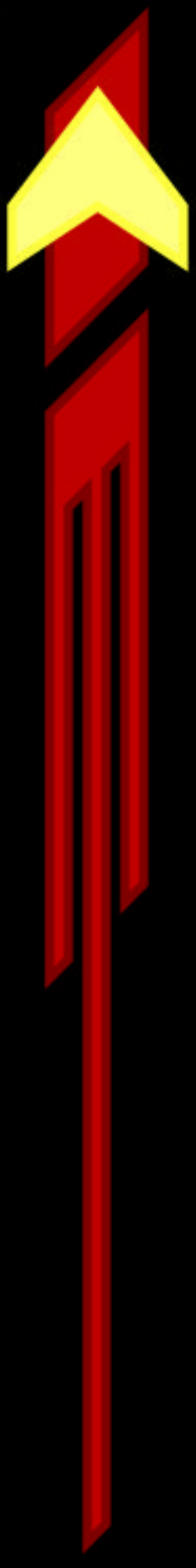

JAYNZ
SHIPS OF STAR FLEET COMPENDIUM

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

JAYNZ' GUIDE
FEDERATION STAR FLEET SERIES

RS: 480372-C

TERRANGLO LANGUAGE EDITION

UPDATED AND APPROVED FOR TERRAN YEAR 2272

JAYNZ

FEDERATION STAR FLEET SERIES
COMPENDIUM 01

JAYNZ' GUIDE SERIES

THE JAYNZ'S GUIDE SERIES IS A HARD FORMAT COMPILATION OF FEDERATION TECHNICAL ORDERS, ARTICLES, AND OTHER WORKS ISSUED BY STAR FLEET COMMAND FOR USE IN THEIR TRAINING PROGRAMS. THE ARTICLES SO PUBLISHED IN JAYNZ' GUIDES ARE FOR FAMILIARIZATION PURPOSES AND ARE AVAILABLE TO TRAINEES, INSTRUCTORS, AND ENTHUSIASTS WITH APPROPRIATE SECURITY CLEARANCE.

ATTENTION: CERTAIN MATERIAL CONTAINED HEREIN IS CLASSIFIED AS SECURITY LEVEL TWO BY STAR FLEET COMMAND AND THE BUREAU OF INTELLIGENCE. UNAUTHORIZED USE OF SUCH MATERIAL IS PUNISHABLE BY COURT MARTIAL, IMPRISONMENT, OR OTHER MEASURES DEPENDING ON PLANETARY LAWS AS STIPULATED BY TREATY.

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SECTION INDEX

MANUAL SUMMARY

STAR FLEET VESSEL REGISTRY

OVERVIEW

AUTHORITY

THE STAR FLEET VESSEL REGISTER [SFVR] IS A PRODUCT OF THE FLEET OPERATIONS SUPPORT OFFICE IN COOPERATION WITH CHIEF OF STAR FLEET OPERATIONS AND CHIEF OF LOGISTICS.

MISSION STATEMENT

TO SUPPORT THE STAR FLEET AND ITS AFFILIATES IN THE EXECUTION OF SHIPBUILDING AND MAJOR WEAPONS ACQUISITION PROGRAMS THROUGH MANUFACTURING, ENGINEERING AND INDUSTRIAL PLANNING, AND TO PERFORM SUCH OTHER FUNCTIONS AS MAY BE DIRECTED BY STAR FLEET COMMAND.

OFFICIAL FUNCTIONS

SERVE AS A CENTRALIZED TECHNICAL SOURCE FOR PERFORMING ASSESSMENTS OF THE INDUSTRIAL BASE CAPABILITY AND CAPACITY TO EXECUTE STAR FLEET SHIPBUILDING AND MAJOR WEAPON ACQUISITION PROGRAMS AS REQUIRED BY DEPARTMENT OF STAR FLEET ACQUISITION REGULATIONS.

PROVIDE TECHNICAL SUPPORT FOR ALL PHASES OF VESSEL ACQUISITION PROGRAMS INCLUDING SOURCE SELECTION, CONTRACT AWARD AND SURVEILLANCE, CONSTRUCTION MONITORING, ANALYSIS OF SHIPBUILDING TECHNOLOGY, AND COST AND SCHEDULE ANALYSIS.

PERFORM ANNUAL SURVEYS OF SHIPYARDS AND SHIPBOARD EQUIPMENT AND SYSTEM MANUFACTURERS IN ORDER TO DETERMINE, VALIDATE, AND RECORD THEIR CAPABILITIES, CAPACITIES, FACILITIES, WORKLOAD, MANUFACTURING LEAD TIMES, FINANCIAL VIABILITY, AND OVERALL ABILITY TO SUPPORT STAR FLEET SHIPBUILDING, MAINTENANCE, AND REPAIR.

CENTRALIZE DATA COLLECTION FOR STAR FLEET VESSEL CONSTRUCTION AND MAINTENANCE PROGRAMS. TO THAT END, OVERSEE AND MAINTAIN THE INDUSTRIAL BASE RELATIONAL DATABANK.

SUPPORT DEVELOPMENT OF STAR FLEET "ANNUAL INDUSTRAIL CAPABILITIES" REPORT TO THE FEDERATION COUNCIL'S DEFENSE COMMITTEE.

MAINTAIN THE FEDERATION COUNCIL MANDATED SFVR THAT SERVES AS THE OFFICIAL INVENTORY OF FEDERATION STARSHIPS, SPACE VESSELS AND SERVICE CRAFT.

PROVIDE RECOMMEDATIONS FOR TECHNICAL AND SERVICE UPGRADES TO EXISTING STARSHIPS AND SPACE VESSELS, AS WELL AS RECOMMEND "NEW TECHNOLOGY" PROGRAMS TO STAR FLEET AND THE FEDERATION COUNCIL.

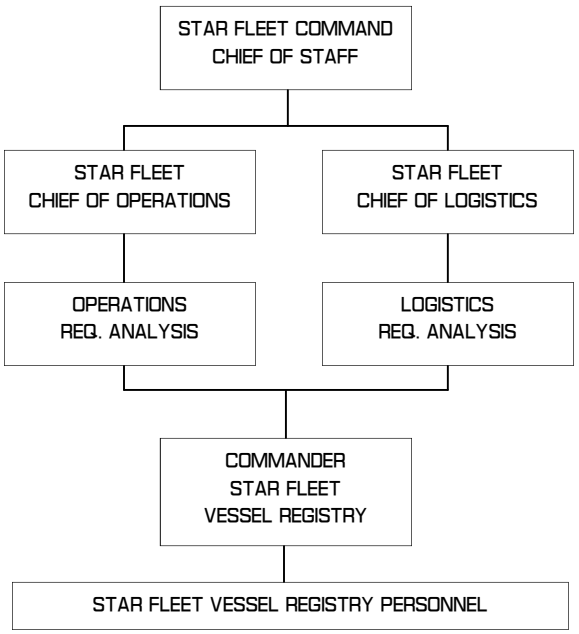
SEE TO THE STANDARDIZATION OF THE SFVR TO INCLUDE ALL SHIPS AND SPACE VESSELS OF FEDERATION MEMBER WORLDS, OF ANY SERVING CAPACITY, FOR THE PURPOSE OF CATALOGING THOSE SHIPS AND THEIR CAPABILITIES.

ORGANIZATIONAL CAPABILITIES

INDUSTRIAL BASE SUPPORT
- INDUSTRIAL BASE DATA AND ASSESSMENTS
- MANUFACTURER AND VENDOR RISK ANALYSES
- EQUIPMENT AND SYSTEM PROCUREMENT EVALUATIONS
- COST TRENDS AND FORECASTING

SHIP AND VESSEL ACQUISITION PLANNING AND APPRAISAL
- PROGRAM DEVELOPMENT SUPPORT
- ADVANCE PLANNING
- SCHEDULE NETWORK DEVELOPMENT/REVIEW
- PERFORMANCE AND COST ANALYSIS
- SHIPYARD SURVEYS AND ASSESSMENTS
- SHIPYARD FACILITIES DATA
- WAR GAME SUPPORT

ORGANIZATIONAL HIERARCHY



NOTE: REGISTRY PERSONNEL ARE OBLIGATED TO MAKE RECOMMENDATIONS TO ANY AND ALL STAFFERS ABOVE THEM IN THE STAR FLEET CHAIN OF COMMAND ON MATTERS OUTLINED IN MISSION STATEMENT OFFICIAL AND FUNCTIONS.

THE REGISTRY ALSO PERFORMS CERTAIN FUNCTIONS THAT MAY NOT AND CANNOT BE OVERRULED BY THOSE HIGHER IN THE COMMAND HIERARCHY, AS DETERMINED BY THE REGISTRAR MISSION STATEMENT AND OFFICIAL FUNCTIONS.

BLANK FILE

STAR FLEET VESSEL REGISTRATION

OVERVIEW

CHIEF OF REGISTRY ORDER – SD 0085

STAR FLEET VESSEL REGISTRIES SHALL ADHERE TO THE FOLLOWING:

1] SHIPS OF THE LINE SHALL HAVE THE 'UNITED SPACE SHIP' [U.S.S.] PREFIX BEFORE THEIR NOMENCLATURE. ALL SHIPS OF THE LINE SHALL HAVE THE REGISTRY PREFIX 'NAVAL CONSTRUCTION CONTRACT' [N.C.C.] FOR PURPOSES OF THE STAR FLEET REGISTRY.

REMAINING REGISTRIES IN THE RANGE OF NCC-001 THRU NCC-499 SHALL BE RESERVED FOR SHIPS SERVING UNDER UNITED EARTH SPACE PROBE AGENCY [UESPA] COMMAND, REGARDLESS OF TYPE.

AVAILABLE REGISTRIES IN THE RANGE OF NCC-500 THRU NCC-999 ARE RESERVED FOR SHIPS LIGHTER THAN FRIGATE-LEVEL VESSELS.

AVAILABLE REGISTRIES IN THE RANGE OF NCC-1000 THRU NCC-1999 ARE RESERVED FOR SHIPS EQUAL TO OR GREATER THAN FRIGATE-LEVEL.

AVAILABLE REGISTRIES IN THE RANGE OF NCC-3000 THRU NCC-3999 ARE RESERVED FOR MILITARY PURPOSE TRANSPORTS.

2] SUPPORT VESSELS ATTACHED TO STAR FLEET SHALL HAVE THE 'SPACE SHIP' [S.S.] PREFIX BEFORE THEIR NOMENCLATURE. IN ADDITION, THE NUMERICALS REGISTRIES OF EACH VESSEL SHALL BE PREFIXED WITH 'NCC' FOLLOWED BY A LETTER DESIGNATING SHIP TYPE.

THE LETTERS 'A' THRU 'H' DESIGNATES CARGO TRANSPORT VESSELS. THE LETTERS 'L' THRU 'N' DESIGNATE PASSENGER TRANSPORT VESSELS. THE LETTERS 'R' AND 'S' DESIGNATE ALL OTHER SUPPORT VESSELS.

NUMERICAL REGISTRIES FOR THESE TYPES WILL BE ASSIGNED IN THE ORDER OF APPROVAL AND ENTRY INTO THE VESSEL REGISTRY.

3] SHUTTLECRAFT AND OTHER 'ATTACHED' LIGHT VESSELS SHALL BE GIVEN A NUMERICAL REGISTRY DENOTED BY THEIR ASSIGNMENT, FOLLOWED BY A '/X' SUFFIX FOR EACH SPECIFIC CRAFT.

CHIEF OF REGISTRY ORDER – SD 2141

THIS ORDER SUPERCEDES ORDER SD 0085, WHERE APPLICABLE

1] THE USS *YAMATO* SHALL BE GIVEN SPECIAL DISPENSATION FOR STARFLEET REGISTRIES, AND SHALL BE ASSIGNED THE ALPHANUMERICAL REGISTRY 'NCC-1305-X' IN HONOR OF HER LOSS. EACH SHIP DESIGNATED *YAMATO* SHALL SUCCESSIVELY APPEND A LETTER TO THE END OF HER REGISTRY.

2] BY REQUEST, THE FOLLOWING PROVISIONS HAVE BEEN MADE FOR THE NEW 'CONTAINER' PODS FROM STAR FLEET TRANSPORT COMMAND:

- LIQUID SERIES – AR FROM NCC-1000 THRU NCC-1999
- DRY BULK SERIES – AR FROM NCC-2000 THRU NCC-2999
- REEFER SERIES – AR FROM NCC-3000 THRU NCC-3999
- STARLINER SERIES – AR FROM NCC-4000 THRU NCC-4999
- PRODUCTS SERIES – AR FROM NCC-5000 THRU NCC-5999

CHIEF OF REGISTRY ORDER – SD 6400

THIS ORDER SUPERCEDES ORDER SD 2141, WHERE APPLICABLE

1] GENERAL PURPOSE CIVILIAN SHIPS ATTACHED TO STAR FLEET SHALL BE GIVEN THE NUMERICAL REGISTRY PREFIX 'NAR' [NAVAL ATTACHED RESERVE] TO DENOTE THEIR STATUS. EXISTING SHIPS WITH THIS STATUS SHALL BE RENUMBERED PENDING THEIR NEXT OVERHAUL.

2] STAR FLEET PERSONNEL TRANSPORTS, COURIERS, AND STARLINERS SHALL BE GIVEN THE NUMERICAL REGISTRY PREFIX 'NDT' [NAVAL DIPLOMATIC TRANSPORT] TO DENOTE THEIR STATUS. EXISTING SHIPS WITH THIS STATUS SHALL BE RENUMBERED PENDING THEIR NEXT OVERHAUL.

2] STAR FLEET CARGO TRANPORTS AND COURIERS SHALL BE GIVEN THE NUMERICAL REGISTRY PREFIX 'NFT' [NAVAL FREIGHT TRANPORT] TO DONTE THEIR STATUS. EXISTING SHIPS WITH THIS STATUS SHALL BE RENUMBERED PENDING THEIR NEXT OVERHAUL.

4] CIVILIAN SCIENCE VESSELS ATTACHED TO STAR FLEET, BUT ARE NOT TO SERVE IN COMBAT SITUATIONS SHALL BE GIVEN A NUMERICAL REGISTRY PREFIX 'NSP' [NAVAL SCIENCE PROBE]. EXISTING SHIPS WITH THIS STATUS SHALL BE RENUMBERED PENDING THEIR NEXT OVERHAUL.

5] TRANSPORT PODS CURRENTLY UNDER STAR FLEET TRANSPORT COMMAND SHALL BE ASSIGNED NEW REGISTRIES BASED ON ABOVE ORDERS AT THE COMPLETION OF THEIR CURRENT MISSIONS.

6] AVAILABLE REGISTRIES IN THE RANGE OF NCC-2000 THRU NCC-2099 ARE RESERVED [CLASSIFIED].

7] AVAILABLE REGISTRIES IN THE RANGE OF NCC-2100 THRU 2499 ARE RESERVED FOR SHIPS OF THE LINE LARGER THAN HEAVY CRUISERS.

8] ANY AND ALL REGISTRIES MADE AVAILABLE FROM THE ABOVE CHANGES MAY BE REASSIGNED TO NEW VESSELS.

9] VESSELS RE-APPRORPRIATED FROM OTHER CLASSES MAY, AT DISCRETION OF THE REGISTRY, KEEP THE ORIGINALLY INTENDED NUMERICAL REGISTRY VALUES.

CHIEF OF REGISTRY ORDER – SD 7215

THIS ORDER SUPERCEDES ORDER SD 6400, WHERE APPLICABLE

1] THE 'NX' [NAVAL EXPERIMENTAL] REGISTRY PREFIX IS OFFICIALLY ADDED TO THE STAR FLEET REGISTRY. [THE PREFIX HAD BEEN USED 'UNOFFICIALLY" FOR YEARS]. 'NX' REGISTRIES SHALL ADHERE TO THE 'NCC' CONVENTIONS OUTLINED PREVIOUSLY, DEPENDING ON THE TYPE OF SHIP UNDERGOING TESTING.

2] GIVEN THE REPEATED USE OF CERTAIN STARSHIP NAMES, FEDERATION SHIPS WILL NO LONGER HAVE ROMAN NUMERAL SUFFIXES APPENDED TO THEIR NAMES.

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STARBASE

'K' SERIES, GENERAL PURPOSE

GENERAL INFORMATION

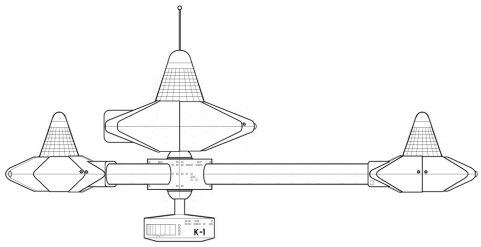
THE 'K' SERIES STARBASE WAS DESIGNED TO FUFILL A VARIETY OF ROLES, AND IS CONSIDERED A LARGE 'GENERAL PURPOSE' STARBASE. THE BASES OFTEN ACT AS A CENTER FOR TRADE, COMMERCE, OR DEFENSE IN THOSE AREAS WHERE A PLANETARY BASE ISN'T DEEMED PRACTICAL.

THE K SERIES STARBASE WAS DESIGNED TO BE QUICKLY CONSTRUCTED AND ASSEMBLED, WITH EACH ASSEMBLE ABLE TO BE TOWED IN A COMPACT 'MODE', AND EXPANDED ON SITE. USING THIS APPROACH, THE FOURTEEN K-SERIES STABASES SEEMED TO POP UP OVERNIGHT ALONG VULNERABLE FEDERATION TRADE ROUTES, PARTICULARLY THOSE TOO NEAR THE KLINGON BORDER (SUCH AS THE K-7 STARBASE).

WITH LAVISH QUARTERS, NUMEROUS SERVICES, AND A WIDE VARIETY OF EQUIPMENT ON EACH OF THESE BASES, MANY ASSIGNED TO THESE BASES CONSIDER THEM THE NEXT-BEST THING TO BEING PLANET-SIDE. ASIDE FROM THESE COMFORTS, HOWEVER, THE K-SERIES STARBASE ALSO BOSTS A POWERFUL ARRAY OF PHASERS FOR DEFENSE, AND ACTS AS SUBSPACE RADIO BOOSTERS AND LONG-RANGE SCANNING OUTPOSTS.

DESPITE THE IMPRESSIVE CAPABILITIES OF THE DESIGN, THE K-SERIES WAS ONLY DESIGNED FOR A NORMAL LIFESPAN OF 35 YEARS, AND THE OLDEST OF THE K SERIES ARE BEGINNING TO SHOW THEIR AGE. WHILE IT'S UNLIKELY THAT ANY WILL BE RETIED SOON, THE DESIGN HAS BEEN PASSED UP IN FAVOR OF NEW, MORE 'MODERN' STARBASE DESIGNS.

TYPE K STARBASE - BOW VIEW



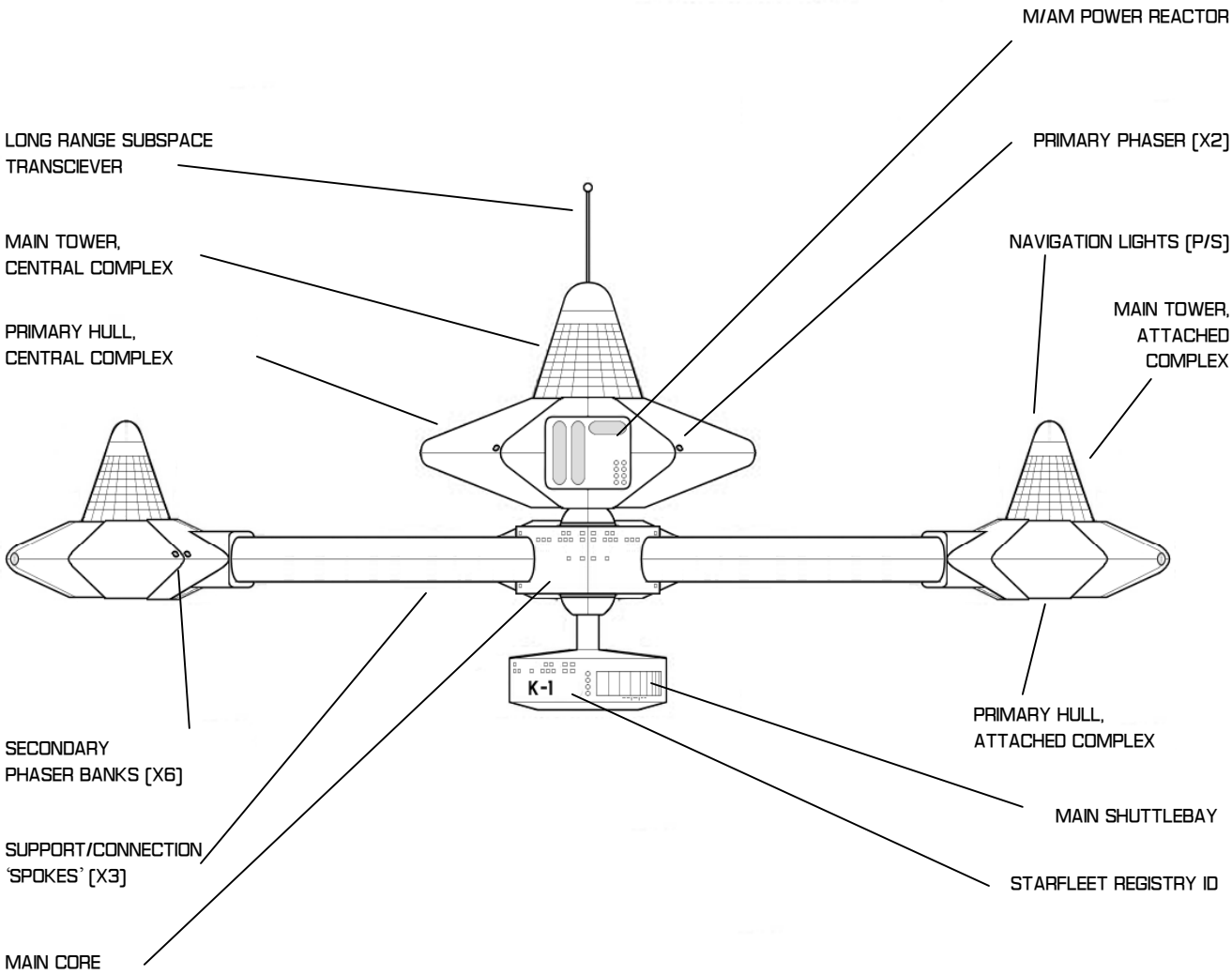
CONSTRUCTION DETAILS

CHIEF OF DESIGN	MATTHEW JEFFERIES
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	14

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
K-1	K-1	ACTIVE / STARFLEET COMMAND
K-2	K-2	ACTIVE / STARFLEET COMMAND
K-3	K-3	ACTIVE / STARFLEET COMMAND
K-4	K-4	ACTIVE / STARFLEET COMMAND
K-5	K-5	ACTIVE / STARFLEET COMMAND
K-6	K-6	ACTIVE / STARFLEET COMMAND
K-7	K-7	ACTIVE / STARFLEET COMMAND
K-8	K-8	ACTIVE / STARFLEET COMMAND
K-9	K-9	ACTIVE / STARFLEET COMMAND
K-10	K-10	ACTIVE / STARFLEET COMMAND
K-11	K-11	ACTIVE / STARFLEET COMMAND
K-12	K-12	ACTIVE / STARFLEET COMMAND
K-13	K-13	ACTIVE / STARFLEET COMMAND
K-14	K-14	ACTIVE / STARFLEET COMMAND

STARBASE

'K' SERIES, GENERAL PURPOSE – SIDE-LONG VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

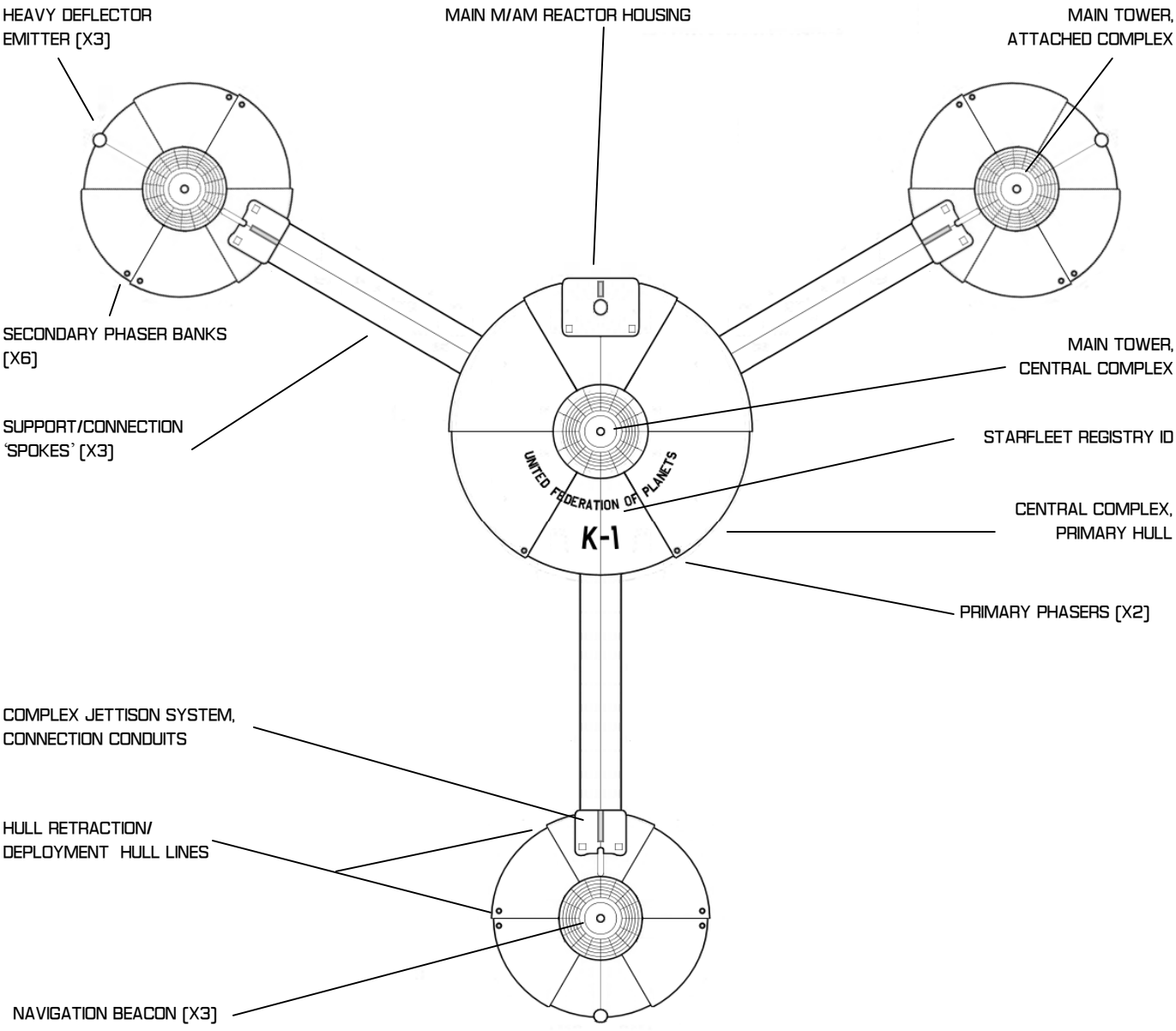
GENERAL PLANS:/RECOGNITION DETAIL
STARBASE / K-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATHEW JEFFERIES
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

STARBASE

'K' SERIES, GENERAL PURPOSE – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
STARBASE / K-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATTHEW JEFFEREIS
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

STARBASE

TYPE SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	387

DIMENSIONS	
DEADWEIGHT TONNAGE	455,000 MT
LENGTH	354M
BREADTH	321M
HEIGHT	161M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (X2A, X2 F/S, X2 F/P) MK IVH SINGLE EMITTER (X2A)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	4
TYPE F SHUTTLECRAFT	8
TYPE HF SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	8 STD / 8 EVAC / 6 CARGO / 6 PERSONAL
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	MAIN COMPLEX	SUBSPACE TRANSCIEVER/BOOSTER, MAIN SENSORS
DECK TWO	MAIN COMPLEX	COMMAND CENTER
DECK THREE	MAIN COMPLEX	COMMUNICATIONS CENTER
DECK FOUR THRU SIX	MAIN COMPLEX	ADMINISTRATION OFFICES / ADMINISTRATION QUARTERS
DECK SEVEN, EIGHT	MAIN COMPLEX	SPECIAL ACCOMODATIONS,
DECK NINE THRU ELEVEN	MAIN COMPLEX	SCIENCE LABS
DECK TWELVE THRU SEVENTEEN	MAIN COMPLEX	PRIVATE QUARTERS, LEISURE CENTERS, STORES
DECK EIGHTEEN	MAIN COMPLEX	PROMENADE
DECK NINETEEN THRU TWENTY-FOUR	MAIN COMPLEX	ENGINEERING, STORES, LEISURE CENTERS
DECK TWENTY-FIVE	MAIN COMPLEX	EMERGENCY DORSAL SEPERATION
DECK TWENTY-SIX, TWENTY-SEVEN	MAIN COMPLEX	STARFLEET LOUNGES, OBSERVATION DECKS
DECK TWENTY-EIGHT, TWENTY-NINE	MAIN COMPLEX	SICKBAY, MEDICAL CENTERS, MAIN TRANSPORTERS
DECK THIRTY THRU THIRTY-TWO	MAIN COMPLEX	TRANSPORTATION CONDIUT, BASE MACHINERY, STORES
DECK THIRTY-THREE, THIRTY-FOUR	MAIN COMPLEX	PRIMARY COMPUTERS
DECK THIRTY-FIVE THRU THIRTY-NINE	MAIN COMPLEX	CARGO STORES
DECK FOUIRTY THRU FOURTY-TWO	MAIN COMPLEX	PRIMARY SHUTTLE BAY
DECK FOURTY-THREE	MAIN COMPLEX	SHUTTLEBAY SUPPORT AND SUPPLIES
DECK THIRTY THRU THIRTY-TWO	SUPPORT SPOKE	CREW QUARTERS, SUPPLY CONDUITS, STORES
DECK EIGHTEEN	SECONDARY COMPLEX	SECONDARY SENSORS, HOMING BEACON, NAVIGATION CONTROL
DECK NINETEEN	SECONDARY COMPLEX	BAR,/LOUNGE, OBERSVATION DECK
DECK TWENTY THRU TWENTY-EIGHT	SECONDARY COMPLEX	STATEROOMS, PRIVATE QUARTERS
DECK TWENTY-NINE, THIRTY	SECONDARY COMPLEX	LEISURE AREAS, PRIVATE OFFICES
DECK THIRTY-ONE, THIRTY-TWO	SECONDARY COMPLEX	CREW DINING AREA, FOOD PREPARATION, ARMORY, BRIG
DECK THIRTY-THREE, THIRTY-FOUR	SECONDARY COMPLEX	MAINTENANCE FACILITIES, MACHINERY
DECK THIRTY-FIVE	SECONDARY COMPLEX	SECONDARY POWER SYSTEMS

SCOUT CLASS

HERMES CLASS STARSHIPS

GENERAL INFORMATION

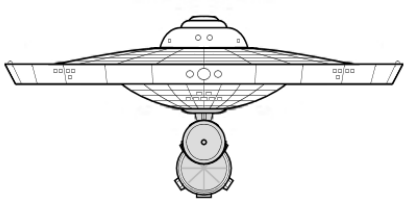
THE *HERMES* CLASS MAY BE A MODEL EXERCISE IN OPTIMISM, DESIGNED MORE TO PLACATE CERTAIN MEMBER WORLDS OF THE FEDERATION. WITH THE 'CONSTITUTION PROJECT' SEEN AS TOO MILITARISTIC, STAR FLEET WAS ORDERED TO CREATE A DEDICATED EXPLORER WITH THE NEWEST TECHNOLOGIES TO FUFILL AS PURELY 'SCIENTIFIC EXPLORATION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

THOUGH THE HERMES CLASS BOASTS IMPRESSIVE SENSOR CAPABILITIES FOR HER TIME, THEIR LIGHT ARMAMENT AND PROBLEMATIC USE OF A SINGLE PB-32 ENGINE LEFT THEIR 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 PROVIDING ESCORT.

