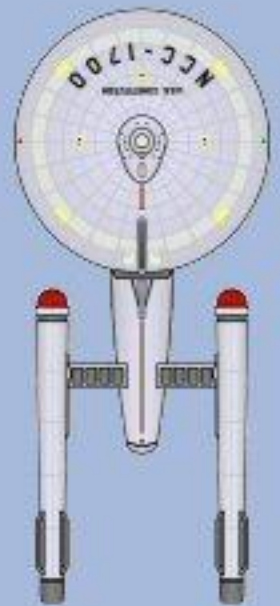


STAR FLEET
STARSHIP RECOGNITION MANUAL

VOLUME ONE
SHIPS OF THE LINE
2268



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

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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.

I HAD FOUGHT TOOTH AND NAIL TO CONTINUE THE *BATON ROUGE* ERA JUST A LITTLE LONGER, EVEN AUTHORIZING THE REBUILD OF MY OLD COMMAND TO THE NEW SPECIFICATIONS. OF COURSE, EVENTUALLY, THOUGH, I HAD TO ACCEPT THAT THE NEW SHIPS OF THE LINE WERE THE FUTURE OF THE FEDERATION. THE *BATON ROUGE* WAS THE LAST OF EARTH'S GREAT SHIPS. THE *CONSTITUTION* WOULD BE THE FIRST OF THE FEDERATION'S.

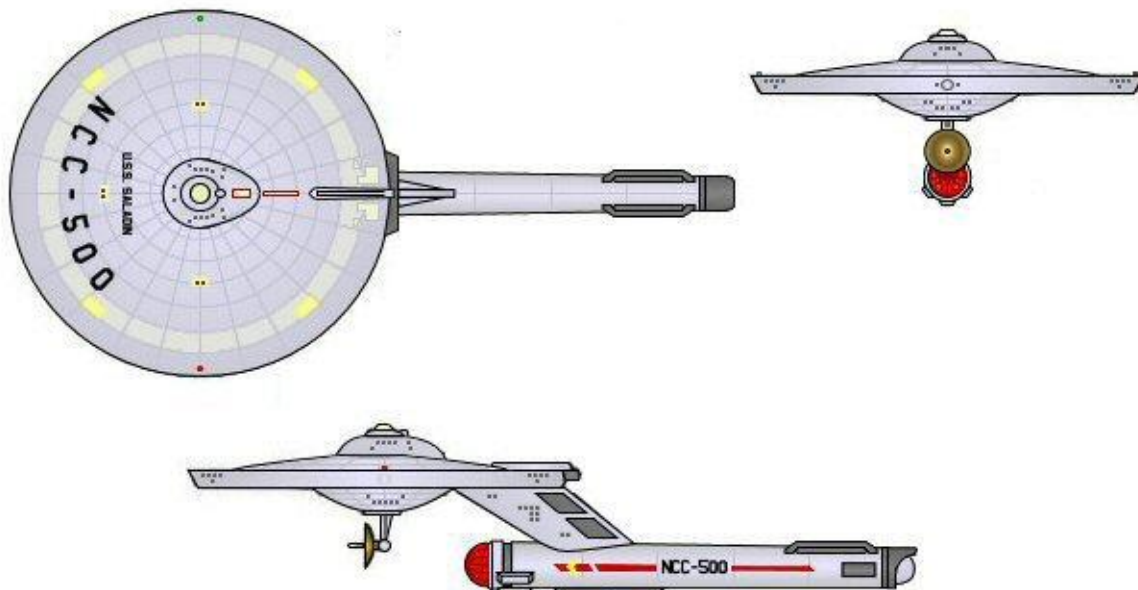
THIS MANUAL SERVES AS A BASIC GUIDE TO THIS 'FIRST GENERATION' OF TRUE FEDERATION STARSHIPS. ALONG WITH THE FAMOUS *CONSTITUTION* CLASS OF HEAVY CRUISER, THIS GUIDE DETAILS OTHER FEDERATION WORKHORSES WHICH SERVE ALONGSIDE HER. EACH OF THESE VESSELS, THOUGH GIVEN A SPECIFIC FLEET DESIGNATION, IS DESIGNED 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 (75C)
WARP: FWF-I, SINGLE, (WF 5/7)

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

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 CONSITUION 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.

CLASS I DESTROYER

AUTHORIZED CONSTRUCTION

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 KUBLAI - NCC 507	USS RAHMAN - NCC 514
USS JENGHIZ - NCC 501	USS SULEIMAN - NCC 508	USS ADAD - NCC 515
USS DARIUS - NCC 502	USS ETZEL - NCC 509	USS HASHISHIYUN - NCC 516
USS ALARIC - NCC 503	USS TAMERLANE - NCC 510	USS AZRAEL - NCC 517
USS SARGON - NCC 504	USS ALEXANDER - NCC 511	USS HAMILCAR - NCC 518
USS XERXES - NCC 505	USS HANNIBAL - NCC 512	USS SHAITAN - NCC 519
USS POMPEY - NCC 506	USS AHRIMAN - NCC 513	

* 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.

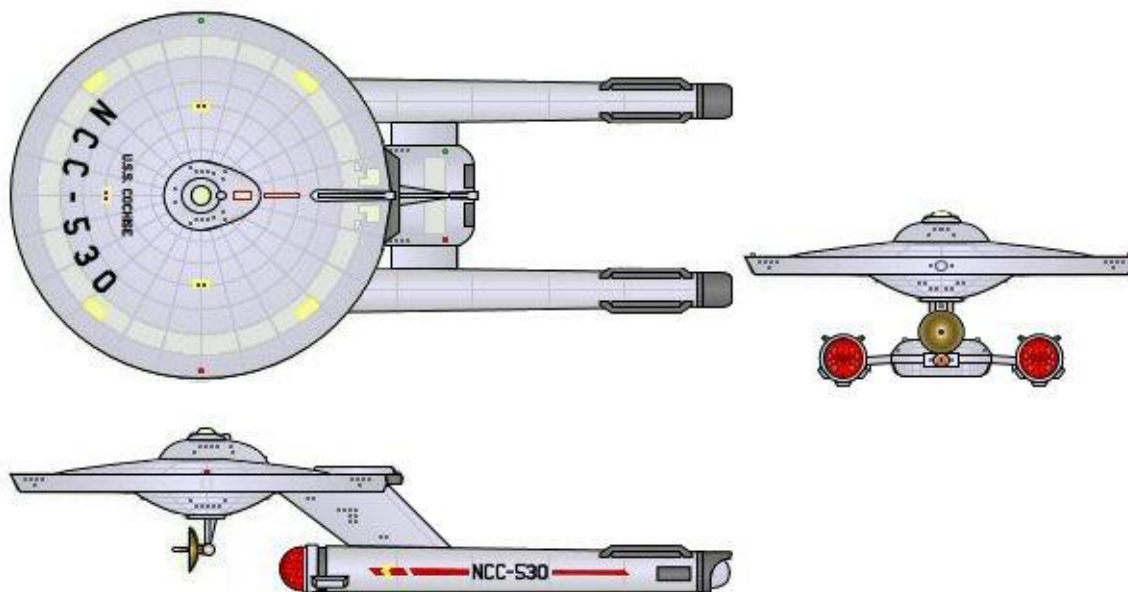
[AS AN ASIDE, THE 'RULES' THAT RODENBERRY WAS CITING WERE OF HIS OWN INVENTION, MADE CONSIDERABLY *AFTER* A GOOD AMOUNT OF OFFICIAL MATERIAL WAS PUBLISHED ABOUT STARSHIPS. TO MANY, THESE NEW 'RULES' SEEMED MUCH MORE AN ATTEMPT TO TAKE BACK THE TECHNOLOGY IN TREK, RATHER THAN ANY REAL THOUGHT-OUT EFFORT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

THIS GUIDE USES ONLY THE FIRST 'BATCH' FROM THE *TECHNICAL MANUAL* AS MEMBERS OF THE SALADIN CLASS,

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.

