’s. Command Cruisers have always been a rarity within the Star Fleet structure as Star Fleet rarely operates beyond the Task Force level, and when they did, they usually had a dreadnought or other large capital ship present to provide overall command and control.

By the early 2320’s and the arrival of the Ambassador class, Star Fleet has retired all of their dreadnoughts and the four Balson class command cruisers. The thirteen vessels of the Joshua class continued on, as they were based on the highly successful Excelsior series, though they too were slowly pulled out of service after the Tolmed Incident. In 2355, the remaining three active Joshua’s were updated with the new LF-41 drive system from the Nebula/Galaxy class projects. However, by the Cardassian Armistice in the mid-2360’s all but U.S.S. Joshua were retired from service. When war broke out with the Dominion, the Joshua was deployed as the command ship for the 3rd Fleet. However, the remaining two Joshua class starships were in no condition to be returned to combat duty, though they were immediately returned to the yards for outfitting and updating.

Class: With only one true Command Ship in service, Star Fleet Operations immediately began to search for alternatives. As they had in the Fleet of the late 22nd Century, the dreadnoughts with their Combat Information Centers and AEGIS Fleet Fire-Control systems were deployed as Fleet Flagships. Also, the two Griffon class starships and the Galaxy (II) class U.S.S. Bright Star, all of which were equipped with the same systems, were pressed into Fleet Command duties. Of all the ships, only the Bright Star was equipped with a dedicated Flag Plot. Essentially a highly specialized holodeck, Flag Plot allows an Admiral and his Tactical Team to “immerse” themselves in a battle. The entire Fleet can be arrayed “around” them and they can reach out and “touch” a ship to query it or open a communications link. It was a quantum leap in Fleet Command and Chief of Fleet Operations Admiral Chris Wallace used it during “Operation Return” to successfully defeat a numerically larger Dominion force.

Due to Flag Plot requiring an M-16 computer system to operate, the Griffon, Entente, and Olympus classes were not able to carry it, since they used the M-15 series. Of the Galaxy (II) class ships, only Bright Star had been chosen to carry the AEGIS/Flag Plot system. However, the Sovereign class did mount the M-16 computer, plus the advanced tactical suite used on the
Bright Star. Though the cost would be enormous, it was decided to modify three Sovereign class vessels in the yard with AEGIS, a Combat Information Center, and the Flag Plot. Adding all the new systems to the first vessel, the U.S.S. Whitehall, was much harder than originally expected, and the cost was obscene. There were calls to cancel the other two and fit them out conventionally, but after the success of Bright Star during both “Operation Return” and the first Battle of Chin’Toka, the naysayers were silenced and work continued at top pace.

**Classification:** The Whitehall Class is classified as a Command Ship.

**Design:** The Whitehall class is indistinguishable from her Sovereign class donors. Most of the systems are internal in nature, and the additional sensor systems needed for AEGIS have been slotted into the standard sensor-grid.

**Engineering:** Initial plans were to use the Shuvinaaljis Warp Technologies LF-42 warp engines with the Courageous, as they were designed for vessels massing up to six million metric tons. However, computer modeling showed that the LF-43 series in a tandem configuration would be able to provide the performance envelope necessary for the Courageous class. Even so, the design limits top cruising speed to Warp 8 and maximum speed to slightly over Warp 9.

**Tactical:** The standard tactical suite on the Sovereign class is equal to the best on any Federation starship. Therefore, no changes were made to weapons or shields. However, extensive changes were made to the ship’s C’I’ (Command, Control, Communications, and Intelligence) suite. A Combat Information Center has been fitted, along with the Aegis Fleet Fire-Control system. This allows the command ships of at the Task Force level via a Link 35 Communications Core. CETIS MK III with Type 225 TACAR II [Target Acquisition Center Accelerated Response] remain standard equipment, though the 42/ADA Countermeasures Support System has been added. The Flag Plot holoprojection system was added as well. All this additional equipment required extensive re-work of Deck 6, as all the systems need to tie directly into the computer core itself. When in combat, the Commanding Officer and Tactical Officer reside in C.I.C. while the Executive Officer controls the ship from the main bridge. The Admiral and his battle staff can run the battle from C.I.C. (which incorporates a massive three-dimensional high-resolution display), Flag Plot or both.

**Computer Systems:** The Sovereign class uses the M-16 Bio-Neural Gel Pack-Isolinear III computer system with the Coridan RAV/ISHAK Warp Celestial Guidance system. Additional processor and storage sub-systems have been added to support Aegis and the Flag Plot / C.I.C.

**Builders:** Like her Sovereign class sisters, the three Whitehall class vessels were built in the San Francisco Fleet yards. As with the Sovereign, Boeing-Mitsubishi was named primary contractor of the project with assistance from Cosmadyne and the Avondale Group. Shinohara Heavy Industries provided support on placement of the Aegis sensor suites and related support equipment.

**Development and Construction History:** The three Sovereign class hulls after Reuben James were pulled for use. U.S.S. Whitehall (CO 74621) entered service three months after Chin’Toka, and was put in the system to command the defense. U.S.S. Empyrean (CO 74684) entered service four months after that, and was detailed to the 10th Fleet preventing a Dominion breakout from Betazed. U.S.S. Versailles (CO 75217), the least farthest along at time of conversion, did not enter service until March of 2376, almost as the war ended. Though the three ships all saw service, and all did extremely well, the sheer cost and complexity ended any hopes of having a ship lead each Fleet and it was decided not to perform any additional conversions or new builds. Instead, the far less expensive Ticonderoga class is being developed as a follow-on vessel. Though not as powerful as the Whitehall, they would still carry most of the systems (minus Flag Plot and a less-powerful AEGIS suite) and come in at a vastly lower price than the Whitehalls.
Current Specifications for the Whitehall class:

**Displacement**: 3,305,000 mt

**Overall Length**: 685 m

**Overall Beam**: 250 m

**Overall Draft**: 88 m

**Propulsion**:  Two LF-44 Mod 1 energized-energized antimatter warp drive units  
(System Contractor: Cochrane Warp Dynamics, Minos al Rijli, Alpha Centauri VII)  
Two FIG-5 subatomic unified energy impulse units  
(System Contractor: Kloratis Drives, Tellar)  
QASR-2 particle beam maneuvering thrusters  
(System Contractor: Scarbak Propulsion Systems, Earth)  
“Trentis IV” pulsed laser reaction control system  
(System Contractor: Orage (ek, Aksajak, Andor)

**Velocity**:  
Warp 6.0  Standard Cruising Speed
Warp 9.7  Maximum Cruising Speed
Warp 9.9+  Maximum Attainable Velocity

**Duration**: 5 years, standard

**Complement**:  
130 Officers
725 Enlisted Crew
855 Total Crew (Standard)

**Embarked Craft**: 0 Danube Class Runabout
3 Type 6 Personnel Shuttle
3 Type 7 Personnel Shuttle
3 Type 9A Cargo Shuttle
6 Type 16 Shuttlepod

**Navigation**:  
RAV / ISHAK Mod 3 Warp Celestial Guidance  
(System Contractor: Tikis Ramab RRB, Coridan II)

**Computers**:  
M-16 Bio-Neural Gel Pack-Isolinear III with LCARS interface software  
(System Contractor: Daystrom Computer Systems, Luna)

**Phasers**:  
9 Type XII Collimated Phaser Array  
(System Contractor: Hillbeam Energies, Earth)

**Missiles**:  
3 Mk 95 Photon Torpedo Launchers  
(System Contractor: Loraxal, Andor)

**Defense**:  
FSS Primary Force Field  
(System Contractor: Sylvansli Shields, Alkara XV)

**Life Support**:  
MM6 Modular Gravity Unit  
(System Contractor: Morris Magnatronics, Palyria, Mars)

**AL4 Life Support System**:  
(System Contractor: A’Alakon Landiss, Divalox, Andor)
THE COMMAND SHIP U.S.S. WHITEHALL (CD 75100) SETS COURSE TO TAKE COMMAND OF THE FLEET AT CHINTOКА
FRIGATES
**Class**: The New Orleans class frigate was created as part of the “New Fleet” initiative started in the mid-2330s. She was designed to be a less capable, but less expensive, companion vessel to the Challenger class light cruiser. The vessel was not expected to operate along the frontier, so a fateful decision not to fit the ship with photon torpedo launchers, freeing the space up for a more effective exploration suite.

**Classification**: Smaller than the Challenger class light cruiser, and more capable than the Steamrunner class destroyer, Star Fleet decided to classify the vessel as a frigate.

**Design**: Many of Star Fleet’s vessels leverage the design philosophies of the New Orleans class, especially the Galaxy class. Her primary and secondary hulls, as well as warp nacelles, became the “standard” that future vessels, such as the Nebula and Galaxy were designed from.

A controversial decision was made to not mount any photon torpedo launchers on this vessel, instead relying on seven Type IX phasers for offensive punch. This was decided due to the fact that too much internal space would have to be dedicated to torpedo launching mechanisms and storage, impacting on the scientific suite. As things were “quiet” at the time, and such vessels were not designed to operate on the extreme frontier, the tradeoff was considered acceptable.

**Engineering**: The New Orleans class mounts the Leeding Energies LF-30 warp drive, a direct descendent of the Ambassador’s LF-10 and advancement of the LF-15. The Kloratis FIG-3 impulse drive system was also fitted. Top speed is structurally limited by the torpedo launchers to Warp 9.1, though the vessel is able to maintain a top cruising speed of Warp 9 and a standard speed of Warp 6.