THE *HERMES* CLASS WAS DECLARED 'COMPLETE' IN 2259, AND REPLACED BY A VARIETY OF OTHER DESIGNS. DESPITE THE HARDSHIPS, THE CLASS MAY GET A SECOND LEASE ON LIFE ONCE THE UPGRADED *HERMES* (REFIT) CLASS, WHICH WOULD REMOVE THE SB-32 FLAW.

HERMES CLASS - BOW VIEW



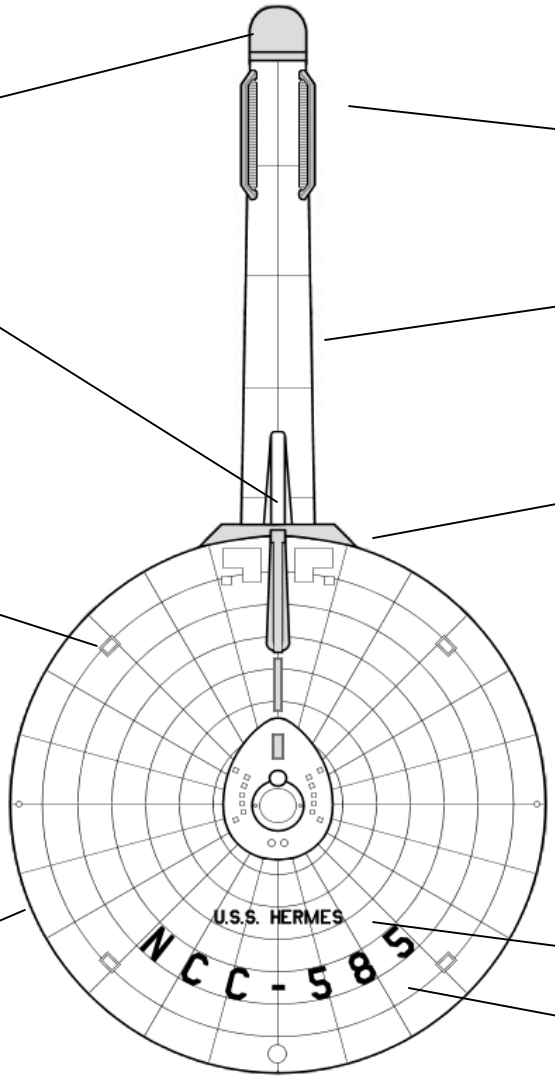
CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	9

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS HERMES	NCC-585	INACTIVE/ UNDERGOING RECONSTRUCTION TO HERMES (R) CLASS SPECIFICATIONS
USS ANUBIS	NCC-586	INACTIVE/ UNDERGOING RECONSTRUCTION TO HERMES (R) CLASS SPECIFICATIONS
USS AEOLUS	NCC-588	DECOMISSIONED
USS QUINTILLUS	NCC-590	DESTROYED
USS BRIDGER	NCC-591	ACTIVE / STARFLEET COMMAND
USS CODY	NCC-594	ACTIVE / STARFLEET COMMAND
USS REVERE	NCC-595	ACTIVE / STARFLEET COMMAND
USS BOWIE	NCC-597	ACTIVE / STARFLEET COMMAND
USS SACAJAWEA	NCC-598	DESTROYED

SCOUT CLASS

HERMES CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING

PB-32 INTERCOOLER

PB-32 PRIMARY WARP ENGINE

ENGINEERING DORSAL PYLON

IPI86E IMPULSE UNIT HOUSING

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

NAVIGATION LIGHTS [P/S]

VESSEL'S COMMISIONED NAME

PRIMARY HULL [SAUCER]

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

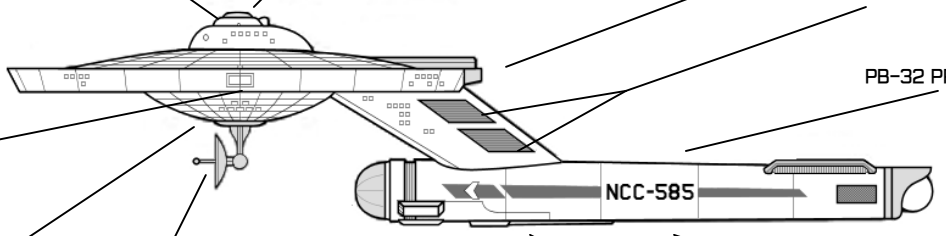
GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / HERMES CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

HERMES CLASS STARSHIPS – PORT VIEW



PRIMARY BRIDGE

PHOTO-REACTIVE UPPER BRIDGE DOME

IPI86E IMPULSE UNIT HOUSING

EMERGENCY FLUSH VENTS [P/S]

PB-32 PRIMARY WARP ENGINE

GANGWAY

MK IV TWIN EMITTER
PHASER BANK [F]

STARFLEET REGISTRY ID [P/S]

ACTIVE SCANNER AND DEFLECTOR SYSTEM

PB32 REACTION CONTROL
SYSTEM

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / HERMES CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	95,000 MT
LENGTH	242 M
BREADTH	127 M
HEIGHT	60 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F,)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—SINGLE (WF 5/7)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	PLASMA FLUSH CONTROL,
DECK TWELVE		WARP GENERATION CONTROL
DECK THIRTEEN		INTERMIX CONTROL ROOMS

SCOUT CLASS

DIANA CLASS STARSHIPS

GENERAL INFORMATION

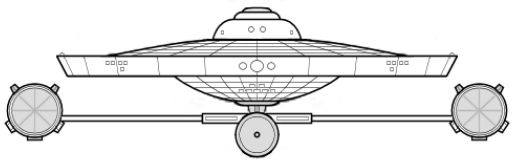
WHEN THE BALANCE PROBLEMS OF THE PB-32 SINGLE ENGINE ARRANGEMENT CAME TO LIGHT, OPINION WAS SHARPLY DIVIDED ON WHAT TO DO ABOUT IT. THE BALANCE ISSUES ONLY MANIFEST BEYOND THE 'CRUISE' RATING OF EACH SHIP SO EQUIPPED. FOR COMBAT SHIPS, THIS WAS SEEN AS A CRITICAL ISSUE, BUT FOR SCOUTS SUCH AS THE *HERMES*, THERE WASN'T NEARLY AS MUCH IMPETUS TO CORRECT THE ISSUE WITH A RUNNING DESIGN CHANGE.

IT'S NOT SURPRISING, THEN, THAT THE *DIANA* CLASS WOULD COME TO LIVE AS AN 'OUTGROWTH' OF THE *POMPEY* CLASS CORRECTION TO THE *SALADIN*. WHEN THE *POMPEY* WAS PUT UP AS A 'FIX' FOR THE REMAINING *SALADIN* CLASS BUILDS, THE DECISION TO MAKE A SIMILAR CORRECTION TO THE REMAINING *HERMES* CLASS BUILDS WAS A NATURAL.

THE NEW DESIGN WOULD CORRECT THE WARP IMBALANCE ISSUE BY REPLACING THE 'NECK' AND SINGLE ENGINE WITH AN INVERTED 'T' PYLON WITH TWO WARP ENGINES AT ITS SIDE. THIS DESIGN WOULD ALLOW FOR A MINIMAL AMOUNT OF RE-ENGINEERING TO THE SHIP'S OVERALL LINES, KEEPING THE SHIPS RELATIVELY CLOSE TO THEIR INITIAL BUDGET.

IN ADDITION TO THE CORRECTION OF THE IMBALANCE, THE RATED SPEEDS OF THE *DIANA* CLASS WOULD ALSO INCREASE, GREATILY EXTENDING THE SCOUTING RANGE OF THE SHIP'S CLASS.

POMPEY CLASS - BOW VIEW



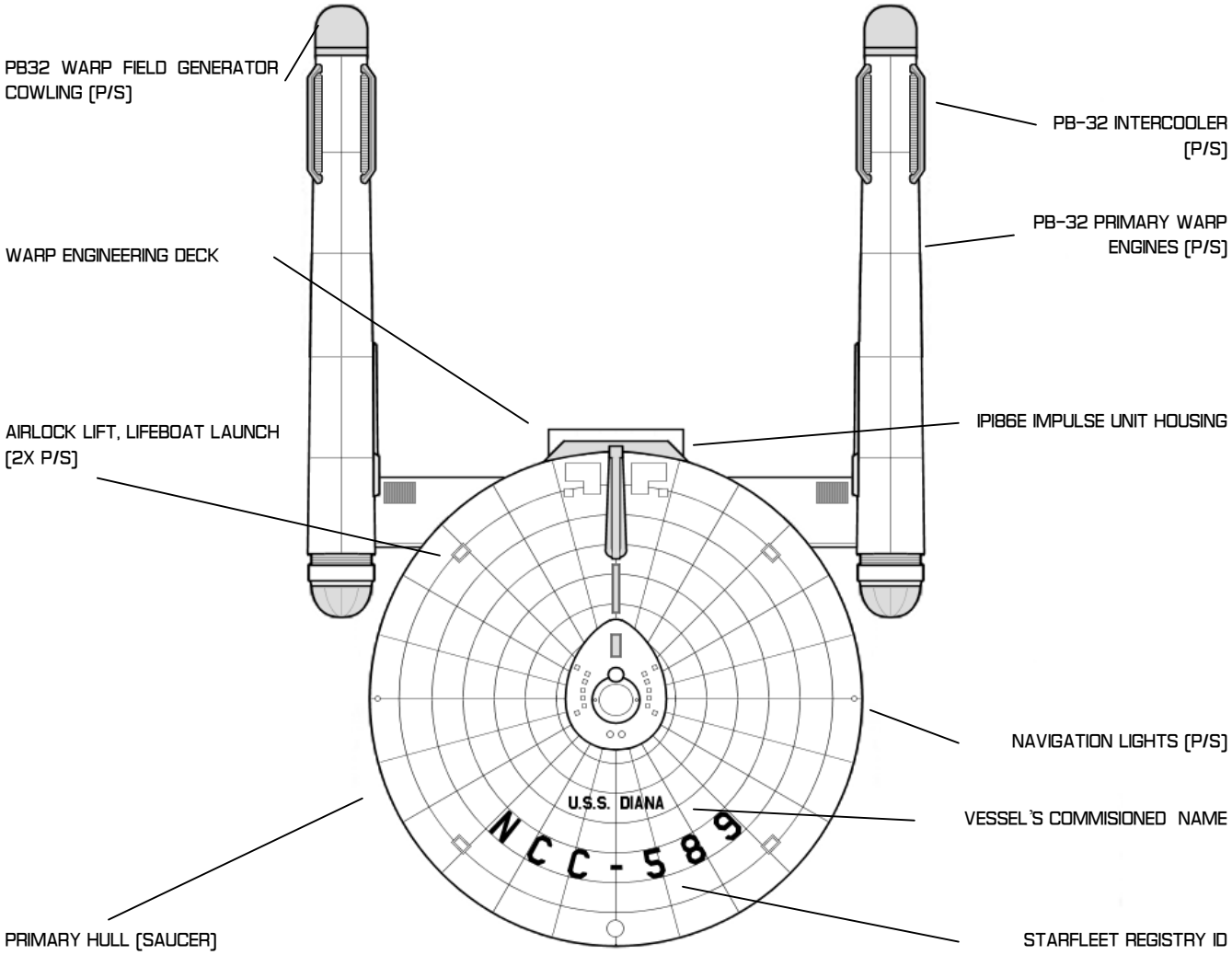
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	6

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS DIANA	NCC-589	ACTIVE / STARFLEET COMMAND
USS CARSON	NCC-592	ACTIVE / STARFLEET COMMAND
USS BATIDOR	NCC-593	ACTIVE / STARFLEET COMMAND
USS SPAKER	NCC-596	ACTIVE / STARFLEET COMMAND
USS TONTI	NCC-599	ACTIVE / STARFLEET COMMAND
USS CROKETT	NCC-600	ACTIVE / STARFLEET COMMAND

SCOUT CLASS

DIANA CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

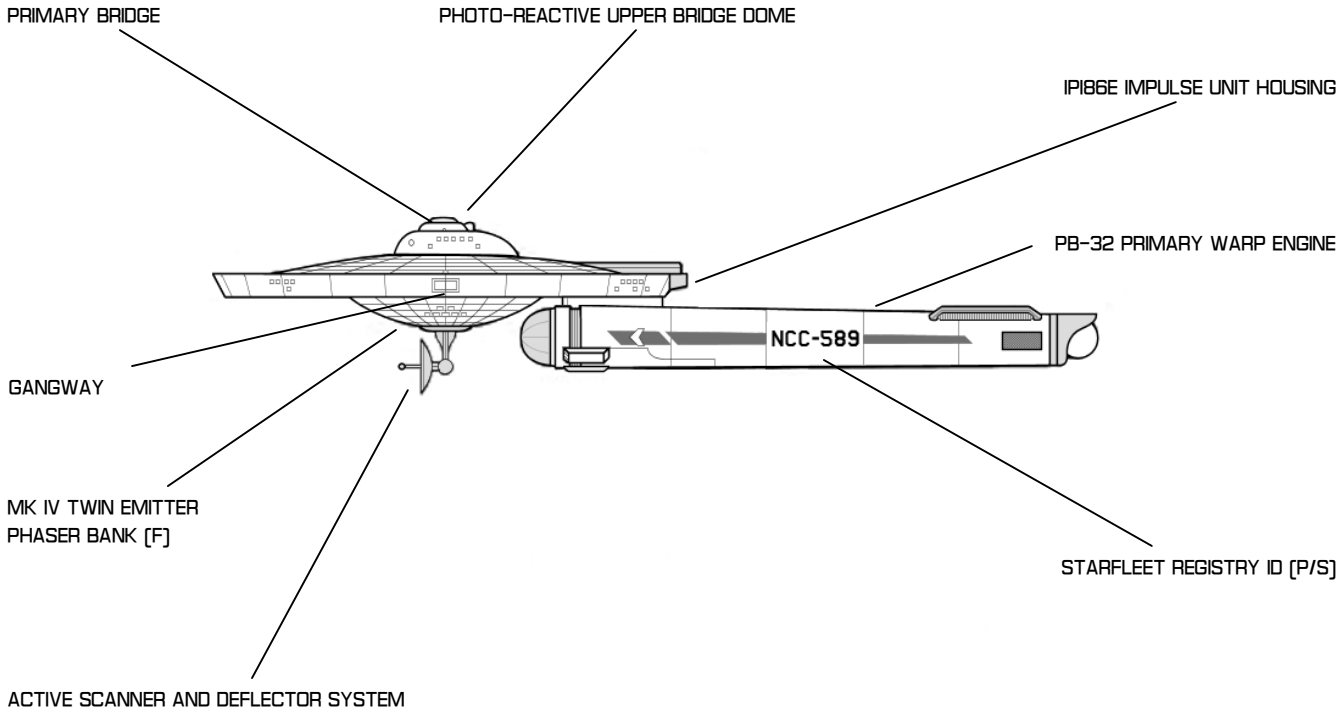
GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / DIANA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

DIANA CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / DIANA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	133,000 MT
LENGTH	234M
BREADTH	127 M
HEIGHT	49 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	PLASMA FLUSH, INTERMIX AND WARP CONTROL ROOMS

SCOUT CLASS

MONOCEROS CLASS STARSHIPS

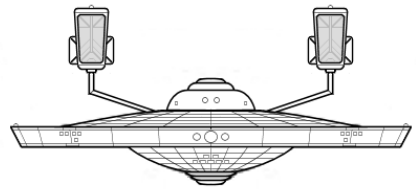
GENERAL INFORMATION

THE *MONOCEROS* IS A UNIQUE SHIP IN ITS OWN CLASS, DESIGNED PRIMARILY AS A TESTBED VESSEL FOR 'NEW GENERATION' TECHNOLOGY. THE MOST STRIKING DIFFERENCE WITH THE *MONOCEROS* FROM PREVIOUS SHIPS IS THE NEW PAIR OF LN-40 WARP ENGINES MOUNTED ABOVE THE MAIN SAUCER. IT IS FOR THESE ENGINES THAT THE SHIP WAS CREATED.

THE *MONOCEROS* IS OFFICIALLY DESIGNATED A 'SCOUT' AND AN UPRATED DESIGN FROM THE *HERMES* FAMILY OF SCOUTS, THOUGH THERE'S LITTLE THE SAME BETWEEN THE *MONOCEROS* AND HER WOULD-BE SISTER SHIPS CONSIDERING THE NEW TECHNOLOGY PLACED WITHIN HER.

DESPITE BEING CONSIDERED A MODERATELY SUCCESSFUL TEST VESSEL, THE AXE FELL ON THE *MONOCEROS* DESIGN ITSELF, WITH NO NEW BUILDS ALLOCATED FOR SHIPS OF THE TYPE. INSTEAD, A NEW DESIGN, EMPLOYING SOME OF THE LESSONS LEARNED FROM THE TEST PROJECT, WOULD BE DEPLOYED IN 2271, THE *OBERTH* CLASS.

MONOCEROS CLASS – BOW VIEW



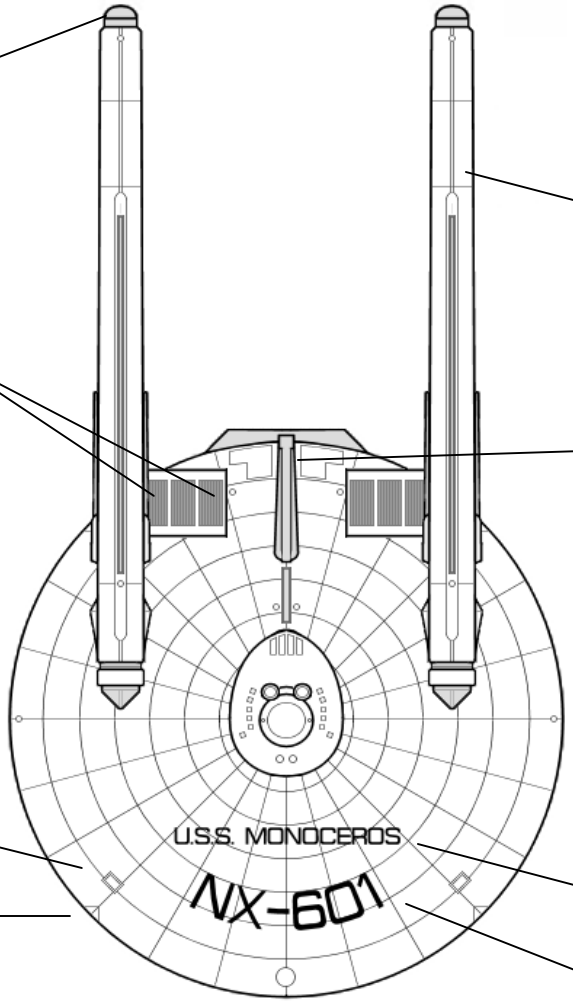
CONSTRUCTION DETAILS

CHIEF OF DESIGN	ARIDAS SOFIA
PRIMARY SHIPYARD	SAN FRANCISCO ORBITAL
PROJECT INITIATION	MARCH 2264, SD 4840
VESSELS CONSTRUCTED	1

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS MONOCEROS	NX-601	ACTIVE / STARFLEET COMMAND

SCOUT CLASS

MONOCEROS CLASS STARSHIPS – DORSAL VIEW



LN40 WARP FIELD GENERATOR COWLING [P/S]

LN-40 PRIMARY WARP ENGINES [P/S]

EMERGENCY FLUSH VENTS [P/S]

IPI86E IMPULSE UNIT HOUSING

PRIMARY HULL [SAUCER]

NAVIGATION LIGHTS [P/S]

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

CHEMICAL PROPULSION THRUSTER [P/S]

VESSEL'S COMMISIONED NAME

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

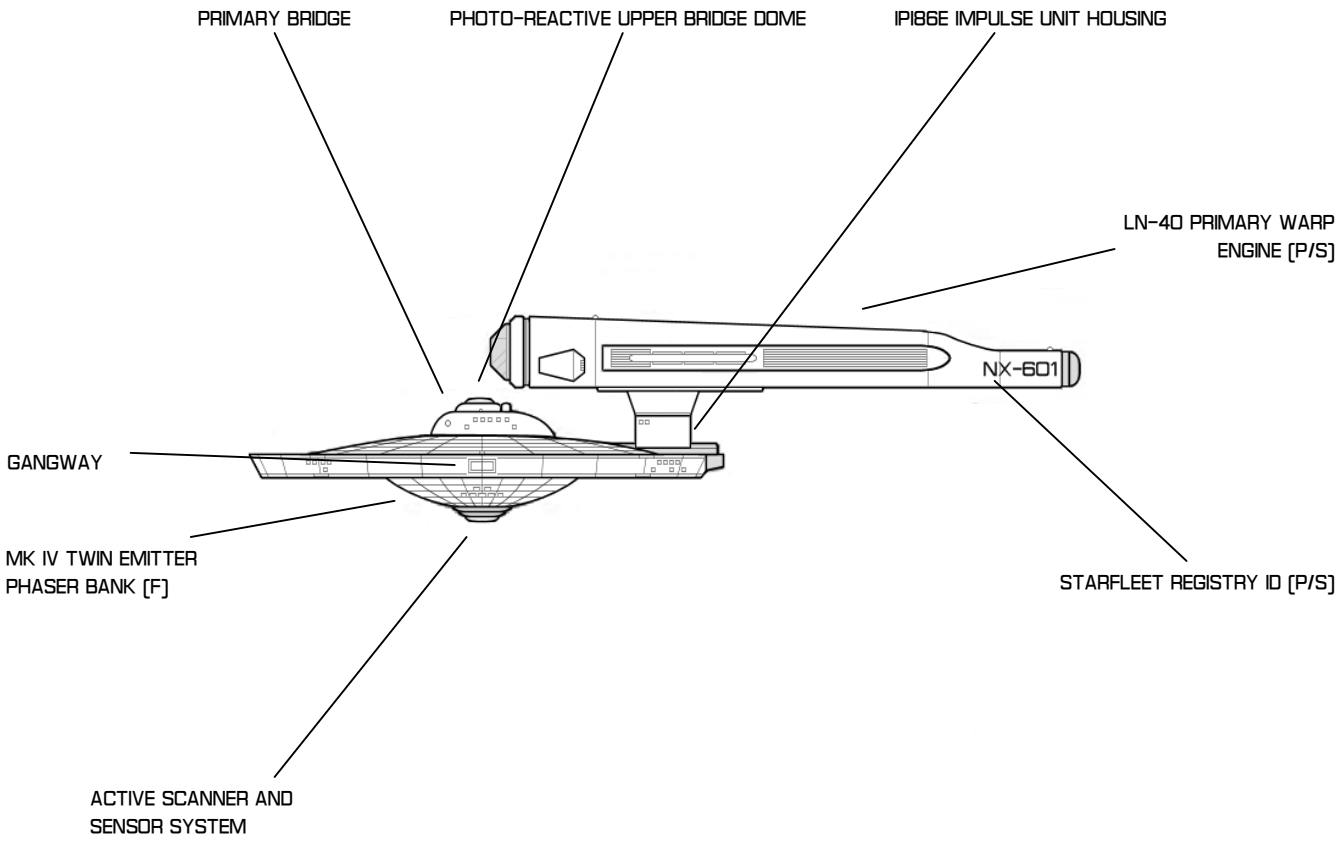
GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SX] / MONOCEROS CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

MONOCEROS CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SX] / MONOCEROS CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	125,000 MT
LENGTH	226M
BREADTH	127M
HEIGHT	56M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-LN MK III—TANDEM (WF 7/9)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SC
MAXIMUM OPERATING RANGE	12 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS, MAIN RECREATION DECK
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

SCOUT CLASS

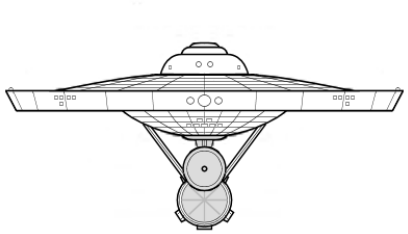
NELSON CLASS STARSHIPS

GENERAL INFORMATION

THE *NELSON* CLASS WAS AN OBVIOUS VARIANT AND REWORKING OF THE *HERMES* CLASS SCOUT, SOMEWHAT OVERCOMING SOME OF ITS WEAKNESSES TO SERVE AS A BORDER OBSERVATION SHIP. THESE SHIPS ENGAGED IN SOME SCIENTIFIC WORK, BUT THEIR ENHANCED SENSORS AND COMPUTER SYSTEMS ARE DESIGNED PRIMARILY TO SCAN THE SKIES FOR HOSTILE THREATS, INCLUDING PENETRATING THE EARLY CLOAKING DEVICES USED AT THE TIME.

THE *NELSON* CLASS STILL SUFFERS FROM THE LONE SB-32 ENGINE DRAWBACKS, THOUGH AN ATTEMPT TO 'BALANCE' THE INTERMIX SYSTEM WAS EXPERIMENTED WITH, RESULTING IN THE SPLIT-PYLON APPROACH USED HERE, REINFORCING THE SHIP'S OVERALL STRUCTURE. THIS DIDN'T ALLEVIATE THE PROBLEM OF THE IMBALANCE, BUT DID MAKE THE SHIP OVERALL MORE SURVIVABLE IN CASE TROUBLE DID ARISE.