CLASS I TORPEDO DESTROYER

COCHISE CLASS STARSHIPS



CLASS NAME: COCHISE
CLASS DESIGNATION: TORPEDO DESTROYER, CLASS I
CLASS COMMISSION: 2253

COMPLEMENT (STD):
OFFICERS: 20
CREW: 180

DRIVE SYSTEM:
IMPULSE: FID-2 (75C)
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 DISSAPPOINTMENT 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 GERONIMO - NCC 535	USS HEKTOR - NCC 720
USS ALVA - NCC 531	USS CORTEZ - NCC 536**	USS LYSANDER - NCC 721
USS PONTIAC - NCC 532	USS ALVARADO - NCC 537	USS DRAKE - NCC 722+
USS NEY - NCC 533	USS DE RUYTER - NCC 538	USS APPOLLYON - NCC 723+
USS EL CID - NCC 534		

* 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.

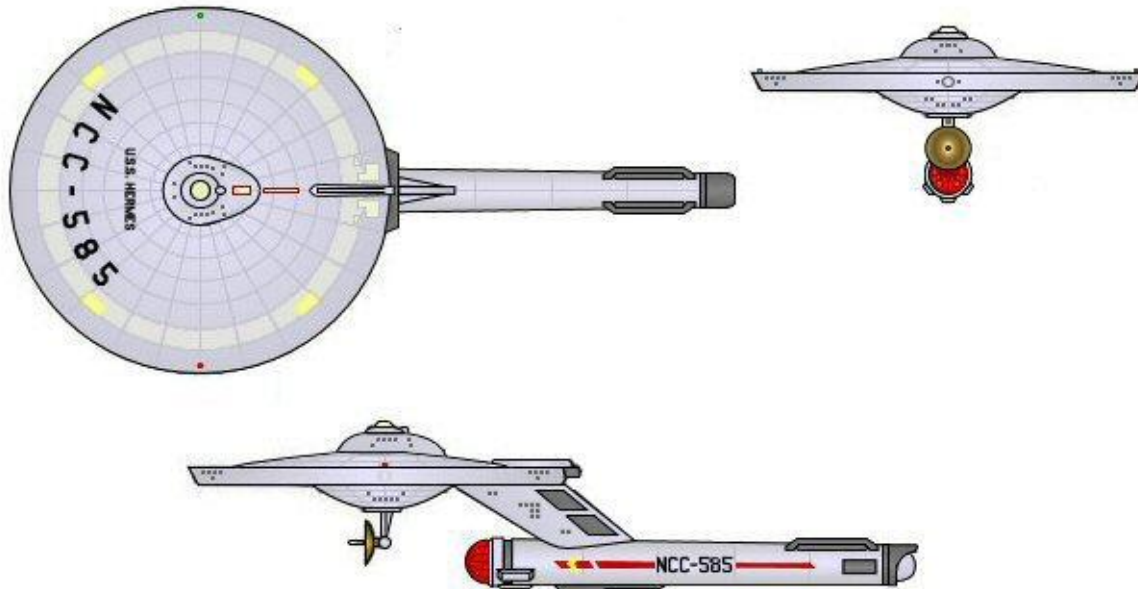
THE DESIGN USED HERE IS ACTUALLY BASED ON A KITBASH USED FOR *DEEP SPACE NINE*, THOUGH THAT SHIP WAS OF THE MOVIE-ERA DESIGNS. THAT SHIP WAS CLEARLY A DESTROYER, MOUNTING A *MIRANDA*-STYLE WEAPONS POD BETWEEN TWO WARP ENGINES. WHILE BEING ANOTHER 'TREK-BASH' USED FOR THE SERIES, THE SHIP DID MAKE SENSE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

CLASS I SCOUT

HERMES CLASS STARSHIPS



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-1, SINGLE, (WF 5/7)

ARMAMENT (STD):
PHASERS: 1 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 FUFILL 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 REPRIEVE WITH MORE ENHANCED, AND CAPABLE, TECHNOLOGY..

CLASS I SCOUT

AUTHORIZED CONSTRUCTION

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

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

* 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.

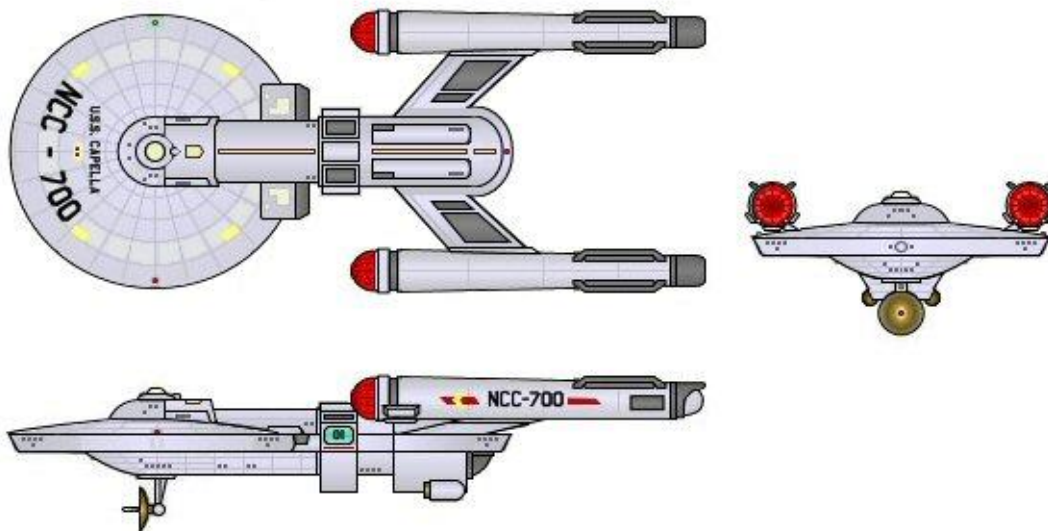
THIS GUIDE USES ONLY THE FIRST 'BATCH' FROM THE TECHNICAL MANUAL AS MEMBERS OF THE *HERMES* CLASS, AND ASSUMES THAT, FOR WHATEVER REASON, THE FWF-1 HAS PROBLEMS WHEN USED AS A SINGLE ENGINE CONFIGURATION.

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. IT

DOESN'T SEEM LIKE THIS IS THE TYPE OF SHIP WE WOULD EXPECT TO SEE MUCH EXPLORING THE HAZARDOUS FRONTIER.

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 ACCOMMODATE 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

AUTHORIZED CONSTRUCTION

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

USS CAPELLA - NCC 700*	USS DALS - NCC 709**	USS SATURN - NCC 718
USS ARGONNE - NCC 701	USS PARIZEAU - NCC 710	USS BEAUFORT - NCC 719
USS ECHO - NCC 702	USS FRIBERGA - NCC 711	USS HASKINS - NAR 1324
USS LLOYDS - NCC 703	USS ABILITY - NCC 712	USS LORMER - NAR 1325
USS OREGON - NCC 704	USS MERCURY - NCC 713	USS MARIANAS - NAR 1326
USS ROEBUCK - NCC 705	USS GRATIA - NCC 714	USS TYPHON - NAR 1327**
USS GLEANER - NCC 706	USS CASTOR - NCC 715	USS LEILEI - NAR 1328
USS DARSHAK - NCC 707**	USS BELLATRIX - NCC 716	USS PURDUE - NAR 1329
USS DOWDITCH - NCC 708	USS ANTARES - NCC 717**	

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

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.