**Tactical**: When the Federation went to war with the Cardassian Union in 2356, the lack of a photon torpedo launcher became a significant liability to the New Orleans class, which suddenly found themselves unable to defend themselves against Cardassian ships equipped with such weapons. All New Orleans vessels were immediately withdrawn from areas of conflict and redistributed in safer areas of the Federation. However, it was immediately obvious that this situation could not be tolerated. The ship’s phaser and shielding were equal to the Ambassador class, which was deeply involved in Fleet operations against the Cardassians. The ASDB convened a special design team to figure out how to add photon torpedo launchers to the New Orleans class as fast as possible.

In two months of round-the-clock meetings, the team figured out a way to mount three of the new Mk 80 photon torpedo launchers in special “bolt-on” tubes to the ship. Two were placed on top of the saucer, and a third placed underneath the secondary hull. The new photon torpedo launchers greatly improved the combat effectiveness of the New Orleans class while sacrificing none of her scientific and exploratory capabilities. The initial ships modified suffered some minor reductions in top speed and maneuverability due to stresses imposed on the mounting brackets and the effect of the pods on the ship’s warp dynamics. Launchers were immediately built and all of the ships were sent to the yards for modification. This process took about a month and the ships were then deployed to the front lines with groups of Steamrunner class ships.

All New Orleans class ships carry the FSP shield system.

**Computer Systems**: The New Orleans carries the M-14 Isolinear II computer system. A significant
improvement on the M-12 Duotronic unit, it packs more processing power and storage capacity in the same space. The new system uses isolinear optical chips composed of linear memory crystal material. This new technology is expected to replace duotronic-based computers in all new starship and computer systems.

**Builders:** Cosmadyne Corporation was chosen as the primary contractor for the New Orleans class, with the initial batch of ships being built at the San Francisco Fleet Yards. Four additional batches of ships were ordered with construction spread out across a number of separate Fleet and civilian yards.

**Development and Construction History:** The design for New Orleans was approved in 2335. The lead vessel's keel was laid in 2340 and construction took a little under four years. Shakedown and acceptance trials added another year and the lead ship entered service in 2345 followed over the next few months by her sisters. Additional batches were ordered between 2343 and 2346.
<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-57290</td>
<td>New Orleans</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>July 2340</td>
<td>November 2344</td>
<td>May 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57291</td>
<td>Arleigh Burke</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>July 2340</td>
<td>November 2344</td>
<td>May 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57295</td>
<td>Rutledge</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>July 2340</td>
<td>November 2344</td>
<td>May 2345</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-57348</td>
<td>Warwick</td>
<td>Earth Station McKinley, Earth</td>
<td>July 2340</td>
<td>November 2344</td>
<td>May 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57374</td>
<td>Toulouse</td>
<td>Earth Station McKinley, Earth</td>
<td>August 2340</td>
<td>December 2344</td>
<td>June 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57412</td>
<td>Gilcrest</td>
<td>M’Yengh Yards, Shzerensohr, Calt</td>
<td>August 2340</td>
<td>December 2344</td>
<td>June 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57597</td>
<td>Mahan</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>September 2340</td>
<td>January 2345</td>
<td>July 2345</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-58014</td>
<td>Jarvik</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>January 2341</td>
<td>May 2345</td>
<td>December 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57897</td>
<td>Kirkland</td>
<td>Avondale Group, Ferrata Docks, Rigellium, Rigel II</td>
<td>February 2341</td>
<td>June 2345</td>
<td>December 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58299</td>
<td>Barnard</td>
<td>Chandlely Works, Caravalia, Mars</td>
<td>April 2341</td>
<td>August 2344</td>
<td>March 2346</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58400</td>
<td>Bianca</td>
<td>Seskon Trella, Chagala, Tellar</td>
<td>January 2343</td>
<td>April 2347</td>
<td>November 2347</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65121</td>
<td>Chavez</td>
<td>Seskon Trella, Chagala, Tellar</td>
<td>February 2343</td>
<td>May 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65142</td>
<td>Renegade</td>
<td>Seskon Trella, Chagala, Tellar</td>
<td>February 2343</td>
<td>May 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65422</td>
<td>Gates</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>March 2343</td>
<td>April 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65295</td>
<td>Torvalds</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>March 2343</td>
<td>April 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65296</td>
<td>Norton</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>March 2343</td>
<td>April 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65425</td>
<td>Winfield</td>
<td>Spacedock, San Francisco, Earth</td>
<td>April 2343</td>
<td>May 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65738</td>
<td>Ehrlich</td>
<td>Puget Sound Fleet Yards, Earth</td>
<td>May 2343</td>
<td>June 2347</td>
<td>February 2348</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65908</td>
<td>Philippa</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>June 2343</td>
<td>July 2347</td>
<td>March 2348</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-66215</td>
<td>Windsor</td>
<td>Newport News Fleet Yards, Earth</td>
<td>July 2343</td>
<td>August 2347</td>
<td>April 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65490</td>
<td>Nevers</td>
<td>Spacedock, San Francisco, Earth</td>
<td>September 2344</td>
<td>December 2348</td>
<td>June 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65491</td>
<td>Kyushu</td>
<td>Spacedock, San Francisco, Earth</td>
<td>September 2344</td>
<td>December 2348</td>
<td>June 2349</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65530</td>
<td>Thomas Paine</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>October 2344</td>
<td>January 2349</td>
<td>July 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65718</td>
<td>Magny-Cours</td>
<td>Shar Ta’kel, Central Docks, 40 Eridani</td>
<td>November 2344</td>
<td>February 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65993</td>
<td>Okinaawa</td>
<td>Saint Petersburg Fleet Yards, Earth</td>
<td>January 2345</td>
<td>April 2349</td>
<td>October 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66977</td>
<td>Musai</td>
<td>New Aberdeen Fleet Yards, Aldebaran</td>
<td>February 2345</td>
<td>May 2349</td>
<td>November 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66213</td>
<td>Agincourt</td>
<td>Hakon Yards, Galena</td>
<td>April 2345</td>
<td>August 2349</td>
<td>February 2350</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66443</td>
<td>Dauntless</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>July 2345</td>
<td>October 2349</td>
<td>April 2350</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-66497</td>
<td>Britannia</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>August 2345</td>
<td>November 2349</td>
<td>April 2350</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-66672</td>
<td>Minotaur</td>
<td>Axanavin Cesleco Starcraft, Alpha Centauri V</td>
<td>September 2345</td>
<td>December 2349</td>
<td>May 2350</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66891</td>
<td>Midgard</td>
<td>San Francisco Fleet Yards, Earth</td>
<td>December 2345</td>
<td>February 2350</td>
<td>September 2350</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67281</td>
<td>Salamis</td>
<td>Spacedock, San Francisco, Earth</td>
<td>February 2346</td>
<td>June 2350</td>
<td>January 2351</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67572</td>
<td>Nice</td>
<td>Hakon Yards, Galena</td>
<td>March 2346</td>
<td>October 2350</td>
<td>February 2351</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67728</td>
<td>Le Castallet</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>May 2346</td>
<td>October 2350</td>
<td>May 2351</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67898</td>
<td>Riviera</td>
<td>Seskon Trella, Chagala, Tellar</td>
<td>July 2346</td>
<td>December 2350</td>
<td>August 2351</td>
<td>Active</td>
</tr>
</tbody>
</table>
Current Specifications for the New Orleans class:

Displacement: 1,200,000 mt
Overall Length: 360 m
Overall Draft: 53 m
Overall Beam: 258 m

Propulsion:
- Two LF-30 Mod 1 energized-energized antimatter warp drive units (System Contractor: Leeding Energies, Earth)
- Two FIG-3 subatomic unified energy impulse units (System Contractor: Kloratis Drives, Tellar)
- QASR-2 particle beam maneuevering thrusters (System Contractor: Scarbak Propulsion Systems, Earth)
- “Trentis IV” pulsed laser reaction control system (System Contractor: Orage [ek. Aksajak, Andor])

Velocity:
- Warp 6: Standard Cruising Speed
- Warp 9.0: Maximum Cruising Speed
- Warp 9.1: Maximum Attainable Velocity

Duration: 5 years, standard
Complement:
- 83 Officers
- 377 Enlisted Crew
- 127 Passengers (Normal – Up to 500 maximum)
- 460 Total Crew (Standard)

Embarked Craft:
- 0 Danube Class Runabout
- 4 Type 6 Personnel Shuttle
- 4 Type 7 Personnel Shuttle
- 4 Type 9A Cargo Shuttle
- 8 Type 16 Shuttlepod
- 0 Peregrine Class Fighter
- 0 S-3 Sentry SWAC Shuttle

Navigation:
- RAV / ISHAK Mod 3 Warp Celestial Guidance (System Contractor: Tikis Ramad RRB, Coridan II)

Computers:
- M-13 Isolinear I (System Contractor: Daystrom Computer Systems, Luna)

Phasers:
- 5 Type Ix Collimated Phaser Array (System Contractor: Hileam Energies, Earth)

Missiles:
- 3 Mk 80 Photon Torpedo Launchers (System Contractor: Loraxial, Andor)

Defense:
- FSP Primary Force Field (System Contractor: Charlottes Shields, Earth)

Life Support:
- NAG2 Modular Gravity Unit (System Contractor: New Amsterdam Gravitics, New Amsterdam, Alpha III)
- AL2 Life Support System (System Contractor: A’Alakon Landiss, Divallax, Andor)
THE U.S.S. MAGNY-COURS (FR 65718) AND A BORG CUBE DURING THE SECOND BATTLE FOR EARTH. THE MAGNY-COURS SURVIVED THE ENGAGEMENT
THE NEW ORLEANS CLASS FRIGATE U.S.S. ARLEIGH BURKE (FR 57291) EXPLORING A NEW NEBULA
**NORWAY CLASS FRIGATE**

**Class:** With the Akira class underway, the Star Fleet Spacecraft Design Advisory Commission began to concentrate on a new vessel to handle the scientific and diplomatic missions currently undertaken by the Excelsior class, a design that had been in service for over a half-century. While still a mainstay in the Fleet, these vessels were showing their age and maintenance costs were continuing to rise on the older spaceframes. The Galaxy Class Starship Development Project was underway by this time, but build quantities of these vessels was never expected to be very large, and so emphasis for the new design was placed on ease of construction and suitability to scientific and diplomatic missions at the expense of combat effectiveness and sheer speed.