HERMES CLASS - BOW VIEW



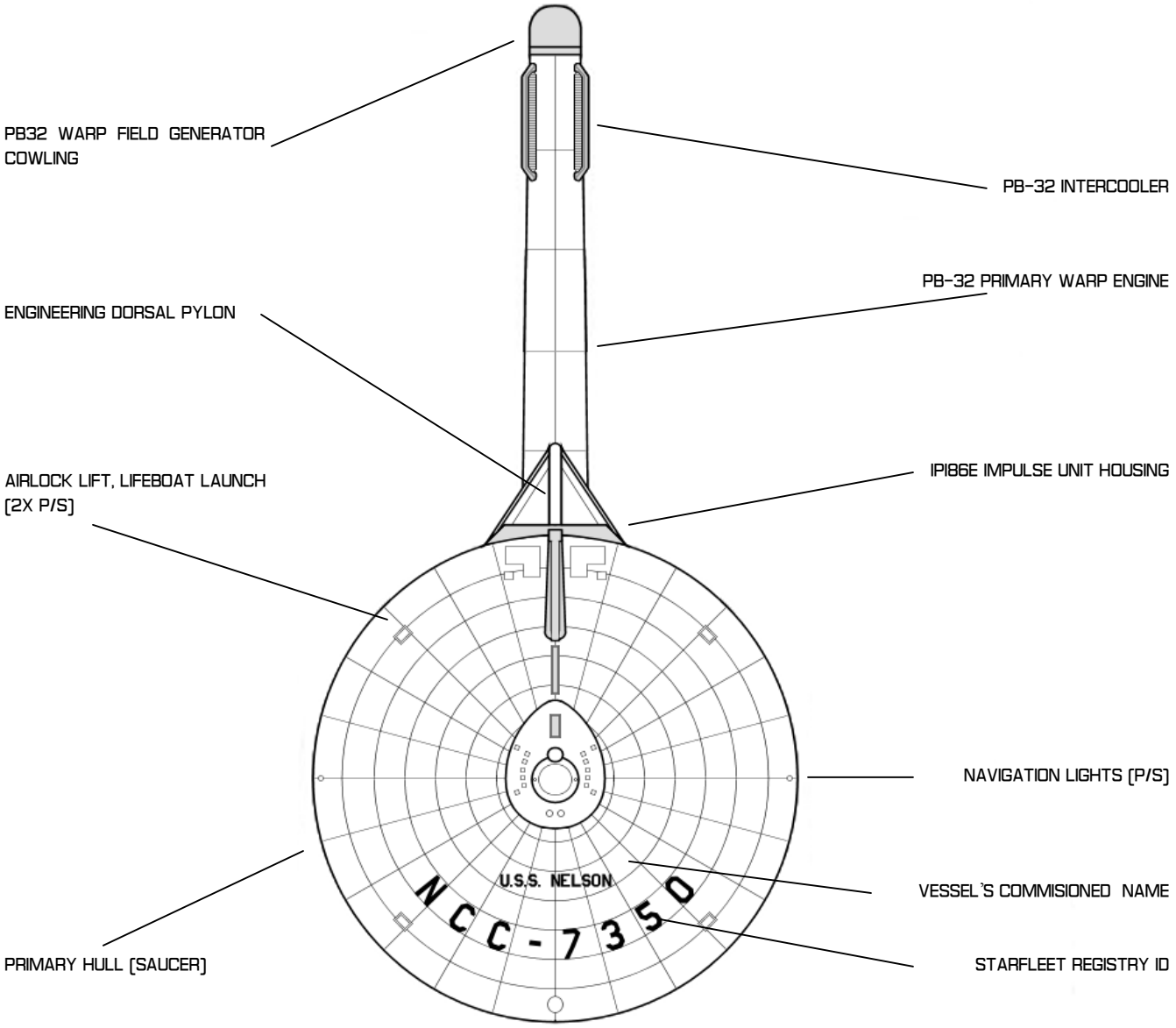
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DANA KNUTSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	6

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS NELSON	NCC-7350	INACTIVE/ UNDERGOING RECONSTRUCTION TO HERMES (R) CLASS SPECIFICATIONS
USS SAGER	NCC-7351	INACTIVE/ UNDERGOING RECONSTRUCTION TO HERMES (R) CLASS SPECIFICATIONS
USS MOISANEN	NCC-7352	DECOMISSIONED
USS MANZER	NCC-7353	DESTROYED
USS WEBLO	NCC-7354	ACTIVE / STARFLEET COMMAND
USS NOSTROMO	NCC-7355	ACTIVE / STARFLEET COMMAND
USS EAGLE	NCC-7356	DECOMISSIONED
USS HAWK	NCC-7357	ACTIVE / STARFLEET COMMAND
USS SCAVENGER	NCC-7358	ACTIVE / STARFLEET COMMAND
USS FALCON	NCC-7359	ACTIVE / STARFLEET COMMAND
USS RAVEN	NCC-7360	ACTIVE / STARFLEET COMMAND

SCOUT CLASS

NELSON CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

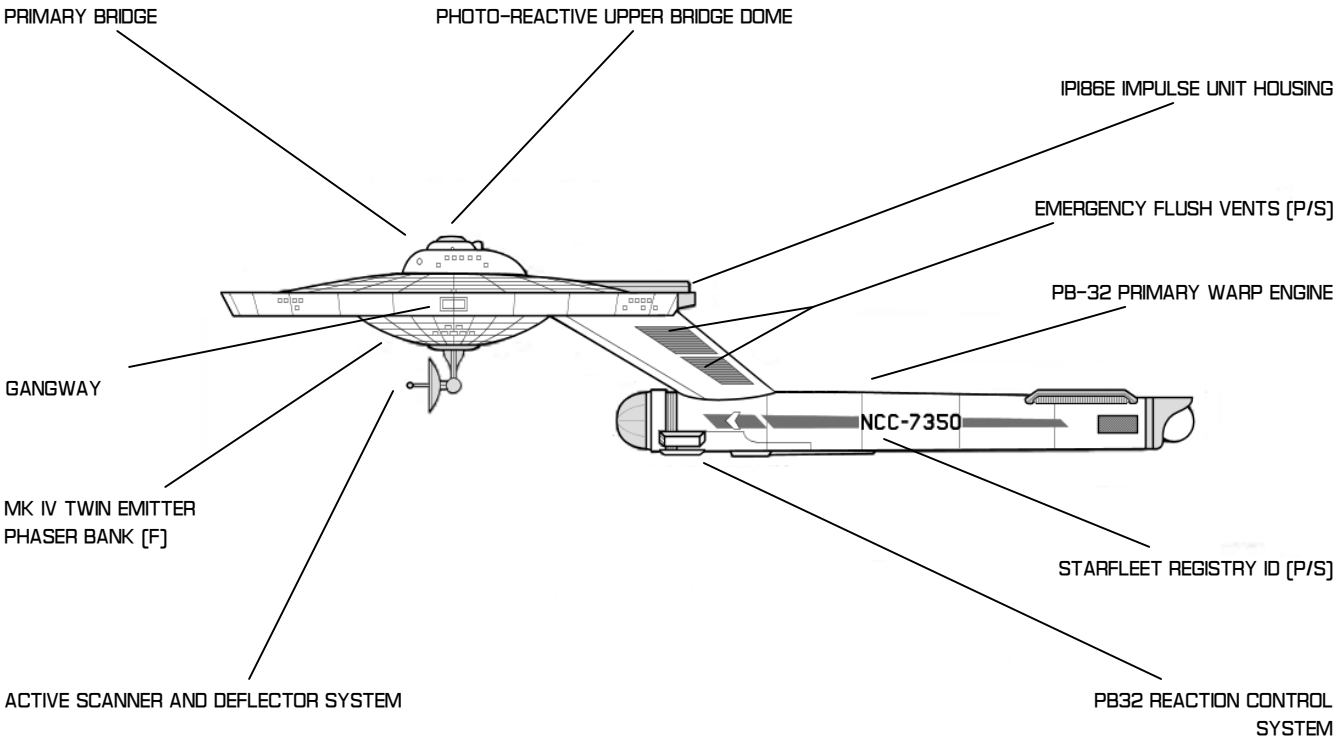
GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / NELSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

NELSON CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SCOUT [SC] / NELSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SCOUT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	105,000 MT
LENGTH	265 M
BREADTH	127 M
HEIGHT	61 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F,)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—SINGLE (WF 5/7)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

SURVEYOR CLASS

DONOVAN CLASS STARSHIPS

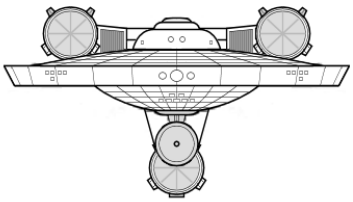
GENERAL INFORMATION

THE *DONOVAN* CLASS IS AN OUTGROWTH OF THE *ORTEGA* DESTROYER DESIGN. AS WITH THE *SALADIN* AND *HERMES* CLASSES, THE CONCEPT WAS TO HAVE A NEARLY-IDENTICAL SHIP TO THE DESTROYER, BUT TO CHANGE THE EQUPIMETN WITHIN TO ALLOW FOR AN EXPLORATION AND SCIENTIFIC ROLE, RATHER THAN ONE FOR A WARPSHIP.

ONLY A SMALL HANDFUL OF *DONOVAN* CLASS VESSELS WERE APPROVED, HOWEVER, AS MANY IN APPROPRIATIONS FELT THAT THE ROLE WAS ALREADY MORE THAN FULFILLED BY VARIOUS OTHER CLASSES ALREADY IN PRODUCTION. THE DONOVAN'S ALLOWED WOULD BE TO REPLACE SHPS OF THE *CAPELLA* OR *HERMES* CLASS WHICH WERE EITHER LOST OR DEEMED UNSUITABLE FOR REPAIR AND REFIT.

THOUGH NOT EVEN NEAR THE END OF THEIR LIFE-SPANS, THE CLASS HAS BEEN DECLARED 'COMPLETE', AS HER INTENDED ROLE IS TO BE SUPERCEEDED BY THE UPCOMING *OBERTH* CLASS OF SCOUT SHIPS.

DONOVAN CLASS - BOW VIEW



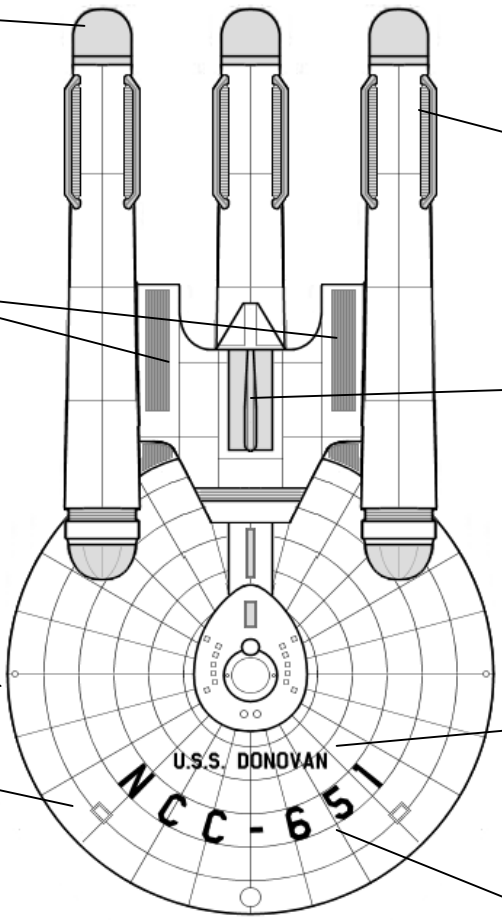
CONSTRUCTION DETAILS

CHIEF OF DESIGN	STEVEN COLE
PRIMARY SHIPYARD	SAN FRANCISCO ORBITAL
PROJECT INITIATION	MARCH 2264, SD 3220
VESSELS CONSTRUCTED	7

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS DONOVAN	NCC-651	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS GEHLEN	NCC-652	ACTIVE / STARFLEET COMMAND
USS CASEY	NCC-653	ACTIVE / STARFLEET COMMAND
USS DZHERZINSKI	NCC-654	ACTIVE / STARFLEET COMMAND
USS CANARIS	NCC-655	ACTIVE / STARFLEET COMMAND
USS THOMPSON	NCC-656	ACTIVE / STARFLEET COMMAND

SURVEYOR CLASS

DONOVAN CLASS STARSHIPS – DORSAL VIEW



PB-32S WARP FIELD GENERATOR COWLING [P/S, INBOARD]

PB-32 SPRIMARY WARP ENGINES [P/S]

EMERGENCY FLUSH VENTS [P/S]

IPI86E IMPULSE UNIT HOUSING

NAVIGATION LIGHTS [P/S]

PRIMARY HULL [SAUCER]

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

VESSEL`S COMMISIONED NAME

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

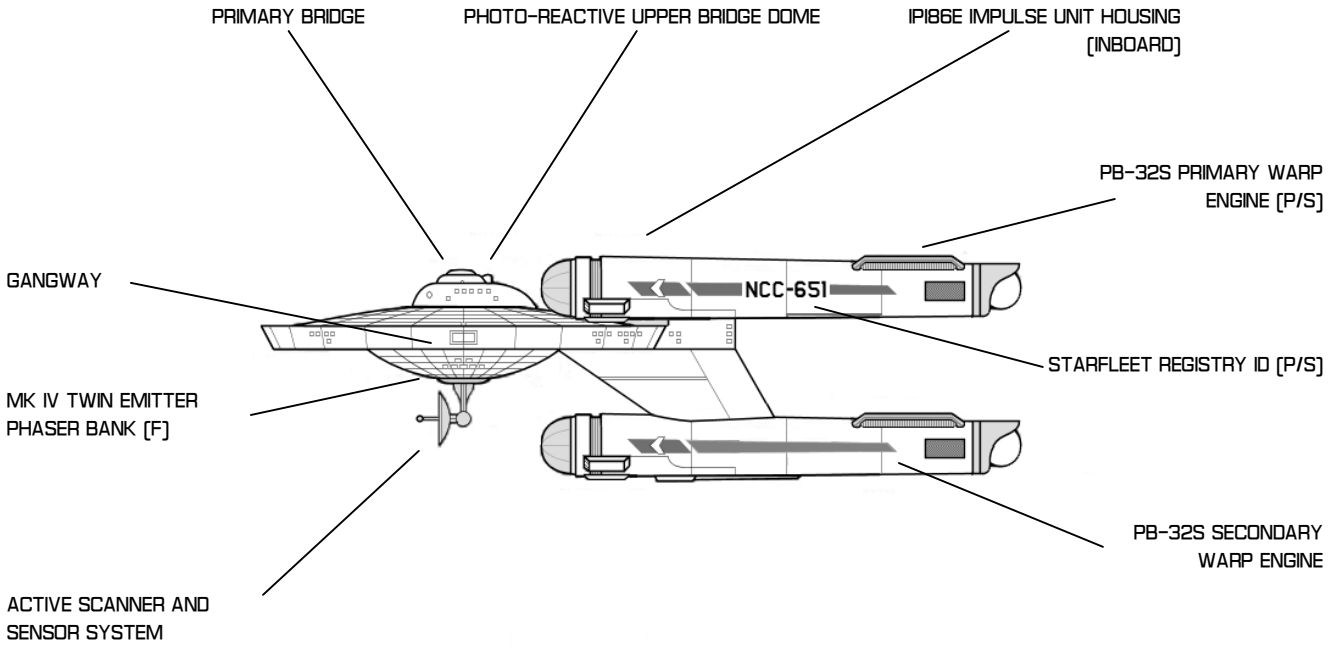
GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SA] / DONOVAN CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	STEVEN COLE
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

DONOVAN CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SA] / DONOVAN CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	STEVEN COLE
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	136,000 MT
LENGTH	207M
BREADTH	112M
HEIGHT	62M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32S MK III—TRIPLE (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	3 STD / 3 EVAC / 3 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS, MAIN RECREATION DECK
DECK FIVE		OFFICER'S QUARTERS
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK NINE	DORSAL (PYLON)	PLASMA FLUSH CONTROL,
DECK TEN	DORSAL (PYLON)	WARP GENERATION CONTROL
DECK ELEVEN	DORSAL (PYLON)	INTERMIX CONTROL ROOMS

SURVEYOR CLASS

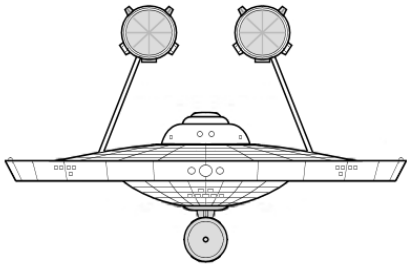
DERF CLASS STARSHIPS

GENERAL INFORMATION

AN EARLY 'COSNTITUTION' CLAS CONTEMPRORARY, THE *DERF* FUNCTIONS PRIMARILY AS A LONG RANGE SURVEYOR, TASKED WITH DUTIES SUCH AS STELLAR CARTOGRAPHY, ESTABLISHING SUBSPACE RELAY COMMUNICATION LINES, AND PLANETARY/ RESOURCE MAPPING. SINCE MUCH OF THE DUTIES OF THE *DERF* INVOLVE MAINTENANCE, SHE'S OFTEN ERRONENOUSLY REFERRED TO AS A 'TENDER' CLASS.

AS SUCH, THE *DERF* CLASS IS LESS ABOUT 'EXPLORING THE UNKNOWN', BUT MORE ABOUT SECURING THE FEDERATION'S INFRASTRUCTURE ON THE FRONTIER. THE UNUSUALLY HEAVY DESIGN FOR A SHIP OF THIS TYPE IS DUE TO THE MULTIPLE TASKS REQUIRED AND OFTEN LONG-DURATION VOYAGES THAT THESE SHIPS ARE OFTEN ASSIGNED.

DERF CLASS - BOW VIEW



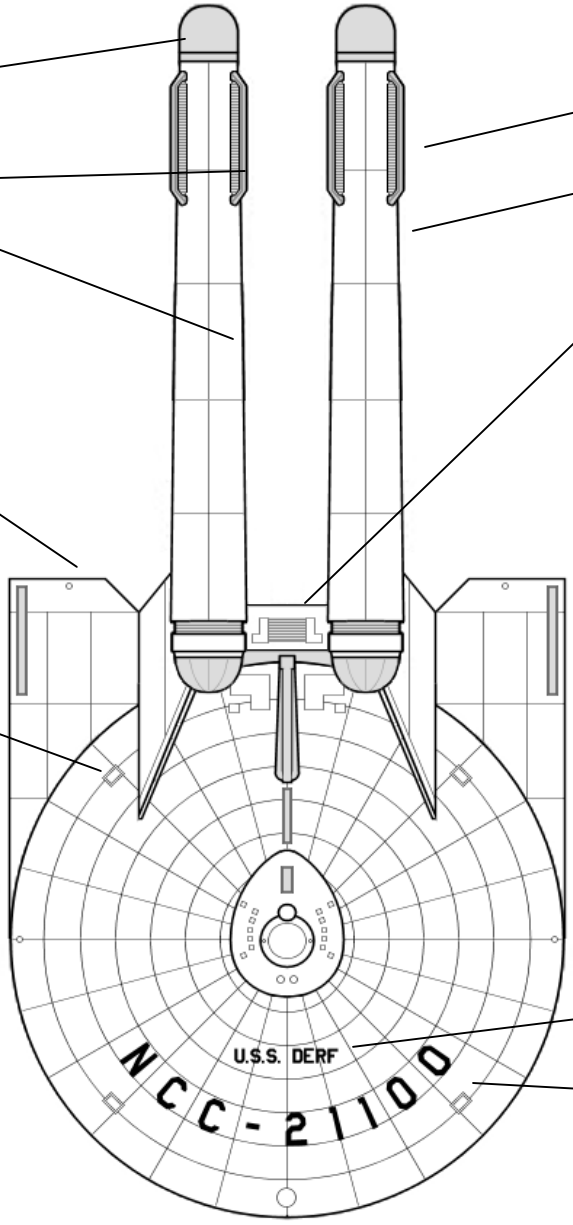
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DANA KNUTSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	24

VESSEL NAME (MOST RECENT)	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS DERF	NCC-20100	CLASS SHIP; REFIT TO DERF (REFIT) CLASS IN 2272
USS ACROPOLIS	NCC-20101	DESTROYED
USS KERAMEIKOS	NCC-20102	INACTIVE/ UNDERGOING RECONSTRUCTION TO DERF (R) CLASS SPEC.
USS AMLEV	NCC-20103	INACTIVE/ UNDERGOING RECONSTRUCTION TO DERF (R) CLASS SPEC.
USS HEPHAISTAION	NCC-20104	INACTIVE/ UNDERGOING RECONSTRUCTION TO DERF (R) CLASS SPEC.
USS YBOOCS	NCC-20105	ACTIVE / STARFLEET COMMAND
USS ERECHTHEUM	NCC-20106	ACTIVE / STARFLEET COMMAND
USS KORE	NCC-20107	DECOMISSIONED
USS PARTHENON	NCC-20108	ACTIVE / STARFLEET COMMAND
USS PLACA	NCC-20109	ACTIVE / STARFLEET COMMAND
USS YGGAHS	NCC-20110	ACTIVE / STARFLEET COMMAND
USS HERODES	NCC-20111	ACTIVE / STARFLEET COMMAND
USS ENHPAD	NCC-20112	ACTIVE / STARFLEET COMMAND
USS PROPYLAEA	NCC-20113	ACTIVE / STARFLEET COMMAND
USS PINAKOTHEKE	NCC-20114	DECOMISSIONED
USS ATTALOS	NCC-20115	ACTIVE / STARFLEET COMMAND
USS THRASYLLOS	NCC-20116	ACTIVE / STARFLEET COMMAND
USS PHILOPAPPOS	NCC-20117	ACTIVE / STARFLEET COMMAND
USS PANATHENA	NCC-20118	INACTIVE/ UNDERGOING RECONSTRUCTION TO DERF (R) CLASS SPEC.
USS KALLIAKMANIS	NCC-20119	INACTIVE/ UNDERGOING RECONSTRUCTION TO DERF (R) CLASS SPEC.
USS COCLANUS	NCC-20120	ACTIVE / STARFLEET COMMAND
USS ANDREA	NCC-20121	ACTIVE / STARFLEET COMMAND
USS GRONHOLM	NCC-20122	ACTIVE / STARFLEET COMMAND
USS AURIOL	NCC-20123	ACTIVE / STARFLEET COMMAND

SURVEYOR CLASS

DERF CLASS STARSHIPS—DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

PB-32 INTERCOOLER

PB-32-S PRIMARY WARP ENGINE [P/S]

IPI86E IMPULSE UNIT HOUSING

AFT NAVAGATION LIGHTS [P/S]

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

NAVIGATION LIGHTS [P/S]

VESSEL'S COMMISIONED NAME

PRIMARY HULL [SAUCER]

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

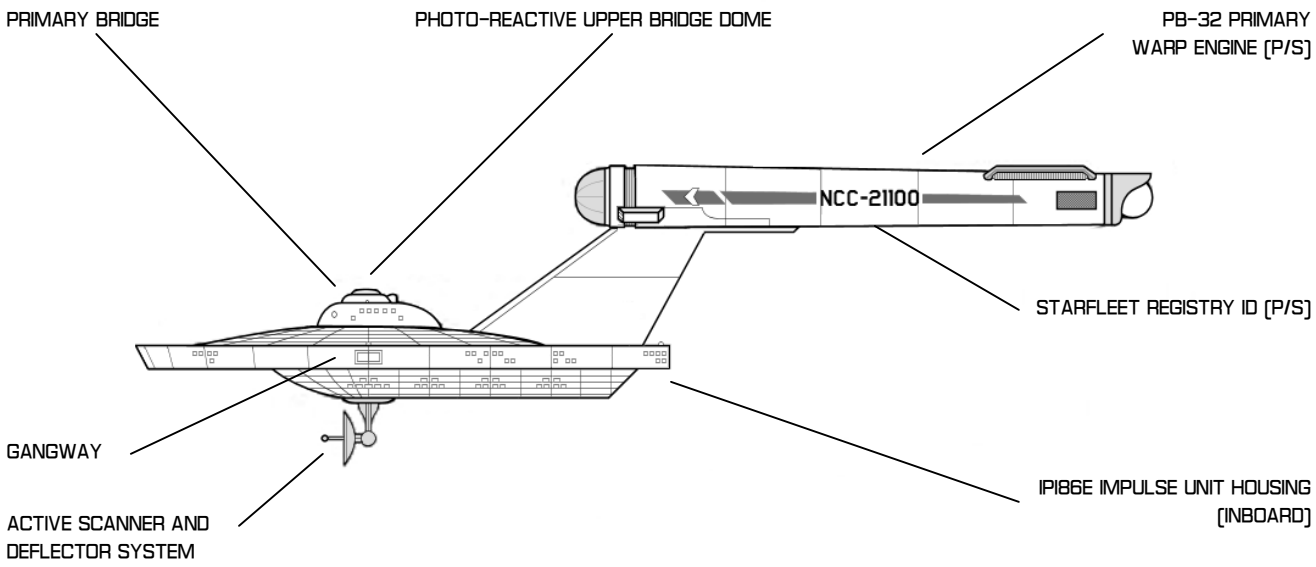
GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SCA] / DERF CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

DERF CLASS STARSHIPS—DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SCA] / DERF CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	187

DIMENSIONS	
DEADWEIGHT TONNAGE	135,000MT
LENGTH	287M
BREADTH	127M
HEIGHT	81M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE W "WORKBEE" POD	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	EXP/INFRASTRUCTURE., SCA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD (SAUCER)	BRIDGE
DECK TWO	FORWARD (SAUCER)	SCIENCE LABS
DECK THREE	FORWARD (SAUCER)	PHOTON CONTROL,
DECK FOUR	FORWARD (SAUCER)	OFFICER'S QUARTERS
DECK FIVE	FORWARD (SAUCER)	OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK ONE	AFT (PYLON)	STORAGE, EMERGENCY PB-32 ACCESS
DECK TWO	AFT (PYLON)	PLASMA FLUSH, INTERMIX AND WARP CONTROL ROOMS
DECK THREE	AFT (PYLON)	AUXILLARY MACHINERY
DECK FOUR	AFT (PYLON)	AUXILLARY MACHINERY,
DECK FIVE	AFT (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

SURVEYOR CLASS

CAHUYA CLASS STARSHIPS

GENERAL INFORMATION

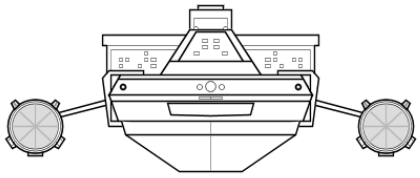
THE FIVE SHIPS OF THE *CAHUYA* CLASS WERE ORIGINALLY DESIGNED AS MILITARY-ORIENTED CRUISERS, BUT THE SPECIFICS OF THE CLASS WAS SOUNDLY OUT-PERFORMED BY THE THEN-NEW *CONSTITUTION* CLASS VESSELS. STAR FLEET HAD COMMISSIONED FIVE SHIPS THAT NOW SEEMED OBSOLETE BEFORE THEY HAD EVEN BEEN COMPLETED!

RATHER THAN WASTE THE VESSELS, HOWEVER, STAR FLEET RE-APPROPRIATED THE FIVE SHIPS ALREADY STARED AND MADE THEM INTO LONG-RANGE SURVEYORS., ALLOWING CONSTRUCTION OF EACH SHIP TO BE COMPLETED WITH MORE MODERN COMPONENTS.

THE CLASS, UNDER ITS NEW MISSION OBJECTIVE, WAS A LIMITED SUCCESS. THOUGH THE SHIPS PERFORMED REASONABLY WELL EARLY IN THEIR CAREERS, THE DATED HULL FRAME PROVED UNWORKABLE FOR CONSISTANT UPGRADES. OTHER SHIPS CLASSES WITH LESS 'RIGID' DESIGNS SOON OVERTOOK THE *CAHUYA* IN TERMS OF DESIRABILITY AND THESE SHIPS HAVE FALLEN BY THE WAYSIDE IN THEIR USE.

THE REMAINING TWO SHIPS OF THE CLASS HAVE REACHED THE END OF THEIR LIFE CYCLE, AND ARE SCHEDULED FOR DECOMMISSIONING WITHIN THE 2270S.

CAHUYA CLASS – BOW VIEW



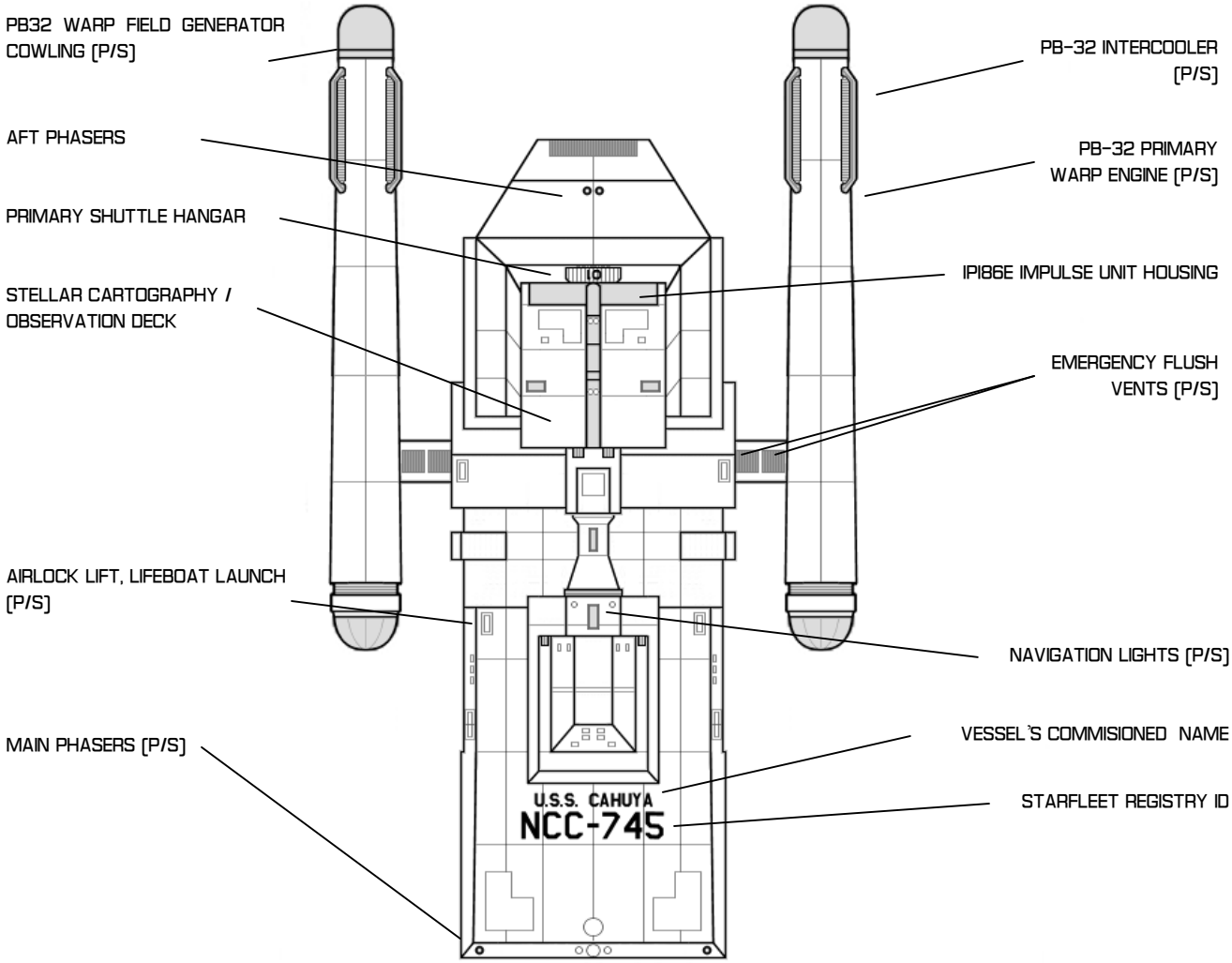
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	5

VESSEL NAME (MOST RECENT)	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS CAHUYA	NCC-745	CLASS SHIP; DECOMISSIONED
USS DATOR	NCC-746	DECOMISSIONED
USS TURA	NCC-747	DECOMISSIONED
USS NONOY	NCC-748	ACTIVE / STARFLEET COMMAND
USS CAMANAY	NCC-749	ACTIVE / STARFLEET COMMAND

SURVEYOR CLASS

CAHUYA CLASS STARSHIPS—DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

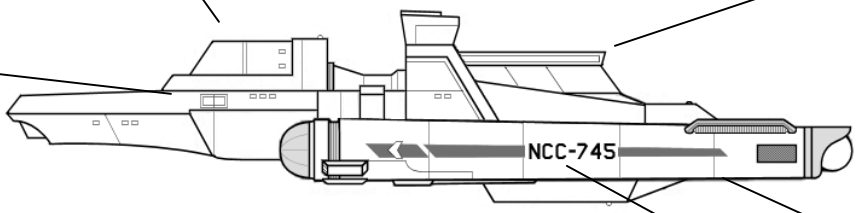
GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SCA] / CAHUYA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

CAHUYA CLASS STARSHIPS—PORT VIEW



OBSERVATION / STELLAR CARTOGRAPHY DECKS

COMMAND TOWER

ENGINEERING DECK/ IMPULSE DRIVE SECTION

GANGWAY

PRIMARY PHASERS [X2] [INBOARD]

PB32 WARP ENGINES [P/S]

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
SURVEYOR [SCA] / CAHUYA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

SURVEYOR CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	25
CREW	360

DIMENSIONS	
DEADWEIGHT TONNAGE	165,000 MT
LENGTH	231M
BREADTH	130M
HEIGHT	53M

ARMAMENTS	
PHASERS	MK IV SINGLE EMITTER (X2A, X2 F, X2V)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	MK III LX SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III SENSORY SYSTEM
TRANSPORTERS	3 STD / 3 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEYOR (SCA)
MAXIMUM OPERATING RATING	25 YEARS

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD	BRIDGE
DECK 'A'	AFT	OBSERVATION DECK
DECK ONE	AFT	STELLAR CARTOGRAPHY
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, COMPUTER ARRAY, SENSOR AND SCANNER CONTROL
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		SHIP'S STORES

PROSPECTOR CLASS

CAPELLA CLASS STARSHIPS

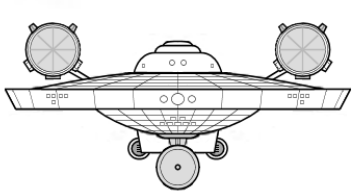
GENERAL INFORMATION

THE *CAPELLA*'S DESIGN BEGAN LIFE AS A LATE *BATON ROUGE* CONTEMPRORARY BUT SAW A MAJOR REDESIGN SHORTLY BEFORE THE CLASS WAS TO BE LAUNCHED, OWING TO THE INNOVATIONS OF THE PB-32 WARP ENGINE. FORTUNATELY, THE SHIP WAS ABLE TO COME OUT ON SCHEULDE AND MUCH OF THE REDESIGN CONSITED OF ACCOMMODATING THE NEW ENGINES AND NEW STANDARDIZED 'SAUCER' SECTION NOW FAMILIAR ON MANY STARSHIPS.