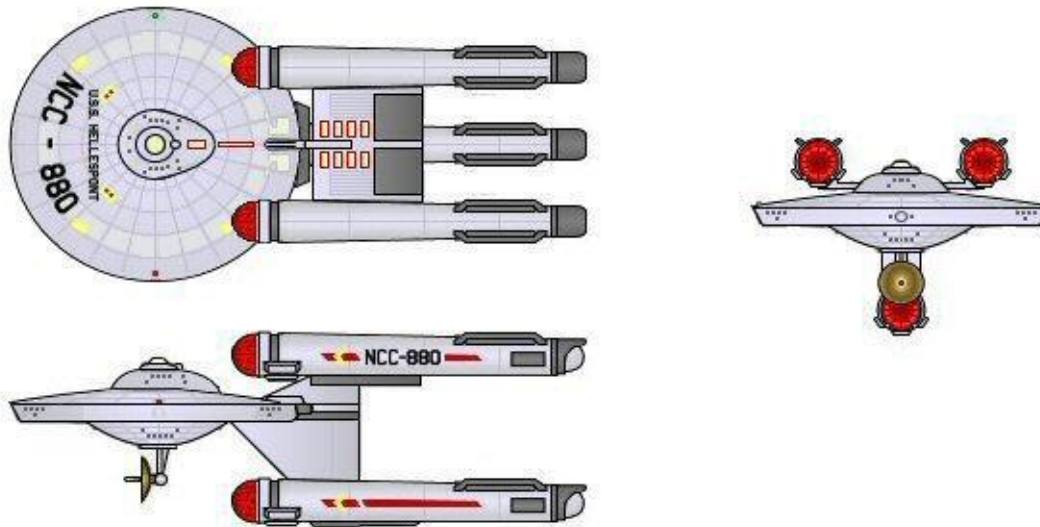
THE NAME 'ANTARES' REFERS TO A NAVY SUPPLY VESSEL THAT SERVED AT PEARL HARBOR AT THE ONSET OF WORLD WAR II. SHIPS OF ITS TYPE WERE SUPPOSED TO BE NAMED AFTER WWII-ERA AUXILLARY SHIPS, WHICH IS THE REASONING USED HERE.

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

SCREEN DISPLAY OF THE *SALADIN*-CLASS DESTROYERS. THE REGISTRIES GIVEN HERE ARE INSTEAD BASED ON BRIAN PIMENTA'S ARTWORK.

CLASS I FAST DESTROYER

HELLESPONT CLASS STARSHIPS



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-1

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

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

GENERAL INFORMATION

A RELATIVELY NEW DESIGN, THE HELLESPONT HAS BEEN SERVING ADMIRABLY AS A DEFENSE-ORIENTED SHIP ALONG BOTH THE KLINGON AND ROMULAN NEUTRAL ZONES. MARKED BY HER TRIPLE-FWF'S CONFIGURATION, THE *HELLESPONT* HAS A DISTINCTIVE PROFILE, AND IS EARNING A REPUTATION IN STARFLEET AS A STRONG AND FAST 'FIGHTING SHIP'.

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:

USS HELLESPONT - NCC 880*	USS ACHAIA - NCC 887	USS ARTEMIS - NCC 894
USS PERSEUS - NCC 881	USS TYRINS - NCC 888	USS AEETES - NCC 895
USS CIRCE - NCC 882	USS TROEZEN - NCC 889**	USS ACHERON - NCC 896+
USS AEGEUS - NCC 883	USS ATHENA - NCC 890	USS MEDEA - NCC 897+
USS NEREUS - NCC 884	USS AMPHITRITE - NCC 891	USS SCYLLA - NCC 898+
USS ATALANTA - NCC 885**	USS ANTIETAM - NCC 892	USS CHARYBDIS - NCC 899+
USS EUROPA - NCC 886	USS CAENIS - NCC 893**	

* 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 *SPACE DOCK* SUPPLEMENT, THOUGH THE SHIP DESCRIBED THERE WAS OF A DIFFERENT CONFIGURATION THAN THE ONE PRESENTED HERE. ONLY THE ROLE OF 'DESTROYER' WAS IN COMMON.

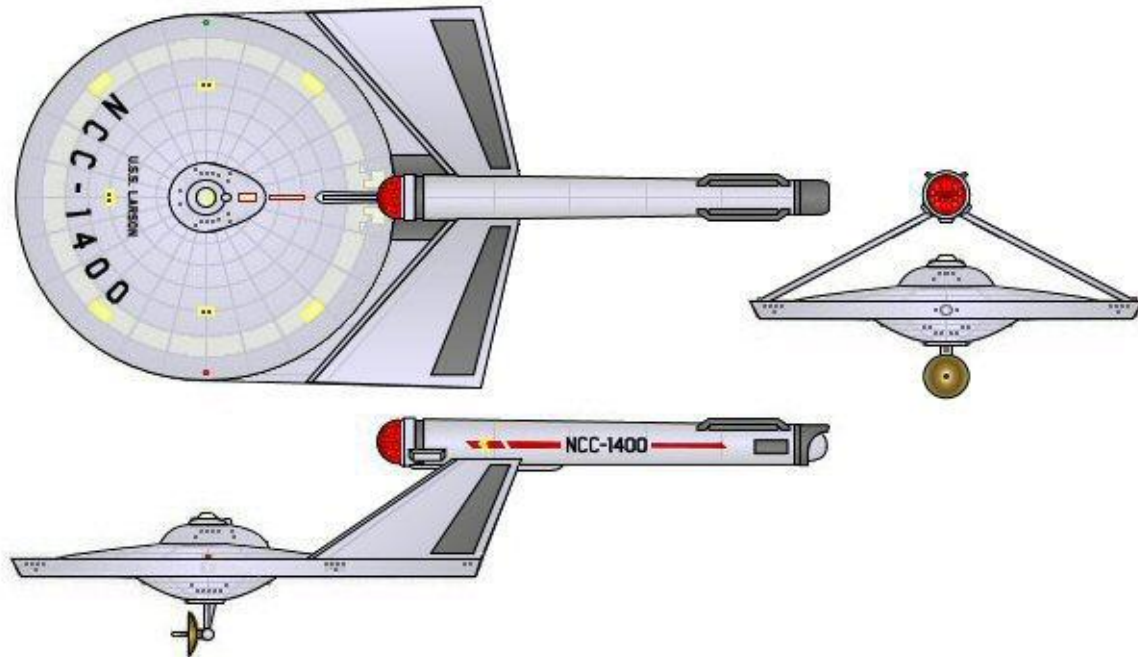
THE ACTUAL SHIP DESIGN, INSTEAD CAME FROM *STAR FLEET BATTLES*, AND WAS ONE OF THE MORE POPULAR DESIGNS UNIQUE TO THAT GAME. THE ONLY DOWNSIDE WAS THAT LITTLE WAS DETAILED ABOUT THE CLASS OUTSIDE OF ITS COMBAT CAPABILITIES, EVEN WHAT CLASS THE FAST DESTROYER REALLY WAS! THIS TIME, MOST OF THE OTHER 'LEG-WORK' 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-1

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.