**Classification:** The Norway class is classified as a frigate due to its smaller size and lighter weapons load.

**Design:** The Norway class has one of the thinnest profiles of any ship in the fleet, with a draft of less than 53 meters. The front of the ship is triangular in shape, with two slender booms that extend to the back. The booms then fan out towards the bottom to provide the attachment point for the nacelles. The entire design maintains a highly efficient warp profile, allowing the ship to attain and maintain excellent speeds, though she is slightly slower than most of her peers. Frigates are not known for the luxury of their fittings, and that theme continues with the Norway. Though more comfortable than those on the Akira or Steamrunner, they will not be confused with the more spacious quarters of the Galaxy and Nebula class. However, the Norway does carry a number of suites for use by diplomatic personnel, and has excellent conference facilities. The class is quite popular with her crews. As stated in the design objectives above, the Norway mounts an impressive scientific and survey suite for her size.

**Engineering:** The Norway class mounts the LF-40 warp nacelle used by most starships in the under one million metric ton range. The running of the plasma conduits from the warp core to the nacelles severely reduced the room available in the booms, but this was considered a worthy trade-off to maximize space inside the primary hull. Performance is very good, with a top speed of Warp 9.7 and a maximum sustained cruising speed of Warp 9.

**Tactical:** As opposed to the torpedo-heavy load carried by the Akira, the Norway mounts only two Mk 80 torpedo launchers. It does, however, have a highly flexible phaser system composed of six separate Type X phaser strips placed across the topside of the hull. This layout was necessitated by the design of the hull. However, standard phaser emitters could not be fitted due to space consideration, so the emitters were laid end-to-end instead of side-to-side. Though still capable of the full 5.1MW per emitter, firing-times are about two-thirds of that of a normal Type X emitter due to heat-dissipation issues. In general, it is expected that the ship will either use the weapons at full power for short duration, or run at lower power for longer duration. The ship carries the FSQ shield system and the CETIS Mk III with Type 225 TACAR fire-control suite, both mainstays of the current Star Fleet.

**Computer Systems:** Original plans were to mount the M-13 Isolinear I computer, but instead the M-14 Isolinear II model was fitted, the extra power being deemed necessary for her exploration roles.

**Builders:** Construction of most of the initial batch of Norway class starships was given to Pedersen Spaceport. A second batch was assigned to Hakon Yards in Galena and Cosmadyne Yards, Boston. The final batch was split amongst Chiokis, Hakon, the Avondale Group, New Aberdeen
<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-64920</td>
<td>Norway</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>February 2344</td>
<td>May 2347</td>
<td>November 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64921</td>
<td>Oslo</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>February 2344</td>
<td>May 2347</td>
<td>November 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64931</td>
<td>Hungary</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>February 2344</td>
<td>May 2347</td>
<td>November 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64944</td>
<td>Budapest</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64959</td>
<td>Denmark</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64961</td>
<td>Copenhagen</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64972</td>
<td>Finland</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64987</td>
<td>Helsinki</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64988</td>
<td>Sweden</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>June 2347</td>
<td>December 2347</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-64989</td>
<td>Stockholm</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>March 2344</td>
<td>July 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65024</td>
<td>Bucharest</td>
<td>Avondale Group, Ferrata Docks, Rigel II</td>
<td>April 2344</td>
<td>July 2347</td>
<td>January 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65217</td>
<td>Bulgaria</td>
<td>Hakon Yards, Galena</td>
<td>June 2344</td>
<td>September 2347</td>
<td>March 2348</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65218</td>
<td>Sofia</td>
<td>Hakon Yards, Galena</td>
<td>June 2344</td>
<td>September 2347</td>
<td>March 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65289</td>
<td>Albania</td>
<td>Hakon Yards, Galena</td>
<td>June 2344</td>
<td>September 2347</td>
<td>March 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65290</td>
<td>Tirane</td>
<td>Hakon Yards, Galena</td>
<td>July 2344</td>
<td>October 2347</td>
<td>April 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65348</td>
<td>Yugoslavia</td>
<td>Cosmadynes Yards, Boston</td>
<td>July 2344</td>
<td>October 2347</td>
<td>April 2348</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65349</td>
<td>Belgrade</td>
<td>Cosmadynes Yards, Boston</td>
<td>July 2344</td>
<td>October 2347</td>
<td>April 2348</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-65311</td>
<td>Moldova</td>
<td>Chios Starship Construction, Thelavar, Andor</td>
<td>November 2344</td>
<td>February 2348</td>
<td>August 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65612</td>
<td>Kisheniev</td>
<td>Chios Starship Construction, Thelavar, Andor</td>
<td>November 2344</td>
<td>February 2348</td>
<td>August 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65853</td>
<td>Slovakia</td>
<td>Avondale Group, Ferrata Docks, Rigel II</td>
<td>December 2344</td>
<td>March 2348</td>
<td>September 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-65854</td>
<td>Bratislava</td>
<td>Avondale Group, Ferrata Docks, Rigel II</td>
<td>December 2344</td>
<td>March 2348</td>
<td>September 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66087</td>
<td>Czech Republic</td>
<td>New Aberdeen Fleet Yards, Aldeberan</td>
<td>February 2345</td>
<td>June 2348</td>
<td>December 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66088</td>
<td>Prague</td>
<td>New Aberdeen Fleet Yards, Aldeberan</td>
<td>February 2345</td>
<td>June 2348</td>
<td>December 2348</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66210</td>
<td>Poland</td>
<td>Hakon Yards, Galena</td>
<td>April 2345</td>
<td>August 2348</td>
<td>January 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66211</td>
<td>Warsaw</td>
<td>Hakon Yards, Galena</td>
<td>April 2345</td>
<td>August 2348</td>
<td>January 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66341</td>
<td>Krakow</td>
<td>Utopia Plantilla Fleet Yards, Mars</td>
<td>June 2345</td>
<td>October 2348</td>
<td>April 2349</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-66572</td>
<td>Lithuania</td>
<td>Saint Petersburg Fleet Yards, Earth</td>
<td>September 2345</td>
<td>December 2348</td>
<td>July 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66573</td>
<td>Vilnius</td>
<td>Saint Petersburg Fleet Yards, Earth</td>
<td>September 2345</td>
<td>December 2348</td>
<td>July 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66690</td>
<td>Latvia</td>
<td>Axaanivus Cesleco Starcraft, Alpha Centauri V</td>
<td>October 2345</td>
<td>January 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-66691</td>
<td>Riga</td>
<td>Axaanivus Cesleco Starcraft, Alpha Centauri V</td>
<td>October 2345</td>
<td>January 2349</td>
<td>September 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67232</td>
<td>Estonia</td>
<td>Spacedock, San Francisco, Earth</td>
<td>January 2346</td>
<td>March 2349</td>
<td>December 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67233</td>
<td>Tallinn</td>
<td>Spacedock, San Francisco, Earth</td>
<td>January 2346</td>
<td>March 2349</td>
<td>December 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67545</td>
<td>Austria</td>
<td>Hakon Yards, Galena</td>
<td>March 2346</td>
<td>May 2349</td>
<td>February 2350</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-67546</td>
<td>Vienna</td>
<td>Hakon Yards, Galena</td>
<td>March 2346</td>
<td>May 2349</td>
<td>February 2350</td>
<td>Active</td>
</tr>
</tbody>
</table>

Fleet Yards, Utopia Planitia, St. Petersburg Fleet Yards, Axaanivus Cesleco, and the San Francisco Spacedock.

