**Foreword**

This book probably really started somewhere in the late 1970’s. Back then, I was a little tyke interested in the ‘gee whiz’ aspects of science fiction, particularly the ships and technology shown on *Star Trek* while it was in syndication. To whet my appetite even more, my uncle was a ‘fictional technology’ fan as well and had a large number of ‘Starship’ books, both official and not, from the early days of *Star Trek’s* fandom. Needless to say, I got into them an awful lot, much to his chagrin.

Of course, still as a little tyke, I was tracing the drawings from Franz Joseph’s *Technical Manual* and making new ship designs of my own. I didn’t know a thing about warp dynamics and all the other details now called ‘Treknology’. I simply wanted to make a lot of new ships and have fun drawing them.

Since that time, there’s been a number of new *Star Trek* television shows, countless fan publications, role-playing games, and other odds and ends that helped flesh out the *Trek* universe I grew up with. And, naturally, there were more ships the fuel my imagination. (Several of those ships appear here.)

So this book goes out to my uncle Mike, who was kind enough not only to put up with my getting into his cool things all the time, but for also encouraging me to dream and imagine, especially during those times I needed to look forward the most.

It also goes out to both the creators of *Star Trek*, and the many fans who joined into the spirit of the series and the universe it presented with their own creative works. Thank you to all of you for filling a young boy’s dreams.

*Neale Davidson, Jan 2005*

**Starship Design Credits**

Anton, Larson, Loknar, Mackenzie Classes: Dana Knutson for *Star Trek Role-Playing Game*, FASA, Inc.

Capella Class: Brian Pimenta for *Star Trek: Concordance*, Ballantine Books, Inc.

Cochise, Taurus Classes: Neale Davidson

Constitution Class: Matt Jefferies for *Star Trek*, Desilu Productions, Inc.

Decatur Class: Todd Guenther for *Starship Designs*

Hellespont Class: Steve Cole for *Star Fleet Battles*, Amarillo Press, Inc.


Miranda Class: Josep Jennings and Michael Minor for *Star Trek II: The Wrath of Khan*, Paramount Pictures, Ltd.

Surya Class: Aridas Sofia for *Ships of the Star Fleet*

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INTRODUCTION

I CANNOT HELP BUT RECOGNIZE A CERTAIN IRONY IN AUTHORIZING THIS GUIDE. AS CAPTAIN OF THE U.S.S. CONSTELLATION, I WAS VERY MUCH SADDENED TO LEARN THAT THE VENERABLE BATON ROUGE CLASS OF STARSHIP WAS NEARING THE END OF ITS STATUS AS ‘TOP OF THE LINE’. IT WAS DIFFICULT TO ACCEPT THAT THE SHIPS I HAD, TO THAT POINT, SERVED ABOARD WERE STARTING TO BE CONSIDERED ‘OBSOLETE’. AS A CREWMAN, AND MAYBE ESPECIALLY AS A CAPTAIN, YOU WILL GET AN ATTACHMENT TO EACH VESSEL THAT YOU SERVE ABOARD, AND IT CAN BE JUST AS HARD LEAVING A SHIP BEHIND AS A CLOSE RELATIVE OR OTHER LOVED ONE.


THIS MANUAL SERVES AS A BASIC GUIDE TO THIS ‘FIRST GENERATION’ OF TRUE FEDERATION STARSHIPS. ALONG WITH THE FAMOUS CONSTITUTION CLASS OF HEAVY CRUISER, THIS GUIDE DETAILS OTHER FEDERATION WORKHORSES WHICH SERVE ALONGSIDE HER. EACH OF THESE VESSELS, THOUGH GIVEN A SPECIFIC FLEET DESIGNATION, IS DESIGNED TO POTENTIALLY FILL A VARIETY OF ROLES. THESE ARE STARFLEET’S WORKHORSES, THE SHIPS THAT HAVE MADE BOTH THE FEDERATION AND STARFLEET THE RESPECTED POWERS THAT THEY ARE TODAY.

TO THOSE SERVING ABOARD THESE VESSELS, AND THOSE WHO LOOK FORWARD TO THEIR SERVICE, I WISH YOU THE LOVE FOR YOUR SHIPS THAT I HAD OF MINE. AND I MUST ADMIT TO A CERTAIN ENvy TO THOSE SERVING ABOARD THESE ‘SHIPS OF THE LINE’. GODSPEED ON YOUR QUEST FOR THE FEDERATION’S FUTURE.

ADMIRAL NOGURA
CHIEF OF OPERATIONS, STARFLEET
UNITED FEDERATION OF PLANETS
CLASS I DESTROYER
SALADIN CLASS STARSHIPS

CLASS NAME: SALADIN
CLASS DESIGNATION: DESTROYER, CLASS I
CLASS COMMISSION: 2251

COMPLEMENT (STD):
OFFICERS: 20
CREW: 180

DRIVE SYSTEM:
IMPULSE: FID-2 (75%)  
WARP: FWF-I, SINGLE (WF 5/7)

ARMAMENT (STD):
PHASERS: 3 BANKS/2 EACH, TYPE FH-3
TORPEDOES: 2 BANKS, TYPE FP-1

SUPPLEMENTAL CRAFT (STD):
CLASS H TRAVEL POD: 2

DIMENSIONS:
LENGTH: 242M  
BREADTH: 127M  
HEIGHT: 60M  
MASS (DEADWEIGHT): 95KMT

GENERAL INFORMATION
THE SALADIN CLASS WAS, IN THEORY, A 'PERFECT' LIGHT COMBAT SHIP. THE IDEA WAS TO TAKE THE SUCCESSFUL COMPONENTS OF THE CONSTITUTION CLASS SHIPS AND STRIP THEM DOWN TO A LIGHTER BUT STILL POTENT DESTROYER. AND, IN MANY WAYS, THE SALADIN DOES INDEED PERFORM MODERATELY WELL.

EARLY INTO THE CLASS'S PRODUCTION, HOWEVER, A POTENTIALLY SEVERE PROBLEM BEGAN TO MANIFEST. UNLIKE THE PREVIOUS-GENERATION ENGINES, THE FWF USED ON THE SALADIN WOULD GENERATE UNSTABILITY WHICH COULD LEAD TO ACCIDENTAL WORMHOLE EFFECTS IF PRESSED NEAR MAXIMUM OUTPUTS. EVEN THOUGH A SKILLED ENGINEER CAN COMPENSATE FOR THIS FLAW, THIS WAS STILL OBVIOUSLY NOT A SITUATION THAT A STARSHIP SHOULD HAVE DESPITE THIS FLAW, HOWEVER, THE POWER GENERATED BY THE FWF WAS STILL GREATER THAN ITS PREDECESSOR AND THE 'SAFE' WARP SPEEDS ALSO MATCHED OR SLIGHTLY BETTERED THE PREVIOUS GENERATION AS WELL.

THOUGH NOT AS STELLAR AS A PERFORMER AS HOPED, DUE TO THE INSTABILITY OF THE SINGLE FWF ENGINE, THE DESTROYER WAS PUT INTO HEAVY PRODUCTION TO SERVE AS NEEDED DEFENSE ALONG THE NEUTRAL ZONES AND ALONG TRADE ROUTES.
THE FOLLOWING SHIPS OF THE SALADIN CLASS DESTROYER HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLEET AS OF STARDATE 7505.00:

**USS SALADIN - NCC 500**
**USS JENGHIZ - NCC 501**
**USS DARIUS - NCC 502**
**USS ALARIC - NCC 503**
**USS SARGON - NCC 504**
**USS XERXES - NCC 505**
**USS POMPEY - NCC 506**

**USS KUBLAI - NCC 507**
**USS SULEIMAN - NCC 508**
**USS ETZEL - NCC 509**
**USS TAMEERLANE - NCC 510**
**USS ALEXANDER - NCC 511**
**USS HANNIBAL - NCC 512**
**USS AHRIMAN - NCC 513**

**USS RAHMAN - NCC 514**
**USS ADAD - NCC 515**
**USS HASHISHIYUN - NCC 516**
**USS AZRAEL - NCC 517**
**USS HAMILCAR - NCC 518**
**USS SHAITAN - NCC 519**

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR'S ANNOTATIONS

THE SALADIN FIRST APPEARED IN THE FRANZ JOSEPH TECHNICAL MANUAL AND WAS ENVISIONED AS A 'SMALL CRAFT USING COMPONENTS OF THE USS ENTERPRISE'. SHE WAS MEANT TO BE A SPIN-OFF DESIGN, SERVING IN A PURELY MILITARY ROLE AS A DESTROYER. THE SHIP CLASS HAS APPEARED BOTH IN THE FORM PRESENTED HERE, AND IN A "MOVIE-REFIT" FORM, IN NUMEROUS WORKS SINCE.

DESPITE ITS FAMILIARITY WITH THE FANS, THIS IS ONE OF THOSE SHIPS THAT GENE RODENBERRY DECLARED 'NON-CANON' BACK IN THE DAYS OF THE MOTION PICTURE. THE USE OF A SINGLE WARP ENGINE WAS CITED AS 'PROOF' THAT THE SHIP COULD NOT ACTUALLY EXIST, EVEN THOUGH MEMBERS OF THE CLASS ARE MENTIONED IN DIALOG IN THE MOTION PICTURE AND ITS SCHEMATICS APPEAR IN THREE OF THE FEATURE FILMS. THERE'S APPARENTLY SOME DISCONNECT HERE.

[AS AN ASIDE, THE 'RULES' THAT RODENBERRY WAS CITING WERE OF HIS OWN INVENTION, MADE CONSIDERABLY AFTER A GOOD AMOUNT OF OFFICIAL MATERIAL WAS PUBLISHED ABOUT STARSHIPS. TO MANY, THESE NEW 'RULES' SEEMED MUCH MORE AN ATTEMPT TO TAKE BACK THE TECHNOLOGY IN TREK, RATHER THAN ANY REAL THOUGHT-OUT EFFORT AS TO HOW SHIPS WOULD WORK.]

AND ASSUMES THAT, FOR WHATEVER REASON, THE FWF-1 HAS PROBLEMS WHEN USED AS A SINGLE ENGINE CONFIGURATION. THE TWO LATER "BATCHES", THE SIVA AND THE COCHISE CLASSES, HAVE DIFFERENT CONFIGURATIONS WHICH GET AROUND THIS PROBLEM.