LIKE THE *HERMES* AND *SALADIN*, THE *LARSON* SUFFERS FROM INSTABILITY PROBLEMS AT HIGH-END WARP SPEEDS. SECONDLY, THE LONE WARP NACELLE WAS POWER-APLENTY FOR THE OLDER LASER BATTERIES AND SHIELDS, BUT IS A BIT WEAK TO POWER MORE MODERN PHASERS. DESPITE THESE WEAKNESSES, HOWEVER, THE *LARSON* IS A POWERFUL FIGHTER IN THE HANDS OF A SKILLED COMMANDER AND ENGINEER.

SHIPS OF THE CLASS HAVE BEEN PRESENT AT MOST MAJOR MILITARY ENCOUNTERS SINCE THEIR LAUNCH IN 2248. IN PARTICULAR, THEY GAINED NOTERETY IN ALL BUT ERADICATING AN TZENKETHI RAIDING FLEET IN SHORT ORDER. THE TZENKETHI HAVE SINCE RE-EVALUATED THEIR STRATEGIES IN THE WAKE OF THEIR DEFEATS.

CLASS I 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:

USS LARSON - NCC 1400*	USS NORMANDY - NCC 1408	USS EYLAU - NCC 1416
USS MIDWAY - NCC 1401	USS MARATHON - NCC 1409	USS LEYTE - NCC 1417
USS TANNENBURG - NCC 1402	USS PHARSALUS - NCC 1410	USS LEIPZIG - NCC 1418
USS TRAFALGAR - NCC 1403**	USS CRECY - NCC 1411**	USS BEUNA VISTA - NCC 1419
USS THELENTH - NCC 1404	USS POITIERS - NCC 1412	USS GARBO - NCC 1420
USS WATERLOO - NCC 1405	USS AGINCOURT - NCC 1413	USS CATINIAN - NCC 1421
USS BORODINO - NCC 1406	USS BLENHEIM - NCC 1414	USS GALLIPOLI - NCC 1422+
USS AUSTERLITZ - NCC 1407	USS TORGAU - NCC 1415	USS JUTLAND - NCC 1423+

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

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 *LOKVAR* 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.

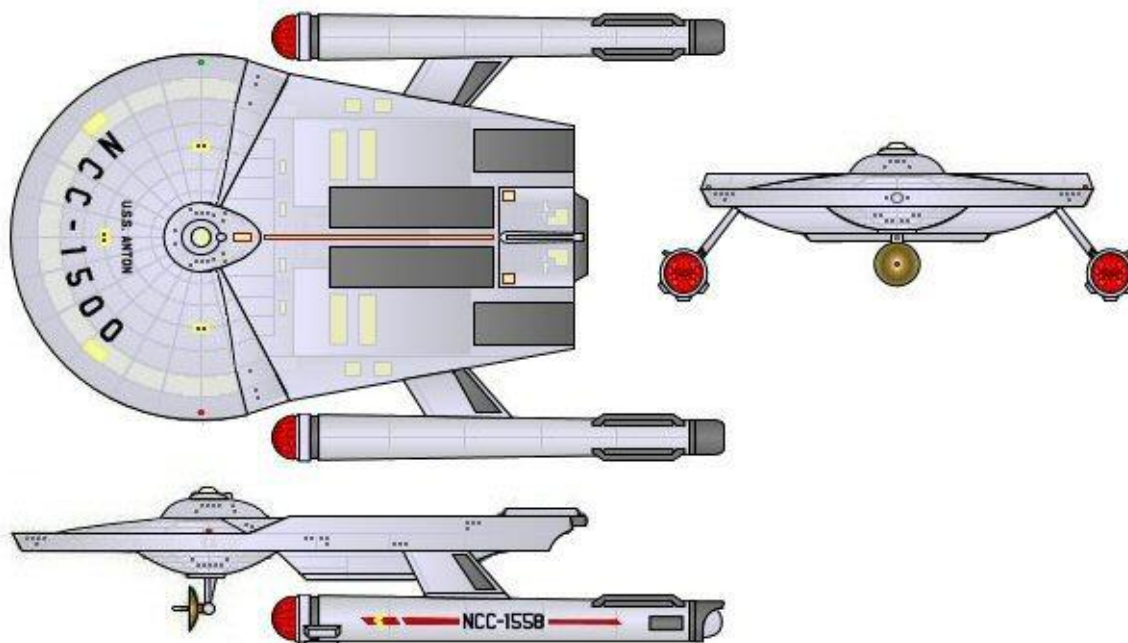
THE SHIPS GIVEN HERE ARE TAKEN FROM FASA'S LISTS, BUT THE REGISTRIES OF THE VESSELS ARE TONED DOWN TO REFLECT A MORE CONTEMPORARY VIEW OF THE FLEET. THERE WERE MANY SHIPS OF THIS CLASS LISTED IN THE GAME, AND MANY MORE IN FURTHER SUPPLEMENTS, BUT THE VIEW TAKEN HERE IS OF A MORE MODEST FIT OF TWENTY-FOUR 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 I HEAVY FRIGATE

ANTON CLASS STARSHIPS



CLASS NAME: ANTON 'STARSHIP'
CLASS DESIGNATION: HEAVY FRIGATE, CLASS I
CLASS COMMISSION: 2246

COMPLEMENT (STD):
OFFICERS: 43
CREW: 215

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-I

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 SIMES - NCC 1504	USS WALKE - NCC 1508
USS ANDERSON - NCC 1501	USS MUSTIN - NCC 1505**	USS HULL - NCC 1509
USS HAMMANN - NCC 1502**	USS RUSSELL - NCC 1506	USS HILBERT - NCC 1510
USS HUGHES - NCC 1503	USS O'BRIEN - NCC 1507	USS GUNN - NCC 1511

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

EDITOR'S ANNOTATIONS

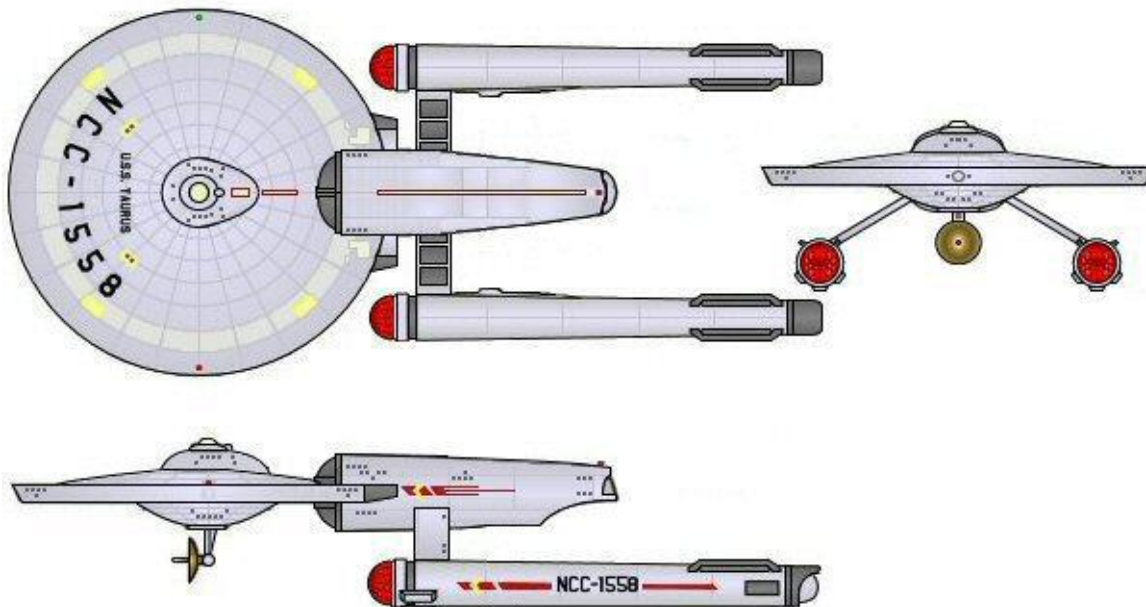
WHEN *THE WRATH OF KHAN* CAME OUT, THERE WAS AN IMMEDIATE CURIOSITY ON THE PART OF MANY FANS TO IMAGINE WHAT THE *RELIANT* LOOKED LIKE DURING THE ORIGINAL SERIES. FASA, WHO HAD THE RIGHTS TO THE ROLE-PLAYING GAME AT THE TIME, TOOK THE CONCEPT AND EVENTUALLY CAME UP WITH THE *ANTON*.