**Development and Construction History:** The Norway class was approved for construction in 2344 and five keels were laid. They were commissioned starting in 2347. The Norway class, along with the larger Akira, was a mainstay during the Dominion War. Its speed and firepower made it an excellent match for the Galor class cruisers. Oftentimes, the Norways would make a quick attack run by the Galor, allowing the Akiras to sneak in and deliver a crushing torpedo attack.
Current Specifications for the Norway class:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displacement</td>
<td>622,000 mt</td>
</tr>
<tr>
<td>Overall Length</td>
<td>365 m</td>
</tr>
<tr>
<td>Overall Beam</td>
<td>53 m</td>
</tr>
<tr>
<td>Overall Draft</td>
<td>226 m</td>
</tr>
<tr>
<td>Propulsion:</td>
<td>Two LF-40 Mod 1 energized-energized antimatter warp drive units (System Contractor: Leeding Energies, Earth)</td>
</tr>
<tr>
<td></td>
<td>Two FIG-2 subatomic unified energy impulse units (System Contractor: Kloratis Drives, Tellar)</td>
</tr>
<tr>
<td></td>
<td>QASR-2 particle beam maneuvering thrusters (System Contractor: Scarbak Propulsion Systems, Earth)</td>
</tr>
<tr>
<td></td>
<td>“Trentis IV” pulsed laser reaction control system (System Contractor: Orage ek, Aksajak, Andor)</td>
</tr>
<tr>
<td>Velocity:</td>
<td>Warp 7 Standard Cruising Speed</td>
</tr>
<tr>
<td></td>
<td>Warp 9.0 Maximum Cruising Speed</td>
</tr>
<tr>
<td></td>
<td>Warp 9.7 Maximum Attainable Velocity</td>
</tr>
<tr>
<td>Duration:</td>
<td>5 years, standard</td>
</tr>
<tr>
<td>Complement:</td>
<td>80 Officers</td>
</tr>
<tr>
<td></td>
<td>320 Enlisted Crew</td>
</tr>
<tr>
<td></td>
<td>0 Passengers (Normal – Up to 100 maximum)</td>
</tr>
<tr>
<td></td>
<td>400 Total Crew (Standard)</td>
</tr>
<tr>
<td>Embarked Craft:</td>
<td>0 Danube Class Runabout</td>
</tr>
<tr>
<td></td>
<td>4 Type 6 Personnel Shuttle</td>
</tr>
<tr>
<td></td>
<td>2 Type 7 Personnel Shuttle</td>
</tr>
<tr>
<td></td>
<td>2 Type 9A Cargo Shuttle</td>
</tr>
<tr>
<td></td>
<td>4 Type 16 Shuttlepod</td>
</tr>
<tr>
<td></td>
<td>0 Peregrine Class Fighter</td>
</tr>
<tr>
<td></td>
<td>0 S-3 Sentry SWAC Shuttle</td>
</tr>
<tr>
<td>Navigation:</td>
<td>RAV / ISHAK Mod 3 Warp Celestial Guidance (System Contractor: Tikis Ramads RRB, Coridan II)</td>
</tr>
<tr>
<td>Computers:</td>
<td>M-14 Isolinear II (System Contractor: Doystrom Computer Systems, Luna)</td>
</tr>
<tr>
<td>Phasers:</td>
<td>6 Type X Collimated Phaser Array (System Contractor: Hileam Energies, Earth)</td>
</tr>
<tr>
<td></td>
<td>2 Mk 80 Photon Torpedo Launchers (System Contractor: Laroxal, Andor)</td>
</tr>
<tr>
<td>Defense:</td>
<td>FSQ Primary Force Field</td>
</tr>
<tr>
<td></td>
<td>AL3 Life Support System</td>
</tr>
<tr>
<td>Life Support:</td>
<td>NAG2 Modular Gravity Unit (System Contractor: New Amsterdam Gravitics, New Amsterdam, Alpha III)</td>
</tr>
<tr>
<td></td>
<td>AL3 Life Support System</td>
</tr>
<tr>
<td></td>
<td>(System Contractor: A’Alakon Landiss, Divallax, Andor)</td>
</tr>
</tbody>
</table>
A PAINTING OF THE NORWAY CLASS FRIGATE U.S.S. BUDAPEST (FR 64923)
Class: During her many years of service, the Belknap class strike cruiser performed an important role in guarding the Romulan Neutral Zone against incursions. With the “disappearance” of the Romulans, Star Fleet decided not to replace these aging ships with a new class, instead assigning Excelsior and Miranda class vessels. Considering the total lack of contact, this was an excellent cost-saving measure.

But then the Romulans have returned. And they showed a desire to return to their ways of old. The D’daridex class warbird seemed a match for even the Galaxy class, and hopelessly outguned the third-echelon Star Fleet forces. Vessels of the Akira and Steamrunner classes were assigned to the Neutral Zone to bolster defenses, operating in small squadrons of three to four ships, under the command of Nebula class cruisers in a SWACS (Spaceborne Warning and...
Control configuration. Such small task forces are effective, packing sufficient firepower (especially with the torpedo-heavy Akira class as the centerpoint), but they draw off a large number of vessels. Therefore, development of a new class of tactical frigates was approved to provide a vessel capable of holding its own long enough to allow RDF ships to form to repel any serious incursion. Of the designs submitted, The Sullivans was the one that moved to the top and eventually approved for construction.

**Classification:** The Sullivans class is classified as a tactical frigate due to its heavy weapons load.

**Design:** The Sullivans class bears a rough resemblance to the Miranda class vessels it will be replacing on the Neutral Zone. Roughly the size of the old Constitution/Enterprise class heavy cruiser, The Sullivans places its emphasis on large hangar capacity and superior firepower. The ship is a single-hull design, with the back end being a massive “superhangar” capable of carrying the ship’s compliment of Peregrine fighters and other embarked craft. A large rollbar mounts two dual photon torpedo launchers, and two turrets extending above and below the ship on fins house Type XII megaphasers.

In addition to the massive hangar facilities, The Sullivans tactical frigate is designed to carry 100 marines, in addition to the standard crew of 79 officers and 280 enlisted. There is room for up to 50 additional personnel, mainly support people for specific missions.

**Engineering:** The Sullivans class mounts the standard Leeding Energies LF-41 series of warp drive in a dual nacelle configuration. Additional fusion reactors have been fitted to assist in powering the megaphaser cannon.

**Tactical:** Easily one of the most powerful vessels in existence, the ship mounts six Type XII megaphaser cannon, six Type X phaser strips, and eight Mk 80 photon torpedo launchers. The FSQ shield system is fitted as, for a ship this size, it offers incredible levels of protection. A modified version of the standard CETIS / TACAR fire-control system is fitted.

**Computer Systems:** The M-15 Isolinear III found in most Class One starships is fitted.

**Builders:** All ten vessels were constructed at Utopia Planitia. Prime contractor was Daimler-Chrysler Aerospace.

**Development and Construction History:** The Sullivans class underwent a thorough review at the ASDB starting in 2367 and was formally approved in 2369. Three vessels were approved, but only two began construction in 2370. They entered service in 2372 and were used to test the class' systems and work out any bugs. Once they were certified, five additional vessels that had been ordered were laid down, though all were built with internal and systems modifications and were classified a Mk. II specification. Three additional vessels were approved, again with changes to a new Mk. III specification, though all entered service after the Armistice had been signed.
Current Specifications for The Sullivans class:

- **Displacement**: 1,485,000 mt
- **Overall Length**: 320 m
- **Overall Draft**: 80 m
- **Overall Beam**: 256 m
- **Propulsion**: Two LF-41 Mod 1 energized-energized antimatter warp drive units
  - [System Contractor: Leeding Energies, Sydney, Earth]
  - Two FIG-5 subatomic unified energy impulse units
    - [System Contractor: Kloratis Drives, Tellar]
  - QASR-2 particle beam maneuvering thrusters
    - [System Contractor: Scarbak Propulsion Systems, Earth]
  - “Trents IV” pulsed laser reaction control system
    - [System Contractor: Orage (ek, Aksqjak, Andor)]
- **Velocity**: 
  - Warp 6.0 Standard Cruising Speed
  - Warp 9.0 Maximum Cruising Speed
  - Warp 9.6 Maximum Attainable Velocity
- **Duration**: 5 years, standard
- **Complement**: 
  - 79 Officers
  - 300 Enlisted Crew
  - 144 Flight Crew
  - 100 Marines
  - 0 Passengers (Normal – Up to 45 Maximum)
  - 479 Total Crew (Standard)
- **Embarked Craft**: 
  - 0 Danube Class Runabout
  - 4 Type 6 Personnel Shuttle
  - 4 Type 7 Personnel Shuttle
  - 4 Type 9A Cargo Shuttle
  - 6 Type 10 Combat Drop Shuttles
  - 4 Type 16 Shuttlepod
  - 20 Peregrine Class Fighter
  - 2 3 Sentry SWAC Shuttle
- **Navigation**: RAV / ISHAK Mod 3 Warp Celestial Guidance
  - [System Contractor: Tlixis Ramab RRB, Coridan III]
- **Computers**: M-15 Isolinear III with LCARS interface software
  - [System Contractor: Daystrom Computer Systems, Luna]
- **Phasers**: 6 Type X Colimated Phaser Array
  - [System Contractor: Hilbeam Energies, Earth]
- **Phasers**: 6 Type XII Megaphaser Cannon
  - [System Contractor: Hilbeam Energies, Earth]
- **Missiles**: 8 Mk 80 Photon Torpedo Launchers
  - [System Contractor: Loraxial, Andor]
- **Defense**: FSQ Primary Force Field
  - [System Contractor: Charlotte Shields, Earth]
- **Life Support**: MM6 Modular Gravity Unit
  - [System Contractor: Morris Magnatronics, Palyria, Mars]
  - AL4 Life Support System
    - [System Contractor: A’Alakon Landiss, Divallox, Andor]
DESTROYERS
FREEDOM CLASS DESTROYER

Class: The Freedom class was essentially a “new technology” version of the old Saladin class. The Saladin’s had worked quite well during their career, but all were retired in the early 2300s. While Star Fleet was pleased with the Steamerunner class, they desired a cheaper vessel that could be built quickly.