THIS GUIDE USES ONLY THE FIRST "BATCH" FROM THE TECHNICAL MANUAL AS MEMBERS OF THE SALADIN CLASS.
### Class I Torpedo Destroyer

**Class Name:** Cochise  
**Class Designation:** Torpedo Destroyer, Class I  
**Class Commission:** 2253  
**Complement (STD):**  
  - Officers: 20  
  - Crew: 180  

**Drive System:**  
- Impulse: FID-2 (7.5c)  
- Warp: FWF-I. Tandem, (WF 6/8)  

**Armament (STD):**  
- Phasers: 4 Banks/2 Each, Type FH-3  
- Torpedoes: 1 Banks, Type FP-1  
- Torpedoes: 2 Banks, Type FP-3  

**Supplemental Craft (STD):**  
- Class H Travel Pod: 2  

**Dimensions:**  
- Length: 234M  
- Breadth: 127M  
- Height: 60M  
- Mass (Deadweight): 145KMT

### General Information

The Cochise class is, admittedly, a bit of a rushed design on the part of Starfleet. With the disappointment of the lone FWF engine, and the relative lack of 'punch' the Saladin carried, a new destroyer design was hastily ordered in an effort to bolster the Starfleet's tactical capacity.  

Launched in 2253, the Cochise was designed to address these issues while keeping the same basic concept of the Saladin in mind. She makes use of the more-standard two engine layout, as well the FP-3 weapons pod more commonly found on the Miranda Class.  

The Cochise has served well in her deployments, heavily outpacing the Saladin and delivering an offensive wallop that gives even Klingon heavy cruisers some pause. Of course, this does come at a dramatically increased cost and build time for each Cochise class destroyer when compared to the 'easily affordable' Saladin.  

It has been suggested more than once that a refit upgrade for previously-built Saladin class vessels into the Cochise configuration should be put into works, but the relative cost makes this unlikely.
CLASS I TORPEDO DESTROYER
AUTHORIZED CONSTRUCTION

THE FOLLOWING SHIPS OF THE COCHISE CLASS TORPEDO DESTROYER HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION
STAR FLEET AS OF STARDATE 7505.00:

USS COCHISE - NCC 530*
USS ALVA - NCC 531
USS PONTIAC - NCC 532
USS NEY - NCC 533
USS EL CID - NCC 534

USS GERONIMO - NCC 535
USS CORTEZ - NCC 536**
USS ALVARADO - NCC 537
USS DE RUYTER - NCC 538

USS HEKTOR - NCC 720
USS LYSANDER - NCC 721
USS DRAKE - NCC 722+
USS APPOLLYON - NCC 723+

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR’S ANNOTATIONS
THE ORIGINAL COCHISE APPEARED IN THE TECHNICAL MANUAL
AS A POTENTIAL REFIT DESIGN OF THE SALADIN CLASS OF DESTROYER, THOUGH NO ARTWORK WAS GIVEN. THERE HAVE
BEEN MANY, MANY DIFFERENT VARIATIONS ON THE SALADIN TO MAKE THIS SHIP BY VARIOUS FAN WORKS, BUT THERE
HASN’T BEEN A SOLID CONSENSUS TO USE FOR WHAT THIS SHIP MAY ACTUALLY LOOK LIKE.

THE DESIGN USED HERE IS ACTUALLY BASED ON A KITBASH
USED FOR DEEP SPACE NINE, THOUGH THAT SHIP WAS OF THE
MOVIE-ERA DESIGNS. THAT SHIP WAS CLEARLY A DESTROYER,
MOUNTING A MIRANDA-STYLE WEAPONS POD BETWEEN TWO
WARP ENGINES. WHILE BEING ANOTHER “TREK-BASH” USED
FOR THE SERIES, THE SHIP DID MAKE SENSE AS A COCHISE
DESTROYER VARIANT.

WHAT’S PRESENTED HERE IS A ‘RETRO-GRADED’ SHIP BASED ON
THE SHIP DESIGN SHOWN IN DEEP SPACE NINE. THE WEAP-
ONS POD COMES FROM THE MIRANDA SHOWN IN THIS GUIDE,
AND, OF COURSE, THE OTHER COMPONENTS ARE BASED ON
THE ORIGINAL SERIES’ ENTERPRISE.

THE SHIP NAMES AND REGISTRIES ARE FROM THE STAR TREK
TECHNICAL MANUAL, USING THE BULK OF THOSE SHIPS DE-
CLAIMED FOR THE COCHISE VARIANT OF THE SALADIN CLASS.
CLASS NAME: HERMES
CLASS DESIGNATION: SCOUT, CLASS I
CLASS COMMISSION: 2250

COMPLEMENT (STD):
   OFFICERS: 20
   CREW: 175

DRIVE SYSTEM:
   IMPULSE: FID-2 (.75c)
   WARP: FWF-I, SINGLE, (WF 5/7)

ARMAMENT (STD):
   PHASERS: 8 BANKS/2 EACH, TYPE FH-3
   TORPEDOES: NONE

SUPPLEMENTAL CRAFT (STD):
   CLASS H TRAVEL POD: 2

DIMENSIONS:
   LENGTH: 242M
   BREADTH: 127M
   HEIGHT: 60M
   MASS (DEADWEIGHT): 95KMT

GENERAL INFORMATION
THE HERMES CLASS MAY BE A MODEL EXERCISE IN OPTIMISM, DESIGNED MORE TO PLACATE CERTAIN MEMBER WORLDS OF THE FEDERATION. WITH THE "CONSTITUTION PROJECT" SEEN AS TOO MILITARISTIC, STAR FLEET WAS ORDERED TO CREATE A DEDICATED EXPLORER WITH THE NEWEST TECHNOLOGIES TO FULFILL AS PURELY "SCIENTIFIC EXPLORATION ROLE". THE RESULT WAS THE SOMEWHAT ILL-CONCEIVED HERMES CLASS.

THOUGH THE HERMES CLASS BOASTS THE SENSOR CAPABILITIES OF THE CONSTITUTION CLASS, HER LIGHT ARMAMENT AND PROBLEMATIC USE OF A SINGLE FWF-1 ENGINE SYSTEM LEAVE HER EXTREMELY VULNERABLE IN THE FIELD. WHILE EFFECTIVE AT STELLAR CARTOGRAPHY AND SCIENTIFIC WORK, SEVERAL HERMES CLASS SHIPS WERE LOST EARLY IN THEIR CAREER, CAUSING STAR FLEET TO RETHINK THEIR USE.

THE REMAINING SCOUTS SERVE LARGELY WITHIN LARGER TASK FORCES OR IN 'SAFE ZONES', RESIGNED LARGELY TO SCIENTIFIC WORK OR ACTING AS LEAD 'SCOUTS' WITH OTHER, MORE HARDY SHIPS IN TOW.

THE HERMES CLASS WAS DECLARED "COMPLETE" IN 2259, REPLACED BY A VARIETY OF OTHER DESIGNS. DESPITE THE HARDSHIPS, IT'S HOPED THAT AN UPGRADED VERSION IN 2272 MAY GIVE THE UNDERPOWERED DESIGN A REPRIEV WITH MORE ENHANCED, AND CAPABLE, TECHNOLOGY.
THE FOLLOWING SHIPS OF THE HERMES CLASS SCOUT HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLOTILLA AS OF STARDATE 7505.00:

- USS HERMES - NCC 585
- USS ANUBIS - NCC 586
- USS ECHO - NCC 587
- USS AEOLUS - NCC 588
- USS DIANA - NCC 589
- USS QUINTILLUS - NCC 590
- USS BRIDGER - NCC 591
- USS CARSON - NCC 592
- USS BATIDOR - NCC 593
- USS CODY - NCC 594
- USS REVERE - NCC 595
- USS SPOKE - NCC 596
- USS BOWIE - NCC 597
- USS SACAJAWEA - NCC 598
- USS TONTI - NCC 599
- USS CROCKETT - NCC 600

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR’S ANNOTATIONS

THE HERMES FIRST APPEARED IN THE FRANZ JOSEPH TECHNICAL MANUAL AND WAS ENVISIONED AS A “SCOUT CLASS” SHIP. SHE HAD THE SAME PRIMARY HULL AND WARP ENGINES AS THE CONSTITUTION CLASS, BUT WAS BARELY ARMED. THE VISUAL REPRESENTATION FROM THE TECHNICAL MANUAL, USED MANY TIMES IN OTHER FAN-BASED WORKS, IS THE ONE USED HERE.

DESPITE ITS FAMILIARITY WITH THE FANS, THIS IS ONE OF THOSE SHIPS THAT GENE RODENBERRY DECLARED ‘NON-CANON’ BACK IN THE DAYS OF THE MOTION PICTURE. THE USE OF A SINGLE WARP ENGINE WAS CITED AS ‘PROOF’ THAT THE SHIP COULD NOT ACTUALLY EXIST. THIS FLIES IN THE FACE THAT THE USS REVERE IS MENTIONED BY NAME, TYPE, AND REGISTRY IN THE MOTION PICTURE, AND HER SCHEMATICS SHOWN ON SCREEN AS WELL.

THIS GUIDE USES ONLY THE FIRST ‘BATCH’ FROM THE TECHNICAL MANUAL AS MEMBERS OF THE HERMES CLASS, AND ASSUMES THAT, FOR WHATEVER REASON, THE FWF-1 HAS PROBLEMS WHEN USED AS A SINGLE ENGINE CONFIGURATION.