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 REDDOING SOME LINES TO BRING HER MORE INTO THE SAME DESIGN ASTHETIC.

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



CLASS NAME: TAURUS 'STARSHIP'
CLASS DESIGNATION: CRUISER, CLASS I
CLASS COMMISSION: 2252

COMPLEMENT (STD):
OFFICERS: 43
CREW: 212

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

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

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

DIMENSIONS:
LENGTH: 276M
BREADTH: 127M
HEIGHT: 61M
MASS (DEADWEIGHT): 172KMT

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.

CLASS I CRUISER

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

* 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-DOCK*. 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.

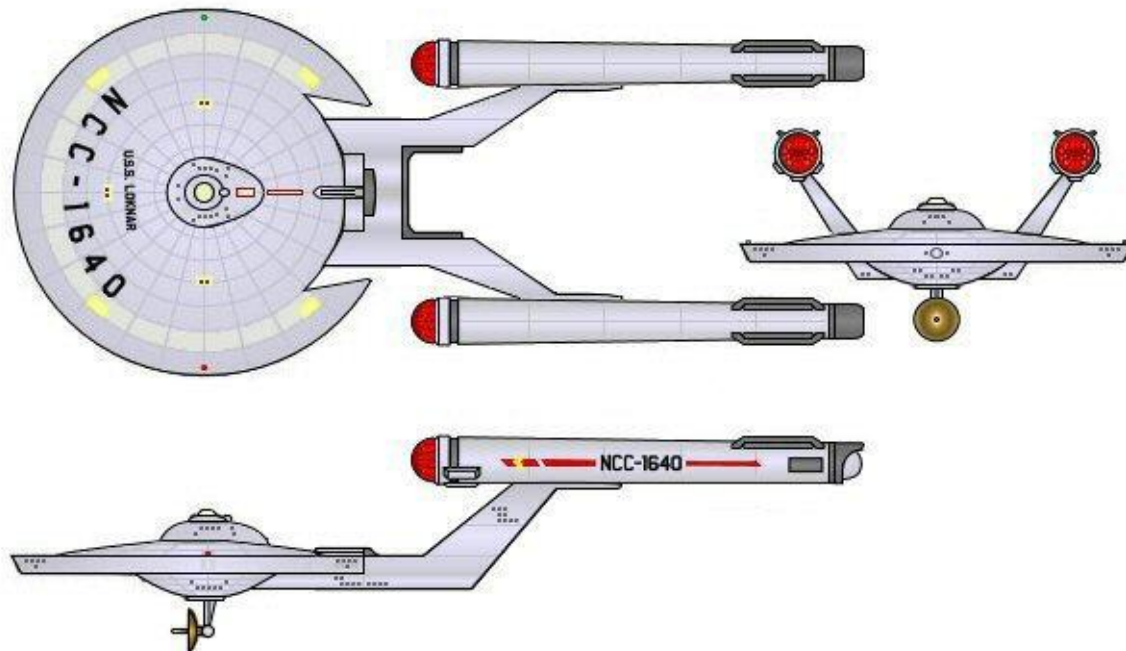
A PARTIAL SOLUTION WOULD COME FROM JOHN PAYNE OF INPAYNE STARSHIPS, AND HIS *TRIUMPH* CLASS. HIS KIT-BASHED MODEL ALREADY ADDRESSED A LOT OF THE *TAURUS*'S DESCRIPTION, THOUGH IT WASN'T THE MOST ATTRACTIVE OF STARSHIPS. I DECIDED TO TAKE HIS IDEA AND APPLY IT MORE DIRECTLY TO THE *TAURUS*, AND THE RESULT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

**CLASS NAME:** LOKNAR**CLASS DESIGNATION:** FRIGATE, CLASS I**CLASS COMMISSION:** 2259**COMPLEMENT (STD):**

OFFICERS: 32

CREW: 145

DRIVE SYSTEM:

IMPULSE: FID-2 (75C)

WARP: FWF-I, TANDEM, CWF 6/8)

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: 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 AGRESSORS, OR REPEATED KLINGON AGRESSION, 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 UP-DATED 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 FARSHIDE - NCC 1647	USS ARGUS CITY - NCC 1654++
USS AHKEIL - NCC 1641	USS NEW AMERICA - NCC 1648	USS YORKSHIRE - NCC 1655
USS VERNOL - NCC 1642	USS KOSK - NCC 1649	USS BOIRDI - NCC 1656
USS TARNTIS - NCC 1643++	USS BORGA - NCC 1650	USS NEW CORINTH - NCC 1657
USS ALEXANDRETTA-NCC 1644	USS PEKING - NCC 1651	USS KYOTO - NCC 1658
USS MORGAN CITY - NCC 1645	USS EPCOT - NCC 1652	USS PETROGRAD - NCC 1659
USS TROY - NCC 1646++	USS ALDEBARAN - NCC 1653	

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

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.

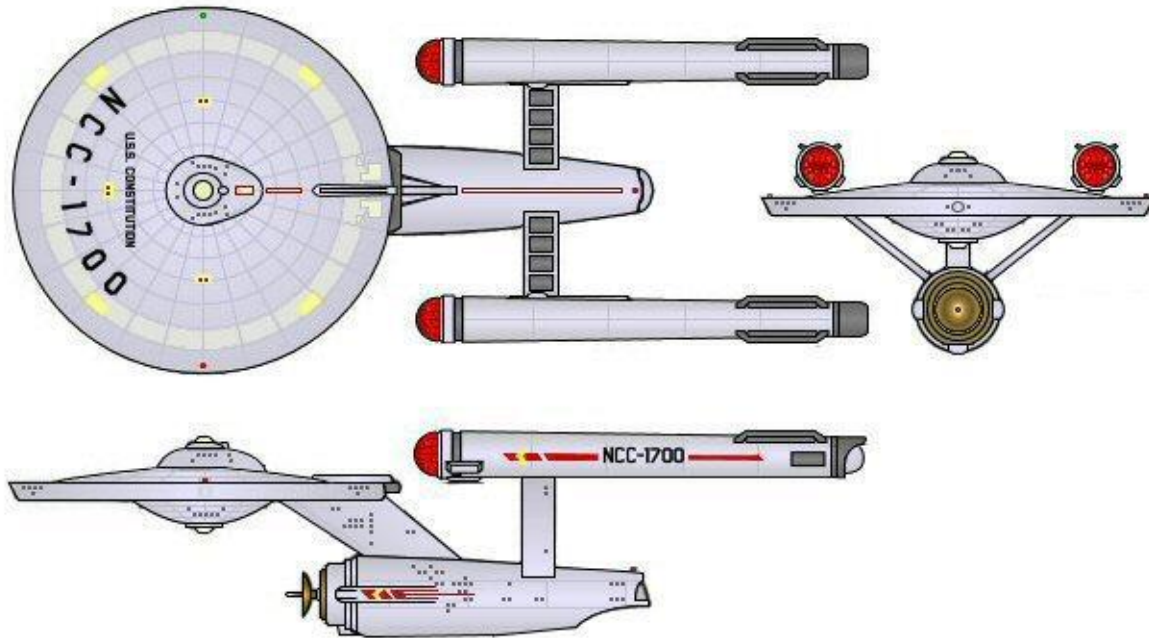
VISUALLY, THE ONLY REAL DIFFERENCES PRESENTED HERE ARE A FEW MORE ADDED DETAILS AND TEXTURING, AND THE PRESENCE OF A DEFLECTOR DISH, NOTABLY MISSING FROM THE