AS ENVISIONED, THE SHIPS WOULD CHART AND SCAN THE SYSTEMS WITHIN 'CLAIMED' FEDERATION AND EXPLORATION SPACE, LARGELY OUT OF REACH OF THE HOSTILE VESSELS. SINCE THAT TIME, THE *CAPELLA* CLASS CRAFT ALSO ENJOYED SUCCESS AS LONG-DURATION SCIENFITIC 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 PROSPECTING MISSIONS ON NEW FEDERATION-CLAIMED WORLDS.

CAPELLA CLASS - BOW VIEW



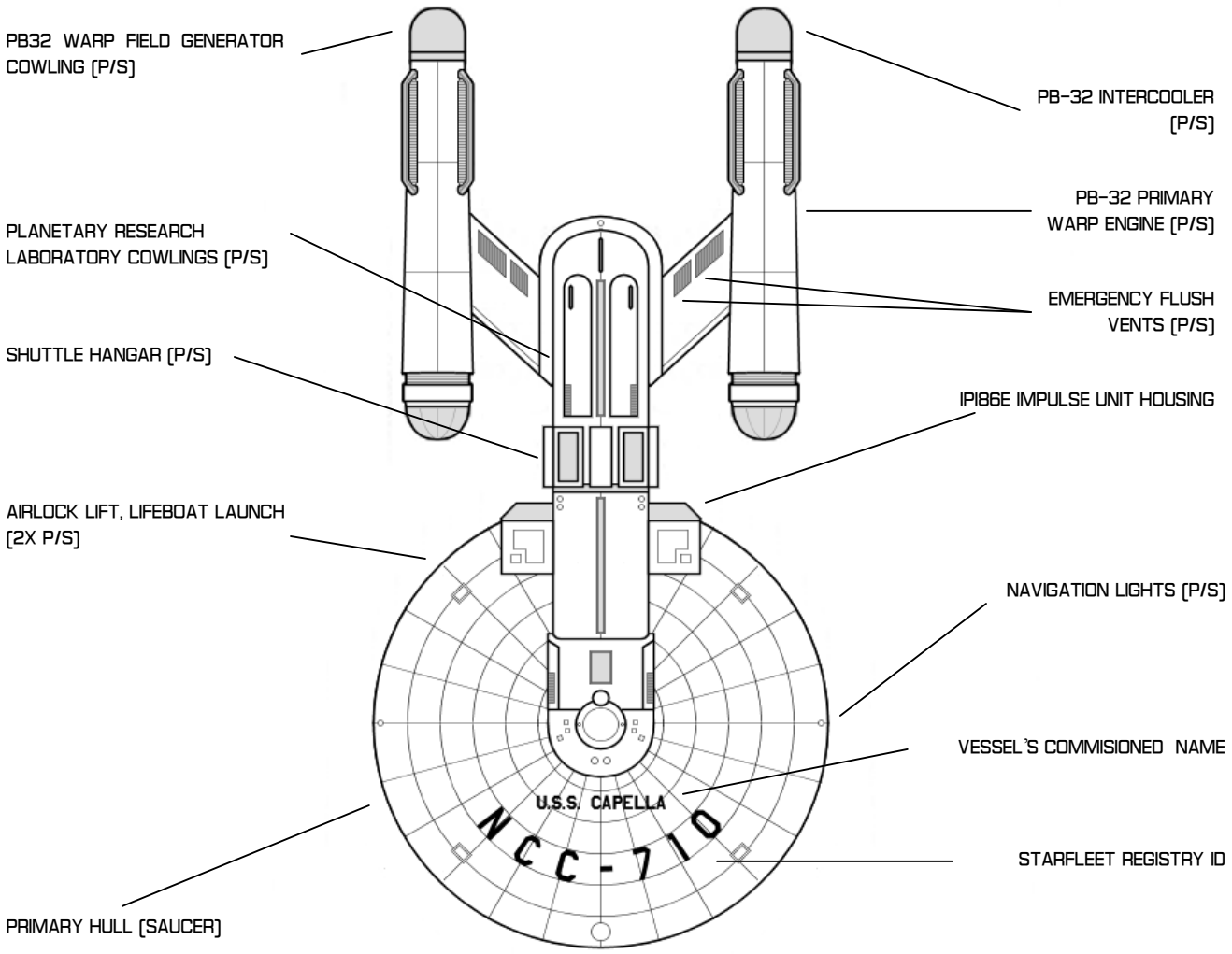
CONSTRUCTION DETAILS

CHIEF OF DESIGN	BRIAN PIMENTA
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	16

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS CAPELLA	NCC-710	DECOMISSIONED
USS ARGONNE	NCC-711	DECOMISSIONED
USS ECHO	NCC-712	DECOMISSIONED
USS LLOYDS	NCC-713	ACTIVE / STARFLEET COMMAND
USS OREGON	NCC-714	ACTIVE / STARFLEET COMMAND
USS ROEBUCK	NCC-715	DECOMISSIONED
USS GLEANER	NCC-716	ACTIVE / STARFLEET COMMAND
USS ANTARES	NCC-717	DESTROYED
USS DARKHAK	NCC-718	ACTIVE / STARFLEET COMMAND
USS DOWDITCH	NCC-719	ACTIVE / STARFLEET COMMAND
USS DALS	NCC-720	ACTIVE / STARFLEET COMMAND
USS PARIZEAU	NCC-721	ACTIVE / STARFLEET COMMAND
USS FRIBERGA	NCC-722	ACTIVE / STARFLEET COMMAND
USS ABILITY	NCC-723	ACTIVE / STARFLEET COMMAND
USS MERCURY	NCC-724	ACTIVE / STARFLEET COMMAND
USS HASKINS	NAR-1324	DECOMISSIONED

PROSPECTOR CLASS

CAPELLA CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

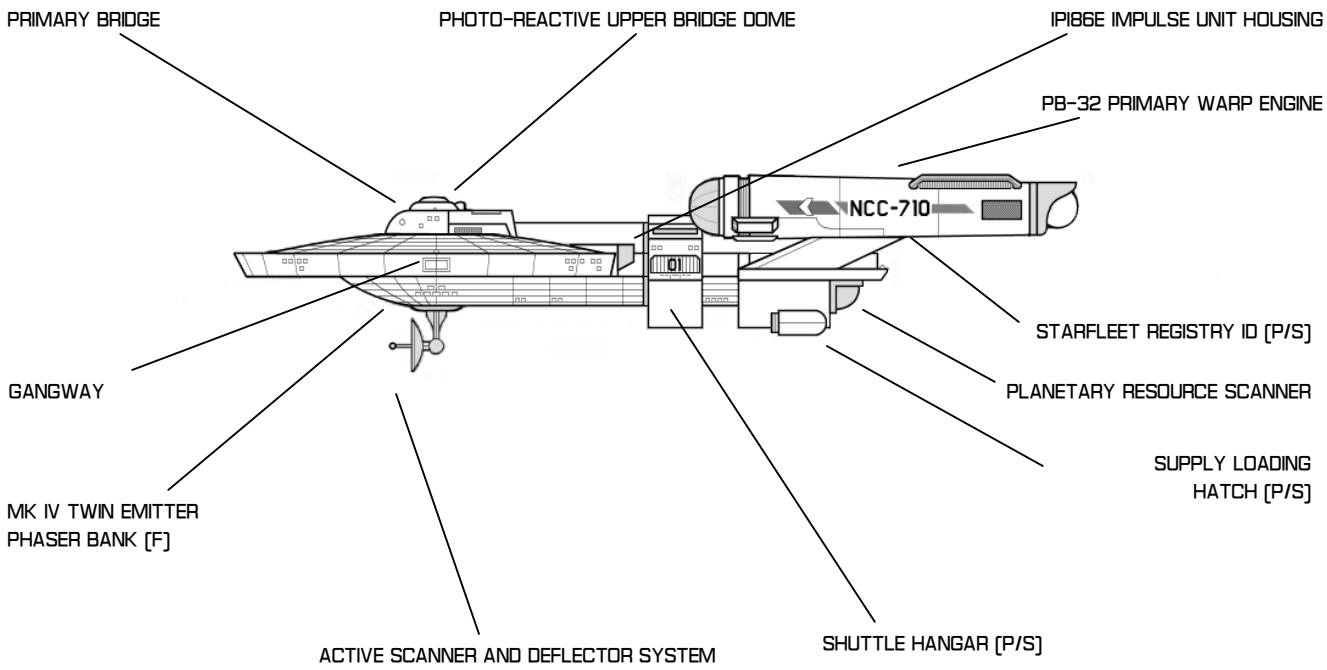
GENERAL PLANS:/RECOGNITION DETAIL
PROSPECTOR [SCP] / CAPELLA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	BRIAN PIMENTA
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

PROSPECTOR CLASS

CAPELLA CLASS STARSHIPS – PORT VIEW



PROSPECTOR CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	10
CREW	45

DIMENSIONS	
DEADWEIGHT TONNAGE	89,000MT
LENGTH	230 M
BREADTH	110 M
HEIGHT	54 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F,)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32-S MK III—TANDEM (WF 5/7)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4
TYPE 'W' WORKBEE POD	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PROSPECTOR, SCOUT, SCP
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO, THREE		SCIENCE LABS
DECK FOUR, FIVE		,OFFICER`S QUARTERS,,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		AUX CONTROL, PERSONELL GANGWAY ACCESS, SHUTTEBAY, SCIENCE LABS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE, PLANETARY SENSOR SYSTEM
DECK TEN		RECREATION DECKS, STORAGE, PLANETARY SENSOR SYSTEM
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

DESTROYER CLASS

SALADIN CLASS STARSHIPS

GENERAL INFORMATION

THE *SALADIN* CLASS WAS, IN THEORY, THE '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.

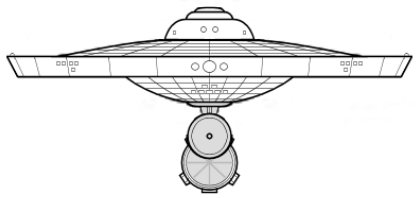
EARLY INTO THE CLASS PRODUCTION, HOWEVER, A POTENTIALLY SEVERE PROBLEM BEGAN TO MANIFEST ITSELF. UNLIKE THE PREVIOUS GENERATION ENGINES, THE PB-32 USED ON THE *SALADIN* WOULD GENERATE INSTABILITY THAT COULD LEAD TO ACCIDENTAL WORMHOLE EFFECTS OR STRUCTURAL DAMAGE IF PRESSED NEAR MAXIMUM OUTPUTS.

EVEN THOUGH A SKILLED ENGINEER COULD COMPENSATE FOR THIS FLAW, THIS WAS STILL, OBVIOUSLY, NOT CONSIDERED AN ACCEPTABLE SITUATION FOR A SHIP DESIGNED TO SERVE UNDER HIGH-STRESS CONDITIONS, AND AT A MOMENT'S NOTICE!

DESPITE THIS SHORTCOMING, THE POWER GENERATED BY THE PB-32 WAS STILL SUBSTANTIALLY GREATER THAN ITS PREDECESSOR AND THE "SAFE" WARP SPEEDS ALSO MATCHED OR SLIGHTLY BETTERED THE PREVIOUS GENERATION AS WELL.

THOUGH NOT AS STELLAR A PERFORMER AS HOPED, DUE TO THE INSTABILITY OF THE SINGLE PB-32 ENGINE, THE DESTROYER WAS PUT INTO HEAVY PRODUCTION TO SERVE AS NEEDED DEFENSE ALONG THE NEUTRAL ZONES AND ALONG VITAL BUT HOT-ZONE TRADE ROUTES.

SALADIN CLASS – BOW VIEW



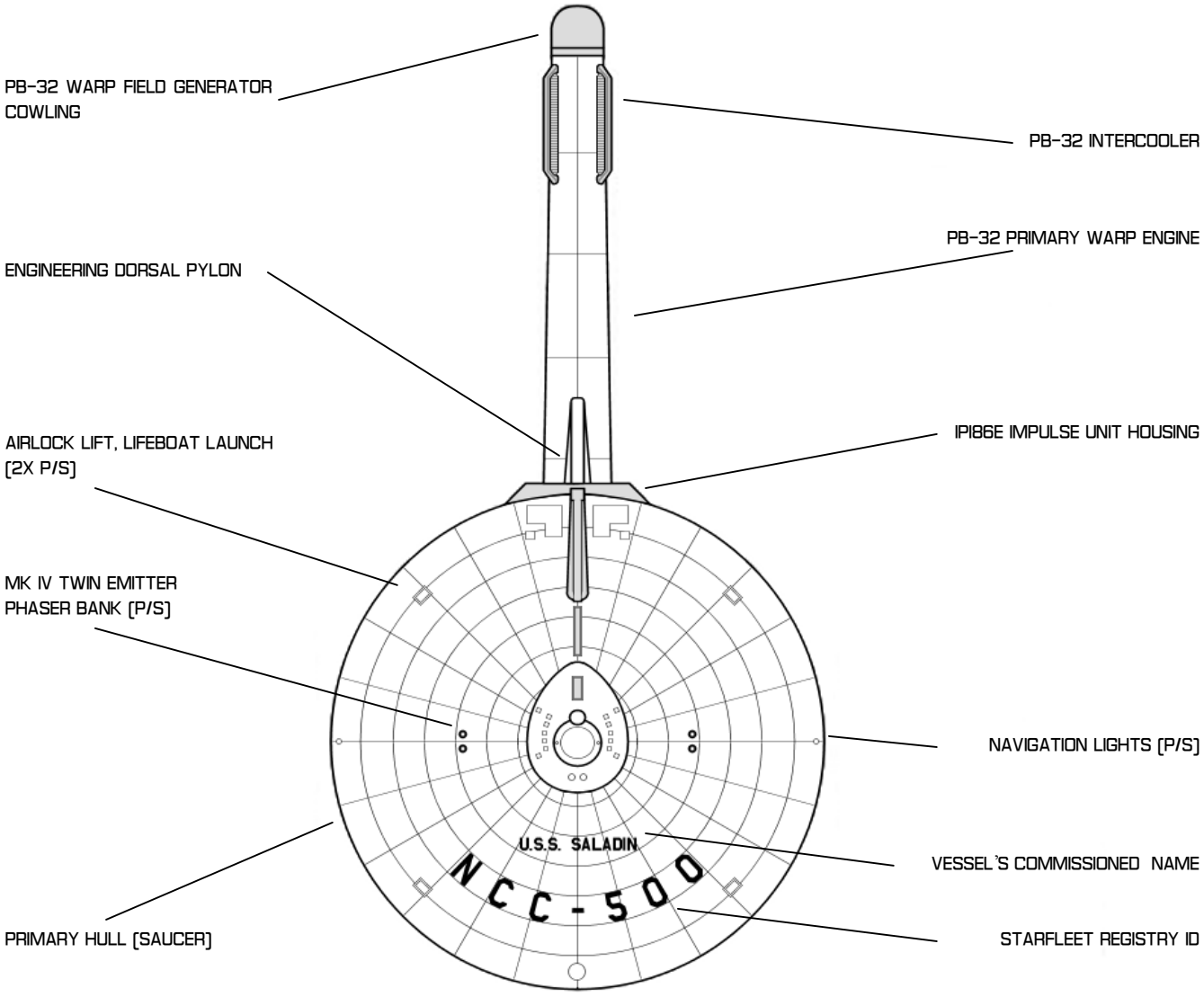
CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	UTOPIA PLANITIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	16

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS SALADIN	NCC-500	CLASS SHIP, DECOMISSIONED
USS FERRARA	NCC-422	ACTIVE / UESPA DEFENSE COMMAND
USS MILAN	NCC-423	ACTIVE / UESPA DEFENSE COMMAND
USS POMPEII	NCC-424	DESTROYED
USS JENGHIZ	NCC-501	DECOMMISSIONED
USS DARIUS	NCC-502	ACTIVE / STARFLEET COMMAND
USS ALEXANDER	NCC-503	UPRATED TO JENGHIZ CLASS SPECIFICATIONS (2271)
USS SARGON	NCC-504	UPRATED TO JENGHIZ CLASS SPECIFICATIONS (2271)
USS XERXES	NCC-505	ACTIVE / STARFLEET COMMAND
USS ETZEL	NCC-509	DESTROYED
USS TAMERLANE	NCC-510	INACTIVE / UNDERGOING UPRATING TO JENGHIZ CLASS SPECIFICATIONS
USS ALARIC	NCC-511	INACTIVE / UNDERGOING UPRATING TO JENGHIZ CLASS SPECIFICATIONS
USS HANNIBAL	NCC-512	ACTIVE / STARFLEET COMMAND
USS RAHMAN	NCC-514	ACTIVE / STARFLEET COMMAND
USS ADAD	NCC-515	ACTIVE / STARFLEET COMMAND
USS SHAITAN	NCC-519	DESTROYED

DESTROYER CLASS

SALADIN CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

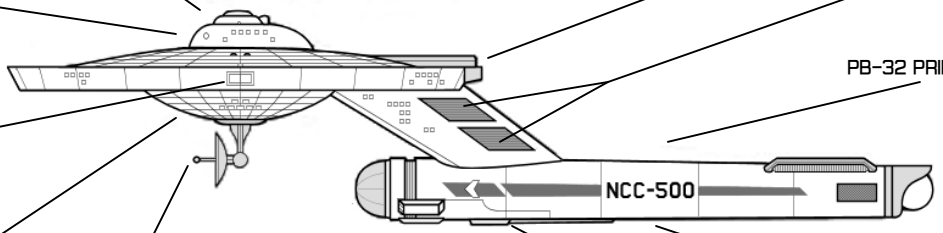
GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / SALADIN CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

SALADIN CLASS STARSHIPS – PORT VIEW



PRIMARY BRIDGE

PHOTO-REACTIVE UPPER BRIDGE DOME

IPI86E IMPULSE UNIT HOUSING

MK XII/IF TWIN PHOTON TORPEDO LAUNCHER [F]

EMERGENCY FLUSH VENTS [P/S]

PB-32 PRIMARY WARP ENGINE

GANGWAY

MK IV TWIN EMITTER PHASER BANK [F]

STARFLEET REGISTRY ID [P/S]

ACTIVE SCANNER AND DEFLECTOR SYSTEM

PB-32 REACTION CONTROL SYSTEM

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / SALADIN CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	95,000 MT
LENGTH	242 M
BREADTH	127 M
HEIGHT	60 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—SINGLE (WF 5/7)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, DD
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX. CONTROL, PERSONNEL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMERGENCY SEAL AND SEPARATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILARY MACHINERY
DECK TEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	PLASMA FLUSH CONTROL
DECK TWELVE		WARP GENERATION CONTROL
DECK THIRTEEN		INTERMIX CONTROL ROOMS

DESTROYER CLASS

POMPEY CLASS STARSHIPS

GENERAL INFORMATION

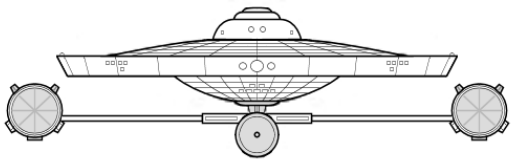
THOUGH THE *SALADIN* CLASS WAS A MAINSTAY OF FEDERATION DEFENSE SINCE ITS LAUNCH IN 2245, THE CLASS WAS NOTORIOUS FOR WARP IMBALANCES (SOMETIMES DANGEROUS WHEN PRESSED) BEYOND ITS RATED CRUISING SPEED. THIS WAS DUE TO BALANCE ISSUES OF THE PB-32 ENGINES, WHICH HAVE DIFFICULTY MAINTAINING A STABLE WARP FIELD AT HIGH VELOCITIES.

THIS IMBALANCE WAS SEEN AS A CRITICAL ISSUE. THOUGH THE TWO SINGLE NACELLE DESTROYER CLASSES WOULD REMAIN IN SERVICE THROUGHOUT THE "CONSTITUTION ERA", STARFLEET DECIDED TO PUT A HALT TO THE COMMISSIONING OF NEW *SALADIN* CLASS SHIPS, AND ORDERED AN UPGRADED TYPE OF SHIP WHICH WOULD CORRECT THE WARP PROBLEM.

THE NEW DESIGN WOULD CORRECT THE WARP IMBALANCE ISSUE IN A RATHER SIMPLE WAY. THE "NECK" AND SINGLE ENGINE WAS REPLACED WITH AN INVERTED "T" PYLON WITH TWO WARP ENGINES AT ITS SIDE. THIS DESIGN WOULD ALLOW FOR A MINIMAL AMOUNT OF RE-ENGINEERING TO THE SHIP'S OVERALL LINES, KEEPING THE SHIPS COST SOMEWHAT CLOSE TO THE INITIAL BUDGET, RATHER THAN LEVY THE EXPENSE OF AN ENTIRELY NEW CLASS.

IN ADDITION TO THE CORRECTION OF THE WARP ENGINE IMBALANCE, THE MAXIMUM RATED SPEEDS OF THE *POMPEY* CLASS WOULD INCREASE FROM WARP SEVEN TO WARP EIGHT, ADDING A QUICK-RESPONSE CAPABILITY TO THE NEW CLASS OVER THE OTHER DESTROYERS.

POMPEY CLASS - BOW VIEW



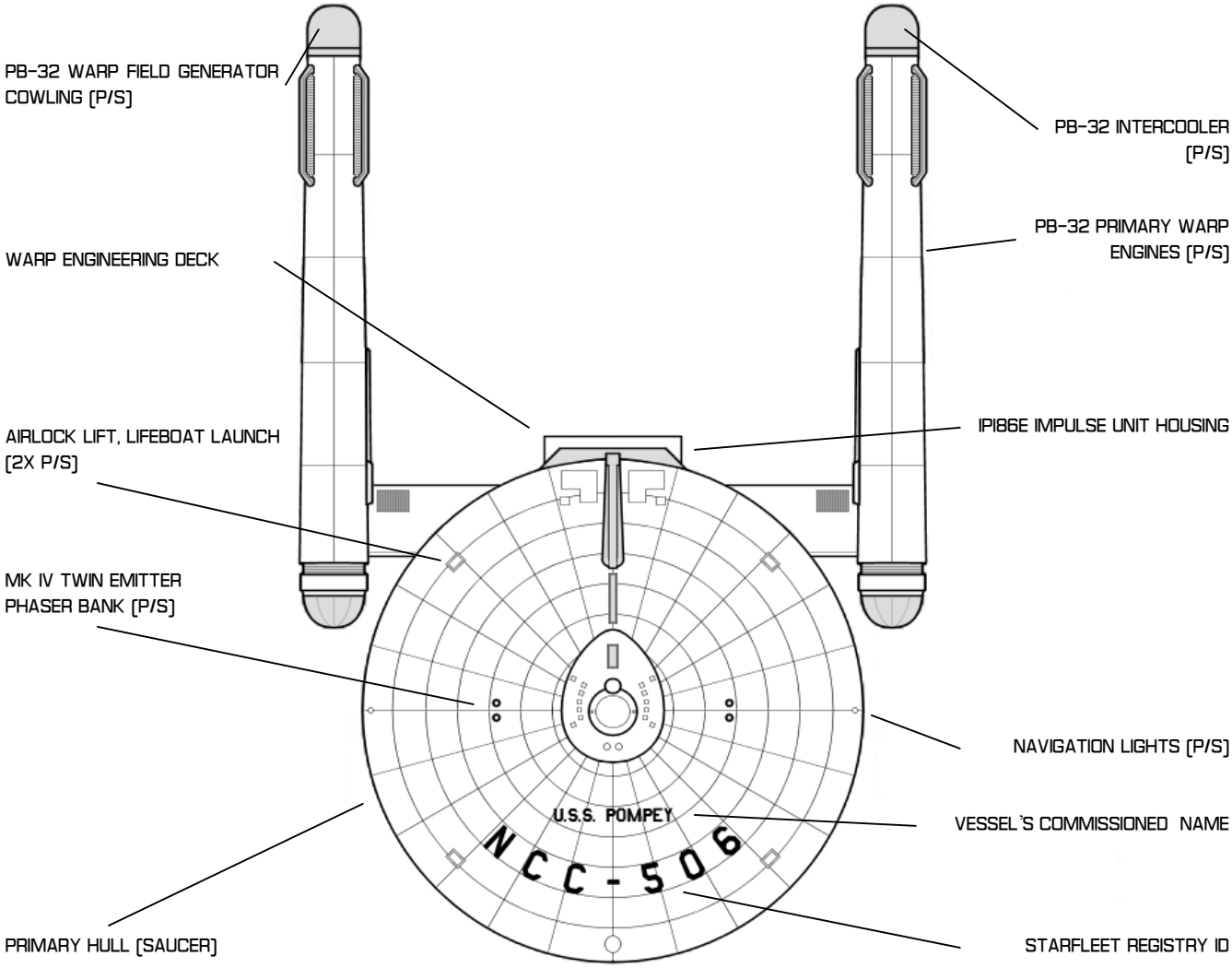
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANITIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	7

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS POMPEY	NCC-506	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS KUBLAI	NCC-507	ACTIVE / STARFLEET COMMAND
USS SULEIMAN	NCC-508	ACTIVE / STARFLEET COMMAND
USS AHRIMAN	NCC-513	ACTIVE / STARFLEET COMMAND
USS HASHISHIYUN	NCC-516	ACTIVE / STARFLEET COMMAND
USS AZRAEL	NCC-517	ACTIVE / STARFLEET COMMAND
USS HAMILCAR	NCC-518	ACTIVE / STARFLEET COMMAND

DESTROYER CLASS

POMPEY CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

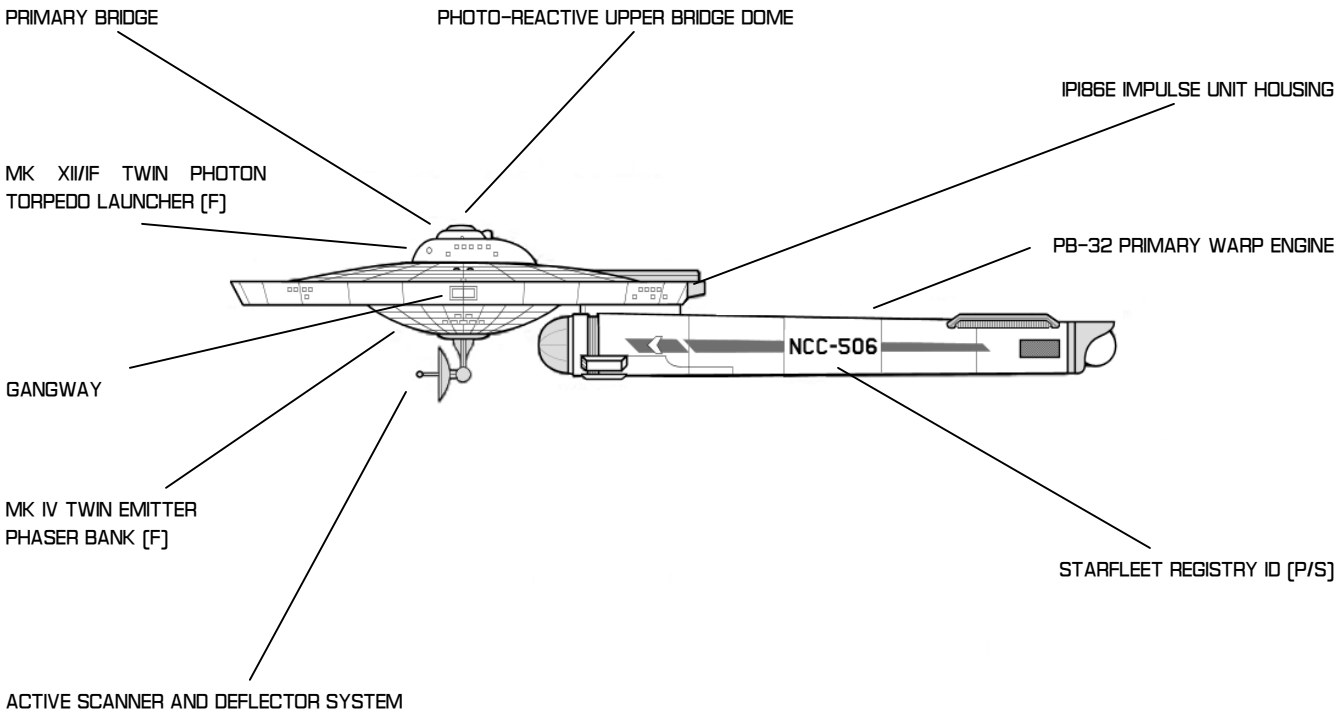
GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / POMPEY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

POMPEY CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / POMPEY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	133,000 MT
LENGTH	234 M
BREADTH	127 M
HEIGHT	49 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, DD
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX. CONTROL, PERSONNEL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER CONTROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMERGENCY SEAL AND SEPARATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILARY MACHINERY
DECK TEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	PLASMA FLUSH, INTERMIX AND WARP CONTROL ROOMS

DESTROYER CLASS

LARSON CLASS STARSHIPS

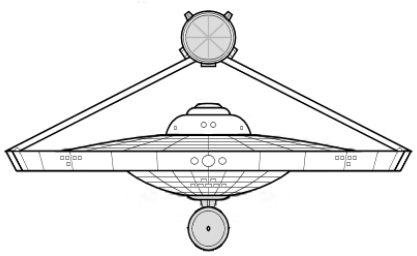
GENERAL INFORMATION

THE *LARSON* WAS 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, DESPITE BEING 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 NOTORIETY 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.