THIS GUIDE IS A LITTLE TOUGH ON THE HERMES, BUT IT’S HARD TO RECONCILE THIS SHIP GOING OUT ONTO THE FRONTIER WHILE BARELY ARMED, UNDERPOWERED, AND ONLY HAVING A REALLY GOOD SENSOR SUITE TO ITS ADVANTAGE.
CLASS I SURVEYOR
CAPELLA CLASS STARSHIPS

CLASS NAME: CAPELLA
CLASS DESIGNATION: SURVEYOR, CLASS I
CLASS COMMISSION: 2249

COMPLEMENT (STD):
  OFFICERS: 20
  CREW: 60

DRIVE SYSTEM:
  IMPULSE: FID-2 (.75C)
  WARP: FWF-IS, TANDEM, (WF 5/7)

ARMAMENT (STD):
  PHASERS: 1 BANKS/2 EACH, TYPE FH-3

SUPPLEMENTAL CRAFT (STD):
  CLASS F SHUTTLECRAFT: 2
  CLASS HF SHUTTLECRAFT: 1
  CLASS AF SHUTTLECRAFT: 1
  CLASS H TRAVEL POD: 2

DIMENSIONS:
  LENGTH: 218M
  BREADTH: 98M
  HEIGHT: 55M
  MASS (DEADWEIGHT): 98KMT

GENERAL INFORMATION
THE CAPELLA’S DESIGN BEGAN LIFE AS A LATE BATON ROUGE CONTEMPORARY BUT SAW A MINOR REDESIGN SHORTLY BEFORE THE CLASS WAS TO BE LAUNCHED.Fortunately, THE SURVEY SHIP ONLY REQUIRED A SLIGHT REWORK OF HER DESIGN TO ACCOMODATE THE NEW ENGINES AND STANDARDIZED ‘SAUCER’ COMPONENTS NOW FAMILIAR ON STARSHIPS.

THE CAPELLA WAS LAUNCHED IN 2249 TO BEGIN A MAJOR STELLAR CARTOGRAPHY PROJECT FOR THE YOUNG FEDERATION. AS ENVISIONED, THE SHIPS WOULD CHART THE SYSTEMS WITHIN ‘CLAIMED’ FEDERATION AND EXPLORATION SPACE, LARGELY OUT OF THE REACH OF HOSTILE VESSELS.

SINCE THAT TIME, THE CAPELLA CLASS CRAFT ALSO ENJOYED SUCCESS AS LONG-DURATION SCIENTIFIC VESSELS.

A CAPELLA’S SMALL CREWS ARE WELL EQUIPPED AND OFTEN MAY SPEND WEEKS OR MONTHS AWAY FROM A FACILITY AS THEY EMBARK ON THEIR RESEARCH MISSIONS.

IN ADDITION TO THE ‘DEDICATED FLEET’ VESSELS LISTED, A NUMBER OF RESERVIST SHIPS HAVE BEEN BUILT AND ARE OFTEN EMPLOYED BY THE CIVILIAN SCIENTIFIC COMMUNITY. THOUGH THESE VESSELS MAY BE CALLED BACK FOR A MILITARY-RELATED MISSION IF THE SITUATION WARRANTS, NO CAPELLA-CLASS SURVEYOR HAS BEEN RECALLED FOR LINE DUTY.
# Class I Surveyor

The following ships of the Capella Class Surveyor have been authorized as part of the Federation Star Fleet as of Stardate 7505.00:

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<td>USS Gratia - NCC 714</td>
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<td>USS Darshak - NCC 707**</td>
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* Class Ship, ** Lost in the Line of Duty, + Under Construction as of Stardate 7505.00

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**Editor’s Annotations**

The design comes from Bjo Trimble’s *Star Trek Concordance* which was created with great amount of insider knowledge on the original series. The design shown here is based on Brian Pimenta’s intended design for the ship’s model. Sadly, due to budget constraints, the model was never built, and the USS Antares is never shown on screen.

The visual design here takes the original and cleans it up a bit, adding some components found on other original series’ designs.

This doesn’t end the class’s woes, however. The script for ’Charlie X’ lists the Antares as a Surveyor, Scout, and Freighter at various points. Obviously, we weren’t supposed to pay too much attention to the details of this ill-fated ship.

The name Antares refers to a Navy supply vessel that served at Pearl Harbor at the onset of World War II. Ships of its type were supposed to be named after WWII-era Auxiliary Ships, which is the reasoning used here.

For its part, the *Star Trek Encyclopedia* gives the vessel the registry of NCC-501, but there’s no basis for such a number, and it conflicts with the on...
CLASS NAME: HELLESPONT
CLASS DESIGNATION: FAST DESTROYER, CLASS I
CLASS COMMISSION: 2263

COMPLEMENT (STD):
  OFFICERS: 22
  CREW: 45

DRIVE SYSTEM:
  IMPULSE: FID-2 (.75C)
  WARP: FWF-IS, TRIPLE, (WF 6/8)

ARMAMENT (STD):
  PHASERS: 4 BANKS/2 EACH, TYPE FH-3
  TORPEDOES: 1 BANKS, TYPE FP-I

SUPPLEMENTAL CRAFT (STD):
  CLASS H TRAVEL POD: 2

DIMENSIONS:
  LENGTH: 195M
  BREADTH: 95M
  HEIGHT: 68M
  MASS (DEADWEIGHT): 85KMT

GENERAL INFORMATION

IN THEORY, THE HELLESPONT WAS SUPPOSED TO BE MORE OF A VARIABLE MISSION CRAFT, BUT HER OBVIOUS FIGHTING SKILLS AND OTHERWISE SPARTAN ACCOMMODATIONS HAVE HAMPERED HER ABILITY TO DO MUCH MORE THAN PATROL DUTY AND QUICK DEFENSE. INDEED, THIS SEEMS TO BE TAKEN TO HEART, AS THE HELLESPONT IS, MORE AND MORE, BEING ASSIGNED INTO PURELY MILITARY ROLES RATHER THAN ‘VARIABLE MISSIONS’.

THE DESIGN OF THE SHIP, MAKING USE OF A THIRD FWF-1S ENGINE, DOES HAVE SOME OF THE STABILITY PROBLEMS FOUND ON SINGLE-FWF DESIGNS, THOUGH NOT QUITE AS PROBLEMATIC. THE EXTRA ENGINE LARGELY SERVES TO PROVIDE POWER FOR HER WEAPONS SYSTEMS, WHILE PROVIDING A MARGINAL BOOST TO HER WARP CAPABILITY, BRINGING HER UP TO A ‘SAFE’ SPEED OF WARP 6.
**CLASS I FAST DESTROYER**

AUTHORIZED CONSTRUCTION

The following ships of the Hellespont class fast destroyer have been authorized as part of the Federation Star Fleet as of StarDate 7505.00:

<table>
<thead>
<tr>
<th>Ship Name</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>USS Hellespont</td>
<td>NCC 880*</td>
</tr>
<tr>
<td>USS Perseus</td>
<td>NCC 881</td>
</tr>
<tr>
<td>USS Circe</td>
<td>NCC 882</td>
</tr>
<tr>
<td>USS Aegus</td>
<td>NCC 883</td>
</tr>
<tr>
<td>USS Nereus</td>
<td>NCC 884</td>
</tr>
<tr>
<td>USS Atalanta</td>
<td>NCC 885**</td>
</tr>
<tr>
<td>USS Europa</td>
<td>NCC 886</td>
</tr>
<tr>
<td>USS Achaia</td>
<td>NCC 887</td>
</tr>
<tr>
<td>USS Tyrins</td>
<td>NCC 888</td>
</tr>
<tr>
<td>USS Troizen</td>
<td>NCC 889**</td>
</tr>
<tr>
<td>USS Athena</td>
<td>NCC 890</td>
</tr>
<tr>
<td>USS Amphitrite</td>
<td>NCC 891</td>
</tr>
<tr>
<td>USS Antietam</td>
<td>NCC 892</td>
</tr>
<tr>
<td>USS Caenis</td>
<td>NCC 893**</td>
</tr>
<tr>
<td>USS Artemis</td>
<td>NCC 894</td>
</tr>
<tr>
<td>USS Aeetes</td>
<td>NCC 895</td>
</tr>
<tr>
<td>USS Acheron</td>
<td>NCC 896+</td>
</tr>
<tr>
<td>USS Medea</td>
<td>NCC 897+</td>
</tr>
<tr>
<td>USS Scylla</td>
<td>NCC 898+</td>
</tr>
<tr>
<td>USS Charybdis</td>
<td>NCC 899+</td>
</tr>
</tbody>
</table>

* Class ship, ** Lost in the line of duty, + Under construction as of StarDate 7505.00

**EDITOR’S ANNOTATIONS**

The Hellespont’s name was taken from Steve Long’s Spacedock Supplement, though the ship described there was of a different configuration than the one presented here. Only the role of ‘Destroyer’ was in common.

The actual ship design, instead came from Star Fleet Battles and was one of the more popular designs unique to that game. The only downside was that little was detailed about the class outside of its combat capabilities, even what class the fast destroyer really was! This time, most of the other ‘leg-work’ had to be woven from whole cloth.

The Hellespont ship names were taken from various Greek mythological stories.

The visual design is largely just as she appeared in the Star Fleet Battles game, with some detailing differences, particularly in the aft ‘wing’ section.
CLASS I HEAVY DESTROYER
LARSON CLASS STARSHIPS

CLASS NAME: LARSON ‘STARSHIP’
CLASS DESIGNATION: HEAVY DESTROYER, CLASS I
CLASS COMMISSION: 2248

COMPLEMENT (STD):
OFFICERS: 25
CREW: 180

DRIVE SYSTEM:
IMPULSE: FID-2 (.75C)
WARP: FWF-I, SINGLE, (WF 5/7)

ARMAMENT (STD):
PHASERS: 3 BANKS/2 EACH, TYPE FH-3
TORPEDOES: 1 BANK, TYPE FP-I

SUPPLEMENTAL CRAFT (STD):
CLASS H TRAVEL POD: 2

DIMENSIONS:
LENGTH: 276M
BREADTH: 132M
HEIGHT: 84M
MASS (DEADWEIGHT): 115KMT

GENERAL INFORMATION
THE LARSON IS AN EARLIER CONSTITUTION-CLASS STYLE OF DESIGN MEANT TO SUPPLEMENT THE MILITARY NEEDS OF STARFLEET. AS WITH THE HERMES, IT WAS DECIDED TO GIVE THE SHIP ONLY ONE ENGINE TO SAVE ON COST AS WELL AS KEEP THE SHIP “LIGHT”. A SECOND ENGINE WASN’T FELT NEEDED FOR A SHIP WITHOUT A SECONDARY HULL. SHE IS, HOWEVER, VERY HEAVILY ARMED FOR HER SIZE.