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-I

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

THE CONSTITUTION CLASS WAS LAUNCHED IN 2245 AS A 'NEW GENERATION' STARFLEET WORKHORSE TO REPLACE THE AGING *BATON ROUGE* CLASS OF SHIPS. WHERE THE *BATON ROUGE* WOULD REPRESENT THE PINNACLE OF EARTH DESIGN, THE *CONSTITUTION* WOULD REPRESENT THE PRIDE OF THE ENTIRE FEDERATION ITSELF. TECHNICAL INNOVATIONS FROM SEVERAL FEDERATION WORLDS WOULD TAKE THE STEPS LAID DOWN BY THE *BATON ROUGE*, REFINE THEM, AND THEN CREATE THE GREATEST STARSHIP DEvised BY ANY WORLD IN THE FEDERATION.

WHILE EVERY SHIP IN THE CLASS COMMANDS A HEAVY AMOUNT OF RESPECT, IT IS MOST WELL KNOWN FOR THE *USS ENTERPRISE*. HER MERITORIOUS 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.

CLASS I HEAVY CRUISER

AUTHORIZED CONSTRUCTION

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 VALIANT - NCC 1707**	USS ENDEAVOR - NCC 1716
USS CONSTELLATION-NCC 1017**	USS INTREPID - NCC 1708**	USS YORKTOWN - NCC 1717
USS YAMATO - NCC 1305-A	USS LEXINGTON - NCC 1709	USS ESSEX - NCC 1718
USS ENTERPRISE - NCC 1701	USS KONGO - NCC 1710	USS AKAGI - NCC 1719
USS NIMITZ - NCC 1702	USS POTEMKIN - NCC 1711	USS TI-HO - NCC 1760
USS HOOD - NCC 1703	USS BON. RICHARD-NCC 1712	USS SORYU - NCC 1761
USS BISMARCK - NCC 1704	USS MONITOR - NCC 1713	USS HIRYU - NCC 1762
USS EXCALIBUR - NCC 1705	USS HORNET - NCC 1714	USS ENDEAVOUR - NCC 1763
USS EXETER - NCC 1706	USS MERRIMAC - NCC 1715	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.

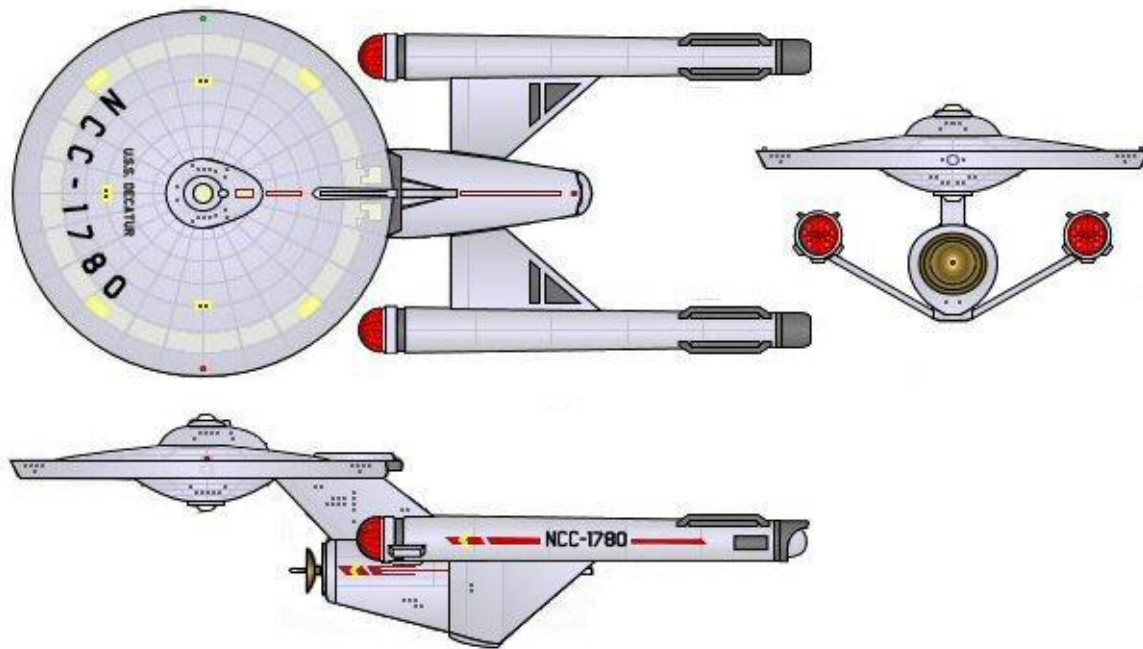
THE LIST OF SHIPS AND REGISTRIES HERE ARE MOSTLY BASED ON WHAT'S BEEN SHOWN ON SCREEN OR CAN BE DIRECTLY INFERRED WITHOUT MAKING TOO MANY ASSUMPTIONS. A FEW OF THE GAPS HAVE BEEN FILLED IN FROM VARIOUS OFFICIAL SOURCES, SUCH AS LICENSED ROLE-PLAYING GAMES AND TECHNICAL MANUALS, WITH THE FRANZ JOSEPH *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

DECATUR CLASS STARSHIPS



CLASS NAME: DECATUR '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-I

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 DECATUR 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 *DECATUR* 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 DECATUR 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 HALSEY - NCC 1787	USS COWPENS - NCC 1794
USS BELKNAP - NCC 1781	USS DANIELS - NCC 1788	USS PORT ROYAL - NCC 1795
USS SPRINGFIELD - NCC 1782	USS JOUETTE - NCC 1789	USS LEYETE GULF - NCC 1796
USS AMERICA - NCC 1783	USS GATES - NCC 1790	USS MONTEREY - NCC 1797
USS YARNELL - NCC 1784	USS MOBILE BAY - NCC 1791	USS CHOSIN - NCC 1798+
USS WORDEN - NCC 1785**	USS ANTIETAM - NCC 1792	USS HUGH CITY - NCC 1799+
USS DALE - NCC 1786**	USS PRINCETON - NCC 1793	

* 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.