LARSON CLASS - BOW VIEW



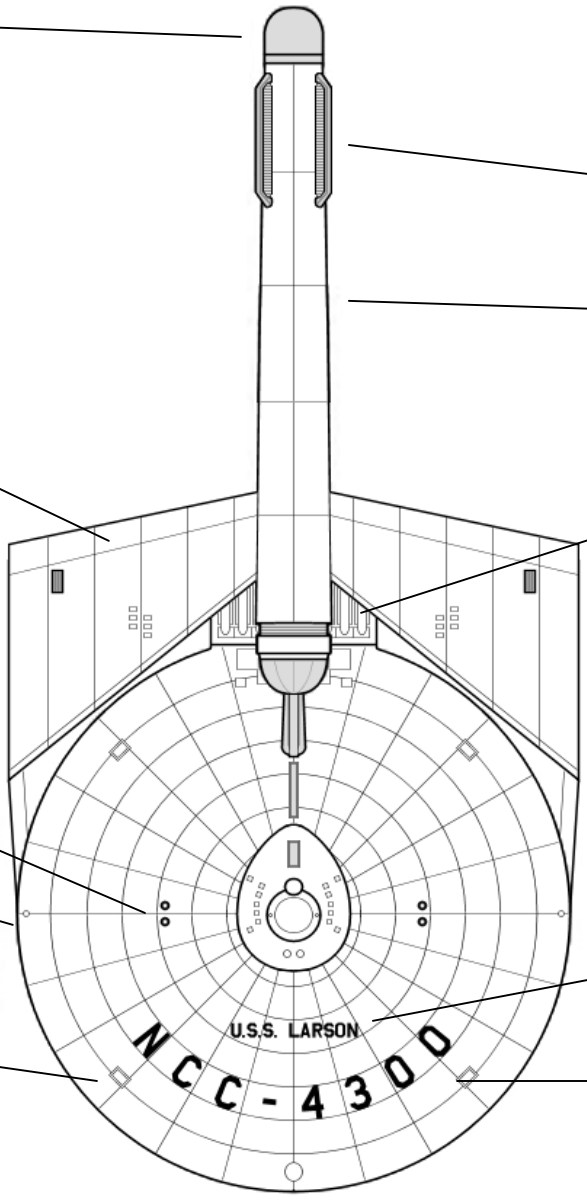
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DANA KNUTSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2248, SD 1695
VESSELS CONSTRUCTED	16

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS LARSON	NCC-4300	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS MIDWAY	NCC-4301	DECOMMISSIONED
USS TANNENBURG	NCC-4302	DECOMMISSIONED
USS TRAFALGAR	NCC-4303	DESTROYED
USS THELENTH	NCC-4304	ACTIVE / STARFLEET COMMAND
USS WATERLOO	NCC-4305	ACTIVE / STARFLEET COMMAND
USS BORODINO	NCC-4306	ACTIVE / STARFLEET COMMAND
USS AUSTERLITZ	NCC-4307	LOST IN ORION CONFLICT
USS NORMANDY	NCC-4308	ACTIVE / STARFLEET COMMAND
USS MARATHON	NCC-4309	ACTIVE / STARFLEET COMMAND
USS PHARSALUS	NCC-4310	ACTIVE / STARFLEET COMMAND
USS CRECY	NCC-4311	MISSING IN ACTION
USS POITIERS	NCC-4312	ACTIVE / STARFLEET COMMAND
USS AGINCOURT	NCC-4313	ACTIVE / STARFLEET COMMAND
USS BLENHEIM	NCC-4314	ACTIVE / STARFLEET COMMAND
USS TORGAU	NCC-4315	ACTIVE / STARFLEET COMMAND
USS EYLAU	NCC-4316	ACTIVE / STARFLEET COMMAND
USS LEYTE	NCC-4317	ACTIVE / STARFLEET COMMAND
USS LEIPZIG	NCC-4318	ACTIVE / STARFLEET COMMAND
USS BEUNA VISTA	NCC-4319	ACTIVE / STARFLEET COMMAND
USS GARBO	NCC-4320	DESTROYED
USS CATINIAN	NCC-4321	ACTIVE / STARFLEET COMMAND
USS GALLIPOLI	NCC-4322	ACTIVE / STARFLEET COMMAND
USS JUTLAND	NCC-4323	ACTIVE / STARFLEET COMMAND
USS ANZIO	NCC-4324	ACTIVE / STARFLEET COMMAND

DESTROYER CLASS

LARSON CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

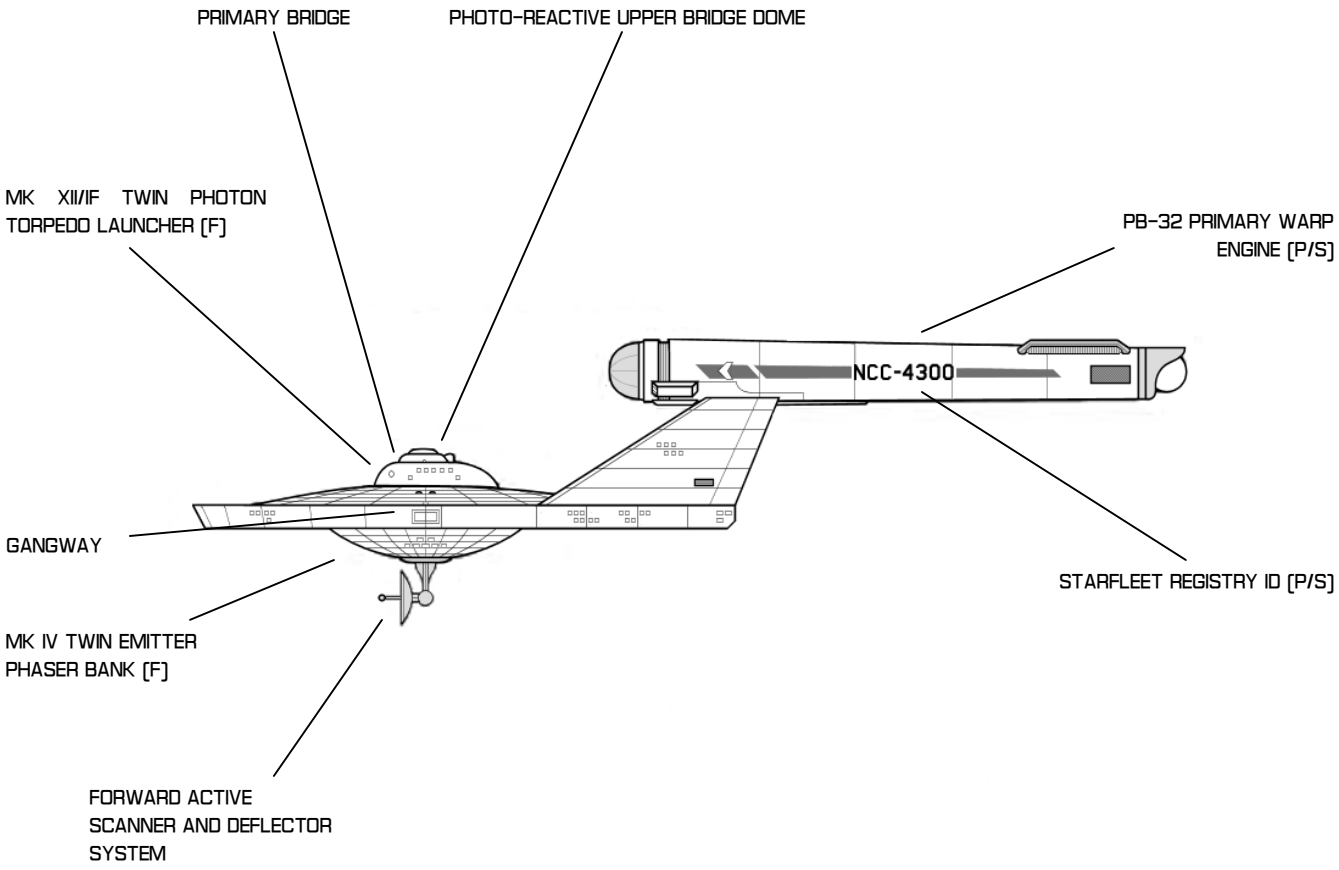
GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / LARSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

LARSON CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / LARSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	187

DIMENSIONS	
DEADWEIGHT TONNAGE	115,000 MT
LENGTH	271M
BREADTH	132M
HEIGHT	84M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, DD
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD (SAUCER)	BRIDGE
DECK TWO	FORWARD (SAUCER)	SCIENCE LABS
DECK THREE	FORWARD (SAUCER)	PHOTON CONTROL,
DECK FOUR	FORWARD (SAUCER)	OFFICER'S QUARTERS
DECK FIVE	FORWARD (SAUCER)	OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK ONE	AFT (PYLON)	STORAGE, EMERGENCY PB-32 ACCESS
DECK TWO	AFT (PYLON)	PLASMA FLUSH, INTERMIX AND WARP CONTROL ROOMS
DECK THREE	AFT (PYLON)	AUXILLARY MACHINERY
DECK FOUR	AFT (PYLON)	AUXILLARY MACHINERY,
DECK FIVE	AFT (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

HEAVY DESTROYER CLASS

ORTEGA CLASS STARSHIPS

GENERAL INFORMATION

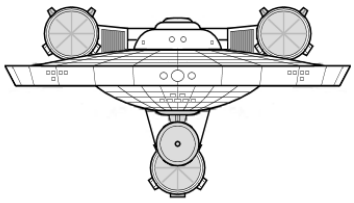
THE *ORTEGA* WAS A RELATIVE LATE-COMER TO THE *CONSTITUTION* GENERATION OF STARSHIPS, REPLACING A MUCH EARLIER BUT ULTIMATELY REJECTED PROPOSAL. THE SHIP WAS DESIGNED AS A FAST, HEAVY, BUT AFFORDABLE DESTROYER TO BE DEPLOYED IN DEFENSE OF NEW FEDERATION MEMBERS NEAR THE KLINGON BORDER, REPLACING THE ANTIQUATED DEFENSE FLEETS FOUND THERE.

THE DISTINCTIVE FEATURE OF THE *ORTEGA* IS ITS UNUSUAL TRIPLE-ENGINE LAYOUT, MAKING USE OF TWO 'PRIMARY' PB-32S WARP ENGINES FOR ITS MAIN POWER AND PROPULSION, AND A SECONDARY ENGINE, LOCATED BELOW THE HULL, TO ADD EXTRA POWER WHEN NEEDED.

OVERALL, THE DESIGN PROVED MORE SUCCESSFUL THAN ANTICIPATED, EVEN WHEN CONSIDERING THE 'WARP IMBALANCE' THAT THE PB-32 ENGINES ARE SOMEWHAT INFAMOUS FOR. WITH HEAVY ARMAMENTS AND THE POWER TO BACK IT UP, THOUGH, IT'S EASY TO SEE WHY THE *ORTEGA* PROVED POPULAR AS A DETERRENT TO KLINGON AGGRESSION.

THOUGH THERE ARE NO IMMEDIATE PLANS TO UPRATE THE *ORTEGA* CLASS WITH NEW TECHNOLOGY, SUCH A MOVE SEEMS SOMEWHAT INEVITABLE TO MANY IN STAR FLEET'S PLANNING.

ORTEGA CLASS – BOW VIEW



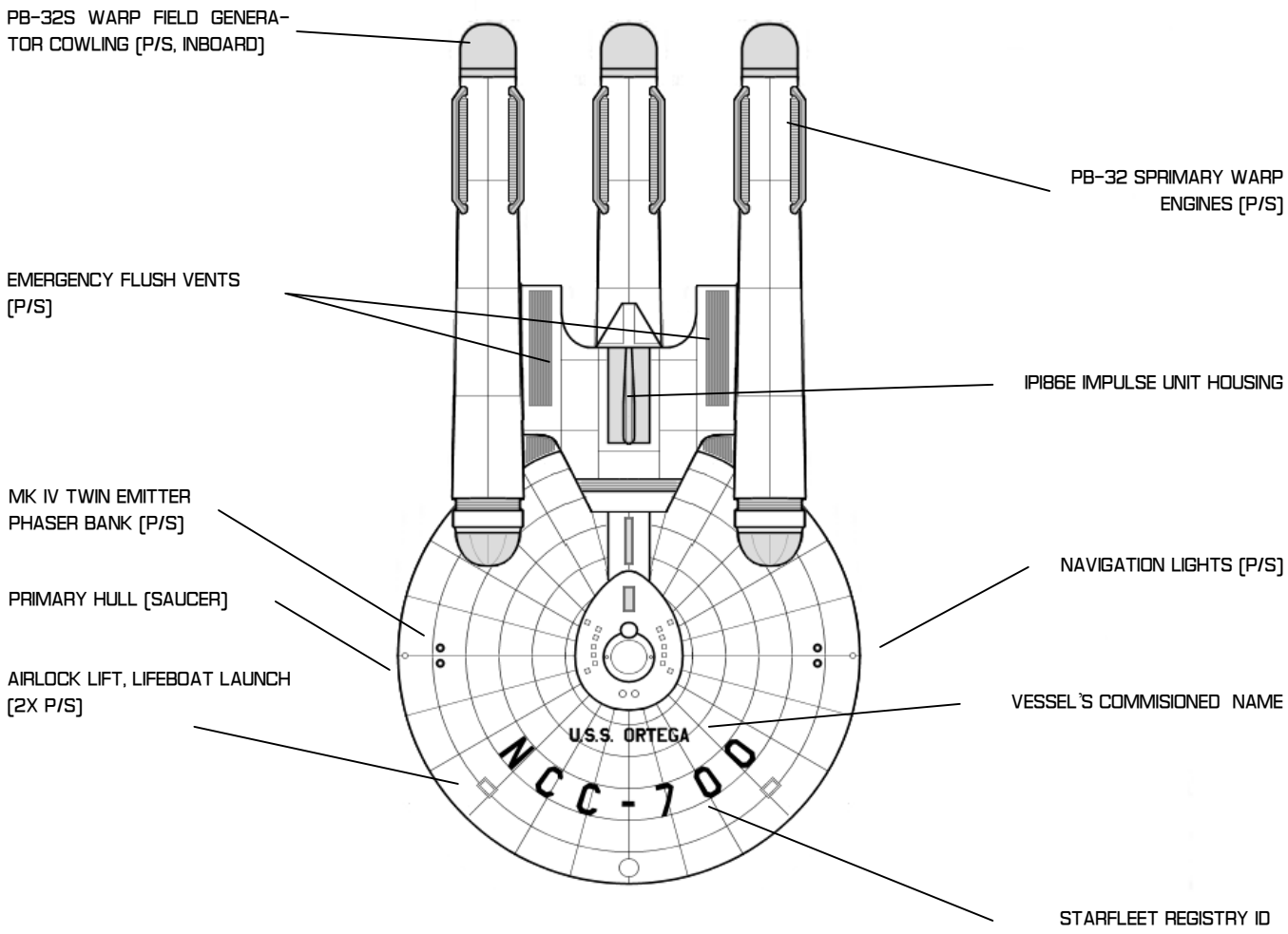
CONSTRUCTION DETAILS

CHIEF OF DESIGN	STEVEN COLE
PRIMARY SHIPYARD	SAN FRANCISCO ORBITAL
PROJECT INITIATION	MARCH 2264, SD 3220
VESSELS CONSTRUCTED	10

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS ORTEGA	NCC-700	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS MANDELA	NCC-701	ACTIVE / STARFLEET COMMAND
USS BARZANI	NCC-702	DECOMISSIONED
USS BIN SULTAN	NCC-703	ACTIVE / STARFLEET COMMAND
USS ZAMORA	NCC-704	ACTIVE / STARFLEET COMMAND
USS GEMAYAL	NCC-705	ACTIVE / STARFLEET COMMAND
USS JABRIL	NCC-706	ACTIVE / STARFLEET COMMAND
USS PEREZ	NCC-707	ACTIVE / STARFLEET COMMAND
USS BEN BEN	NCC-708	ACTIVE / STARFLEET COMMAND
USS JUMBLAIT	NCC-709	ACTIVE / STARFLEET COMMAND

HEAVY DESTROYER CLASS

ORTEGA CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

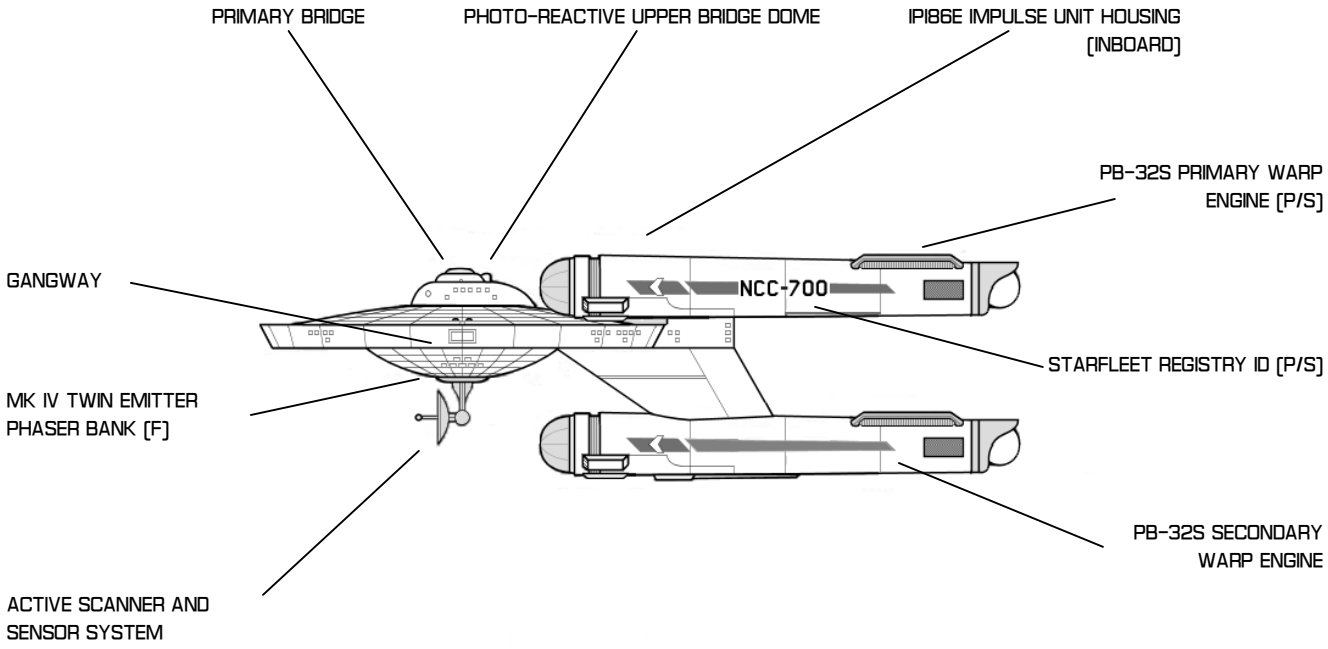
GENERAL PLANS:/RECOGNITION DETAIL
HEAVY DESTROYER [DA] / ORTEGA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	STEVEN COLE
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

HEAVY DESTROYER CLASS

ORTEGA CLASS STARSHIPS – PORT VIEW



HEAVY DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	138,000 MT
LENGTH	207M
BREADTH	112M
HEIGHT	62M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32S MK III—TRIPLE (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	3 STD / 3 EVAC / 3 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	HVY DEST. COMBATANT, CA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS, MAIN RECREATION DECK
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK NINE	DORSAL (PYLON)	PLASMA FLUSH CONTROL,
DECK TEN	DORSAL (PYLON)	WARP GENERATION CONTROL
DECK ELEVEN	DORSAL (PYLON)	INTERMIX CONTROL ROOMS

HEAVY DESTROYER CLASS

DETROYAT (UPRATED) CLASS STARSHIPS

GENERAL INFORMATION

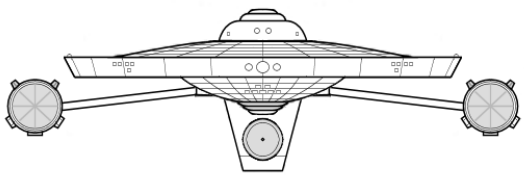
THE *DETROYAT* WAS ONE OF A SMALL NUMBER OF *BATON ROUGE* CLASSES CHOSEN FOR FULL UPRATING WHEN THE COMPONENTS OF THE *CONSTITUTION* CLASS WERE MADE AVAILABLE IN 2245.

DESPITE THE SEEMINGLY LOGICAL CHOICE, THE DESTROYER WOULD TAKE SOME TIME BEFORE UPRATING WOULD BEGIN. THE DETROYAT CLASS HAD GAINED SOME PRESTIGE FOR THE UESPA FLEET, AND EARTH HAD BECOME DECIDEDLY RELIANT ON THE VESSELS FOR DEFENSE. STAR FLEET COMMAND WAS RELUCTANT TO PULL THE SHIPS FROM ACTIVE DUTY FOR THE LENGTHY PERIOD OF TIME REQUIRED.

BY 2255. HOWEVER, IT WAS CLEAR THAT THE DETROYAT'S ORIGINAL DESIGN HAD BECOME ANTIQUATED, AND THE 'MODERNIZATION' OF THE DESIGN COMMENCED. THE RESULT DRAMATICALLY CHANGED THE PRIMARY SAUCER, AS WELL AS THE USE OF THE NEW PB-32 ENGINES, ALONG WITH MORE POWERFUL WEAPONRY. THE NEW DESIGN IS A POWERHOUSE OF A DESTROYER, AND ENJOYED A RENEWED PRESTIGE FOR THE 2260'S.

AS THE SHIPS HIT WELL BEYOND THE ORIGINALLY PLANNED LIFE-SPANS, HOWEVER, IT SEEMS UNLIKELY THAT THE HULLS WILL BE UPRATED AGAIN IN THE 2270'S. THE SHIPS OF THE CLASS ARE EXPECTED TO BE SLOWLY REPLACED WITH NEW *MIRANDA* CLASS BUILDS.

DETROYAT CLASS – BOW VIEW



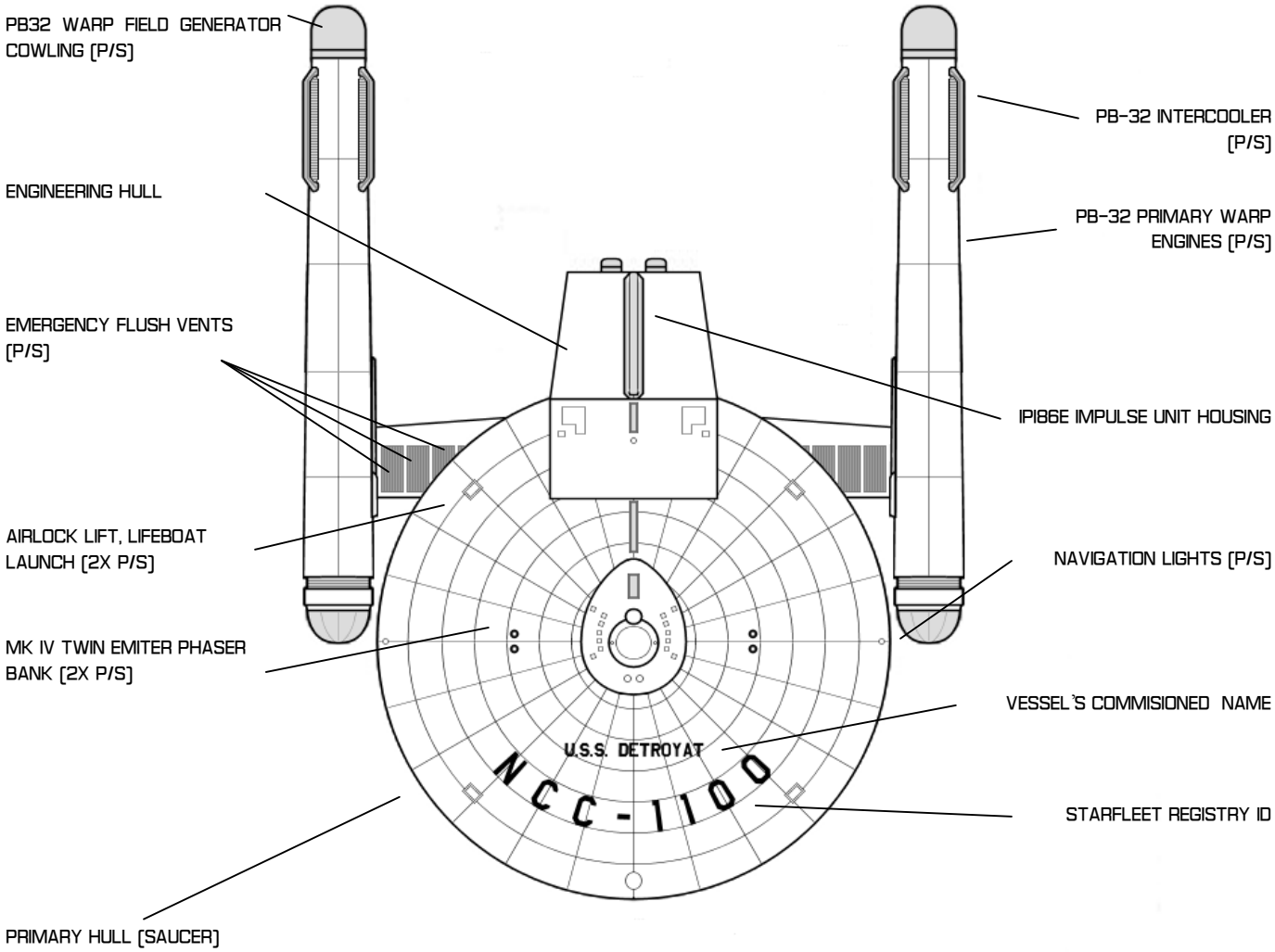
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	6

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS DETROYAT	NCC-1100	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS RESOLUTION	NCC-1101	DESTROYED
USS MIRAMA	NCC-1102	DECOMISSIONED
USS TRODEN	NCC-1103	DECOMISSIONED
USS BRECKENRIDGE	NCC-1104	ACTIVE / STARFLEET COMMAND
USS NIANTIC	NCC-1105	DESTROYED
USS WARANGAL	NCC-1106	ACTIVE / STARFLEET COMMAND
USS COMMANGER	NCC-1107	ACTIVE / STARFLEET COMMAND
USS STRATHCLAIR	NCC-1108	ACTIVE / STARFLEET COMMAND
USS DONAR	NCC-1109	ACTIVE / STARFLEET COMMAND
USS KALININ	NCC-1110	ACTIVE / STARFLEET COMMAND
SS KUTAISI	NCC-1111	ACTIVE / STARFLEET COMMAND
SS SANGAMON	NCC-1112	ACTIVE / STARFLEET COMMAND
USS KELKIT	NCC-1113	ACTIVE / STARFLEET COMMAND
USS ANAIZA	NCC-1114	ACTIVE / STARFLEET COMMAND

HEAVY DESTROYER CLASS

DETROYAT [UPRATED] CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

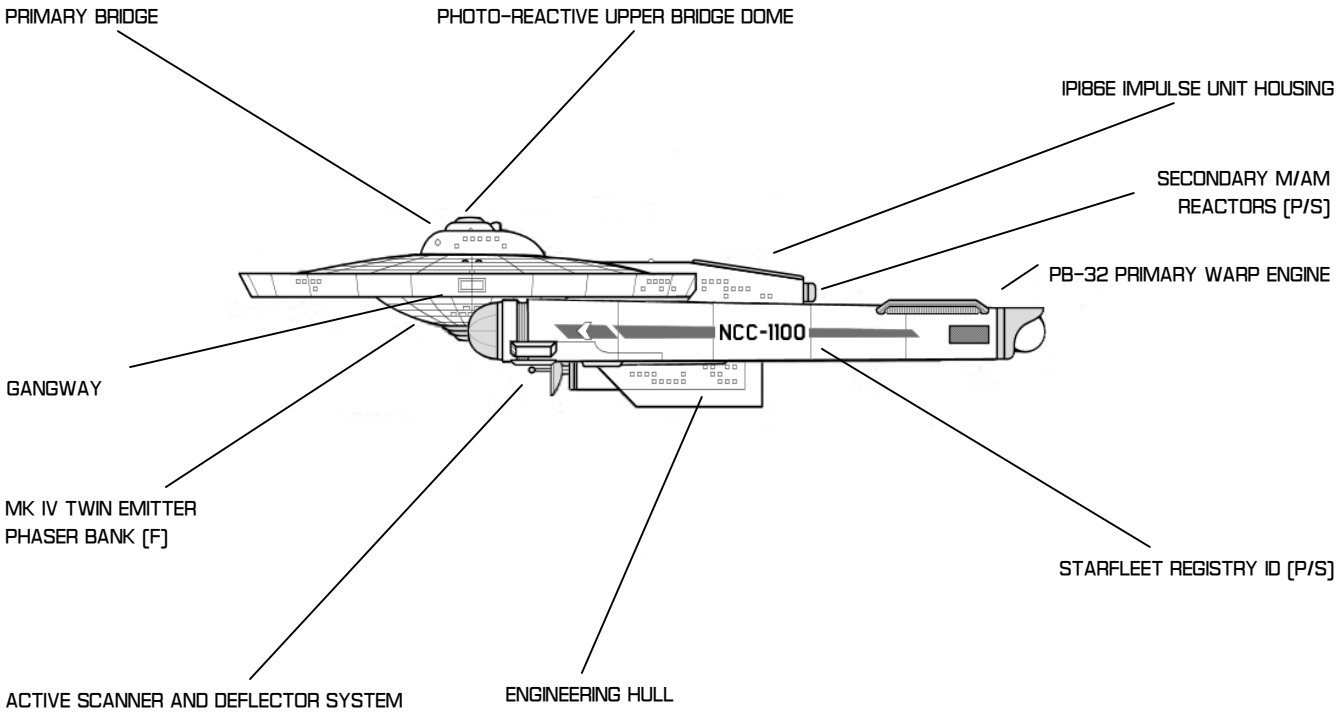
GENERAL PLANS:/RECOGNITION DETAIL
HVY DESTROYER [DA] / DETROYAT CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY DESTROYER CLASS

DETROYAT (UPRATED) CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
HVY DESTROYER (DA) / DETROYAT CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS [COMMAND]	30
CREW	240

DIMENSIONS	
DEADWEIGHT TONNAGE	165,000 MT
LENGTH	221M
BREADTH	163M
HEIGHT	53M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER [F, F/P, F/S]
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER [F]
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM [WF 6/8]
IMPULSE/SL DRIVE	IPI86E [.75C]
RCS SYSTEM	CCR45C [500KPM]

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SURVEY, SCOUT, SC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD [SAUCER]	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD [SAUCER]	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD [SAUCER]	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD [SAUCER]	PHASER COTNROL, PHASER BANK [F], SENSOR AND SCANNER CONTROL
DECK EIGHT	AFT [ENG HULL]	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE THRU TWELVE	AFT [ENG HULL]	CREW QUARTERS, RECREATION ROOMS
DECK THIRTEEN	AFT [ENG HULL]	CREW CAFETERIA, FOOD PREPARATION
DECK FOURTEEN	AFT [ENG HULL]	AUXILLARY CONTROL
DECK FIFTEEN	AFT [ENG HULL]	AUXILLARY MACHINERY, FABRICATION
DECK SIXTEEN	AFT [ENG HULL]	STORAGE

FRIGATE CLASS

SURYA CLASS STARSHIPS

GENERAL INFORMATION

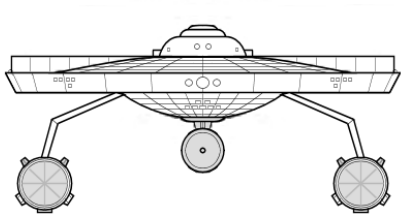
THE *SURYA* BEGAN LIFE AS AN INTENDED VARIANT OF THE *ANTON* CLASS CRUISER, BUT WOUND UP BEING A COMPLETELY REWORKED VERSION OF THE OLDER CLASS, TAKING MANY VALUABLE LESSONS IN ENGINEERING AND DESIGNED LEARNED THROUGH THE ANTON'S WEAKNESSES.