SHIPS OF THE CLASS HAVE BEEN PRESENT AT MOST MAJOR MILITARY ENCOUNTERS SINCE THEIR LAUNCH IN 2248. IN PARTICULAR, THEY GAINED NOTORIETY IN ALL BUT ERADICATING AN TZeNKETHI RAIDING FLEET IN SHORT ORDER. THE TZEKETHI HAVE SINCE RE-EVALUATED THEIR STRATEGIES IN THE WAKE OF THEIR DEFEATS.
## Class 1 Heavy Destroyer

**Authorized Construction**

The following ships of the Larson class heavy destroyer have been authorized as part of the Federation star fleet as of Stardate 7505.00:

<table>
<thead>
<tr>
<th>Ship Name</th>
<th>Registry Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>USS Larson</td>
<td>NCC 1400*</td>
</tr>
<tr>
<td>USS Midway</td>
<td>NCC 1401</td>
</tr>
<tr>
<td>USS Tannenburg</td>
<td>NCC 1402</td>
</tr>
<tr>
<td>USS Trafalgar</td>
<td>NCC 1403**</td>
</tr>
<tr>
<td>USS Theenth</td>
<td>NCC 1404</td>
</tr>
<tr>
<td>USS Waterloo</td>
<td>NCC 1405</td>
</tr>
<tr>
<td>USS Borodino</td>
<td>NCC 1406</td>
</tr>
<tr>
<td>USS Austerlitz</td>
<td>NCC 1407</td>
</tr>
<tr>
<td>USS Normandy</td>
<td>NCC 1408</td>
</tr>
<tr>
<td>USS Marathon</td>
<td>NCC 1409</td>
</tr>
<tr>
<td>USS Pharsalus</td>
<td>NCC 1410</td>
</tr>
<tr>
<td>USS Crecy</td>
<td>NCC 1411**</td>
</tr>
<tr>
<td>USS Poitiers</td>
<td>NCC 1412</td>
</tr>
<tr>
<td>USS Agincourt</td>
<td>NCC 1413</td>
</tr>
<tr>
<td>USS Blenheim</td>
<td>NCC 1414</td>
</tr>
<tr>
<td>USS Torgau</td>
<td>NCC 1415</td>
</tr>
<tr>
<td>USS Eylau</td>
<td>NCC 1416</td>
</tr>
<tr>
<td>USS Marathon</td>
<td>NCC 1409</td>
</tr>
<tr>
<td>USS Leyte</td>
<td>NCC 1417</td>
</tr>
<tr>
<td>USS Leipzig</td>
<td>NCC 1418</td>
</tr>
<tr>
<td>USS Beuna Vista</td>
<td>NCC 1419</td>
</tr>
<tr>
<td>USS Poitiers</td>
<td>NCC 1412</td>
</tr>
<tr>
<td>USS Garbo</td>
<td>NCC 1420</td>
</tr>
<tr>
<td>USS Catini</td>
<td>NCC 1421</td>
</tr>
<tr>
<td>USS Gallipoli</td>
<td>NCC 1422+</td>
</tr>
<tr>
<td>USS Jutland</td>
<td>NCC 1423+</td>
</tr>
</tbody>
</table>

* Class ship, ** Lost in the line of duty, + Under construction as of Stardate 7505.00

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**Editor’s Annotations**

The Larson is one of FASA’s most recognizable ship designs, dating back to the first edition of their role-playing game. Like the Loknar frigate, she was meant to be a ‘good Federation ship’ that characters could serve aboard if they don’t manage to wrangle themselves a Constitution-class placement. It was basically the ‘second runner up’ as far as their character generation rules went.

Like with other licensed products, the Larson is ‘official’ but not ‘canon’. It never appeared on screen, and isn’t officially mentioned by Paramount Productions. Despite this, it remains a very recognizable ship for many fans who fondly remember FASA’s early role-playing and starship combat games.

The ships given here are taken from FASA’s lists, but the registries of the vessels are toned down to reflect a more contemporary view of the fleet. There were many ships of this class listed in the game, and many more in further supplements, but the view taken here is of a more modest fit of twenty-four vessels.

Visually, the only real differences presented here are a few more added details and texturing, and the presence of a deflector dish, notably missing from the FASA version. Star Trek makes it pretty clear that deflector dishes were required components of Federation ships. It doesn’t explain why some movie-era ships don’t have them, though.
CLASS NAME: ANTON 'STARSHIP'
CLASS DESIGNATION: HEAVY FRIGATE, CLASS 1
CLASS COMMISSION: 2246

COMPLEMENT (STD):
  OFFICERS: 43
  CREW: 215

DRIVE SYSTEM:
  IMPULSE: FID-2 (75C)
  WARP: FWF-1, TANDEM, (WF 6/8)

ARMAMENT (STD):
  PHASERS: 3 BANKS/2 EACH, TYPE FH-3
  TORPEDOES: 1 BANK, TYPE FP-1

SUPPLEMENTAL CRAFT (STD):
  CLASS F SHUTTLECRAFT: 2
  CLASS HF SHUTTLECRAFT: 1
  CLASS AF SHUTTLECRAFT: 1
  CLASS H TRAVEL POD: 2

DIMENSIONS:
  LENGTH: 242M
  BREADTH: 155M
  HEIGHT: 56M
  MASS (DEADWEIGHT): 160KMT

GENERAL INFORMATION
The ANTON class, originally, was designed as a heavy cruiser backup for the venerable BATON ROUGE design. The approval process for the ship kept getting delayed, with each delay causing the determined designers to revisit the design and update it to the newest specifications.

In 2235, the class was actually formally approved, but was delayed before construction could begin pending the results of the new FWF-1 engines. It would be eleven years before the ship class was finally launched, with the intended cruiser now filling a heavy frigate role.

Though effective as a frigate, the ANTON never seemed to be popular with her crews, and rumors of a 'curse' about the ships' design kept circulating for years. Despite this, however, the ANTON's overall design for a frigate would remain even after the class construction was declared 'complete'. The SURYA and MIRANDA classes owe much to the ANTON.
**Class I Heavy Frigate**

**Authorized Construction**

The following ships of the Anton class heavy frigate have been authorized as part of the Federation Star Fleet as of Stardate 7505.00:

- USS Anton - NCC 1500*
- USS Anderson - NCC 1501
- USS Hammann - NCC 1502**
- USS Hughes - NCC 1503
- USS Simes - NCC 1504
- USS Mustin - NCC 1505**
- USS Russell - NCC 1506
- USS O'Brien - NCC 1507
- USS Walke - NCC 1508
- USS Mustin - NCC 1505**
- USS Hull - NCC 1509
- USS Russell - NCC 1506
- USS O'Brien - NCC 1507
- USS Gunin - NCC 1511

* Class Ship, ** Lost in the Line of Duty, + Under Construction as of Stardate 7505.00

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**Editor’s Annotations**

When the Wrath of Khan came out, there was an immediate curiosity on the part of many fans to imagine what the Reliant looked like during the original series. Fasa, who had the rights to the role-playing game at the time, took the concept and eventually came up with the Anton.

As she appeared in Fasa’s Federation Recognition Manual, the Anton was an odd cross between a ‘movie-era’ refit hull, a ‘series-era’ warp drive, and a brick. The idea wasn’t too bad, but the artwork just didn’t mesh with what was being presented. The version here is a ‘cleaned up’ version, focusing on the ‘series’ aspects, as well as redoing some lines to bring her more into the same design aesthetic.

The Fasa back-story had the Anton be directly refit to the Reliant specifications (Miranda, in this case) rather than go that route, this assumes that the Anton’s design lessons were taken to heart and put into the Surya and Miranda when they were commissioned. The Anton herself is a retired class which won’t see life after the movie-era refits.
**Class I Cruiser**

**Taurus Class Starships**

<table>
<thead>
<tr>
<th>Class Name: Taurus ‘Starship’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Designation: Cruiser, Class I</td>
</tr>
<tr>
<td>Class Commission: 2252</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Complement (STD):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Officers: 43</td>
</tr>
<tr>
<td>Crew: 212</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drive System:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impulse: FID-2 (7.5c)</td>
</tr>
<tr>
<td>Warp: FWF-I, Tandem (WF 6/8)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Armament (STD):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phasers: 4 Banks/2 Each, Type FH-3</td>
</tr>
<tr>
<td>Torpedoes: 1 Bank, Type FP-I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supplemental Craft (STD):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class F Shuttlecraft: 4</td>
</tr>
<tr>
<td>Class HF Shuttlecraft: 2</td>
</tr>
<tr>
<td>Class AF Shuttlecraft: 2</td>
</tr>
<tr>
<td>Class H Travel Pod: 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length: 276M</td>
</tr>
<tr>
<td>Breadth: 127M</td>
</tr>
<tr>
<td>Height: 8M</td>
</tr>
<tr>
<td>Mass (Deadweight): 172KMT</td>
</tr>
</tbody>
</table>

**General Information**

The Taurus may just be proof of the old adage, ‘It doesn’t have to be pretty to work’. Despite largely being a rearrangement of Constitution-Class components, the Taurus seems to elicit more of a groan in spacedock rather than a sense of awe. Judging this ship by its looks, however, isn’t exactly fair.

The ship is a solid performer, particularly in a military patrol role. Her combat capabilities make her a match for most adversaries’ cruisers, and she has enjoyed a relatively high success rate in confrontations. Most ships of the class are assigned in defense-oriented task-forces.

The design has some limitations, however, primarily found in the awkward layout of engineering. Several attempts to ‘streamline’ this awkwardness have done nothing but project cost overruns and other difficulties.

Being both unattractive and somewhat awkward in some key components, the class has been placed as ‘complete’, meaning that no new ships will be built of this type. Despite the Taurus hitting the end of her career, she remains a formidable cruiser, a fact not lost on Klingons who find her a lot more beautiful than her own crews.
AUTHORIZED CONSTRUCTION

THE FOLLOWING SHIPS OF THE TAURUS CLASS CRUISER HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLEET AS OF STARDATE 7505.00:

- USS TAURUS - NCC 1558*
- USS OBRIA - NCC 1559
- USS ROMA - NCC 1560
- USS TIRRENIA - NCC 1561**
- USS SNELLING - NCC 1562
- USS CASA GRANDE - NCC 1563**
- USS TAI SHAN - NCC 1564
- USS TABORFJELL - NCC 1565
- USS STRACHAN - NCC 1566
- USS BROVIG - NCC 1567
- USS GALLIA - NCC 1568
- USS WYVERN - NCC 1569
- USS TAI SHAN - NCC 1565

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR’S ANNOTATIONS

THE TAURUS NEVER ACTUALLY APPEARED ANYWHERE EXCEPT AS A TECH DESCRIPTION FOR STEVE LONG’S SPACEDOCK. IN THAT GUIDE, THE SHIP IS DESCRIBED AS SHOWN, WITH AN ENGINEERING HULL STUCK BEHIND THE PRIMARY HULL, WITH WARP NACELLES COMING DOWN UNDERNEATH.