Classification: The Freedom is classified as a destroyer.

Design: Numerous destroyer designs were submitted, but none really lit a fire under the Advanced Starship Design Bureau or Fleet Operations. Star Fleet wanted to get a new class in the field as quickly as possible, and Newport News Shipyards, builders of the original Saladin class, submitted a proposal named Freedom that used a primary hull similar in design to that of the Niagara with a small dorsal connecting the saucer to the warp nacelle. ASDB signed off on it and a contract for three vessels was awarded to Newport News with options for five more.

Engineering: The Freedom received the LF-30 warp drive. Main engineering is located in the underside of the saucer around the dorsal itself. Antimatter containment is stored in the underside of the nacelle in a small detachable unit. Matter containment is in a small section that

### 10 HEAVY DESTROYERS: “FREEDOM” CLASS

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-68705</td>
<td>Freedom</td>
<td>Newport News Fleet Yards, Earth</td>
<td>February 2347</td>
<td>April 2349</td>
<td>July 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68711</td>
<td>Concorde</td>
<td>Newport News Fleet Yards, Earth</td>
<td>February 2347</td>
<td>April 2349</td>
<td>July 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68723</td>
<td>Firebrand</td>
<td>Newport News Fleet Yards, Earth</td>
<td>March 2347</td>
<td>May 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68734</td>
<td>Hinkler</td>
<td>Newport News Fleet Yards, Earth</td>
<td>March 2347</td>
<td>May 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68755</td>
<td>Pelianski</td>
<td>Newport News Fleet Yards, Earth</td>
<td>March 2347</td>
<td>May 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68759</td>
<td>Vokshad</td>
<td>Newport News Fleet Yards, Earth</td>
<td>March 2347</td>
<td>May 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68781</td>
<td>New York</td>
<td>Newport News Fleet Yards, Earth</td>
<td>April 2347</td>
<td>June 2349</td>
<td>August 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68789</td>
<td>Denke</td>
<td>Newport News Fleet Yards, Earth</td>
<td>April 2347</td>
<td>June 2349</td>
<td>September 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-68793</td>
<td>Ottawa</td>
<td>Newport News Fleet Yards, Earth</td>
<td>May 2347</td>
<td>July 2349</td>
<td>September 2349</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-69421</td>
<td>Friendship</td>
<td>Spacedock, San Francisco, Earth</td>
<td>November 2347</td>
<td>September 2349</td>
<td>January 2350</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-69422</td>
<td>Dublin</td>
<td>Spacedock, San Francisco, Earth</td>
<td>November 2347</td>
<td>September 2349</td>
<td>January 2350</td>
<td>Active</td>
</tr>
</tbody>
</table>
anchors the dorsal to the top of the nacelle. Matter and anti-matter are drawn upwards and then sideways into the M/ARC. Plasma is then sent back down the dorsal to the nacelle.

**Tactical:** The Freedom is well-armed for her size, with three Type IX phaser rings and two Mk 75 photon torpedo launchers. The FSP shield system provides very high levels of shielding.

**Computer Systems:** The Freedom carries the isolinear-based M-13, which is more than adequate to run the ship's systems.

**Builders:** The first nine vessels were built at Newport News Shipyards and an additional two were ordered from San Francisco Spacedock.

**Development and Construction History:** The Freedom Class was approved in 2347 for ten vessels plus the prototype. Once in service, the vessel was considered adequate for her role, but was not as effective as the larger Steamrunner. In the end, the current mix of both was considered adequate and SSDC was charged with beginning the preliminary scoping of a new heavy destroyer class for the 2360s or 2370s.
Current Specifications for the Freedom class:

Displacement: 1,075,000 mt
Overall Length: 430 m
Overall Draft: 121 m
Overall Beam: 260 m

Propulsion:
- One LF-30 Mod 1 energized-energized antimatter warp drive units (System Contractor: Leeding Energies, Earth)
- One FIG-2 subatomic unified energy impulse unit (System Contractor: Klarats Drives, Tellar)
- QASR-2 particle beam maneuvering thrusters (System Contractor: Scarbak Propulsion Systems, Earth)
- “Trentis II” pulsed laser reaction control system (System Contractor: Otage, Aksak, Andor)

Velocity:
- Warp 7.5 Maximum Cruising Speed
- Warp 9.0 Maximum Attainable Velocity

Duration: 5 years, standard

Complement:
- 50 Officers
- 250 Enlisted Crew
- 0 Passengers (Normal – Up to 100 maximum)
- 300 Total Crew (Standard)

Embarked Craft:
- 0 Danube Class Runabout
- 4 Type 6 Personnel Shuttle
- 2 Type 7 Personnel Shuttle
- 2 Type 9A Cargo Shuttle
- 8 Type 16 Shuttlepod
- 0 Peregrine Class Fighter
- 0 S-3 Sentry SWAC Shuttle

Navigation:
- RAV / ISHAK Mod 3 Warp Celestial Guidance (System Contractor: Tikis Ramat RRB, Coridan III)
- M-13 Isolinear I (System Contractor: Doystrom Computer Systems, Luna)
- 3 Type IX Collimated Phaser Array (System Contractor: Hileam Energies, Earth)
- 2 Mk 75 Photon Torpedo Launchers (System Contractor: Skat-Rar Weapon Systems, Andor)
- FSP Primary Force Field (System Contractor: Charlattes Shields, Earth)
- NAG1 Modular Gravity Unit (System Contractor: New Amsterdam Gravitics, New Amsterdam, Alpha III)
- AL2 Life Support System (System Contractor: A’Alakon Landiss, Divallax, Andor)

Life Support:
- New Amsterdam Gravitics, New Amsterdam, Alpha III

System Contractors:
- Leeding Energies, Earth
- Klarats Drives, Tellar
- Scarbak Propulsion Systems, Earth
- Otage, Aksak, Andor
- Tikis Ramat RRB, Coridan III
- Doystrom Computer Systems, Luna
- Hileam Energies, Earth
- Skat-Rar Weapon Systems, Andor
- Charlattes Shields, Earth
- New Amsterdam Gravitics, New Amsterdam, Alpha III
- A’Alakon Landiss, Divallax, Andor
Starfleet has always maintained a defensive-oriented force structure. The largest Explorer class vessels were also the best-armed and were expected to protect the Federation in times of crisis. However, the ships were called upon more and more to “put out fires” and “show the Flag”, detracting from their primary role as Explorers. The Miranda class, though originally heavy frigates, had become outclassed by their Threat counterparts, and could no longer perform these roles adequately. The Starfleet Spacecraft Design Advisory Commission was charged with developing a new vessel capable of performing these roles, freeing the Ambassador and Excelsior class starships to continue their exploration roles.

**Class:** Starfleet had not had a true “destroyer” class ship since the old Baker class, which had been retired by 2315. Therefore, they developed the Freedom class to fill the role. However, the class was outmatched by the Romulan forces they encountered during the Tolmed incident, and SSDAC put forth a proposal for a new destroyer for Neutral Zone patrol duties. The Steamrunner class Starship Development Project best fit the requirements — small size, decent weaponry, and low operating costs. No Federation starship performs a purely military role in this day and age. Fleet resources are too precious for such a vessel. So while the Steamrunner is combat-oriented, she also carries a small scientific compliment and performs scouting and survey missions while on patrol duties. There is also an extremely limited diplomatic capability, and ships of this class have performed such duties in the more out-of-the-way places in the Federation Treaty Zone.

**Classification:** The Steamrunner class was originally envisioned as a destroyer, but was upgraded to heavy destroyer after the final design was approved.

**Design:** The Steamrunner class is an intriguing design. As a combat vessel, it was necessary to protect vital ship’s systems. Therefore, the warp nacelles are buried into the hull structure. The nacelle structures extend back from either side of the primary hull, joining together in the back by a structural crossmember that bends down to a pod that houses the navigational deflector. This design has also been found to be inherently stronger than the traditional elliptical shape, allowing a 15% reduction in mass through the use of thinner structural members.

**Engineering:** The size and performance characteristics of the LF-20 warp drive and FIG-2 impulse unit were a perfect match for the Steamrunner class, allowing a standard cruising speed of Warp 7 and a top speed in excess of Warp 9.

**Tactical:** The Steamrunner was designed to hold its own in a combat situation. As such the ship mounts six Type IX phaser rings and two Mk 75 photon torpedo launchers. The FSP shield system from the Ambassador class was fitted, giving the ship excellent defensive shielding.

**Computer Systems:** The Steamrunner carries the isolinear-based M-13 as it was next to impossible to fit a larger computer core in these vessels. The M-13 has proven to be well-suited for the Steamrunner and constant firmware upgrades have continued to enhance the system.