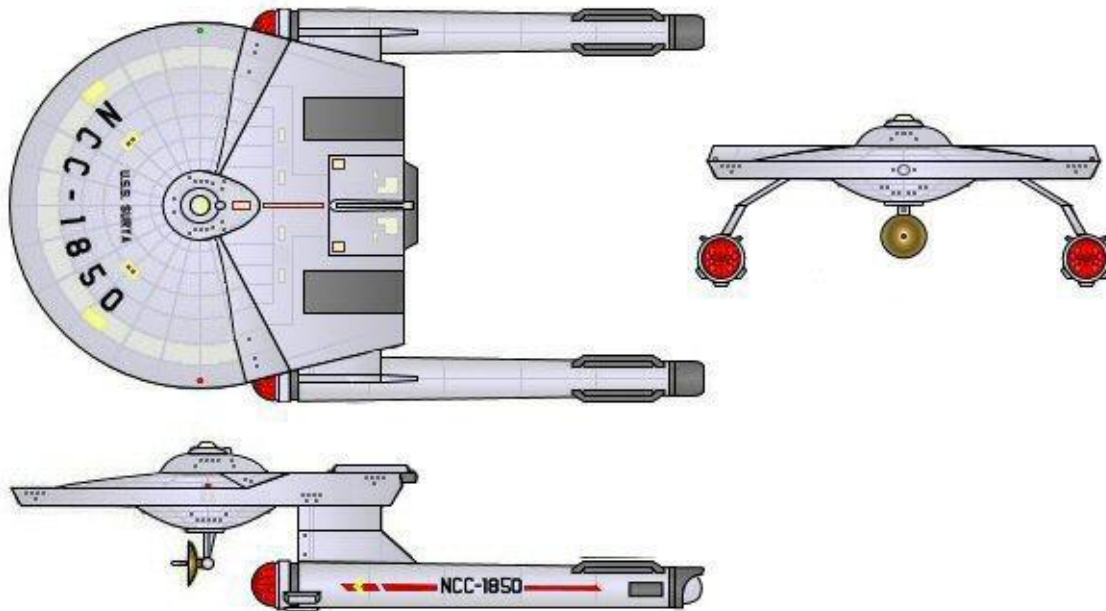
THE ORIGINAL DESIGN ONLY CALLED FOR THE DECATUR HERSELF TO HAVE A 'SERIES-ERA' DESIGN, WITH THE REST OF THE CLASS HAVING 'MOVIE-ERA' LINES. HERE, THE ASSUMPTION IS THAT THE SHIP IS A BIT OF AN OLDER DESIGN WHICH GETS REFIT AND THEN EXPANDED UPON AFTER 2271.

THE REGISTRY SCHEME GIVEN BY *STARSHIP DESIGN* IS LISTED AS MUCH HIGHER THAN WHAT'S GIVEN HERE. THAT GUIDE HAS THE *DECATUR* AS NCC-2501. THIS IS A BIT HARD TO RATIONALIZE WITH THE 'CONSTELLATION' AS THE LAST TMP-ERA DESIGN LAUNCHING WITH NCC-1974, AND THE EXCELSIOR CLASSES LARGELY TAKING OVER FROM NCC-2000 ONWARD.

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 HELPING 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

COMPLEMENT (STD):
OFFICERS: 32
CREW: 195

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

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 *MIFANDA* 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 KANARIS - NCC 1854**	USS ADALUCIA - NCC 1857
USS ILLUSIVE - NCC 1851	USS PRALAYA - NCC 1855	USS BRILLIANT - NCC 1858+
USS ANTRIM - NCC 1852**	USS HASHIRA - NCC 1856	USS THETIS - NCC 1859+
USS DURMITOV - NCC 1853		

* 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*.

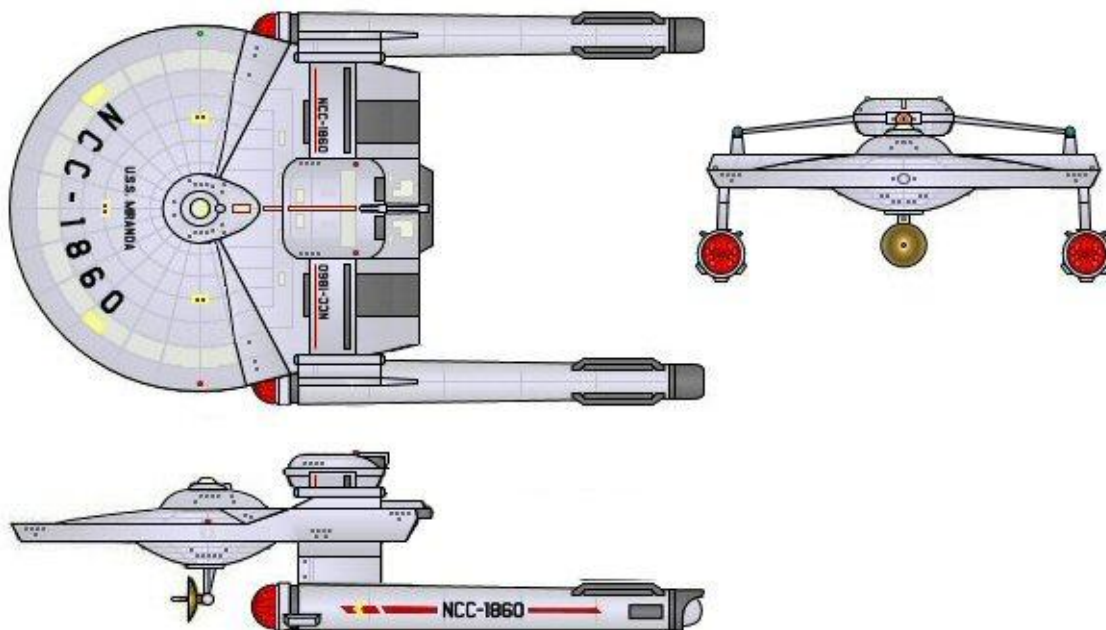
THE *SURYA* WAS DESIGNED SPECIFICALLY TO BE A PRECURSOR TO THE *RELIANT*, AND SO THAT BACKSTORY WAS LARGELY USED HERE. THE ONLY ADDITION IS THAT THE *SURYA* IS NOW A BIT OLDER, SERVING MORE AS A BRIDGE BETWEEN THE *ANTON* CLASS AND WHAT WOULD BECOME THE *MIRANDA* CLASS.

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* SURPLANTED THE CLASS JUST A BIT EARLY.

CLASS I HEAVY FRIGATE

MIRANDA CLASS STARSHIPS



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 THUS FAR. 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:

USS MIRANDA - NCC 1860*	USS ENFORCER - NCC 1868	USS CHIRON - NCC 1876**
USS TIAN AN MEN - NCC 1861	USS VALHALLA - NCC 1869	USS ACHILLES - NCC 1877
USS TEMPEST - NCC 1862	USS SUTHERLAND - NCC 1870	USS ODYSSEYS - NCC 1878
USS DEMETER - NCC 1863	USS REDAN - NCC 1871	USS RA- NCC 1879
USS RELIANT - NCC 1864	USS PERSEUS- NCC 1872	USS MELKOTIA - NCC 1880+
USS VIGILANT - NCC 1865	USS CHIMERA - NCC 1873**	USS THURGON - NCC 1881+
USS OBERON - NCC 1866**	USS CROMMALEN - NCC 1874	USS ATHENA - NCC 1882+
USS SARATOGA - NCC 1867	USS MINERVA - NCC 1875	USS HYPNOS - NCC 1883+

* 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.