WHEN DRAWING IT, IT WAS VERY DIFFICULT TO BALANCE OUT ITS LOOK. THE CONNECTION BETWEEN HULLS WAS DIFFICULT, AND THE ENGINES WOULD NEVER LOOK LESS THAN AWKWARD. [EVEN MORE SO THAN HERE].

I HAD CONSIDERED DITCHING THE TAURUS TOGETHER, BUT IT WAS ONE OF ONLY A FEW SHIPS FEATURED UNIQUELY TO SPACEDOCK, A GUIDE WHICH I STRONGLY WANTED TO RECOGNIZE.

A PARTIAL SOLUTION WOULD COME FROM JOHN PAYNE OF INPAYNE STARSHIPS, AND HIS TRIUMPH CLASS. HIS KIT-BASHED MODEL ALREADY ADDRESSED A LOT OF THE TAURUS’S DESCRIPTION, THOUGH IT WASN’T THE MOST ATTRACTIVE OF STARSHIPS. I DECIDED TO TAKE HIS IDEA AND APPLY IT MORE DIRECTLY TO THE TAURUS, AND THE RESULT IS WHAT’S SHOWN HERE.

THE TAURUS, THEN, IS BASICALLY JOHN’S TRIUMPH CLASS WITH A “REGULAR” PRIMARY HULL AND WITHOUT THE ADDITIONAL WARP ENGINE ATOP IT. IT WORKS, MORE OR LESS.

IN REALITY, AT LEAST AS ‘REAL’ AS THE STAR TREK UNIVERSE GETS, THERE ARE PROBABLY A LOT OF AWKWARD AND UN-AESTHETIC DESIGNS OUT THERE. OF COURSE, THEY’LL NEVER GET MUCH SCREEN TIME.
**CLASS I FRIGATE**

**LOKNAR CLASS STARSHIPS**

<table>
<thead>
<tr>
<th>CLASS NAME: LOKNAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS DESIGNATION: FRIGATE, CLASS I</td>
</tr>
<tr>
<td>CLASS COMMISSION: 2259</td>
</tr>
</tbody>
</table>

**COMPLEMENT (STD):**
- OFFICERS: 32
- CREW: 145

**DRIVE SYSTEM:**
- IMPULSE: FID-2 (.75C)
- WARP: FWF-I, TANDEM, (WF 6/8)

**ARMAMENT (STD):**
- PHASERS: 3 BANKS/2 EACH, TYPE FH-3
- TORPEDOES: 1 BANK, TYPE FP-1

**SUPPLEMENTAL CRAFT (STD):**
- CLASS H TRAVEL POD: 2

**DIMENSIONS:**
- LENGTH: 288M
- BREADTH: 127M
- HEIGHT: 76M
- MASS (DEADWEIGHT): 142KMT

**GENERAL INFORMATION**

Though technically 'Earth-Borne' in design, the Loknar represented the first major integrated fleet design with large input from Andorians. The Andorians, not wanting to be unprepared against new aggressors, or repeated Klingon aggression, wanted a warhorse ship within the Federation fleet. It was also no secret that the Andorian defense fleet ships were falling behind the times as well (though roughly equivalent to Baton Rouge-style ships), and Andor therefore was even more eager to get an updated class of frigate for their own defense.

The Andorian argument won out, and their input both in design and purpose created one of the most widely-accepted designs in Starfleet. The Loknar is a proven ship, not only in her role as a defense-action frigate, but also in a variable mission capacity.

Like her cousin, the Constitution-class, the Loknar's performance proved so great through her career that she has been scheduled for refits and refit-specification builds starting in 2271.
# Class I Frigate

Authorized Construction

The following ships of the Loknar class frigate have been authorized as part of the Federation Star Fleet as of StarDate 7505.00:

- USS Loknar - NCC 1640*
- USS Ahkeil - NCC 1641
- USS Vernol - NCC 1642
- USS Tarntis - NCC 1643++
- USS Alexandretta - NCC 1644
- USS Morgan City - NCC 1645
- USS Troy - NCC 1646++
- USS Farside - NCC 1647
- USS New America - NCC 1648
- USS Kosk - NCC 1649
- USS Borga - NCC 1650
- USS Peking - NCC 1651
- USS Epcot - NCC 1652
- USS Aldebaran - NCC 1653
- USS Argus City - NCC 1654++
- USS Yorkshire - NCC 1655
- USS Boirdi - NCC 1656
- USS New Corinth - NCC 1657
- USS Kyoto - NCC 1658
- USS Petrograd - NCC 1659

* Class ship, ** lost in the line of duty, ++ under construction as of StarDate 7505.00

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**Editor’s Annotations**

Easily one of FASA’s most popular ship designs, the Loknar was presented as a capable battle-ready frigate. As opposed to the “you have to be special to be on a Connie”, the Loknar was supposed to be the good ship that most Federation officers could get if they tried. The character generation rules of the game reinforced this to a degree as well. Most Federation officers would never see service aboard a Connie, but the Loknar was a very good “close second”.

While the FASA design is “official”, it’s not “canon” in that it never appears on screen anywhere (unlike a few other oddball FASA designs). It is, however, probably one of those most recognizable “Original Trek” ships out there, aside from those in Franz Joseph’s Technical Manual.

The ships are taken from FASA’s lists, but the registries of the vessels are toned down to reflect a more contemporary view of the fleet. Originally, over 120 ships of this class were listed, but the view taken here is of a more modest fit of twenty vessels.

Visually, the only real differences presented here are a few more added details and texturing, and the presence of a deflector dish, notably missing from the FASA version. Star Trek makes it pretty clear that deflector dishes were required components of Federation ships. It doesn’t explain why some movie-era ships don’t have them, though.

One oddity not lost on Starship fans is that the Loknar looks pretty familiar these days as the inspiration for the USS Akira from First Contact, and then from that the Enterprise from Star Trek: Enterprise. While this has never been explicitly stated anywhere by the designers, this wouldn’t be the first time a FASA-inspired design wormed its way into “canon” somehow.
CLASS I HEAVY CRUISER
CONSTITUTION CLASS STARSHIPS

CLASS NAME: CONSTITUTION 'STARSHIP'
CLASS DESIGNATION: HEAVY CRUISER, CLASS I
CLASS COMMISSION: 2245

COMPLEMENT (STD):
OFFICERS: 43
CREW: 387

DRIVE SYSTEM:
IMPULSE: FID-2 (.75C)
WARP: FWF-I, TANDEM, (WF 6/8)

ARMAMENT (STD):
PHASERS: 3 BANKS/2 EACH, TYPE FH-3
TORPEDOES: 2 BANKS, TYPE FP-1

SUPPLEMENTAL CRAFT (STD):
CLASS F SHUTTLECRAFT: 4
CLASS HF SHUTTLECRAFT: 2
CLASS AF SHUTTLECRAFT: 2
CLASS H TRAVEL POD: 2

DIMENSIONS:
LENGTH: 290M
BREADTH: 127M
HEIGHT: 73M
MASS (DEADWEIGHT): 190KMT

GENERAL INFORMATION

WHILE EVERY SHIP IN THE CLASS COMMANDS A HEAVY AMOUNT OF RESPECT, IT IS MOST WELL KNOWN FOR THE USS ENTERPRISE. HER MERITIOUS SERVICE IS ALMOST A LEGEND IN ITS OWN TIME, ALREADY CEMENTING THE CONSTITUTION CLASS AS A WHOLE INTO THE ANNALS OF STARFLIGHT HISTORY.

EVEN WITH FOUR MAJOR REFIT PROGRAMS OVER HER TWENTY-FIVE YEAR RUN, HER CURRENT CONFIGURATION IS BEGINNING TO SHOW HER AGE AND HIT ITS LIMITS. FORTUNATELY, A NEW, MORE RADICAL REFIT PROJECT IS SCHEDULED FOR THE USS ENTERPRISE IN 2271. IF SUCCESSFUL, THIS COULD MEAN THAT THIS CLASS, AND HER CONTEMPORARIES MAY SEE USE WELL INTO THE 24TH CENTURY.
The following ships of the Constitution class heavy cruiser have been authorized as part of the Federation Star Fleet as of StarDate 7505.00:

- **USS Constitution** - NCC 1700*
- **USS Constellation** - NCC 1017**
- **USS Yamato** - NCC 1305-A
- **USS Enterprise** - NCC 1701
- **USS Nimitz** - NCC 1702
- **USS Hood** - NCC 1703
- **USS Bismark** - NCC 1704
- **USS Excalibur** - NCC 1705
- **USS Exeter** - NCC 1706
- **USS Valiant** - NCC 1707**
- **USS Intrepid** - NCC 1708**
- **USS Lexington** - NCC 1709
- **USS Kongo** - NCC 1710
- **USS Potemkin** - NCC 1711
- **USS Bon. Richard** - NCC 1712
- **USS Monitor** - NCC 1713
- **USS Hornet** - NCC 1714
- **USS Merrimac** - NCC 1715
- **USS Endeavor** - NCC 1763
- **USS Defiant** - NCC 1764**

* Class Ship, ** Lost in the Line of Duty, + Under Construction as of StarDate 7505.00

**Editor’s Annotations**

To say that this Matthew Jefferies’ original design for the Enterprise is legendary doesn’t somehow seem to do it enough justice. Certainly, even 40 years after the original Star Trek series was wrapped up, the ship remains etched in the minds of millions of science-fiction fans around the world. It is simply the most famous vessel, real or imagined, in all history.