**Builders:** Steamrunner class destroyers have been built at both Starfleet and independent shipyards.

**Development and Construction History:** The Steamrunner class was approved in 2340 with the lead vessel entering service in 2343. All told, the Steamrunner class serves her designed role well, though the lack of scientific facilities has hurt the vessel during peacetime deployments.
<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Builder</th>
<th>Laid Down</th>
<th>Launched</th>
<th>Commissioned</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCC-52130</td>
<td>Steamrunner</td>
<td>Spacedock, San Francisco, Earth</td>
<td>July 2338</td>
<td>October 2340</td>
<td>March 2341</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52131</td>
<td>Everest</td>
<td>Spacedock, San Francisco, Earth</td>
<td>July 2338</td>
<td>October 2340</td>
<td>March 2341</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52163</td>
<td>Hiroshima</td>
<td>Spacedock, San Francisco, Earth</td>
<td>August 2338</td>
<td>November 2340</td>
<td>April 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52433</td>
<td>Olympus Mons</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>October 2338</td>
<td>January 2341</td>
<td>June 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52484</td>
<td>Glenfinnien</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>November 2338</td>
<td>February 2341</td>
<td>June 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52516</td>
<td>Rockies</td>
<td>Newport News Fleet Yards, Earth</td>
<td>January 2339</td>
<td>April 2342</td>
<td>September 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52572</td>
<td>Appalachia</td>
<td>Newport News Fleet Yards, Earth</td>
<td>March 2339</td>
<td>July 2342</td>
<td>December 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52630</td>
<td>Himalayas</td>
<td>New Aberdeen Fleet Yards, Aldeberan</td>
<td>May 2339</td>
<td>September 2342</td>
<td>February 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52701</td>
<td>Andes</td>
<td>Chios Starship Construction, Thelavor, Andor</td>
<td>July 2339</td>
<td>November 2342</td>
<td>May 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52769</td>
<td>Caucasus</td>
<td>Port Copencius Fleet Yards, Luna</td>
<td>August 2339</td>
<td>November 2342</td>
<td>May 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52824</td>
<td>Uralis</td>
<td>M’Yengh Yards, Shzerensohr, Cali</td>
<td>September 2339</td>
<td>December 2342</td>
<td>June 2342</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52841</td>
<td>Alps</td>
<td>M’Yengh Yards, Shzerensohr, Cali</td>
<td>October 2339</td>
<td>January 2343</td>
<td>July 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52900</td>
<td>Pyrenees</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>October 2339</td>
<td>January 2343</td>
<td>July 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-52973</td>
<td>McKinley</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>December 2339</td>
<td>March 2343</td>
<td>September 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-53278</td>
<td>Rainier</td>
<td>Puget Sound Fleet Yards, Earth</td>
<td>January 2340</td>
<td>April 2343</td>
<td>October 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-53347</td>
<td>Ararat</td>
<td>Puget Sound Fleet Yards, Earth</td>
<td>January 2340</td>
<td>April 2343</td>
<td>October 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-54414</td>
<td>Blanc</td>
<td>Cosmadyn Yeard, Boston</td>
<td>January 2340</td>
<td>April 2343</td>
<td>October 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-55627</td>
<td>Censo Aconagura</td>
<td>Puget Sound Fleet Yards, Earth</td>
<td>February 2340</td>
<td>April 2343</td>
<td>November 2343</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-56048</td>
<td>Alpha Regio</td>
<td>Saint Petersburg Fleet Yards, Earth</td>
<td>February 2340</td>
<td>May 2343</td>
<td>November 2343</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-56171</td>
<td>Ardennes</td>
<td>Utopia Planitia Fleet Yards, Mars</td>
<td>April 2340</td>
<td>July 2343</td>
<td>February 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-56315</td>
<td>Olympics</td>
<td>Pederson Spaceport, Copenhagen, Earth</td>
<td>May 2340</td>
<td>August 2343</td>
<td>February 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-56776</td>
<td>Cascades</td>
<td>Puget Sound Fleet Yards, Earth</td>
<td>May 2340</td>
<td>August 2343</td>
<td>March 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57154</td>
<td>Carpathians</td>
<td>Axaanvus Ceslco Starcraft, Alpha Centauri V</td>
<td>June 2340</td>
<td>September 2343</td>
<td>March 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-57501</td>
<td>Ebuz</td>
<td>Alfras Fleet Yards, Deneb V</td>
<td>September 2340</td>
<td>December 2343</td>
<td>April 2344</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-57854</td>
<td>Theia Mons</td>
<td>Axaanvus Ceslco Starcraft, Alpha Centauri V</td>
<td>February 2341</td>
<td>April 2344</td>
<td>November 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58134</td>
<td>Caloris Montes</td>
<td>New Aberdeen Fleet Yards, Aldeberan</td>
<td>March 2341</td>
<td>June 2344</td>
<td>December 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58157</td>
<td>Nevada</td>
<td>New Aberdeen Fleet Yards, Aldeberan</td>
<td>March 2341</td>
<td>June 2344</td>
<td>December 2344</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58372</td>
<td>Sierra Madres</td>
<td>Newport News Fleet Yards, Earth</td>
<td>May 2341</td>
<td>August 2344</td>
<td>January 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-58481</td>
<td>Aravalli</td>
<td>Shar Ta’kel, Central Docks, 40 Eridani</td>
<td>May 2341</td>
<td>August 2344</td>
<td>January 2345</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-58948</td>
<td>Kolymara</td>
<td>Earth Station McKinley, Earth</td>
<td>July 2341</td>
<td>October 2344</td>
<td>March 2345</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-59427</td>
<td>Ja’Fadey Montains</td>
<td>Hakon Yards, Galena</td>
<td>August 2341</td>
<td>November 2344</td>
<td>April 2345</td>
<td>Lost</td>
</tr>
<tr>
<td>NCC-59753</td>
<td>Chartlum Montes</td>
<td>Chios Starship Construction, Thelavor, Andor</td>
<td>August 2341</td>
<td>November 2344</td>
<td>April 2345</td>
<td>Active</td>
</tr>
<tr>
<td>NCC-60045</td>
<td>Kilimanjaro</td>
<td>Chandley Works, Caravalla, Mars</td>
<td>October 2341</td>
<td>January 2345</td>
<td>June 2345</td>
<td>Active</td>
</tr>
</tbody>
</table>
Current Specifications for the Steamrunner class:

- **Displacement**: 275,000 mt
- **Overall Length**: 292 m
- **Overall Draft**: 45 m
- **Overall Beam**: 217 m

**Propulsion:**
- Two FL-20 Mod 1 energized-energized antimatter warp drive units (System Contractor: Cochrane Warp Dynamics, Alpha Centauri V)
- Two FIG-2 subatomic unified energy impulse units (System Contractor: Kloratis Drives, Tellar)
- QASR-2 particle beam maneuvering thrusters (System Contractor: Scarbak Propulsion Systems, Earth)
- “Trentis IV” pulsed laser reaction control system (System Contractor: Orage [ek. Aksojak, Andor])

**Velocity:**
- Warp 7 Maximum Crusing Speed
- Warp 9.0 Maximum Attainable Velocity
- Warp 9.6 Maximum Attainable Velocity

**Duration:** 5 years, standard

**Complement:**
- 100 Officers
- 500 Enlisted Crew
- 100 Passengers (Maximum)
- 600 Total Crew (Standard)

**Embarked Craft:**
- 0 Danube Class Runabout
- 4 Type 6 Personnel Shuttle
- 4 Type 7 Personnel Shuttle
- 2 Type 9A Cargo Shuttle
- 6 Type 16 Shuttlepod

**Navigation:** RAV / SHAK Mod 3 Warp Celestial Guidance (System Contractor: Tikis Ramabs RRB, Coridan II)

**Computers:** M-13 Isolinear I (System Contractor: Daystrom Computer Systems, Luna)

**Phasers:** 6 Type IX Collimated Phaser Array (System Contractor: Hileam Energies, Earth)

**Missiles:** 2 Mk 75 Photon Torpedo Launchers (System Contractor: Skat-Ra Weapon Systems, Andor)

**Defense:** FSP Primary Force Field (System Contractor: Charlottes Shields, Earth)

**Life Support:** NAG1 Modular Gravity Unit (System Contractor: New Amsterdam Gravitics, New Amsterdam, Alpha III)

**AL2 Life Support System** (System Contractor: A’Alakon Landiss, Divallax, Andor)
THE STEAMRUNNER CLASS HEAVY DESTROYER U.S.S. RAINIER (DH 53278) IS BACKLIT BY A PULSAR
A dramatic shot of the U.S.S. Kilamanjaro (DH 60045) crash-landing after an engagement with Dominion forces. The crew was rescued shortly thereafter, but the vessel was unrecoverable and scuttled.
ABOUT THE PUBLISHING TEAM

Chief Editor and Publisher: Admiral Chris Wallace
The current Chief of Star Fleet Operations, Admiral Wallace also served as the Executive Director of the Galaxy and Galaxy (II) Class starship development projects and is a former Chairman of the Advanced Starship Design Bureau. He was the Commanding Officer of both the U.S.S. Bright Star and U.S.S. Galaxy.

Layout Consultant: Sakura Shinguji
Ms. Shinguji serves as the Director of Publications for Panda Press Interstellar.

Project Coordinator: Captain Belldandy Morisato
Captain Morisato has served as the Project Coordinator for most of DTS and ASDB’s technical publications. She is the Executive Officer of the U.S.S. Bright Star.

Strategic Editor: Commander Natsumi Tsujimoto
Commander Tsujimoto serves as the Tactical Officer aboard the U.S.S. Bright Star and served on the battle planning and management staffs for most of the Dominion War’s largest engagements.
Technical Editor: Admiral Alex Rosenzweig
Admiral Rosenzweig is the current Director of the Star Fleet Department of Technical Services, as well as the Director of the Office of Technical Information. He has chaired numerous Star Fleet committees and panels, including the commission that oversaw the loss of the U.S.S. Enterprise at Veridian III.