THE NEW CLASS PROVED FORMIDABLE IN MOST REPSECTS, 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 DE-FENSE PATROL SHIPS ALONG THE FRONTIER. WHILE NOT AS PRESTIGIOUS AS SERVING ABOARD THE *CONSTITUTION* CLASS, GETTING AN ASSIGNMENT ABOARD A *SURYA* WAS CONSIDERED AN HONOR.

THOUGH THE *SURYA* HAS PROVEN TO BE MORE THAN A WOR-THY VESSEL A REWORKED VERSION OF THIS BASIC DESIGN, THE *USS MIRANDA* WOULD EFFECTIVELY TAKE HER PLACE IN 2270. ALREADY, SEVERAL MEMBERS OF THE *SURYA* CLASS, AND OTHER CLASSES, ARE SCHEDULED FOR UPRATING TO THE NEW DEISNG.

SURYA CLASS - BOW VIEW



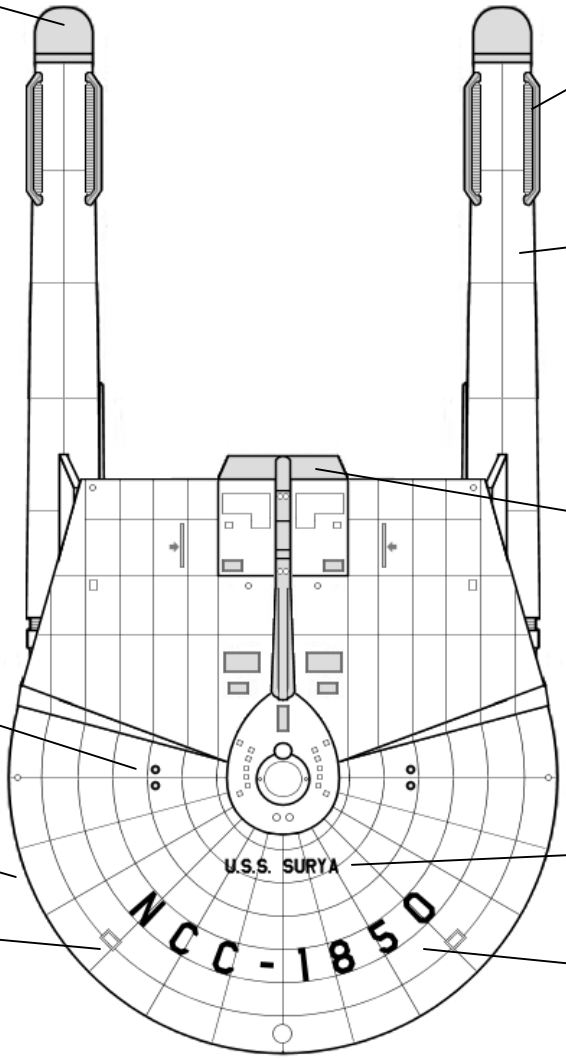
CONSTRUCTION DETAILS

CHIEF OF DESIGN	ARIDAS SOFIA
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MARCH 2259, SD 1740
VESSELS CONSTRUCTED	23

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS SURYA	NCC-1850	CLASS SHIP;
USS ILLUSIVE	NCC-1851	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS ANTRIM	NCC-1852	DESTROYED
USS DURMITOV	NCC-1853	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS KANARIS	NCC-1854	ACTIVE / UESPA DEFENSE COMMAND
USS PRALAYA	NCC-1855	MISSING IN ACTION
USS HASHIRA	NCC-1856	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS ADALUCIA	NCC-1857	ACTIVE / STARFLEET COMMAND
USS BRILLIANT	NCC-1858	ACTIVE / STARFLEET COMMAND
USS THETIS	NCC-1859	ACTIVE / STARFLEET COMMAND
USS MIRANDA	NCC-1860	ACTIVE / STARFLEET COMMAND
USS TIAN AN MEN	NCC-1861	ACTIVE / STARFLEET COMMAND
USS TEMPEST	NCC-1862	ACTIVE / STARFLEET COMMAND
USS DEMETER	NCC-1863	ACTIVE / STARFLEET COMMAND
USS RELIANT	NCC-1864	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS VIGILANT	NCC-1865	DECOMISSIONED
USS OBERON	NCC-1866	DESTROYED
USS SARATOGA	NCC-1867	ACTIVE / STARFLEET COMMAND
USS ENFORCER	NCC-1868	ACTIVE / STARFLEET COMMAND
USS VALHALLA	NCC-1869	ACTIVE / STARFLEET COMMAND
USS SUTHERLAND	NCC-1870	ACTIVE / STARFLEET COMMAND
USS REDAN	NCC-1871	ACTIVE / STARFLEET COMMAND
USS PERSEUS	NCC-1872	ACTIVE / STARFLEET COMMAND

FRIGATE CLASS

SURYA CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

IPI86E IMPULSE UNIT HOUSING

MK IV TWIN EMITTER PHASER BANK [P/S]

NAVIGATION LIGHTS [P/S]

PRIMARY HULL [SAUCER]

VESSEL'S COMMISIONED NAME

AIRLOCK LIFT, LIFEBOAT LAUNCH [P/S]

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

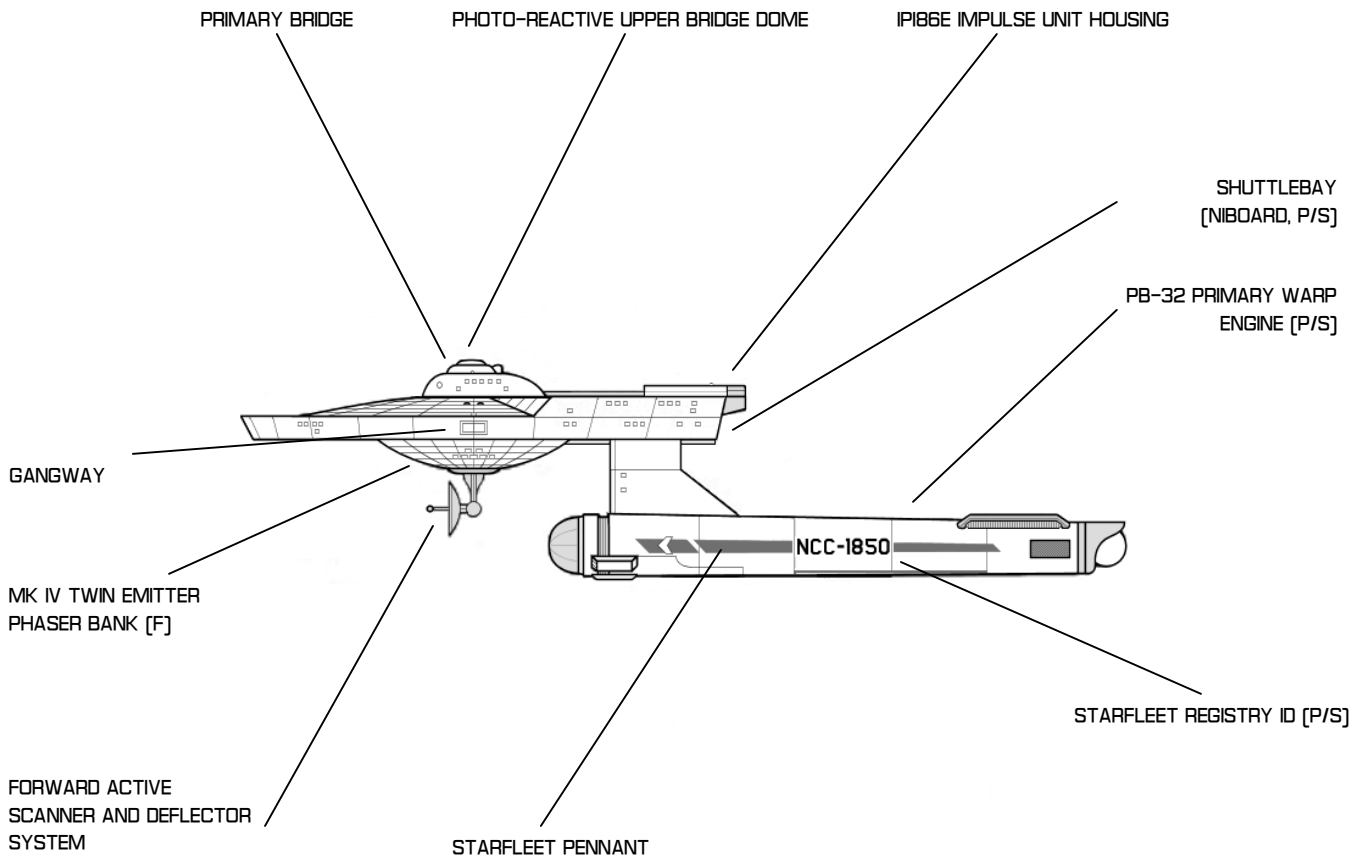
GENERAL PLANS:/RECOGNITION DETAIL
FRIGATE [FF] / SURYA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

FRIGATE CLASS

SURYA CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
FRIGATE [FF] / SURYA CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

FRIGATE CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	32
CREW	195

DIMENSIONS	
DEADWEIGHT TONNAGE	155,000 MT
LENGTH	214M
BREADTH	127M
HEIGHT	61M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	2
TYPE HF SHUTTLECRAFT	1

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, FF
MAXIMUM OPERATING RANGE	5 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		AUX CONTROL, PERSONELL GANGWAY ACCESS, SHUTTLE-BAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, SHUTTLE-BAY ACCESS
DECK NINE		FABRICATION FACILITIES, STORAGE, COMPUTER ARRAY
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

FRIGATE CLASS

LOKNAR CLASS STARSHIPS

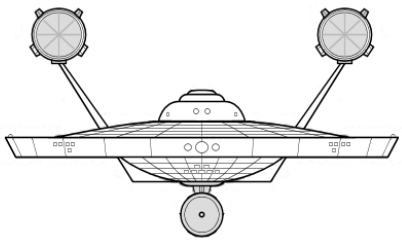
GENERAL INFORMATION

THOUGH TECHNICALLY "EARTH-BORNE" IN DESIGN, THE *LOKNAR* REPRESENTED THE FIRST FLEET DESIGN PRIMARILY INTENDED FOR USE BY THE ANDORIANS. THE ANDOR DEFENSE FLEET [WRAPPED INTO STARFLEET COMPLETELY SD 1400] WAS RAPIDLY FALLING BEHIND TECHNOLOGICALLY [SLIGHTLY INFERIOR TO *BATON ROUGE* ERA VESSELS], AND ANDOR WAS BECOMING INCREASINGLY DESPERATE TO HAVE A MODERN VESSEL FOR THEIR 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* PROVED HERSELF QUICKLY IN BORDER DEFENSE ROLES AS WELL AS SERVING IN DIRECT ACTION DURING THE AXANAR REBELLION. AFTER THAT BRIEF WAR, THE *LOKNAR* QUICKLY BECAME THE BATTLE FRIGATE OF CHOICE FOR STAR FLEET.

THOUGH A HANDFUL OF *LOKNAR* CLASS VESSELS STILL REMAIN UNDER ANDOR'S DIRECT COMMAND, THE MAJORITY OF BUILDS WERE LATER APPROPRIATED AS PART OF STAR FLEET'S GENERAL COMMAND, ENABLING THEIR USE FOR HOT-SPOTS ACROSS THE FEDERATION.

LOKNAR CLASS - BOW VIEW



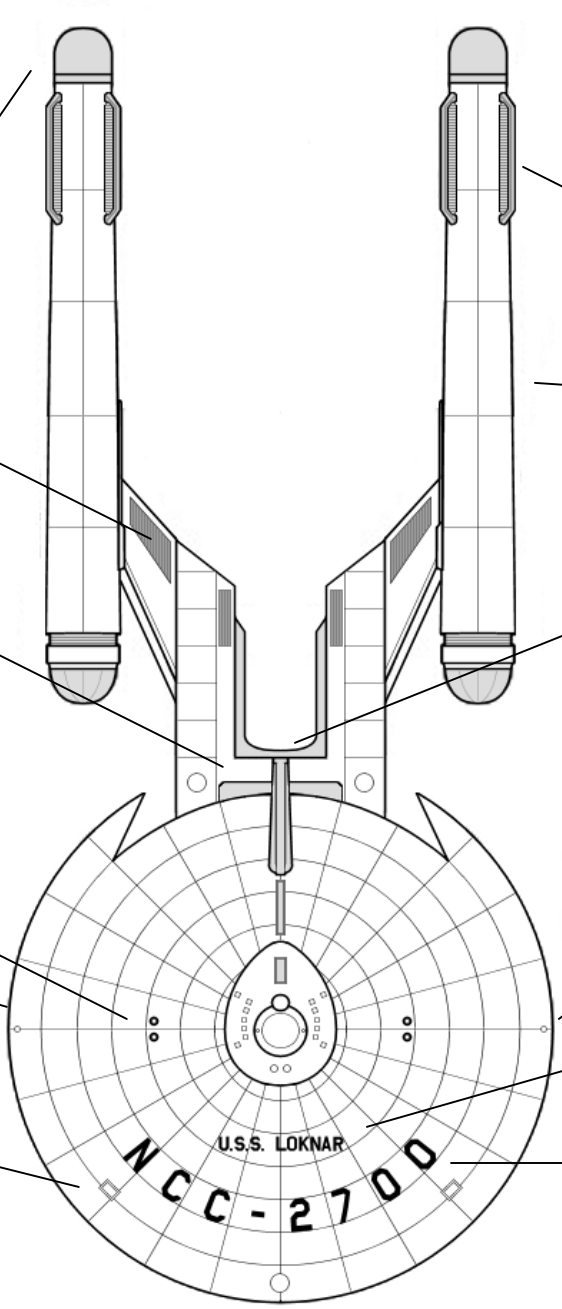
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DANA KNUTSON
PRIMARY SHIPYARD	RAKALA FLEET YARDS
PROJECT INITIATION	MARCH 2259, SD 1740
VESSELS CONSTRUCTED	20

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JAUARY 2272]
USS LOKNAR	NCC-2700	CLASS SHIP, UPRATED TO LOKNAR CLASS [U] SPECIFICATIONS [2271]
USS AHKEIL	NCC-2701	UPRATED TO LOKNAR CLASS [U] SPECIFICATIONS [2271]
USS VERNOL	NCC-2702	INACTIVE/ UNDERGOING RECONSTRUCTION TO LOKNAR CLASS [U] SPECIFICATIONS
USS TARNTIS	NCC-2703	INACTIVE/ UNDERGOING RECONSTRUCTION TO LOKNAR CLASS [U] SPECIFICATIONS
USS ALEXANDRETTA	NCC-2704	ACTIVE / ANDOR DEFENSE COMMAND
USS MORGAN CITY	NCC-2705	ACTIVE / ANDOR DEFENSE COMMAND
USS TROY	NCC-2706	ACTIVE / ANDOR DEFENSE COMMAND
USS FARSIDE	NCC-2707	DESTROYED
USS NEW AMERICA	NCC-2708	DECOMMISSIONED
USS KOSK	NCC-2709	ACTIVE / STARFLEET COMMAND
USS BORGA	NCC-2710	DESTROYED
USS PEKING	NCC-2711	ACTIVE / STARFLEET COMMAND
USS EPCOT	NCC-2712	ACTIVE / STARFLEET COMMAND
USS ALDEBARAN	NCC-2713	ACTIVE / STARFLEET COMMAND
USS ARGUS CITY	NCC-2714	ACTIVE / STARFLEET COMMAND
USS YORKSHIRE	NCC-2715	ACTIVE / STARFLEET COMMAND
USS BOIRDI	NCC-2718	MISSING IN ACTION
USS NEW CORINTH	NCC-2717	ACTIVE / STARFLEET COMMAND
USS KYOTO	NCC-2718	ACTIVE / STARFLEET COMMAND
USS PETROGRAD	NCC-2719	ACTIVE / STARFLEET COMMAND

FRIGATE CLASS

LOKNAR CLASS STARSHIPS – DORSAL VIEW



PB-32 WARP FIELD GENERATOR COWLING [P/S]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

EMERGENCY FLUSH VENTS [P/S]

IPI86E IMPULSE UNIT HOUSING

WARP ENGINEERING DECK

MK IV TWIN EMITTER PHASER BANK [P/S]

NAVIGATION LIGHTS [P/S]

PRIMARY HULL [SAUCER]

VESSEL'S COMMISSIONED NAME

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

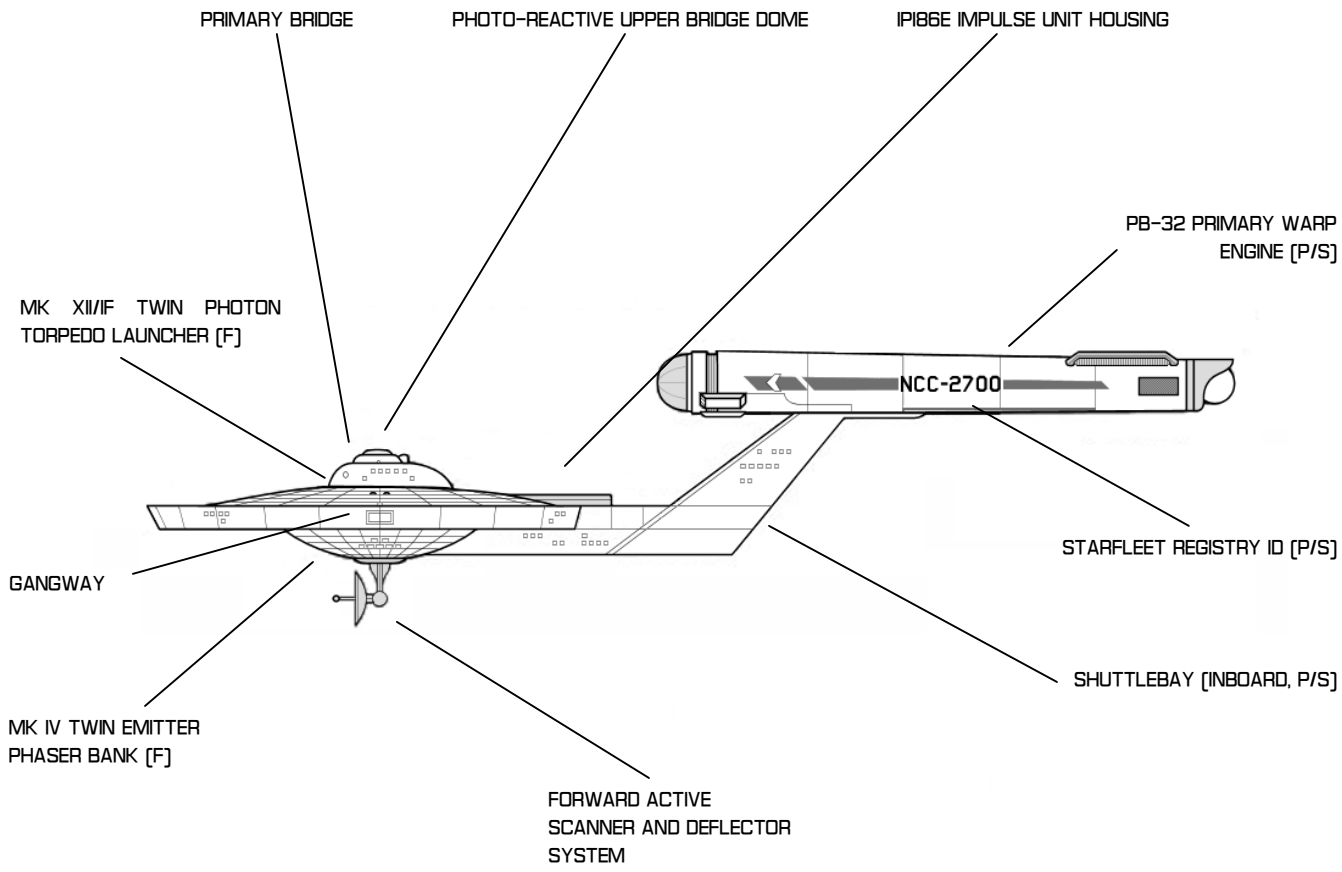
GENERAL PLANS:/RECOGNITION DETAIL
FRIGATE [FF] / LOKNAR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

FRIGATE CLASS

LOKNAR CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
FRIGATE [FF] / LOKNAR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

FRIGATE CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	32
CREW	145

DIMENSIONS	
DEADWEIGHT TONNAGE	140,000 MT
LENGTH	288 M
BREADTH	127 M
HEIGHT	76 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, FF
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD (SAUCER)	BRIDGE
DECK TWO	FORWARD (SAUCER)	SCIENCE LABS
DECK THREE	FORWARD (SAUCER)	PHOTON CONTROL
DECK FOUR	FORWARD (SAUCER)	OFFICER'S QUARTERS
DECK FIVE	FORWARD (SAUCER)	OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK ONE	AFT (PYLON)	STORAGE, EMERGENCY PB-32 ACCESS
DECK TWO	AFT (PYLON)	PLASMA FLUSH, INTERMIX AND WARP CONTROL ROOMS
DECK THREE	AFT (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK FOUR	AFT (PYLON)	AUXILARY MACHINERY
DECK FIVE	AFT (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX. CONTROL, PERSONNEL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

HEAVY FRIGATE CLASS

COVENTRY CLASS STARSHIPS

GENERAL INFORMATION

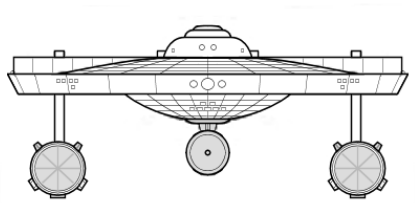
THE *COVENTRY* CLASS WAS ONE OF SEVERAL DESIGNS APPROVED TO FILL OUT THE FEDERATION RANKS FOR MID-LEVEL CAPITAL SHIPS. THE DESIGN WOULD TAKE ASPECTS OF THE FAMILIAR *CONSTITUTION* CLASS, BUT SECURE A LARGE ENGINEERING SECTION TO THE AFT OF THE SAUCER, MAKING A MORE COMPACT, BUT EFFECTIVE, DESIGN.

THE CONVENTRY IS A WELL-BALANCED AND POWER SHIP, MUCH LIKE HER LARGER CONSTITUTION CLASS COUSIN, PRIMARILY ONLY SACRIFICING SOME OF THE ADVANCED SENSOR CAPABILITY, AND EXTENDED LABS AND SHUTTLE-CRAFT SUPPORT.

INITIALLY DEPLOYED ALONG THE KLINGON FRONTIER, THE CLASS QUICKLY ESTABLISHED ITSELF AS A COMBAT-CAPABLE FRIGATE, OCCAISIONALLY PERFORMING ABOVE ITS WEIGHT. THIS HAS LEAD SOME ENGINEERS AND ADMIRALS TO DEBATE RE-CLASSIFING THE SHIP AS A 'LIGHT CRUISER' INSTEAD.

THE OVERALL DESIGN OF THE COVENTRY WOULD PROVE SO SUCCESSFUL THAT THE *MIRANDA* DESIGN WOULD LOOK TO HER AS THE MAIN INSPIRATION FOR HER DESIGN. AS OF 2270, REMAINING COVENTRY CLASS VESSELS WILL BE SCHEDULED FOR UPRATING TO THE NEW *MIRANDA* DESIGN.

COVENTRY CLASS - BOW VIEW



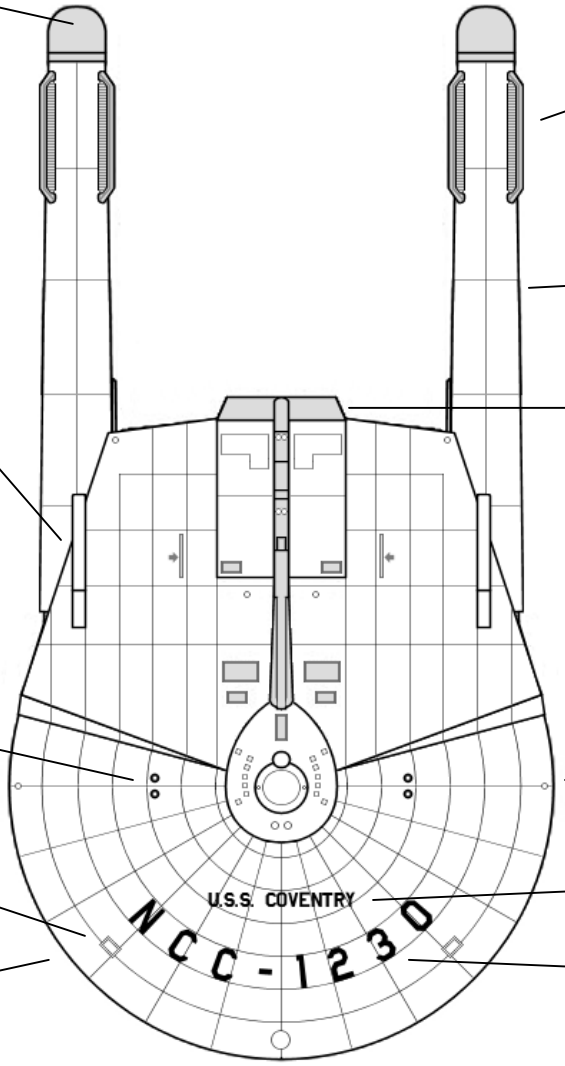
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MARCH 2259, SD 1740
VESSELS CONSTRUCTED	14

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS COVENTRY	NCC-1230	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA CLASS SPECIFICATIONS
USS SOCORRO	NCC-1231	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA CLASS SPECIFICATIONS
USS SANTANDER	NCC-1232	ACTIVE / STARFLEET COMMAND
USS ASSURANCE	NCC-1233	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA CLASS SPECIFICATIONS
USS DAHLGREN	NCC-1234	ACTIVE / STARFLEET COMMAND
USS JEN MIRI	NCC-1235	ACTIVE / STARFLEET COMMAND
USS CONSTANT	NCC-1236	ACTIVE / STARFLEET COMMAND
USS ASHANTI	NCC-1237	DESTROYED
USS SVERDLOV	NCC-1238	DESTROYED
USS ELTANIN	NCC-1239	ACTIVE / STARFLEET COMMAND
USS RESURGENT	NCC-1240	ACTIVE / STARFLEET COMMAND
USS AURIGA	NCC-1241	ACTIVE / STARFLEET COMMAND
USS CARRIACOU	NCC-1242	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA CLASS SPECIFICATIONS
USS INDUS	NCC-1243	DESTROYED

HEAVY FRIGATE CLASS

COVENTRY CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

MODULAR SYSTEM PYLON [PLANNED] [P/S]

IP186E IMPULSE UNIT HOUSING

MK IV TWIN EMITTER PHASER BANK [P/S]

NAVIGATION LIGHTS [P/S]

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

VESSEL'S COMMISIONED NAME

STARFLEET REGISTRY ID

PRIMARY HULL [SAUCER]

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

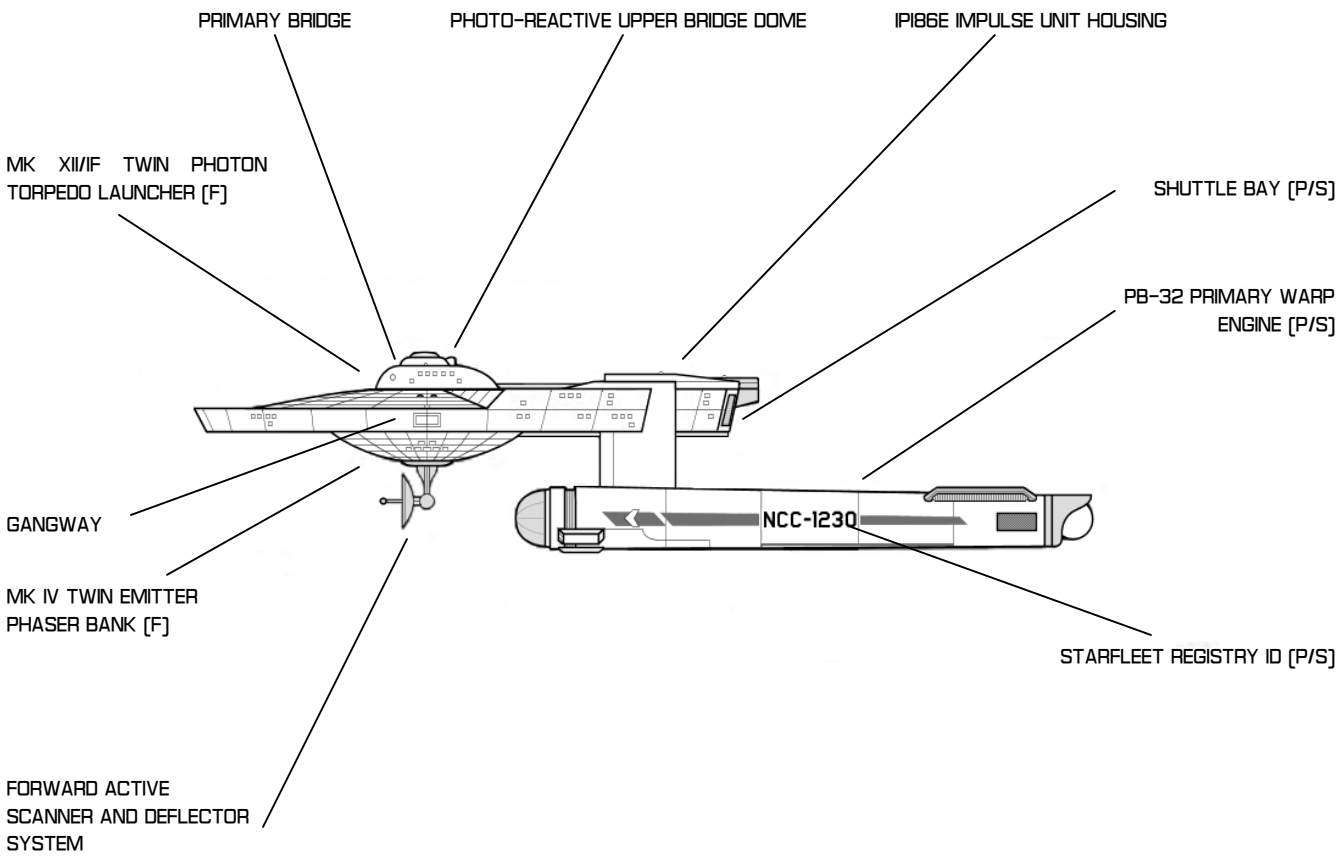
GENERAL PLANS:/RECOGNITION DETAIL
HEAVY FRIGATE [FA] / COVENTRY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY FRIGATE CLASS

COVENTRY CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
HEAVY FRIGATE [FA] / COVENTRY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY FRIGATE CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS [COMMAND]	35
CREW	260

DIMENSIONS	
DEADWEIGHT TONNAGE	160,000 MT
LENGTH	221M
BREADTH	127M
HEIGHT	49M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER [F, F/P, F/S]
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER [F]
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [F, A]

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM [WF 6/8]
IMPULSE/SL DRIVE	IPI86E [.75C]
RCS SYSTEM	CCR45C [500KPM]

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, FA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS [F/P, F/S]
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD [SAUCER]	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, SHUTTLEBAYS
DECK NINE	FORWARD [SAUCER]	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD [SAUCER]	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD [SAUCER]	PHASER COTNROL, PHASER BANK [F], SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL [PYLON]	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE THRU ELEVEN	DORSAL [PYLON]	AUXILLARY MACHINERY

CRUISER CLASS

ANTON CLASS STARSHIPS

GENERAL INFORMATION

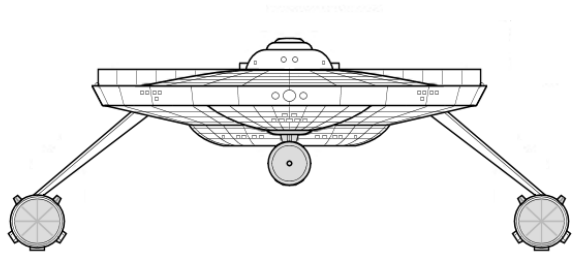
THE ANTON CLASS, ORIGINALLY, WAS DESIGNED AS A HEAVY CRUISER BACKUP FOR THE VENERABLE BATON ROUGE DESIGN, THE APPROVAL PROCESS FOR THE SHIP KEPT GETTING DELAYED, WITH EACH DELAY CAUSING THE DETERMINED DESIGNERS TO REVISIT THE DESIGN AND UPDATE IT TO THE NEWEST SPECIFICATIONS.