Unlike later Star Trek shows, however, Star Trek did not offer a lot of detail to the overall class of the ship. We know, basically, that the ship is a relatively rare ‘starship’, and top of the line. We see a few of her sister ships, we also hear ‘there’s only twelve like her in the fleet’, which gets a little problematic to deal with.

Another problem is that, over the years, many speculative works, official, or not, assume that every starship mentioned by name, number, or inference, must be a Constitution-class ship. Not only that, but every ship mentioned also must match the registries given on a wall chart in one episode – a chart with neither any ship names or classes on it. This makes no real sense, and has been ditched. The view here is that Constitution class ships fall within the NCC-1700’s, with two notable exceptions.

The list of ships and registries here are mostly based on what’s been shown on screen or can be directly inferred without making too many assumptions. A few of the gaps have been filled in from various official sources, such as licensed role-playing games and technical manuals, with the Franz Joseph Technical Manual and BJO Trimble’s Star Trek: Concordance getting the first nods.

If that weren’t enough, even the actual design of the ship is a little difficult to work with, despite it having been seen for years by so many fans. The ‘official’ drawings of the ship were often at odds with one another, the most famous schematics, from the Franz Joseph Technical Manual had some notable discrepancies. The illustration used here, though, starts with that version of the design, and reconciles it a little more with what’s been shown on screen.

Of all the ships in this guide, this one was probably the hardest to actually get down. The expectations are high, and there are many, many conflicting sources of information about her. Hopefully, this entry serves as a happy medium with everything that’s out about her.
CLASS I CRUISER
DECATURE CLASS STARSHIPS

CLASS NAME: DECATURE ‘STARSHIP’
CLASS DESIGNATION: CRUISER, CLASS I
CLASS COMMISSION: 2253

COMPLEMENT (STD):
OFFICERS: 36
CREW: 320

DRIVE SYSTEM:
IMPULSE: FID-2 (.75C)
WARP: FWF-I, TANDEM, (WF 6/8)

ARMAMENT (STD):
PHASERS: 3 BANKS/2 EACH, TYPE FH-3
TORPEDOES: 2 BANKS, TYPE FP-1

SUPPLEMENTAL CRAFT (STD):
CLASS F SHUTTLECRAFT: 2
CLASS HF SHUTTLECRAFT: 1
CLASS AF SHUTTLECRAFT: 1
CLASS H TRAVEL POD: 2

DIMENSIONS:
LENGTH: 271M
BREADTH: 127M
HEIGHT: 82M
MASS (DEADWEIGHT): 172KMT

GENERAL INFORMATION
THE DECATURE PROJECT STARTED PRIMARILY FOR ‘ECONOMIC’ REASONS AND WAS ENVISIONED AS AN ‘AFFORDABLE’ CRUISER, BUT COULD ALSO STILL SERVE IN THE SAME STRATEGIC AND TACTICAL ROLES OF THE HEFTIER CONSTITUTION CLASS. THE DESIGN CALLED FOR FEWER SCIENTIFIC SYSTEMS, FEWER SHUTTLECRAFT, AND A PROPORTIONALLY REDUCED CREW.

Indeed, the class of ship serves many of the functions of her larger cousin, though her non-military capabilities notably suffer. The reduction of research labs has caused a problem when a Decature class ship is involved in exploration missions, or if one happens to find an ‘unexplained phenomena’ that requires a good deal of hard science work.

Most vessels of this class serve as ‘limited exploration’ roles, scouting out and protecting those areas of Federation space which are under direct threat by Klingons or other hostile powers.

Though younger than the Constitution class, technological advances threaten the Decature class’s future as well. The USS Belknap is scheduled for a major refit in 2272. If successful, the upgrade will ensure this class’s longevity for quite a bit longer.
CLASS I CRUISER
AUTHORIZED CONSTRUCTION

THE FOLLOWING SHIPS OF THE DECATUR CLASS CRUISER HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLEET AS OF STARDATE 7505.00:

- USS Decatur - NCC 1780 *
- USS Belknap - NCC 1781
- USS Springfield - NCC 1782
- USS America - NCC 1783
- USS Yarnell - NCC 1784
- USS Worden - NCC 1785 **
- USS Dale - NCC 1786 **
- USS Halsey - NCC 1787
- USS Daniels - NCC 1788
- USS Jouette - NCC 1789
- USS Gates - NCC 1790
- USS Mobile Bay - NCC 1791
- USS Antietam - NCC 1792
- USS Princeton - NCC 1793
- USS Cowpens - NCC 1794
- USS Port Royal - NCC 1795
- USS Leyte Gulf - NCC 1796
- USS Monterey - NCC 1797
- USS Chosin - NCC 1798 +
- USS Hugh City - NCC 1799 +

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR’S ANNOTATIONS

THE DECATUR FIRST APPEARED AS A LONE STARSHIP IN TODD GUENTHER’S SHIPS OF THE STARFLEET GUIDE. IT QUICKLY BECAME A FAVORITE AMONG STAR TREK FANS AND HAS MADE SEVERAL APPEARANCES IN OTHER WORKS, THOUGH WITH OFTEN SLIGHTLY DIFFERENT DETAILS.

THE ORIGINAL DESIGN ONLY CALLED FOR THE DECATUR HERSELF TO HAVE A ‘SERIES-ERA’ DESIGN, WITH THE REST OF THE CLASS HAVING ‘MOVIE-ERA’ LINES. HERE, THE ASSUMPTION IS THAT THE SHIP IS A BIT OF AN OLDER DESIGN WHICH GETS REFIT AND THEN EXPANDED UPON AFTER 2271.


THE NUMBERS GIVEN HERE ARE LOWERED TO THE NCC-1780 RANGE, KEEPING THEM A BIT TIGHTER WITH WHAT’S PRESENTED IN STAR TREK, AS WELL AS HELPING HELP OUT THE ROLE OF THE DECATUR AS A CRUISER IN KIRK’S FLEET.
CLASS I Escort Frigate
Surya Class Starships

Class Name: Surya 'Starship'
Class Designation: Escort Frigate, Class I
Class Commission: 2251
Compement (STD):
  Officers: 32
  Crew: 195
Drive System:
  Impulse: FID-2 (75%)  
  Warp: FWF-I, Tandem, (WF 8/8)
Armament (STD):
  Phasers: 4 Banks/2 Each, Type FH-3
  Torpedoes: 1 Banks, Type FP-1
Supplemental Craft (STD):
  Class F Shuttlecraft: 2
  Class HF Shuttlecraft: 1
  Class AF Shuttlecraft: 1
  Class H Travel Pod: 2
Dimensions:
  Length: 236M  
  Breadth: 136M  
  Height: 60M  
  Mass (Deadweight): 155KMT

General Information
The Surya began life as an intended variant of the Anton Class Heavy Frigate, but wound up being a completely reworked version of the older class, taking many valuable lessons in engineering and designed learned through the Anton's weaknesses.

The new class proved formidable in most respects, and was immediately dispatched to 'Starship' duties along-side the Constitution class, fulfilling a variety of mission profiles. The ships have already earned a strong reputation with her crews, and have become a 'de facto' workhorse for the Federation.

Most of the Surya vessels have been assigned to three year exploration missions, as well as serving as defense patrol ships along the frontier, while not as prestigious as serving aboard the Constitution class, getting an assignment aboard a Surya is considered an honor.

Though the Surya has proven to be more than a worthy vessel a reworked version of this design was commissioned to make use of the new FP-3 weapons pod as well as a modular 'Roll-Bar' design. This new class, the Miranda class, has effectively replaced the Surya for new designs.
Class I Frigate
Authorized Construction

The following ships of the Surya class frigate have been authorized as part of the Federation Star Fleet as of StarDate 7505.00:

- USS Surya - NCC 1850*
- USS Illusive - NCC 1851
- USS Antrim - NCC 1852**
- USS Durmitov - NCC 1853
- USS Kanaris - NCC 1854**
- USS Pralaya - NCC 1855
- USS Hashira - NCC 1856
- USS Adalucia - NCC 1857
- USS Brilliant - NCC 1858+
- USS Thetis - NCC 1859+

* Class Ship, ** Lost in the Line of Duty, + Under Construction as of StarDate 7505.00

Editor’s Annotations

The Surya first appeared in Adrias Sofia’s Ships of the Star Fleet, then would make many appearances in other fan works, and would also be one of the most popular of model kits for the Star Trek Original Series era. The reason may be obvious, it’s an obvious ‘retro-fitting’ of the USS Reliant from the Wrath of Khan.

The Surya was designed specifically to be a precursor to the Reliant, and so that backstory was largely used here. The only addition is that the Surya is now a bit older, serving more as a bridge between the Anton class and what would become the Miranda class.

The Surya, as she appears here, is pretty much right out of the Ships of the Star Fleet Diagrams, with only a few differences in texturing in the ‘Engineering’ section to bring her slightly more in line with the Anton and the eventual Miranda.

The ship names are taken from Adrias Sofia’s guide, though the registries have been ‘nudged’ a bit closer to the Miranda class. Only the first ten ships are used, with the assumption that the Miranda supplanted the class just a bit early.
CLASS NAME: MIRANDA 'STARSHIP'
CLASS DESIGNATION: HEAVY FRIGATE, CLASS I
CLASS COMMISSION: 2253

COMPLEMENT (STD):
OFFICERS: 32
CREW: 195

DRIVE SYSTEM:
IMPULSE: FID-2 (.75c)
WARP: FWF-I, TANDEM, (WF 6/8)

ARMAMENT (STD):
PHASERS: 6 BANKS/2 EACH, TYPE FH-3
TORPEDOES: 1 BANKS, TYPE FP-1
TORPEDOES: 2 BANKS, TYPE FP-3

SUPPLEMENTAL CRAFT (STD):
CLASS F SHUTTLECRAFT: 2
CLASS HF SHUTTLECRAFT: 1
CLASS AF SHUTTLECRAFT: 1
CLASS H TRAVEL POD: 2

DIMENSIONS:
LENGTH: 236M
BREADTH: 136M
HEIGHT: 63M
MASS (DEADWEIGHT): 162KMT

GENERAL INFORMATION
AT ITS CORE, THE MIRANDA IS MORE OF A SURYA VARIANT THAN A TRULY NEW CLASS OF SHIP, AND THERE HAS BEEN SOME DEBATE ABOUT SEPARATING THE DESIGNS. THE MIRANDA, THOUGH, SPORTS NOT ONLY A SLIGHTLY LARGER ENGINEERING SECTION, BUT ALSO MAKES USE OF A MODULAR 'ROLLBAR' SYSTEM WHICH ALLOWS THE USE OF THE POWERFUL FP-3 TORPEDO POD.