Systems Analyst: Rear Admiral Carsten Pedersen
Considered one of the premiere designers at Star Fleet R&D, Admiral Pedersen has lent his talents to most of the starship designs put into production over the past decade.

Naval Liaison: Rear Admiral John Scharmen
Admiral Scharmen serves as the Naval Liaison between Star Fleet Operations and the Star Fleet Spacecraft Design Advisory Commission.

Historical Liaison: Lieutenant General Scott A. Akers
General Akers serves as the Chief Historian of Star Fleet and assisted with the background histories of each class.

Support Staff: Doctor Rick Sternbach
Doctor Sternbach serves on the Advanced Propulsion Unit of the Advanced Starship Design Bureau. He was a senior member of the Galaxy, Sovereign, Intrepid, and Defiant Class Starship Development Projects.

Support Staff: Doctor Michael Okuda
Doctor Okuda serves on the Advanced Propulsion Unit of the Advanced Starship Design Bureau. He was a senior member of the Galaxy, Sovereign, Intrepid, and Defiant Class Starship Development Projects.

Senior Consultant: Dr. Bernd Schneider, PhD.
Dr. Schneider is the Dean of the School of Astronautics at Annapolis. He is considered an expert of Vulcan and other alien spacecraft and has written numerous articles for PPI.
TEXT CREDITS
  CHRIS WALLACE, KURT ROITHINGER, ALLYSON DYAR, DAFYDD NEAL DYAR

COVER ILLUSTRATION
  KURT ROITHINGER

STARSHIP DEVELOPMENT PROGRAM AND FLEET YARD LOGOS
  DAVID PIPGRAS, RICK STERNBACH and MICHAEL OKUDA

PERSONNEL PLAQUES
  CHRIS WALLACE AND KURT ROITHINGER
Definition & Conception

Team Kempo is the designation for the Advanced Starship Design Bureau’s Research and Development Testing Group, which is assigned to the Utopia Planitia Fleet Yards.

When he was named Chairman of the ASDB, then Rear Admiral Chris Wallace chose the first Galaxy (II) Class Large Exploratory Cruiser, the U.S.S. Bright Star (CKE 71875) to serve as the Test-Bed Vessel of the ASDB. The Galaxy (II) Class was the most advanced starship class in existence at the time, and the sheer size and volume makes it a good platform for testing new propulsion, computer, and tactical systems. In point of fact, the Galaxy (II) / Bright Star was the first installation of the LF-41B and LF-46 engines, Type XII phaser, and the M-16 Bio-Neural Gel Pack Isolinear III computer system.

As opposed to using the specialized prototype test crew (Cathedral Unit), the original test crew for the Bright Star were selected from various personnel who were chosen for their particular skills and experience aboard Galaxy and Nebula class starships. This was due to the significant changes that had been incorporated into the Galaxy (II) class as well as Admiral Wallace’s desire to train an R&D testing crew who would also serve as the ship’s Command Crew. It was thus composed of some of Starfleet’s best officers in each discipline, and all are considered experts in their respective fields. Of Bright Star’s original Command Crew, five were members of the Federation Kempo Team for 2370, and they therefore chose “Team Kempo” as their codename.

The Bright Star remains the primary “testbed” ship for the ASDB, and most of the new technologies developed for use within the Star Fleet are tested first on this vessel. In 2372, the Bright Star was joined by the U.S.S. Werner von Braun (CKE 72069), which was designated as ASDB’s Engineering Testbed vessel to test advanced and theoretical propulsion systems and technologies along with Bright Star.
TEAM KEMPO • STARSHIP U.S.S. BRIGHT STAR
LAUNCH CREW (2370)
Welcome to the Second Edition of Ships of the Star Fleet: 2377-78. This project was first started in 1999 as a resource for fans on the ships of the Next Generation / Deep Space Nine / Voyager era. In 2003, I decided to do a major update and added some more of the “canon” ships, as additional information is available for them.

Since 1997, I have been publishing a journal titled Dockyard Review, which has showcased ships from 2290-2380. Being a fan of Mastercom Data Center’s Ships of the Star Fleet: 2290-91, I decided to do something similar and chase 2377-78 for my first volume since that is the “current” Star Trek timeline for many of us.

As you can tell, I have not attempted (at least at this time) to include all the ships known to exist in the Star Trek universe of the late 2300’s. This is primarily because when I first started, most of these vessels are little more than a class name, ship name, and NCC number. Therefore, I have insufficient information on them to really create an entry for them. Here in the United States I did not get the excellent Star Trek Fact Files which showcase so many of these designs (like the Freedom and Apollo, for example). Instead, I decided to settle on the more “popular” ones, at least within some fan circles. However, that does not mean what you see here is all that there will ever be. This is the third edition of this resource and I hope to continue revising it in the future. You will also notice there are very few “fan” designs. In general, those designs are showcased in Starfleet Prototype and Dockyard Review. Fortunately, Star Trek: The Magazine provided me with much of the data found in the Fact Files, as well as people starting to create CG artwork of some of the “missing” classes like the Niagara, Freedom, and Challenger, which allowed me to add them into the 2003 update.

I know that there were probably hundreds of vessels of the Steamrunner, New Orleans, Saber, and other classes. However, I did not want to fill the book with pages of names, so I limited the entries to a single page. For naming conventions, I started first with “canon” names and NCC numbers (those seen or referenced on screen). Next, I went with studio models and other printed sources from Paramount (like the Encyclopedia). Next, I choose names and NCC numbers from active chapters of STARFLEET: The International Star Trek Association (whom the publisher’s happen to belong to) that happened to be of that class. For the Freedom Class I used the listing from the Trekmanna site (www.trekmanna.net). The rest...I made up. *grin*

A(nother) note about Registry numbers. I subscribe to the theory that registry numbers are assigned sequentially, with higher-numbered vessels (in general) being constructed after lower-numbered ones. This really threw a wrench in things, since it looks like almost *every* ship class known predates the Galaxy, which we know did not enter service until 2357. However, I asked myself what if the Galaxy class was not a revolutionary design, but instead was based on an established design lineage? Perhaps the New Orleans was the revolutionary design, and the Galaxy and Nebula took their cues from her? Also, we know up until 2344 that relations with the Klingons had become stormy (if the Enterprise C had not been at Nerandra II, there would have eventually been war as “Yesterday’s Enterprise” showed us) so very powerful vessels like the Akira might have been developed in response to the threat of war. When this threat evaporated, peaceful explorers like the Galaxy class could be built. I plotted out all the construction dates from the first edition and found they made no sense. So I spent three days re-doing them all. From 2364 onwards, it gets dicey, but I did the best I could do. :-(

The information contained within this volume is purely the conjecture of myself and is not meant to be deemed official or “canon” in any way. I have, where possible, used official Paramount sources for information. Where that has failed, I have gone to the web and other books. I am indebted to Rick Sternbach, Michael and Denise Okuda, and the rest of the Star Trek Art Department folks for providing information. Thanks also go to Alex Jaegar at ILM for his data on the Akira class battlecruiser and Alex Rosenzweig for providing a listing of many of the names and NCC numbers included herein. I’d also like to double (as opposed to single) out Graham Kennedy’s Daystrom Technical Institute (http://www.ditl.org) and Bernd Schneider’s Ex Astris Scientia (http://www.ex-astris-scientia.org) pages for the helpful technical information they provided. And a final “big” thank you to Mateen Greenway (http://mateengreenway.simplenet.com), Peter Savin and the gang at SciFi-Art.com (http://www.sci-fi-art.com) and the talented folks who contribute to SciFi-Meshes.com (http://www.sci-fi-meshes.com) for providing the high-quality graphics seen throughout this book.
ART CREDITS

STARSHIP MODEL CREDITS - ALL VOLUMES

AKIRA CLASS MODELS BY: Cyrille Lefevre, Peter Savin and Mike Wright (www.sci-fi-art.com)
AMBASSADOR CLASS MODELS BY: Cyrille Lefevre and Peter Savin (www.sci-fi-art.com)
CHEYENNE CLASS MODELS BY: Tom Bijl (www.sci-fi-art.com)
DEFIANT CLASS MODELS BY Mike Wright (www.sci-fi-art.com) and Mateen Greenway (mateengreenway.simplenet.com)
ENTENTE CLASS MODELS BY: Trevor Morris and Ralph Schoberth (trekmeshes.starfleet.ch) and Mateen Greenway (mateengreenway.simplenet.com)
GALAXY CLASS MODELS BY: Mateen Greenway (mateengreenway.simplenet.com)
GALAXY (II) CLASS MODELS BY: Chris Sutherland (trekmeshes.starfleet.ch)
INTREPID CLASS MODELS BY: Mateen Greenway (mateengreenway.simplenet.com)
NEBULA CLASS MODELS BY: Mateen Greenway (mateengreenway.simplenet.com)
NEW ORLEANS CLASS MODELS BY: Tom Bijl (www.sci-fi-art.com)
NORWAY CLASS ILLUSTRATIONS BY: Doug Drexler (Star Trek Encyclopedia)
NORWAY CLASS MODELS BY: Rob Caves (www.geocities.com/SaHo/Village/1210/index.htm)
NOVA CLASS MODELS BY: Sci-fi-art.com (www.sci-fi-art.com)
SABER CLASS MODELS BY: Mike Wright (www.sci-fi-art.com)
SOVEREIGN CLASS MODELS BY: Ralph Schoberth (www.sci-fi-art.com)
STEAMRUNNER CLASS MODELS BY: Cyrille Lefevre and Majoman (www.sci-fi-art.com)