IN 2235, THE CLASS WAS ACTUALLY FORMALLY APPROVED, BUT WAS DELAYED BEFORE CONSTRUCTION COULD BEGIN PENDING THE RESULTS OF THE NEW FB-32 ENGINES. IT WOULD BE THIRTEEN YEARS BEFORE THE SHIP CLASS WAS FINALLY LAUNCHED.

THOUGH EFFECTIVE AS A CRUISER, THE ANTON NEVER SEEMED TO BE POPULAR WITH HER CREWS, AND WOULD PLAY A DISTANT SECOND-FIDDLE TO THE BETTER-RECEIVED *CONSTITUTION* CLASS STARSHIP. .

THE LEGACY OF THE *ANTON* CONTINUES, HOWEVER, AS NEW DESIGNS TOOK THE MORE SUCCESSFUL ELEMENTS AND CONCEPTS FROM HER AND GAVE BIRTH TO THE *SURYA* AND *CONVENTRY* CLASSES. IRONICALLY, THE REMAINING *ANTON* CLASS VESSELS ARE SCHEDULED FOR REFIT AND REBUILDING TO ITS OWN GRANDCHIILD DESIGN, THE NEW *MIRANDA* CLASS.

ANTON CLASS - BOW VIEW



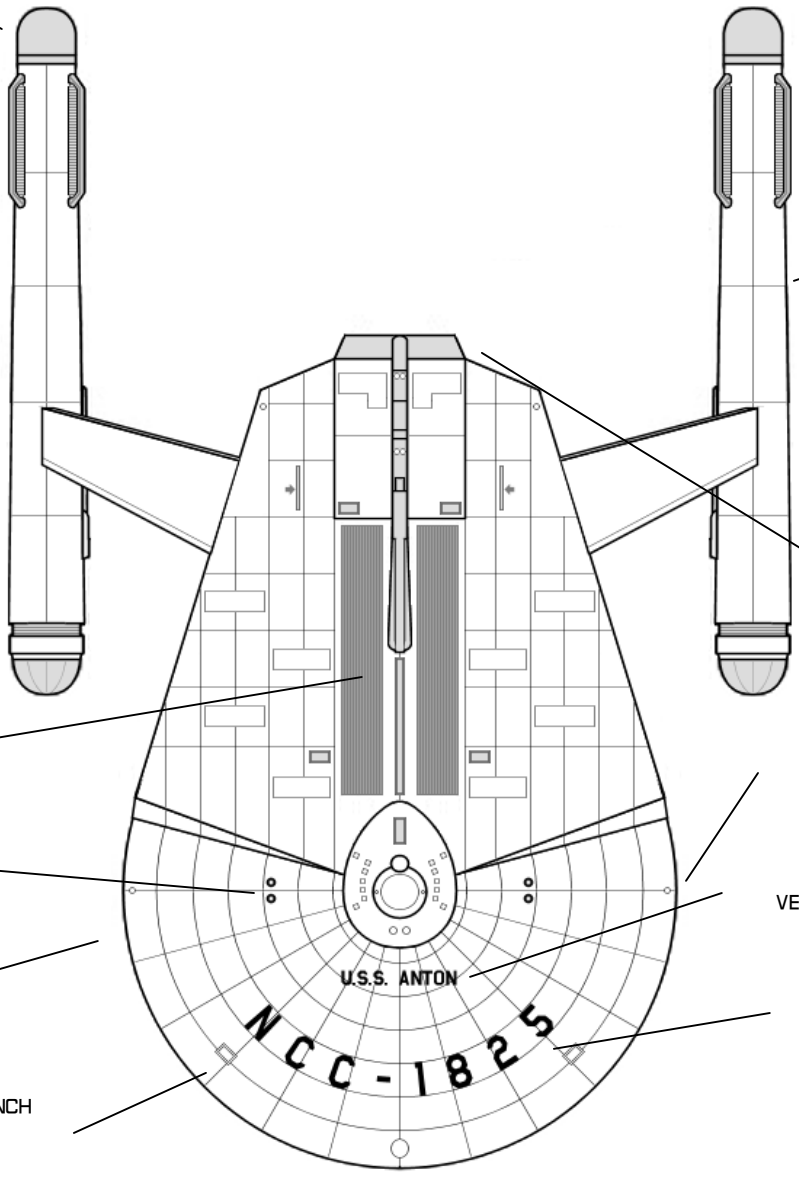
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DANA KNUTSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2248, SD 1695
VESSELS CONSTRUCTED	8

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS ANTON	NCC-1825	CLASS SHIP, DESTROYED
USS ANDERSON	NCC-1826	DESTROYED
USS HAMMANN	NCC-1827	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS HUGHES	NCC-1828	INACTIVE/ UNDERGOING RECONSTRUCTION TO MIRANDA SPEC.
USS SIMES	NCC-1829	ACTIVE / STARFLEET COMMAND
USS MUSTIN	NCC-1830	ACTIVE / STARFLEET COMMAND
USS RUSSELL	NCC-1831	ACTIVE / STARFLEET COMMAND
USS O'BRIEN	NCC-1832	ACTIVE / STARFLEET COMMAND

CRUISER CLASS

ANTON CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

IPI86E IMPULSE UNIT HOUSING

EMERGENCY FLUSH VENTS [P/S]

NAVIGATION LIGHTS [P/S]

MK IV TWIN EMITTER PHASER BANK [P/S]

VESSEL'S COMMISIONED NAME

PRIMARY HULL [SAUCER]

STARFLEET REGISTRY ID

AIRLOCK LIFT, LIFEBOAT LAUNCH [P/S]

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

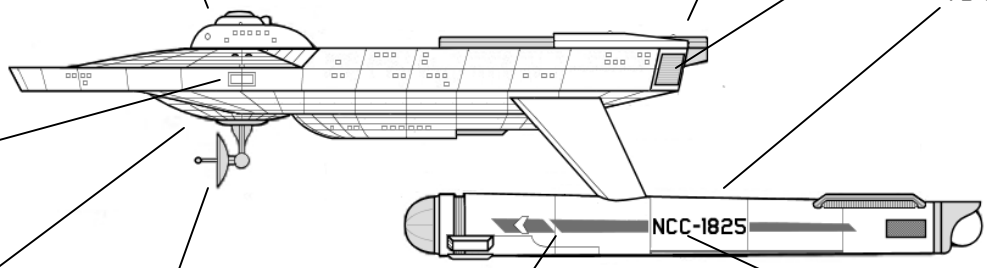
GENERAL PLANS:/RECOGNITION DETAIL
CRUISER [CA] / ANTON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CRUISER CLASS

ANTON CLASS STARSHIPS – PORT VIEW



PRIMARY BRIDGE

PHOTO-REACTIVE UPPER BRIDGE DOME

IPI86E IMPULSE UNIT HOUSING

SHUTTLEBAY [P/S]

PB-32 PRIMARY WARP ENGINE [P/S]

GANGWAY

MK IV TWIN EMITTER PHASER BANK [F]

STARFLEET REGISTRY ID [P/S]

FORWARD ACTIVE SCANNER AND DEFLECTOR SYSTEM

STARFLEET PENNANT

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
CRUISER [CC] /ANTON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DANA KNUTSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	215

DIMENSIONS	
DEADWEIGHT TONNAGE	160,000 MT
LENGTH	265M
BREADTH	179M
HEIGHT	68M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (F, A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	2
TYPE AF SHUTTLECRAFT	2
TYPE HF SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, CA
MAXIMUM OPERATING RANGE	5 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, SHUTTLEBAYS
DECK NINE		COMPUTER ARRAY, FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK TWELVE		CARGO HOLD, AUXILLARY MACHINERY
DECK THIRTEEN		CARGO HOLD, AUXILLARY MACHINERY

CRUISER CLASS

DECATUR CLASS STARSHIPS

GENERAL INFORMATION

THE *DECATUR* IS ONE OF THE LAST OF THE 'TRUE *CONSTITUTION*-ERA' VESSELS TO BE COMMISSIONED. THE SHIP WAS DESIGNED AS A LIGHTER VERSION OF THE *CONSTITUTION*., SACRIFICING MOST OF ITS AMINITIES TO CREATE A DEDICATED WARSHIP. AS A RESULT, THE *DECATUR* IS VERY SIMILAR IN COMBAT PERFORMANCE TO HER LARGER SISTER, BUT WITH SUBSTANTIALLY LESS WEIGHT AND OPERATIONS COST.

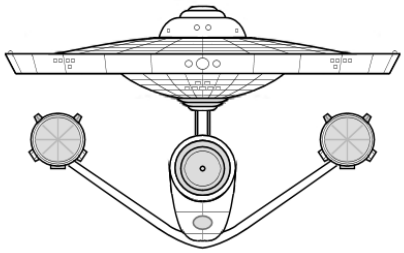
.

THE DECATUR IS DEPLOYED THROUGHOUT THE FEDERATION TO SERVE AS A COMBAT MAINSTAY IN SENSITIVE OR IMPORTANT AREAS OF FEDERATION INTEREST, PRIMARILY SERVING AS LINE DEFENSE AND NOT OFTEN FOR FIRST-RESPONSE. IN MILITARY ACTIONS, THEY'RE FAR MORE LIKELY TO BE ASSIGNED TO TASK FORCES THAN PATROLLING ON THEIR OWN.

THE REASON FOR THIS ASSIGNMENT IS PRETTY SIMPLE, THE *DECATUR*'S 'STRIPPED DOWN' CONFIGURATION ELIMINATES MANY OF THE FUNCTIONS THAT ALLOW THE LARGER *CONSTITUTION* CLASS TO PERFORM AS A VERSATILE MULTI-MISSION VESSEL, LEAVING A SHIP PRIMARILY CAPABLE AT COMBAT AND DEFENSE, WITH ONLY AVERAGE CAPABILITY IN OTHER ROLES..

DESPITE THIS LIMITATION, THE SHIP IS CONSIDERED A BOTH SUCCESSFUL AND EFFECTIVE, DESIGN. AS A RESULT, THE *DECATUR* CLASS HAS BEEN UPRATED TO THE NEW *BELKNAP* CLASS, MAKING USE OF THE NEW LN-SERIES WARP DRIVE [AND OTHER COMPONENTS]. THE UPRATING PROGRAM BEGAN IN JUNE OF 2271.

DECATUR CLASS - BOW VIEW



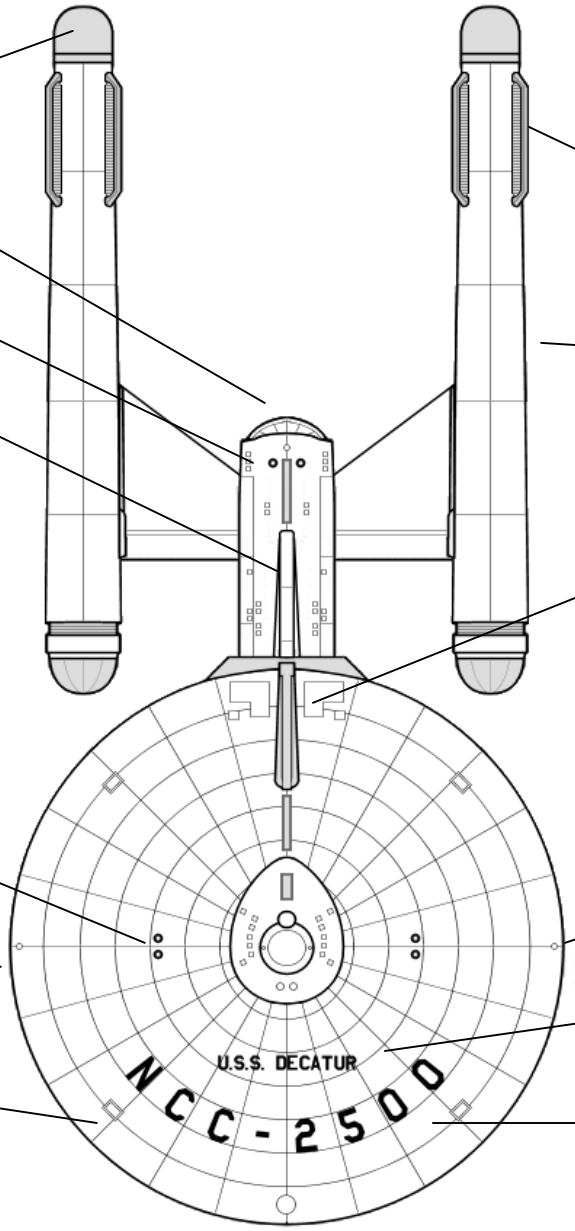
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	COSMODYNE SHIPYARDS
PROJECT INITIATION	MARCH 2264, SD 3220
VESSELS CONSTRUCTED	15

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS DECATUR	NCC-2500	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS BELKNAP	NCC-2501	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS BRADLEY	NCC-2502	ACTIVE / STARFLEET COMMAND
USS KHIRIRAT	NCC-2503	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS HAVERSHAM	NCC-1234	DECOMISSIONED
USS SOVEREIGN	NCC-2505	ACTIVE / STARFLEET COMMAND
USS CONCORD	NCC-2506	DECOMISSIONED
USS RISHIRI	NCC-2507	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS ESSAHIR	NCC-2508	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS JARRETT	NCC-2509	ACTIVE / STARFLEET COMMAND
USS FAHRION	NCC-2510	ACTIVE / STARFLEET COMMAND
USS ESTOCIN	NCC-2511	ACTIVE / STARFLEET COMMAND
USS MATSURRA	NCC-2512	INACTIVE/ UNDERGOING RECONSTRUCTION TO BELKNAP CLASS SPECIFICATIONS
USS BAIKAL	NCC-2513	ACTIVE / STARFLEET COMMAND
USS HAVEN	NCC-2514	ACTIVE / STARFLEET COMMAND

CRUISER CLASS

DECATUR CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

MAIN SHUTTLEBAY

MK IV SINGLE EMITTER PHASER BANK [P/S]

CONNECTING DORSAL

MK IV TWIN EMITTER PHASER BANK [P/S]

PRIMARY HULL [SAUCER]

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

IPI86E IMPULSE UNIT HOUSING

NAVIGATION LIGHTS [P/S]

VESSEL'S COMMISIONED NAME

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

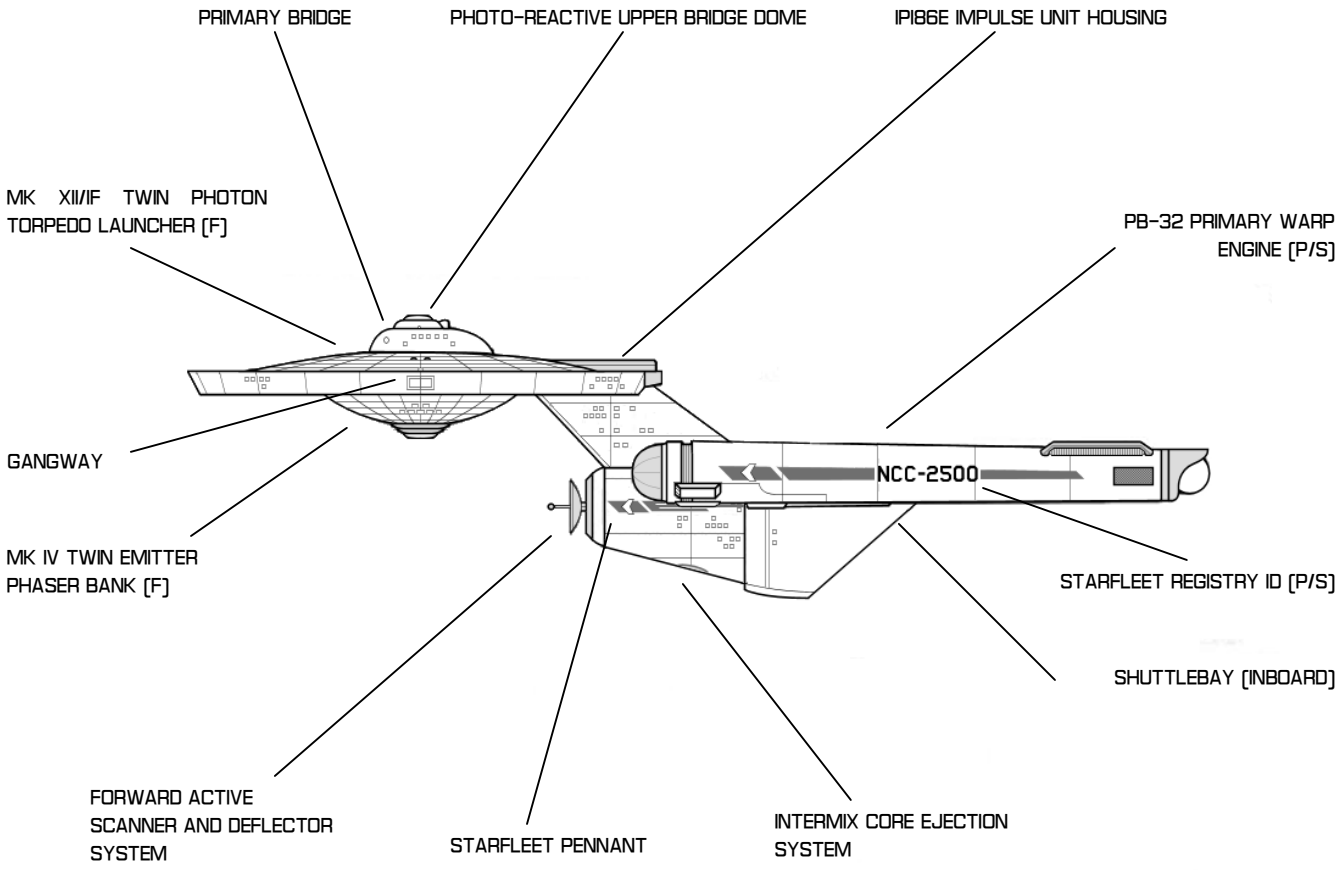
GENERAL PLANS:/RECOGNITION DETAIL
CRUISER [CC] / DECATUR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CRUISER CLASS

DECATUR CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
CRUISER [CC] / DECATUR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	32
CREW	280

DIMENSIONS	
DEADWEIGHT TONNAGE	175,000 MT
LENGTH	277M
BREADTH	127M
HEIGHT	78M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	4 STD / 3 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, CC
MAXIMUM OPERATING RANGE	3 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN THRU FOURTEEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECKS, LOUNGES
DECK FIFTEEN		SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK SIXTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK EIGHTEEN		SHUTTLE MAINTEINANCE, GYMNASIUM, LOUNGE
DECK NINETEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY		RECREATION AREA
DECK TWENTY-ONE		CREW QUARTERS
DECK TWENTY-TWO		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-THREE		STORAGE, CARGO HOLDS
DECK TWENTY-FOUR		CARGO HOLDS
DECK TWENTY-FIVE		EMEGENCY SEAL AND SEPERATION, STORAGE

EXPLORATION CRUISER CLASS

ACHERNAR CLASS STARSHIPS

GENERAL INFORMATION

THE DESIGN FOR THE *ACHERNAR* IS, OBVIOUS, A *CONSTITUTION* CLASS VARIANT, DESIGNED PRIMARILY TO EXTEND THE PREVIOUS DESIGN'S EXPLORATION AND RESEARCH CAPABLITIES AT THE EXPENSE OF SOME OF ITS COMBAT ABILTITIES AND OVERALL MASS. AS A RESULT, THE *ACHENRNAR* RETAINS MOST OF HER PARENT'S DESIGN, WITH ONLY SOME MODIFICATIONS MADE TO THE SECONDARY HULL.

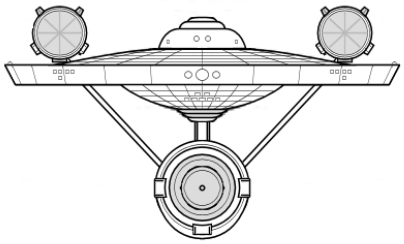
THE MAIN DIFFERENCE BETWEEN THE CLASSES, HOWEVER, IS POLITICAL. THE *ACHENAR* WAS AUTHORIZED WITH THE INTENTION THAT THEY BE CALLED PRIMARILY FOR EXPLORATION AND RESEARCH MISSIONS WITHIN THE FEDERATION FRONTIER, WITH MILITARY MISSIONS AT DRAMATICALLY REDUCED PRIORITY.

AT LEAST, THAT WAS THE THEORY. IN PRACTICE, THE MISSION PROFILES BETWEEN THE *CONSTITUTION* AND *ACHENAR* CLASS VESSELS OVERLAP HEAVILY AND OFTEN SWAP ASSIGNMENTS DEPENDING ON WHICH SHIP OF EITHER CLASS IS AVAILABLE.

WITH THIS IN MIND, CREWS AND EQUIPMENT ON BOARD ACHERNAR CLASSES ARE SLIGHTLY HEAVIER IN THE 'SCIENTIFIC' FIELDS, AND LESS IN SECURITY. THESE AREN'T TRUE TRAITS OF THE CLASS ITSELF, BUT THE POLITICS INVOLVED WITHIN THE FEDERATION.

AS OF 2272, HOWEVER, THE DIFFERENCE IS BEGINNING TO BE RENDERED MOOT, AS SHIPS OF THE ACHENAR CLASS ARE UPGRADED TO CONSTITUTION (REFIT) SPECIFICATIONS.

ACHENAR CLASS – BOW VIEW



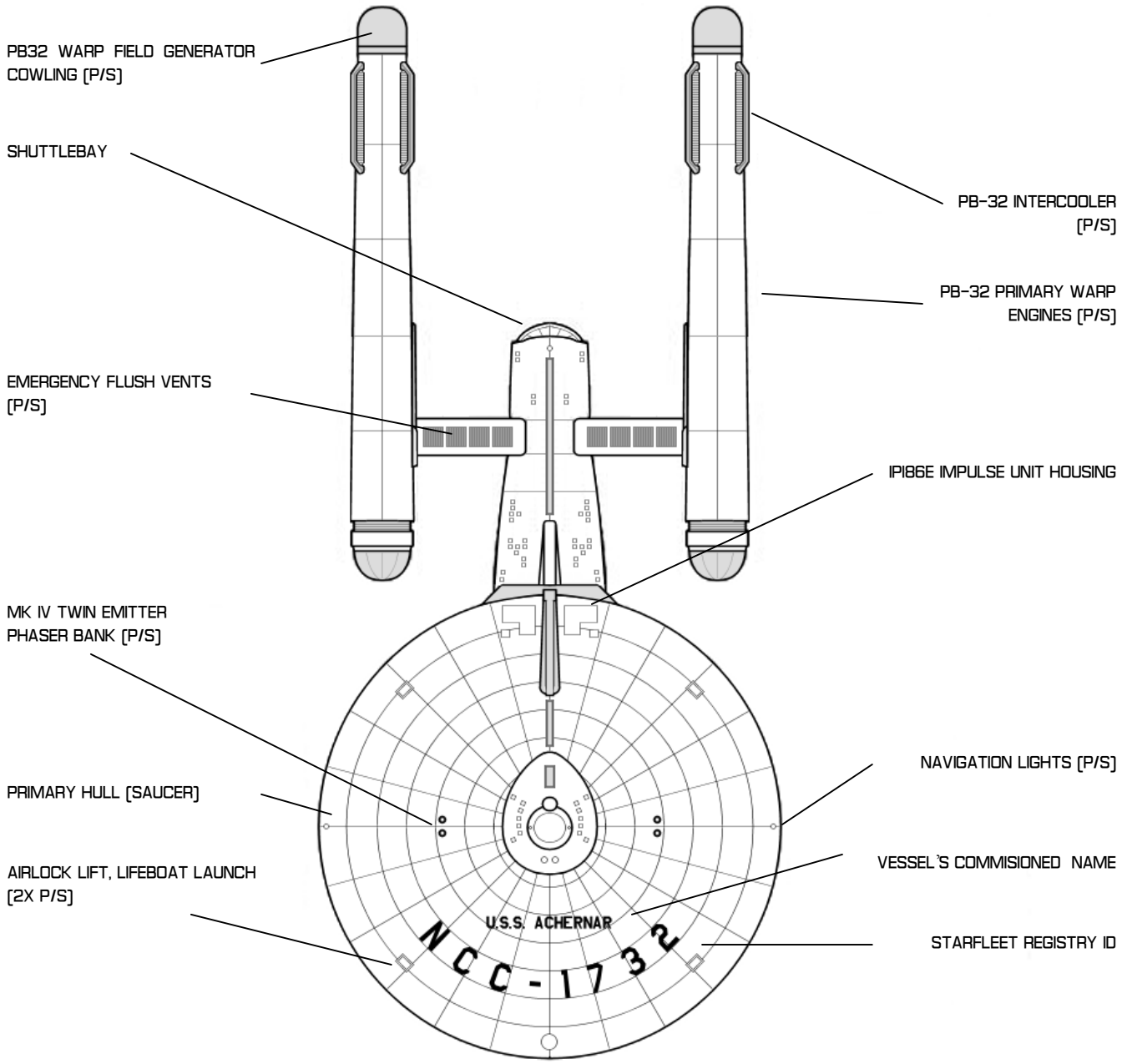
CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	13

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS ACHERNAR	NCC-1732	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS SOL	NCC-1733	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (REFIT) SPEC.
USS JUPITER	NCC-1734	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (REFIT) SPEC.
USS RIGIL KENTARUS	NCC-1735	DECOMISSIONED
USS QUINDAR	NCC-1736	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (REFIT) SPEC.
USS PROXIMA	NCC-1737	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (REFIT) SPEC.
USS ANDROCUS	NCC-1738	ACTIVE / STARFLEET COMMAND
USS ASTRAD	NCC-1739	ACTIVE / STARFLEET COMMAND
USS MONDOLOY	NCC-1740	ACTIVE / STARFLEET COMMAND
USS ALFR	NCC-1741	ACTIVE / STARFLEET COMMAND
USS THELONII	NCC-1742	DESTROYED
USS XANTHIII	NCC-1743	ACTIVE / STARFLEET COMMAND
USS SIRIUS	NCC-1744	ACTIVE / STARFLEET COMMAND

EXPLORATION CRUISER CLASS

ACHERNAR CLASS STARSHIPS



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

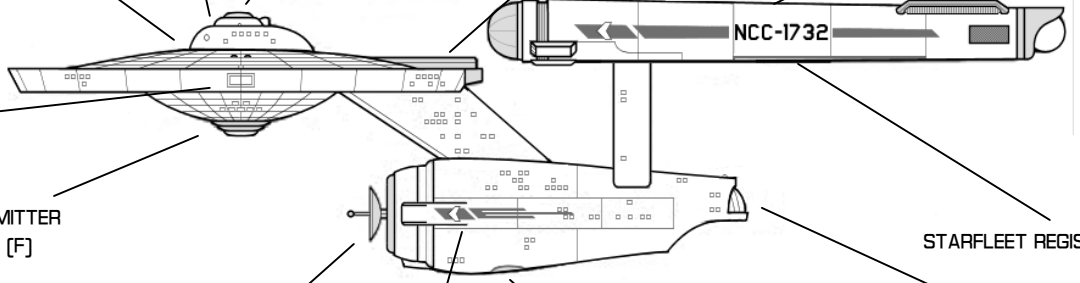
GENERAL PLANS:/RECOGNITION DETAIL
EXP. CRUISER [EX] / ACHERNAR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

EXPLORATION CRUISER CLASS

ACHERNAR CLASS STARSHIPS



PRIMARY BRIDGE

PHOTO-REACTIVE UPPER BRIDGE DOME

IPI86E IMPULSE UNIT HOUSING

MK XII/IF TWIN PHOTON TORPEDO LAUNCHER [F]

PB-32 PRIMARY WARP ENGINE [P/S]

GANGWAY

MK IV TWIN EMITTER PHASER BANK [F]

STARFLEET REGISTRY ID [P/S]

SHUTTLEBAY

FORWARD ACTIVE SCANNER AND DEFLECTOR SYSTEM

STARFLEET PENNANT

INTERMIX CORE EJECTION SYSTEM

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
EXP. CRUISER [EX] / ACHERNAR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

EXPLORATION CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	41
CREW	357

DIMENSIONS	
DEADWEIGHT TONNAGE	185,000 MT
LENGTH	287M
BREADTH	127M
HEIGHT	75M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	EXPLORATION, EC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN THRU FOURTEEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECKS, LOUNGES
DECK FIFTEEN		SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK SIXTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK EIGHTEEN		SHUTTLE MAINTEINANCE, GYMNASIUM, LOUNGE
DECK NINETEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY		RECREATION AREA
DECK TWENTY-ONE		CREW QUARTERS
DECK TWENTY-TWO		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-THREE		STORAGE, CARGO HOLDS
DECK TWENTY-FOUR		CARGO HOLDS

HEAVY CRUISER CLASS

CONSTITUTION CLASS STARSHIPS

GENERAL INFORMATION

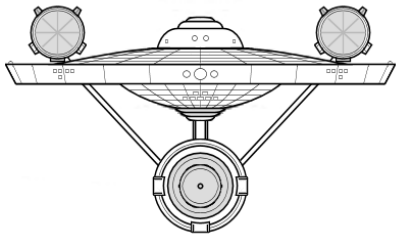
THE *CONSTITUTION* CLASS WAS LAUNCHED IN 2245 AS A "NEW GENERATION" WORKHORSE TO REPLACE THE AGING *BATON ROUGE* CLASS OF SHIPS. WHILE THE *BATON ROUGE* WOULD REPRESENT THE PINNACLE OF EARTH DESIGN, TECHNICAL INNOVATIONS FROM SEVERAL FEDERATION WORLDS WOULD TAKE THE STEPS LAID DOWN BY THE *BATON ROUGE*, REFINE THEM, AND CREATE AN AWE-INSPIRING NEW CLASS OF VESSEL.