THE MIRANDA CLASS HAS ALREADY JOINED THE SURYA AS A WORKHORSE OF THE FEDERATION, FULFILLING A VARIETY OF MISSION PROFILES ADMIRABLY, AND ALSO FULLY CAPABLE OF SERVING AS A 'DEFENSE FIRST' SHIP OF THE LINE. SHE'S A NEAR MATCH FOR THE CONSTITUTION CLASS IN MOST REGARDS, THOUGH A BIT MORE LIMITED IN HER SUPPORT SERVICES, SUCH AS SCIENTIFIC LABS AND SHUTTLECRAFT.

THOUGH THE 'MODULAR ROLLBAR' DESIGN HAD BEEN CONCEIVED WITH SCIENTIFIC AND OTHER 'SMALL POD' CONCEPTS IN MIND, ONLY THE WEAPONS POD HAS SEEN PRODUCTION TO DATE. EVEN IF THEY WERE SO OUTFITTED, THE RECONFIGURATION OF THE SHIP, IN PRACTICE, IS A BIT MORE PROBLEMATIC THAN ORIGINALLY ENVISIONED.

DESPITE THE LIMITATIONS OF THE MODULAR POD, THE VERSATILITY OF THE FRIGATE DESIGN REMAINS THE MIRANDA'S GREATEST ASSET, ENSURING THE FLEET'S RELIANCE ON THEM FOR YEARS TO COME.
**CLASS I Heavy Frigate**

AUTHORIZED CONSTRUCTION

The following ships of the Miranda class Heavy Frigate have been authorized as part of the Federation Star Fleet as of StarDate 7505.00:

<table>
<thead>
<tr>
<th>USS Miranda - NCC 1860*</th>
<th>USS Enforcer - NCC 1868</th>
<th>USS Chiron - NCC 1876**</th>
</tr>
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<tr>
<td>USS Tian An Men - NCC 1861</td>
<td>USS Valhalla - NCC 1869</td>
<td>USS Achilles - NCC 1877</td>
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<td>USS Tempest - NCC 1862</td>
<td>USS Sutherland - NCC 1870</td>
<td>USS Odyseys - NCC 1878</td>
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<td>USS Demeter - NCC 1863</td>
<td>USS Redan - NCC 1871</td>
<td>USS Ra - NCC 1879</td>
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<tr>
<td>USS Reliant - NCC 1864</td>
<td>USS Perseus - NCC 1872</td>
<td>USS Melkotia - NCC 1880+</td>
</tr>
<tr>
<td>USS Vigilant - NCC 1865</td>
<td>USS Chimera - NCC 1873**</td>
<td>USS Thurgon - NCC 1881+</td>
</tr>
<tr>
<td>USS Oberon - NCC 1866**</td>
<td>USS Crommaelen - NCC 1874</td>
<td>USS Athena - NCC 1882+</td>
</tr>
<tr>
<td>USS Saratoga - NCC 1867</td>
<td>USS Minerva - NCC 1875</td>
<td>USS Hypnos - NCC 1883+</td>
</tr>
</tbody>
</table>

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

**EDITOR’S ANNOTATIONS**

For anyone that’s seen *The Wrath of Khan*, the origins of this class should be obvious. Of course, that’s not to say that this ship’s design was easy to pin down. The movie itself showed the *USS Reliant*, of course, but said nothing about its class or other details. Fans were left to speculate.

Production notes from the movie listed the ship as a member of the “Avenger” class, a fact that fans took to heart when making their own blueprints and other spin-off designs.

This gets compounded by the FASA role-playing game, which, in a fit of originality, simply dubbed the class the “Reliant class” and had done with it. So, now, there were two official names for the class.

This guide assumes the ship’s age as given in *Wrath of Khan*, but assigns the now-accepted Miranda class moniker. It also assumes that the class is an upgrade to the Avenger and Surya classes, as given in their backstories.

For the original series period, the ship would be a mainstay frigate, a proud lead vessel nearly on par with other major vessels of the period. Of course, by the time of *Next Generation*, the ship’s status has been relegated heavily to the background, serving mostly support roles even in its upgraded configurations.

Not to make things simpler, but perhaps be more definitive, the class was officially dubbed Miranda in *Star Trek: The Next Generation*. The only problem there is that it was declared a new class of ship for *The Wrath of Khan* as well. Of course, this would mean that Khan wouldn’t be familiar with it, and it conflicts with the script and novelization of the movie, which both explicitly state the ship is an “old bucket” by the time of *Wrath of Khan*. 
**CLASS I LIGHT FRIGATE**

**MACKENZIE CLASS STARSHIPS**

CLASS NAME: MACKENZIE  
CLASS DESIGNATION: LIGHT FRIGATE, CLASS I  
CLASS COMMISSION: 2249

**COMPLEMENT (STD):**  
OFFICERS: 25  
CREW: 85

**DRIVE SYSTEM:**  
IMPULSE: FID-2 (75%)  
WARP: FWF-IS, TANDEM (WF 5/7)

**ARMAMENT (STD):**  
PHASERS: 3 BANKS/2 EACH, TYPE FH-3  
TORPEDOES: 1 BANK, TYPE FP-I

**SUPPLEMENTAL CRAFT (STD):**  
CLASS F SHUTTLECRAFT: 2  
CLASS H TRAVEL POD: 2

**DIMENSIONS:**  
LENGTH: 218M  
BREADTH: 98M  
HEIGHT: 52M  
MASS (DEADWEIGHT): 98KMT

**GENERAL INFORMATION**

THE MACKENZIE ENTERED SERVICE PRIMARILY AS A “QUICK FIX” TO THE PROBLEM OF HANDLING FREIGHT AND SUPPLIES IN CERTAIN SECTORS OF SPACE. THE ORDER WAS FOR A “CHEAP FIGHTING SHIP” THAT COULD BE DEPLOYED QUICKLY, ALMOST AS IF THE FEDERATION WAS ON A WAR FOOTING.

THE MACKENZIE FULFILLED THAT ROLE, USING THE SMALLER HULL AND WARP ENGINES USUALLY RESERVED FOR SUPPORT SHIPS, BUT ARMED WITH PHASERS AND TORPEDOES LIKE A LARGER SHIP. THE DOZEN ‘BULLDOGS’, AS THEY BECAME KNOWN, WERE RUSHED INTO SERVICES WITHIN ONLY TWO YEARS.

SPARTAN, EVEN CRAMPED, THE ‘MACS’ WERE DESIGNED AS NO-NONSENSE SHIPS, AND QUICKLY GOT A REPUTATION AS SUCH IN AND OUT OF THE FLEET. NO ONE REALLY EVER WANT TO SERVE ON ONE, BUT EVERYONE FELT A LITTLE BETTER WITH A ‘BULLDOG’ BEHIND THEM.

THOUGH THE ORIGINAL NEED FOR THE MACKENZIE HAS SUBSIDED AND THE CLASS ‘COMPLETED’, THEY STILL FIND SERVICE ON THE FRONTIER IN BOTH COMBAT AND ESCORT ROLES. THE REPUTATION OF THE TENACIOUS SHIPS REMAIN SOUND, AND THEIR AGE SEEMS TO ADD MORE TO THEIR REPUTATION AS GRIZZLED SCRAPPERS.
CLASS I FRIGATE
AUTHORIZED CONSTRUCTION

THE FOLLOWING SHIPS OF THE MACKINZIE CLASS FRIGATE HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLEET AS OF STARDATE 7505.00:

USS MACKENZIE - NCC 1914*  
USS SASKATCHEWAN - NCC 1915  
USS YUKON - NCC 1916  
USS QU’APPELLE - NCC 1917

USS MACLEAN - NCC 1918  
USS IROQUOIS - NCC 1919  
USS ATHABASKAN - NCC 1920  
USS ALGONQUIN - NCC 1921

USS QUEBEC CITY - NCC 1922  
USS OTTAWA - NCC 1923  
USS FREDERICTON - NCC 1924  
USS WINNIPEG - NCC 1925

* CLASS SHIP, ** LOST IN THE LINE OF DUTY, + UNDER CONSTRUCTION AS OF STARDATE 7505.00

EDITOR’S ANNOTATIONS
THE MACKENZIE APPEARED IN A “JAYNEZ SHIPS” ARTICLE IN STARDATE MAGAZINE. IT WAS ANOTHER “FASA-BASH” MEANT FOR USE WITH THAT ROLE-PLAYING GAME. IT WAS AN ORIGI-NAL SERIES DESIGN, BUT WITH THE COMPONENTS SHOWN, IT WOULD BE MORE SIZABLE THAN THE ENTERPRISE AND YET IT WOULD STILL ONLY BE A FRIGATE!


THE FASA BACKSTORY SIMPLY DOESN’T WORK FOR STAR TREK OF THAT ERA, DESCRIBING A “MAQUIS IN REVERSE”, EFFECTIVELY, CUSTOM MAKING THESE SHIPS TO PROTECT THEIR COLONIES. IT’S AN INTERESTING IDEA, BUT AS MANY TIMES AS KIRK CONFRONTS Klingons IN THE YEARS, YOU WOULD THINK THIS WOULD COME UP SOMETIME.

THE BACKSTORY GIVEN HERE IS SIMPLY BECAUSE THE SHIP VISUALLY REMINDS ME OF A FIGHTING PUG. I CAN ALMOST SEE THIS THING FIGHTING KLINCON AND ROMULAN SHIPS TWICE ITS SIZE FOR NO OTHER REASON THAN IT CAN.

THE SHIP NAMES ARE TAKEN FROM THE CANADIAN MACKENZIE CONTEMPORARY SHIPS, ALONG WITH SOME SUG-GESTED ADDITIONS. THE REGISTRIES ARE PLACED FAIRLY HIGH IN THE NCC-1900S, BUT ARE REALLY PRETTY MUCH FILLER BETWEEN THE LATER MIRANDAS AND THE FIRST FEW SOYUZ CLASS SHIPS.
**Constitution Class Project Timeline**

**Skeletal Summary**

### 2240
The prototype FWF-1 drive system successful employed on Bonaventure test-bed ship. Further trials approved.

### 2243
The FWF-1 drive system is approved for use on Federation ships. Plans for the USS Constitution, USS Hermes, and USS Saladin are approved.