STARSHIP ART CREDITS - VOLUME ONE

THE USS VICTORY (CE 9754) EXPLORING A TYPE VI GASEOUS CLOUD
Sci-fi-art.com (http://www.sci-fi-art.com)
THE USS STARGAZER (CE 2893) UNDERGOING REPAIR AND REFIT AT XENDI STARBASE 9 FOLLOWING HER RECOVERY IN 2364
Dak Phoenix (http://www.PHOENIX-ARCHETYPES.com)
EXCELSIOR CLASS ENGAGING KLINGON BIRDS OF PREY
Lee Scheinbeim (http://www.scifi-meshes.com)
THE USS EXCELSIOR (CH 2000) PREPARES TO LEAVE PORT ON HER NEXT MISSION
Flat Eric (http://www.scifi-meshes.com)
THE USS MAAT (CH 10794) CATALOGING NEBULAE
Admiral Valkyrien (http://www.scifi-meshes.com)
THE USS EXCALIBUR (CH 26517) ENTERS EARTH ORBIT
Sci-fi-art.com (http://www.sci-fi-art.com)
COMING HOME
Nick Bacon and Tom Bijl (http://www.sci-fi-art.com)

THE USS SUTHERLAND (CL 72015) CONFIGURED WITH A DEEP SPACE SENSORDOME
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS RONALD E. MCNAIR (CL 61829) ON PATROL
Sci-fi-art.com (http://www.sci-fi-art.com)

AN AFT VIEW OF THE USS SUTHERLAND (CL 72015), SHOWING HER HANGER DECK
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS NIAGARA (CF 28205) ON PATROL
The Red Admiral (http://www.trekmania.net/)

THE USS VENTURE (CKE 71854) DURING REFIT AFTER THE DOMINION WAR
Deks (http://www.sci-fi-meshes.com)

THE USS CHALLENGER [NCC 71099] ON A DEEP-SPACE SURVEY MISSION
Tom Bij (http://www.sci-fi-art.com)

CHALLENGER CLASS STARSHIP
The Red Admiral (http://www.trekmania.net/)

THE USS CHALLENGER [CL 57476] DURING HER SHAKEDOWN CRUISER
The Red Admiral (http://www.trekmania.net/)

THE USS RONALD E. MCNAIR (CL 61829) ON PATROL
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS NIAGARA (CF 28205) ON PATROL
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS VENTURE (CKE 71854) DURING REFIT AFTER THE DOMINION WAR
Deks (http://www.sci-fi-meshes.com)

THE USS CHALLENGER [NCC 71099] ON A DEEP-SPACE SURVEY MISSION
Tom Bij (http://www.sci-fi-art.com)

CHALLENGER CLASS STARSHIP
The Red Admiral (http://www.trekmania.net/)

THE USS CHALLENGER [CL 57476] DURING HER SHAKEDOWN CRUISER
The Red Admiral (http://www.trekmania.net/)

THE USS PANThER CITY (CG 63543) EXPLORING THE BADLANDS NEAR DEEP SPACE NINE
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS KANEDA (CG 63352) ON PATROL
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS BRIGHT STAR (CKE 71875) - THE FIRST GALAXY (II) CLASS LARGE EXPLORATORY CRUISER
Captain Braxton [webmaster@quantum2k.de]

THE USS WERNER VON BRAUN (CKE 72069) PERFORMING DEEP-SPACE MAPPING
Big Boy T (http://www.sci-fi-art.com)

THE USS BRIGHT STAR ENGAGES A CARDASSIAN GALOR CLASS CRUISER DURING “OPERATION RETURN”
Sean Quigly (http://www.sci-fi-art.com)

THE USS DESTINY (CR 74691) PAYS A VISIT TO ALPHA V
Tim Fee (http://www.sci-fi-meshes.com)

THE USS INTREPID (NCC 74655) TRACKING A CLASS B comET
Vaaceman (vaaceman@hotmail.com)

THE USS ENTERPRISE [CH 1701-E] - THE SIXTH VESSEL TO CARRY THIS MOST FAMOUS OF NAMES
Alex Zervas [http://www.alex.freeisp.co.uk]

THE SOVEREIGN CLASS HEAVY CRUISER USS KENSINGTON (CH 75016) ON PATROL NEAR STARBASE FIVE
Desktop Starships (http://www.desktopstarships.com)

THE USS PROMETHEUS [CT 74913] ON PATROL
Ed Giddings (http://www.quantumss.freeserve.co.uk)

THE USS PROMETHEUS [CT 74913] TESTS HER MULTI-VECTOR ASSAULT MODE
Ed Giddings (http://www.quantumss.freeserve.co.uk)

THE USS PROMETHEUS [CT 74913] DURING HER LAUNCH FROM DEEP SPACE FIVE
Unknown

NOTTINGHAM CLASS STARSHIP
John H. Harris (http://www.tolmm.com)

STARSHIP ART CREDITS - VOLUME TWO

THE ENTENTE CLASS DREADNOUGHT USS ENTENTE (DN 73280) ENTERS AN UNCHARTED STAR SYSTEM
Eric Peterson (http://www.wolf359a-anet-stl.com) and GEO W. PROCTOR
THE ENTENTE CLASS DREADNOUGHT USS MIR (DN 73281) AND THE NEBULA CLASS CRUISER USS ULYSSES (CL 66808) ON JOINT PATROL NEAR THE BREEN / FEDERATION BORDER
Eric Peterson (http://www.wolf359a-anet-stl.com)

THE COMMAND SHIP USS WHITEHALL (CO 75100) SETS COURSE TO TAKE COMMAND OF THE FLEET AT CHIN'TOKA
Ralph (http://www.sci-fi-meshes.com)

THE USS MAGNY-COURS (FR 65718) AND A BORG CUBE DURING THE SECOND BATTLE FOR EARTH
Tom Bijl (http://www.sci-fi-art.com)

THE NEW ORLEANS CLASS FRIGATE USS ARLEIGH BURKE (FR 64923) EXPLORING A NEW NEBULA
Tom Bijl (http://www.sci-fi-art.com)

A PAINTING OF THE NORWAY CLASS FRIGATE USS BUDAPEST (FR 64923)
STAB TREK ART DEPARTMENT

THE SULLIVANS CLASS TACTICAL FRIGATE
Starship USS O’Banon (http://seatonmarine.tripod.com/index2.htm)

THE FREEDOM CLASS STARSHIP
The Red Admiral (http://www.trekmania.net/)

THE STEAMRUNNER CLASS HEAVY DESTROYER USS RAINIER (DH 53278) IS BACKLIT BY A PULSAR
Cyrille Lefevre and Mojoman (http://www.sci-fi-art.com)

A DRAMATIC SHOT OF THE USS KILAMANJARO (DD 60045) CRASH-LANDING AFTER AN ENGAGEMENT WITH DOMINION FORCES
Vaaceman (http://www.sci-fi-art.com)

STARSHIP ART CREDITS – VOLUME THREE

THE CHEYENNE CLASS SUPERSCOUTS USS CHEYENNE (SS 50000), APACHE (SS 51821), MOHICAN (SS 66679), AND CHEROKEE (SS 62292) PASS IN REVIEW DURING A STARFLEET SHOW
Tom Bijl (http://www.sci-fi-art.com)

THE CHEYENNE CLASS SUPERSCOUT USS BLACK HAWK (SS 50495) AND THE AKIRA CLASS BATTLECRUISER USS LAPUTA (CG 64552) ON JOINT MANEUVERS
Tom Bijl, Cyrille Lefevre, Peter Savin and Mike Wright (http://www.sci-fi-art.com)

THE USS KATANA ENGAGES A JEM'HADAR ATTACK SHIP DURING “OPERATION RETURN”
Sci-fi-art.com (http://www.sci-fi-art.com)

THE USS SCLAYMORE (ST 63250) ON DEFENSIVE PATROL
Andrew Hodges (starfleet2000@hotmail.com)

THE NOVA CLASS SURVEYOR NOVA (ST 72380) AT WARP
Mike Wright (http://www.sci-fi-art.com)

THE NOVA CLASS SURVEYOR PATHFINDER (ST 82135) IN ORBIT AROUND THE CLASS N PLANET PACIFICIA
Mike Wright (http://www.sci-fi-art.com)

THE DEFIANT CLASS ESCORT USS STARLORD (ET 74225) INVESTIGATES A WOLF-ryAT STAR

THE USS STORMBRINGER (ET 74851) ON PATROL
Pic-A-Card and Ed Giddings (http://picproductions.cjb.net)

STARSHIP ART CREDITS – VOLUME FOUR

ON FINAL
Andy Poulastides, Ralph Schoberth, Sarod, and Kristen (http://www.sci-fi-meshes.com)

GALAXY AND NEBULA CLASS STARSHIPS
Tom Bijl (http://www.sci-fi-art.com)

PROMETHEUS CLASS STARSHIPS
Unknown

TASK FORCE 74
Unknown (http://www.sci-fi-art.com)