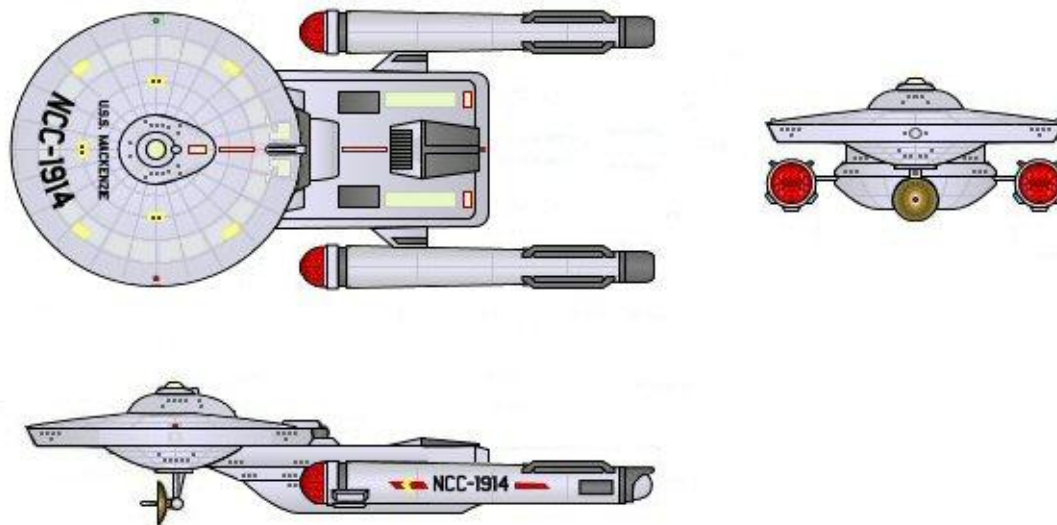
NOT TO MAKE THINGS SIMPLER, BUT PERHAPS BE MORE DEFINITIVE, THE CLASS WAS OFFICIALLY DUBBED *MIRANDA* IN *STAR TREK: THE NEXT GENERATION*. THE ONLY PROBLEM THERE IS THAT IT WAS DECLARED A NEW CLASS OF SHIP FOR *THE WRATH OF KHAN* AS WELL. OF COURSE, THIS WOULD MEAN THAT KHAN WOULDN'T BE FAMILIAR WITH 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*.

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 *ANTON* 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.

CLASS I LIGHT FRIGATE

MACKINZIE 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 (75C)
WARP: FWF-IS, TANDEM, (WF 5/7)

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

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 MACKENZIE CLASS FRIGATE HAVE BEEN AUTHORIZED AS PART OF THE FEDERATION STAR FLEET AS OF STARDATE 7505.00:

USS MACKENZIE - NCC 1914*	USS MACLEAN - NCC 1918	USS QUEBEC CITY - NCC 1922
USS SASKATCHEWAN-NCC 1915	USS IROQUOIS - NCC 1919	USS OTTAWA - NCC 1923
USS YUKON - NCC 1916	USS ATHABASKAN - NCC 1920	USS FREDERICTON - NCC 1924
USS QU'APPELLE - NCC 1917	USS ALGONQUIN - NCC 1921	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 ORIGINAL 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 VERSION HERE REDRAWS A NUMBER OF THE LINES, AND USES THE 'SMALL COMPONENTS' FOUND ON THE *CAPELLA* AND *HELLESPONT*. THE SECONDARY HULL LINES REMAIN PRIMARILY THE SAME, BUT JUST CLEANED UP A BIT.

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 KLINGON 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 SUGGESTED 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 EXPANSES.

A NEW DESIGN FOR THE *ANTON* CLASS IS FINALLY APPROVED AND CONSTRUCTION OF THE CLASS FORMALLY BEGINS.

THE FWF-1S IS 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 OVERBUDGET 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.

THE *CAPELLA* CLASS IS AUTHORIZED. IT IS THE FIRST 'CONSTITUTION CONTEMPORARY' TO BE LICENSED TO PRIVATE USE AS NAVAL AUXILIARIES, THOUGH NONE EVER SERVE IN THAT CAPACITY.

THE *LARSON CLASS* IS LAUNCHED. INITIAL REPORTS OF THE CLASS INDICATE A PROBLEM WITH ITS SINGLE ENGINE DESIGN, LIMITING ITS MAXIMUM SAFE SPEED.

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 BORDER 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-CELLE, 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 *SURAYA* 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 KLINGON 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 BELEAGUED *HEAMES* 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.

FI-1 IMPULSE DRIVES DEVELOPED, TRIAL RUNS PROVE SUCCESSFUL ON THE *USS ARCHERNAH*. AS A RESULT, THE MAIN COMPONENTS OF THE ARCHERNAH 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 CUTBACKS 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* HERSELF IS SCHEDULED FOR FULL OVERHAUL AND REFIT IN 2271 TO NEW SPECIFICATIONS.

STARSHIP COMPARISON GUIDE - VOLUME ONE



CONSTITUTION CLASS HEAVY CRUISER
CLASS COMMISSION: 2245
LENGTH: 290M



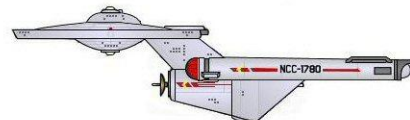
ANTON CLASS HEAVY FRIGATE
CLASS COMMISSION: 2246
LENGTH: 242M



CAPELLA CLASS SURVEYOR
CLASS COMMISSION: 2249
LENGTH: 218M



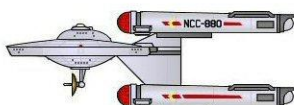
COCHISE CLASS TORPEDO DESTROYER
CLASS COMMISSION: 2253
LENGTH: 234M



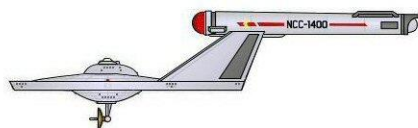
DECATUR CLASS CRUISER
CLASS COMMISSION: 2253
LENGTH: 271M



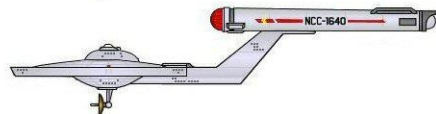
HERMES CLASS SCOUT
CLASS COMMISSION: 2250
LENGTH: 242M



HELLESPONT CLASS FAST DESTROYER
CLASS COMMISSION: 2263
LENGTH: 195M



LARSON CLASS HEAVY DESTROYER
CLASS COMMISSION: 2248
LENGTH: 242M



LOKNAR CLASS FRIGATE
CLASS COMMISSION: 2259
LENGTH: 288M



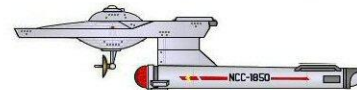
MACKENZIE CLASS LIGHT FRIGATE
CLASS COMMISSION: 2249
LENGTH: 218M



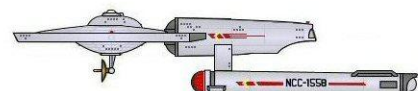
MIRANDA CLASS HEAVY FRIGATE
CLASS COMMISSION: 2253
LENGTH: 236M



SALADIN CLASS DESTROYER
CLASS COMMISSION: 2251
LENGTH: 242M



SURYA CLASS FRIGATE
CLASS COMMISSION: 2251
LENGTH: 236M



TAURUS CLASS CRUISER
CLASS COMMISSION: 2252
LENGTH: 276M