### 2245
USS Constitution launched, followed shortly by USS Enterprise. Each ship is given a one-year shakedown and trial cruise. Before appropriated builds are finalized.

Captain Robert H. April assumes command of the USS Enterprise.

### 2246
The two lead Constitution class ships return with tremendous success. Both ships are authorized for a three-year exploration mission into Federation ex-panses.

A new design for the Antov class is finally approved and construction of the class formally begins.

The FWF-1s are approved for use on Starfleet vessels.

### 2247
The Ranger class USS Constellation is ordered to be refit to Constitution class specifications as a feasibility study. The refit effort proves too costly and time-consuming compared with simply building new ships of the Constitution class and is not attempted again.

### 2248
USS Baton Rouge class and contemporaries are officially designated as 'class II'. Newer ships ordered in larger numbers to begin a 'phase-out' project.

### 2249
USS Constitution and USS Enterprise return from their first historic three-year missions. Each ship is given an 18-month refit and the Constitution class is finally fully authorized.

The USS Constellation completes its refit, well over-budget and over most time estimates. The refit plan is sadly scrapped, even though the Constellation herself would continue to serve with distinction over the next decade.

### 2250
Christopher Pike is given command of the USS Enterprise and is set out on the first of his three-year missions.

The budget-conscious appropriations committee approves the Mackenzie class of frigate to serve as frontier defense.

Hermes class scout finally launched. The single FWF-1 engine proves problematic at higher warp speeds, but remains in production as 'effective'.

### 2251
FP-3 heavy torpedo authorized for use on starships. No current ship design has a torpedo-bay large enough for the new system, however, and new ship designs are authorized to make use of them.

Despite problems with the Larson and Hermes class ships, the Saladin class is put into production. While still suffering the 'imbalance' problem with one na-cell, the class serves well in its intended role.

The Surya class is put into production, effectively replacing the Anton class. The Anton class is declared 'completed' and not re-opted for new ships of the type.

### 2252
The Taurus class cruiser is launched, though filling a needed role in the fleet, despite it being a solid performer, the class is not well received by its crews, particularly engineering staff.

A new 'Weapons Module' is designed to house the new FP-3 torpedo system. The module is approved to be the main housing for the heavy weapon, and a new destroyer and frigate are authorized to carry the weapon.

The Mackenzie class is 'complete', filling in the 'emergency need' for frigate escort in vulnerable sectors. The class would enjoy success on the frontier for years to come.
CONSTITUTION CLASS PROJECT TIMELINE

SKELETAL SUMMARY (CONTINUED)

2253
PHASERS ARE NOW APPROVED FOR ALL STARFLEET VESSELS.

THE USS DECATUR IS COMPLETED. SHE IS THE FIRST VESSEL TO USE PHASER TECHNOLOGY FOR HER PRIMARY WEAPON.

THE USS ENTERPRISE IS REFIT THEN LAUNCHED FOR HER SECOND THREE-YEAR TOUR UNDER CAPTAIN PIKE.

THE COCHISE AND MIRANDA CLASSES ARE LAUNCHED, BOTH EQUIPPED WITH THE NEW ‘WEAPONS POD’ TO MAKE USE OF THE HEAVY FP-3 TORPEDO. SHIPS OF THE SURYA CLASS NOT YET BUILT ARE OFFICIALLY RE-APPROPRIATED FOR THE MIRANDA CLASS.

2254
UNDER OBJECTIONS FROM STARFLEET, THE FWE-1 AND FWE-1S ENGINES ARE DECLASSIFIED AND LICENSED FOR PRIVATE AND COMMERCIAL USE.

2255
AFTER VALIANTLY DEFENDING AN EARTH-COLONY FROM KLIN-GON ATTACK, THE BATON ROUGE CLASS USS YAMATO IS LOST. TO MEMORIALIZE HER SERVICE, A NEW YAMATO IS CHRISTENED FOR THE CONSTITUTION CLASS, GIVEN THEN REGISTRY ‘NCC-1305-A’, THE FIRST HONORIFIC REGISTRY OF ITS TYPE.

2257
USS ENTERPRISE UNDERGOES REFIT UPON HER RETURN, WITH MODEST SYSTEM UPGRADES. LATER THAT YEAR, THE USS ENTERPRISE IS THE FIRST SHIP TO HIT WARP 8.5 UNDER IT’S OWN INFLUENCE; THE FIRST OF MANY SPEED RECORDS THE SHIP WILL SET.

2258
PHASERS NOW STANDARD ON ALL FEDERATION VESSELS.

COMMODORE NOGURA PROMOTED TO ADMIRAL AND TAKES HIS PLACE AS CHIEF OF STARFLEET OPERATIONS.

2259
THE LOKNAR CLASS ENTERS SERVICE AND IS WELL-RECEIVED AS A SHIP OF THE LINE. THOUGH A CONSTITUTION CONTEMPORARY, MANY CONSIDER THE SHIP TO BE MORE ‘ANDORIAN’ IN DESIGN.

AFTER HEAVY LOSSES AND DISAPPOINTING GENERAL PERFORMANCE, THE BELEAGURED HERMES CLASS IS DECLARED ‘COMPLETE’.

2260
USS MONOCEROS COMPLETES TRIALS OF THE FLN-1 WARP ENGINE FOR PROJECT ‘ACHERNAR’. THE DESIGN IS MORE EFFICIENT, BUT DOES NOT GIVE DRAMATIC IMPROVEMENTS IN WARP PROPULSION SPEEDS.

FIE-1 IMPULSE DRIVES DEVELOPED. TRIAL RUNS PROVE SUCCESSFUL ON THE USS ACHERNAR. AS A RESULT, THE MAIN COMPONENTS OF THE ACHERNAR PROJECT ARE APPROVED AND FINALIZED.

2262
ACHERNAR PROJECT APPROVED FOR NEW APPROPRIATIONS OR HEAVY REFITS ONLY. IT’S BELIEVED THAT THE MODEST GAINS FROM THE PROJECT DO NOT WARRANT THE HIGH COST OF REFITTING THE EXISTING FLEET, OR ORDERING LARGE NUMBERS OF NEW SHIPS WITH THE FLN-1 SYSTEM IN LIGHT OF POSSIBLE TECHNOLOGICAL ACHIEVEMENTS.

TAURUS CLASS DESIGN RETIRED. UPGRADE PLANS FOR THE CLASS ARE SCRAPPED IN LIGHT OF NEW TECHNOLOGICAL DEVELOPMENTS.

FWF-1 ENGINE NO LONGER USED FOR SINGLE NACELLE SHIPS. FLN-1 UPGRADE APPROVED FOR LARSON CLASS SHIPS.

2263
JAMES TIBERIUS KIRK GIVEN COMMAND OF THE USS ENTERPRISE FOR ITS FIRST FIVE YEAR MISSION.

THE TRIPLE-NACELLE USS HELLESPONT ENTERS SERVICE AS WITH THE SINGLE-NACELLE SHIPS EARLIER, THE DESIGN HAS A POTENTIAL IMBALANCE AT HIGHER-END WARP SPEEDS. STILL, THE CLASS SHOWS REMARKABLE SERVICE IN ITS INTENDED ROLE.

2267
FWG-1 ENGINE SUCCESSFULLY TESTED ON USS YORKTOWN. THOUGH THE ENGINE PROVES TO BE THE ‘GENERATIONAL UPGRADE’ THAT THE FLN-1 WAS NOT, THE DESIGN STRESSES THE YORKTOWN TO ITS LIMITS IN TRIALS, CAUSING ENGINEERS TO RETHINK A POSSIBLE REFIT DESIGN.

THE TREATY OF ORGANIA IS SIGNED, FORESTALLING WAR BETWEEN THE FEDERATION AND KLINGON EMPIRE. DRAMATIC OUTBACKS FOR STARFLEET ANNOUNCED. CONSTITUTION-ERA DESIGNS ARE OFFICIALLY LOCKED DOWN.

THE USS HUGH CITY IS THE LAST OF THE CONSTITUTION PROJECT STARSHIPS APPROVED FOR CONSTRUCTION.

2268
USS ENTERPRISE RETURNS FROM HER FIVE-YEAR MISSION. THE CULMINATION OF THE ‘CONSTITUTION PROJECT’. THE ENTERPRISE ITSELF IS SCHEDULED FOR FULL OVERHAUL AND REFIT IN 2271 TO NEW SPECIFICATIONS.
<table>
<thead>
<tr>
<th>Starship Type</th>
<th>Class Commission</th>
<th>Length</th>
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<tbody>
<tr>
<td>Constitution class heavy cruiser</td>
<td>2245</td>
<td>290m</td>
</tr>
<tr>
<td>Anton class heavy frigate</td>
<td>2246</td>
<td>242m</td>
</tr>
<tr>
<td>Capella class surveyor</td>
<td>2249</td>
<td>218m</td>
</tr>
<tr>
<td>Cochise class torpedo destroyer</td>
<td>2253</td>
<td>234m</td>
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<tr>
<td>Decatur class cruiser</td>
<td>2253</td>
<td>271m</td>
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<tr>
<td>Hermes class scout</td>
<td>2250</td>
<td>242m</td>
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<tr>
<td>Hellespont class fast destroyer</td>
<td>2263</td>
<td>195m</td>
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<tr>
<td>Larson class heavy destroyer</td>
<td>2248</td>
<td>242m</td>
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<tr>
<td>Loknar class frigate</td>
<td>2259</td>
<td>288m</td>
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<td>Mackenzie class light frigate</td>
<td>2249</td>
<td>218m</td>
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<tr>
<td>Miranda class heavy frigate</td>
<td>2253</td>
<td>236m</td>
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<tr>
<td>Saladin class destroyer</td>
<td>2251</td>
<td>242m</td>
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<tr>
<td>Surya class frigate</td>
<td>2251</td>
<td>236m</td>
</tr>
<tr>
<td>Taurus class cruiser</td>
<td>2252</td>
<td>276m</td>
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