IT HAS BEEN SAID THAT THE *CONSTITUTION* CLASS MADE BOTH THE FEDERATION AND STAR FLEET WHAT THEY ARE TODAY. WHILE THAT MAY BE OVERSTATING THINGS, THERE IS NO DENYING THAT THE VESSELS HAVE HAD A PROFOUND IMPACT. THE FIRST MAIN-LINE SHIPS EQUIPPED WITH DILITHIUM FOCUS M/AM WARP DRIVES, THEY COULD EASILY OUTPACE MOST SHIPS SENT AGAINST THEM. WHEN EVENTUALLY EQUIPPED WITH THE THEN-NEW PHASER MK III AND MK IV SUITES, HER COMBAT ABILITIES PROVED MORE THAN DECISIVE MANY TIMES.

BEYOND COMBAT, HOWEVER, THE *CONSTITUTION* CLASS WAS SENT OUT TO EXPLORE THE FEDERATION FRONTIER, WITH PROFOUND IMPROVEMENTS IN SCIENCE AND SENSOR CAPABILITIES. SHIPS OF THE CLASS WOULD EXPAND THE BORDERS OF THE FEDERATION, AS WELL AS THE FEDERATION'S KNOWLEDGE OF WHAT'S IN OUR GALAXY.

AS OF 2271, HOWEVER, THE CLASS WAS BEGINNING TO SHOW HER AGE, BUT A RADICAL "REFIT" UPRATING PROGRAM WAS BEGUN WITH THE *CONSTITUTION* HERSELF TO KEEP THE SHIPS IN THE FLEET FOR AT LEAST THE NEXT QUARTER-CENTURY.

CONSTITUTION CLASS - BOW VIEW



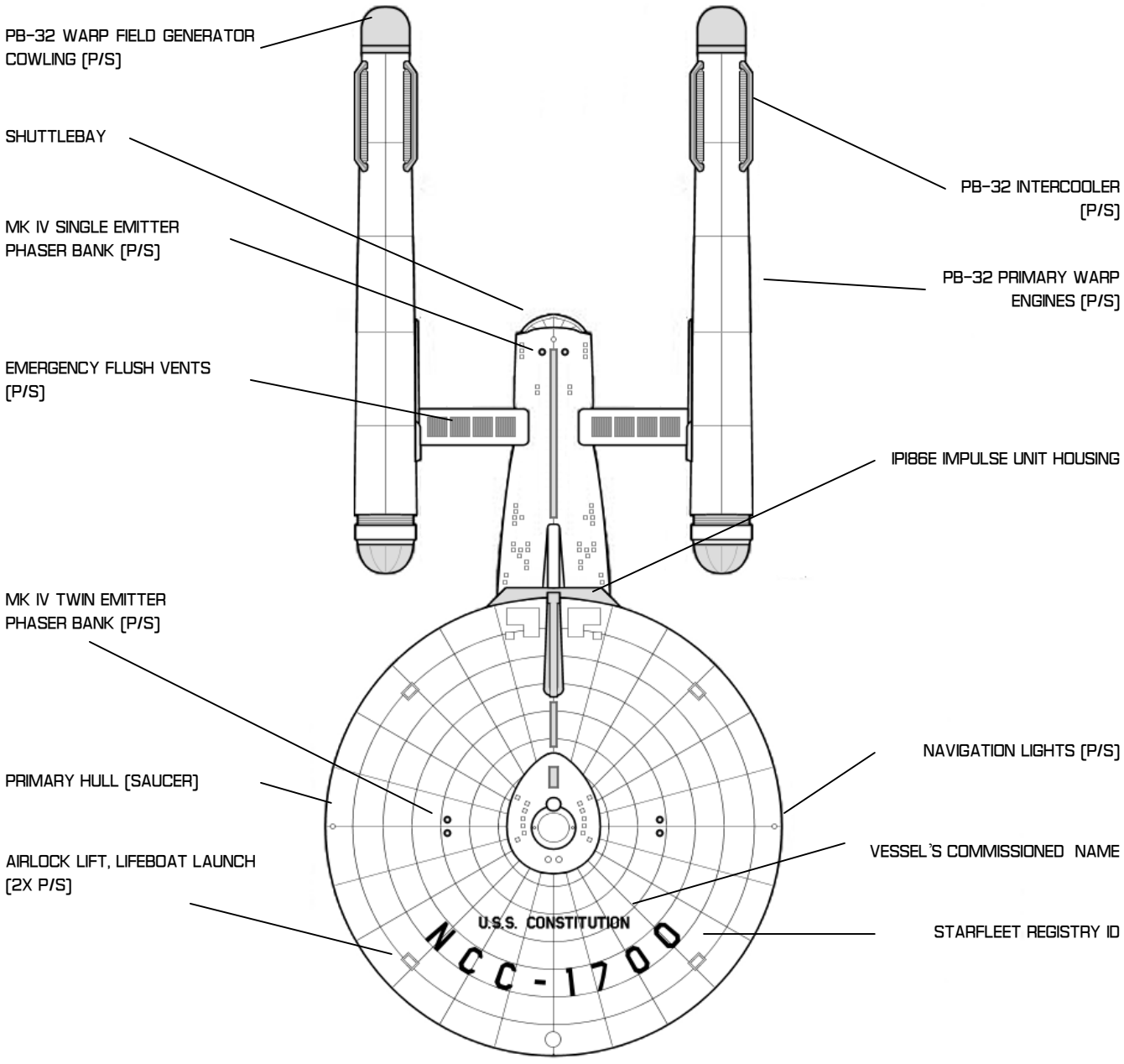
CONSTRUCTION DETAILS

CHIEF OF DESIGN	MATTHEW JEFFERIES
PRIMARY SHIPYARD	UTOPIA PLANITIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	18

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS CONSTITUTION	NCC-1700	CLASS SHIP; REFIT TO CONSTITUTION (UPRATED) CLASS IN 2271
USS CONSTELLATION	NCC-1017	DESTROYED
USS SHENZHOU	NCC-1018	RETIRED IN 2266
USS BURAN	NCC-1019	RETIRED IN 2264
USS YAMATO	NCC-1305-A	UPRATED TO CONSTITUTION (UPRATED) CLASS IN 2271
USS ENTERPRISE	NCC-1701	UPRATED TO CONSTITUTION (UPRATED) CLASS IN 2271
USS CENTURION	NCC-1702	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION CLASS (U) SPEC.
USS HOOD	NCC-1703	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION CLASS (U) SPEC.
USS BISMARK	NCC-1704	DESTROYED
USS EXCALIBUR	NCC-1705	DECOMMISSIONED
USS EXETER	NCC-1706	ACTIVE / STARFLEET COMMAND
USS RANGER	NCC-1707	ACTIVE / STARFLEET COMMAND
USS VALIANT	NCC-1708	ACTIVE / STARFLEET COMMAND
USS LEXINGTON	NCC-1709	ACTIVE / STARFLEET COMMAND
USS KONGO	NCC-1710	ACTIVE / STARFLEET COMMAND
USS POTEMKIN	NCC-1711	ACTIVE / STARFLEET COMMAND
USS VICTORY	NCC-1760	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (U) CLASS SPEC.
USS DEFIANT	NCC-1764	MISSING IN ACTION

HEAVY CRUISER CLASS

CONSTITUTION CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

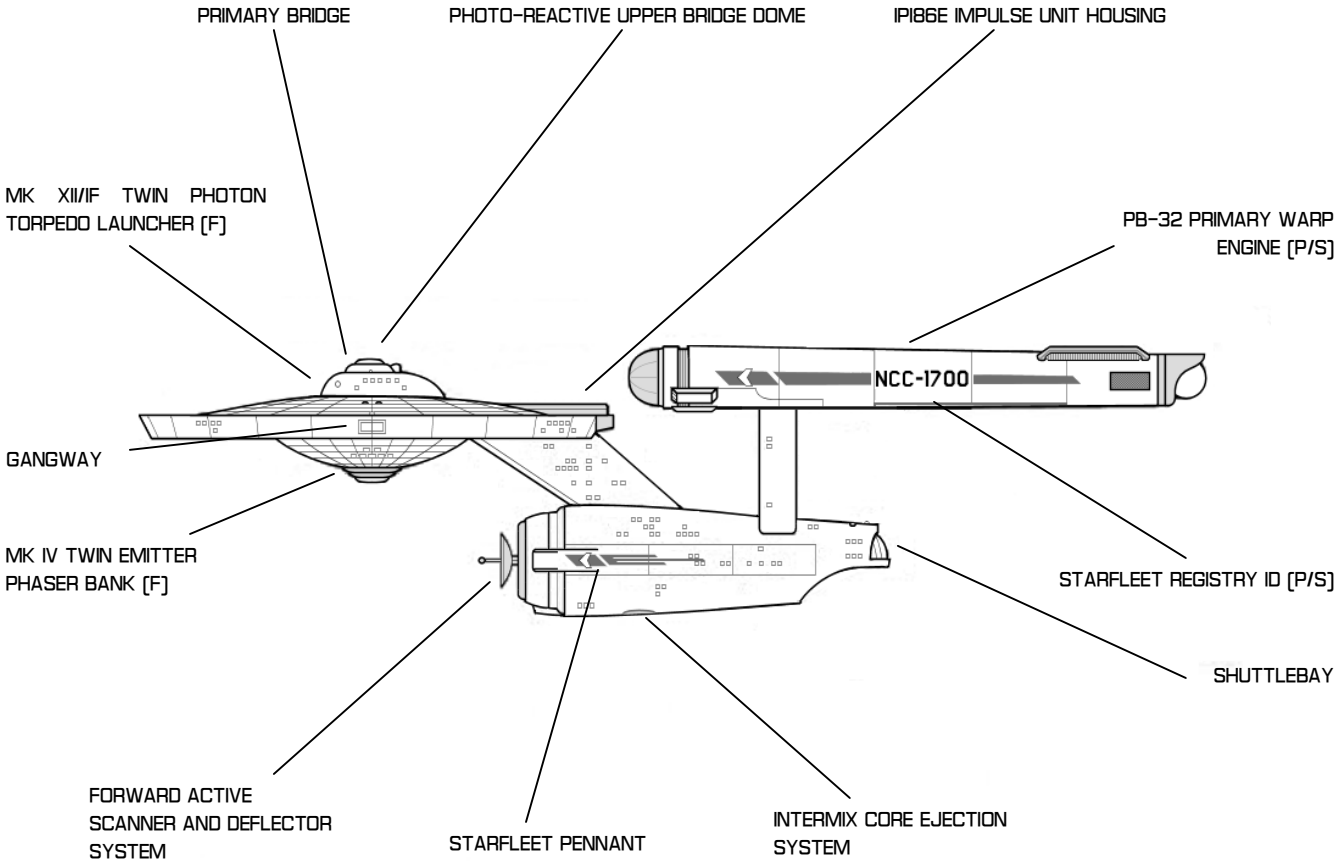
GENERAL PLANS:/RECOGNITION DETAIL
HEAVY CRUSIER [CA] / CONSTITUTION CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATTHEW JEFFERIES
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY CRUISER CLASS

CONSTITUTION CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
HEAVY CRUISER [CA] / CONSTITUTION CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATTHEW JEFFERIES
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	387

DIMENSIONS	
DEADWEIGHT TONNAGE	190,000 MT
LENGTH	290 M
BREADTH	127 M
HEIGHT	72 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4
TYPE HF SHUTTLECRAFT	2
TYPE AF SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	5 STD / 4 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	EXPLORATION/PATROL, CA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX. CONTROL, PERSONNEL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER CONTROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMERGENCY SEAL AND SEPARATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILARY MACHINERY
DECK TEN THRU FOURTEEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECKS, LOUNGES
DECK FIFTEEN		SHUTTLEBAY, SHUTTLE OBSERVATION
DECK SIXTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK EIGHTEEN		SHUTTLE MAINTENANCE, GYMNASIUM, LOUNGE
DECK NINETEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY		RECREATION AREA
DECK TWENTY-ONE		CREW QUARTERS
DECK TWENTY-TWO		FABRICATION FACILITIES, FOOD STORES, WASTE RECLAMATION
DECK TWENTY-THREE		STORAGE, CARGO HOLDS
DECK TWENTY-FOUR		CARGO HOLDS

HEAVY CRUISER CLASS

ENDEAVOUR CLASS STARSHIPS

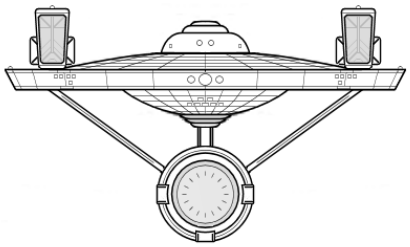
GENERAL INFORMATION

WITH THE *CONSTITUTION* CLASS BEING MOST VERSATILE OF FEDERATION DESIGNS, IT WAS ONLY NATURAL THAT WHEN NEW ENGINE DESIGNS WERE APPROVED, THAT NEW CLASSES USING THE BASIC CONCEPTS OF THE *CONSTITUTION* CLASS WOULD BE FIELDED FOR THOSE NEW ENGINES. THIS IS HOW THE *ENDEAVOUR* CLASS CAME INTO BEING.

THE *ENDEAVOUR*, HOWEVER, WAS NEVER MEANT TO BE A GENERATIONAL REPLACEMENT TO THE *CONSTITUTION*, AND WAS DESIGNED AS AN INCREMENTAL IMPROVEMENT TO THE EXISTING FLEET, MAKING USE OF SOME OF THE NEW SYSTEMS AVAILABLE IN THE 2260'S. THE SHIPS PERFORM, PER SPEC, MARGINALLY BETTER THAN A STRICT SPECIFICATION *CONSTITUTION* CLASS, HOWEVER, MORE 'TWEAKED' *CONSTITUTION* CLASS SHIPS (SUCH AS THE LEGENDARY *ENTERPRISE*) STILL MANAGED TO BEST THE *ENDEAVOUR* IN TRIAL RUNS.

AS WITH OTHER SHIP CLASSES SPORTING THE LN-40 ENGINES, ONLY A HANDFUL OF *ENDEAVOUR* CLASS VESSELS WERE BUILT. CURRENT PLANS ARE TO ONLY REFIT ENDEAVOUR CLASS SHIPS TO THE NEW *CONSTITUTION* (REFIT) SPECIFICATIONS ONLY AFTER ALL REMAINING ORIGINAL DESIGN *CONSTITUTION* AND *ACHERNAR* CLASS VESSELS ARE COMPLETED.

ENDEAVOUR CLASS - BOW VIEW



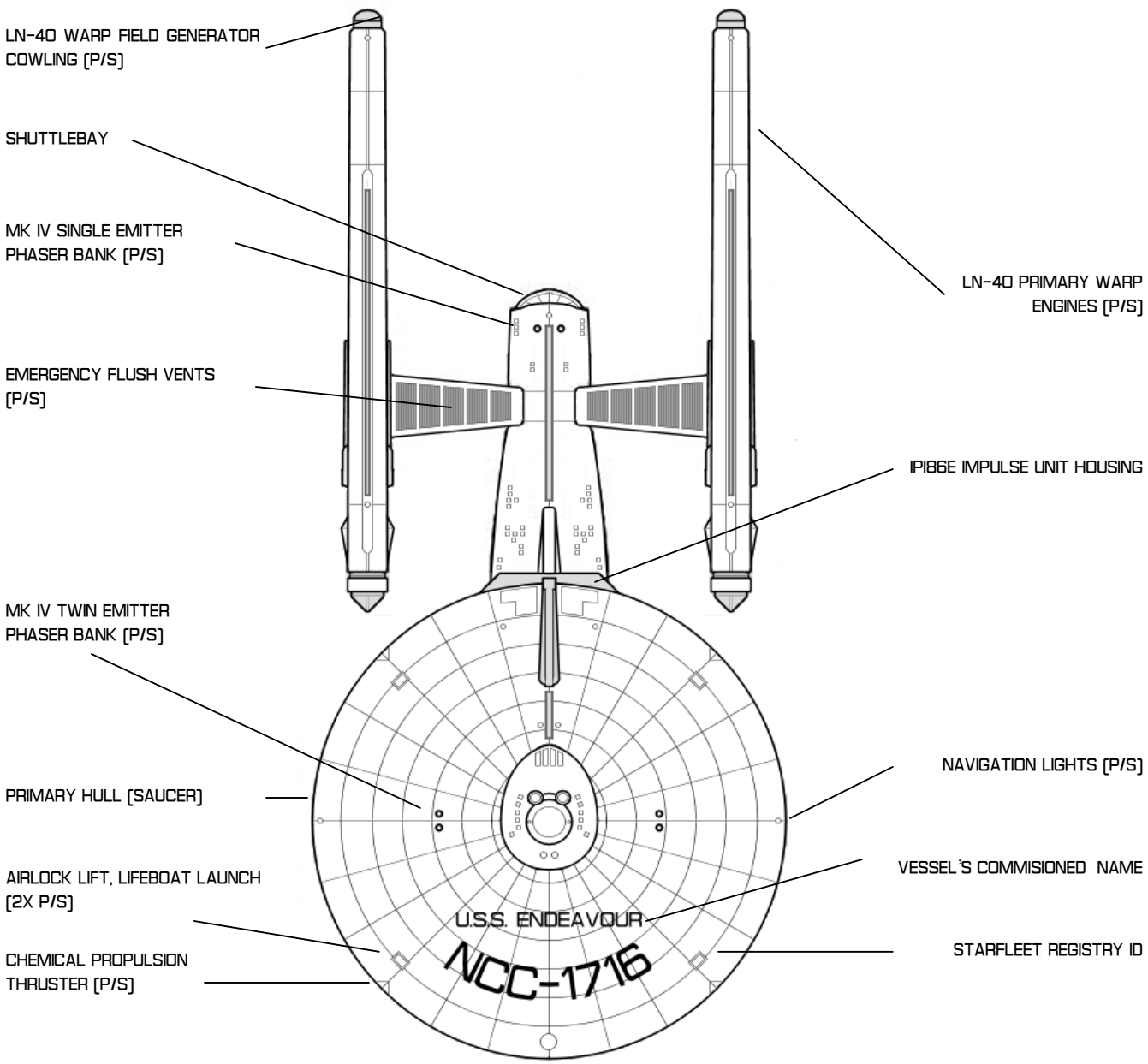
CONSTRUCTION DETAILS

CHIEF OF DESIGN	ARIDAS SOFIA
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2265, SD 3939
VESSELS CONSTRUCTED	16

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS ENDEAVOUR	NCC-1716	CLASS SHIP; DESTROYED
USS YORKTOWN	NCC-1717	ACTIVE / STARFLEET COMMAND
USS VALIANT	NCC-1718	ACTIVE / STARFLEET COMMAND
USS ZUIHO	NCC-1719	ACTIVE / STARFLEET COMMAND
USS RADETSKY	NCC-1720	ACTIVE / STARFLEET COMMAND
USS UKRANIA	NCC-1721	ACTIVE / STARFLEET COMMAND
USS EL DORADO	NCC-1722	ACTIVE / STARFLEET COMMAND
USS ARI	NCC-1723	DESTROYED
USS KENT	NCC-1724	ACTIVE / STARFLEET COMMAND
USS TORI	NCC-1725	ACTIVE / STARFLEET COMMAND
USS KRIEGER	NCC-1726	ACTIVE / STARFLEET COMMAND
USS TRUXTON	NCC-1727	ACTIVE / STARFLEET COMMAND
USS TI-HO	NCC-1728	ACTIVE / STARFLEET COMMAND
USS CONFIANCE	NCC-1729	ACTIVE / STARFLEET COMMAND
USS BUNKER HILL	NCC-1730	ACTIVE / STARFLEET COMMAND
USS LA VENGEANCE	NCC-1731	ACTIVE / STARFLEET COMMAND

HEAVY CRUISER CLASS

ENDEAVOUR CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

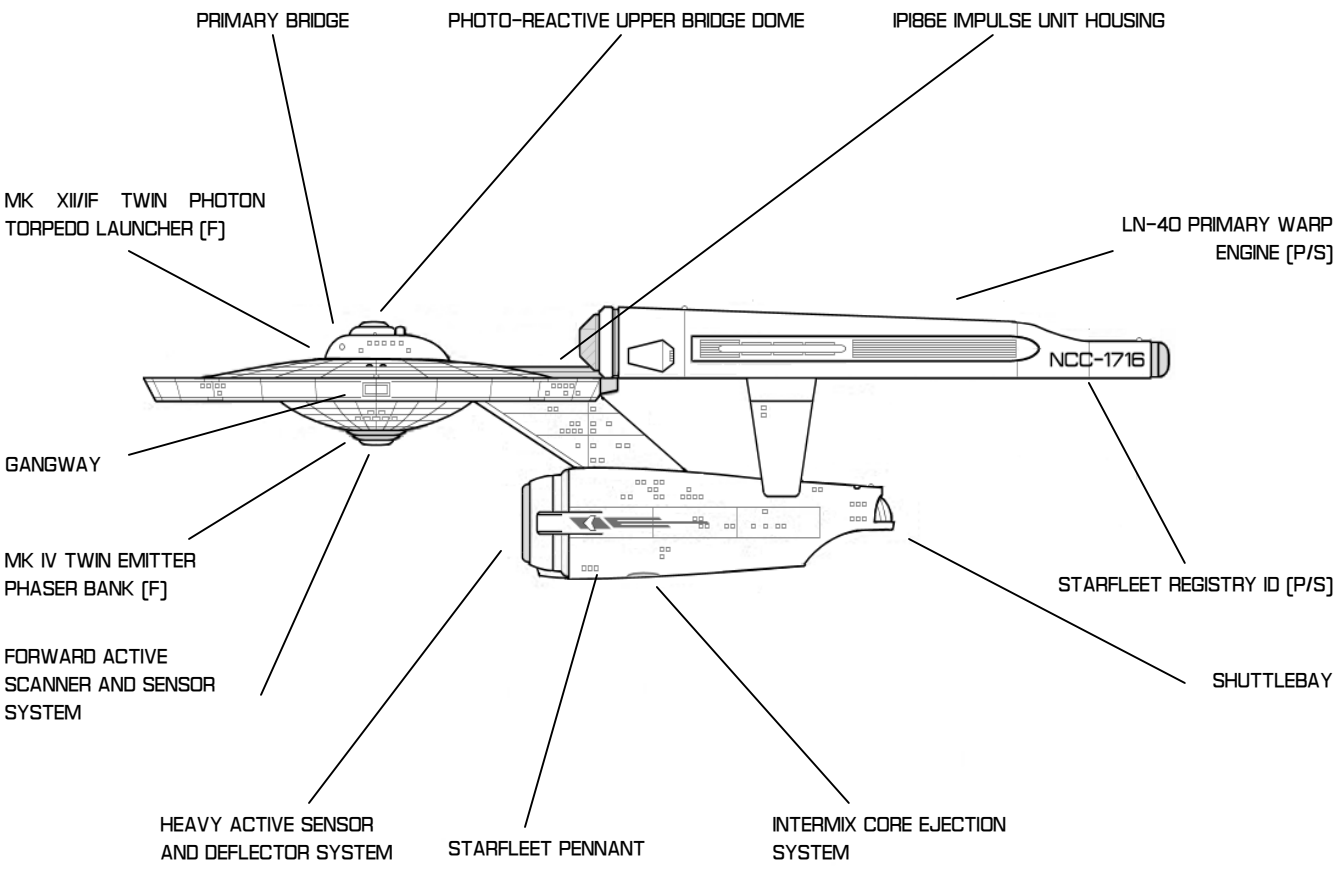
GENERAL PLANS:/RECOGNITION DETAIL
HEAVY CRUISER [CA] / ENDEAVOUR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

HEAVY CRUISER CLASS

ENDEAVOUR CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
HEAVY CRUISER [CA] / ENDEAVOUR CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	ARIDAS SOFIA
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	387

DIMENSIONS	
DEADWEIGHT TONNAGE	165,000 MT
LENGTH	290M
BREADTH	127M
HEIGHT	72M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF3A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	LN-40 MK III—TANDEM (WF 7/9)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4
TYPE HF SHUTTLECRAFT	2
TYPE AF SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	5 STD / 4 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	EXPLORATION/PATROL, CA
MAXIMUM OPERATING RANGE	12 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS, MAIN RECREATION DECK
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN THRU FOURTEEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECKS, LOUNGES
DECK FIFTEEN		SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK SIXTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK EIGHTEEN		SHUTTLE MAINTEINANCE, GYMNASIUM, LOUNGE
DECK NINETEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY		RECREATION AREA
DECK TWENTY-ONE		CREW QUARTERS
DECK TWENTY-TWO		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-THREE		STORAGE, CARGO HOLDS
DECK TWENTY-FOUR		CARGO HOLDS

COMMAND CRUISER CLASS

BALSON CLASS STARSHIPS

GENERAL INFORMATION

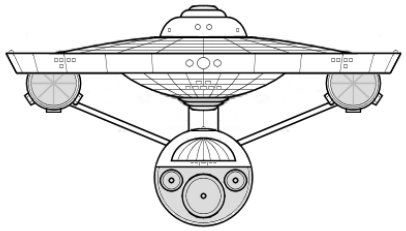
THE *BALSON* CLASS IS ONE OF A HANDFUL OF STARSHIP CLASSES BORN OUT OF THE REDUCTIONS OF THE DREADNOUGHT PROJECT. THIS VESSEL, HOWEVER, WOULD RETAIN MUCH OF THE DREADNOUGHT'S CAPABILITIES, MAKING USE OF THE SECONDARY HULL ASSEMBLY.

THE PRIMARY "MARK-DOWN" FOR THE *BALSON* IS THE REMOVAL OF THE *FEDERATION*'S PRIMARY HULL AND THIRD PB-32 WARP ENGINE, REPLACING THE UPPER ASSEMBLY WITH A TRADITIONAL PRIMARY SAUCER. THE RESULT IS A SLEEKER, LIGHTER VESSEL WITH A SUBSTANTIAL DECREASE IN OVERALL COST, AND WITH NOT TOO MUCH REDUCTION IN CAPABILITIES.

DESPITE BEING LARGELY CONSIDERED A SUCCESS, THE *BALSON* CLASS WAS INTENDED ALL ALONG TO BE A REDUCED VERSION OF THE DREADNOUGHT, AND WAS APPROPRIATED ACCORDINGLY. THE THREE SHIPS OF THE CLASS HAVE BEEN ASSIGNED LARGELY AS DETERRENTS AGAINST KLINGON OR ROMULAN AGGRESSION, AND ARE OFTEN BEING EMPLOYED AS THE CENTERPIECE OF A BATTLE GROUP.

THOUGH NOT AS CONTROVERSIAL AS THE "POLITICALLY INCORRECT" DREADNOUGHT SERIES, THE *BALSON* IS SEEN, AND RIGHTFULLY SO, AS A COMBAT VESSEL FIRST. WITH THAT DISTINCTION, NUMEROUS MEMBERS OF THE FEDERATION [MOST NOTABLY VULCANS] ARE DRAMATICALLY OPPOSED TO EXPAND THE PROGRAM BEYOND THE UPRATING OF THE EXISTING SHIPS OF THE CLASS.

BALSON CLASS – BOW VIEW



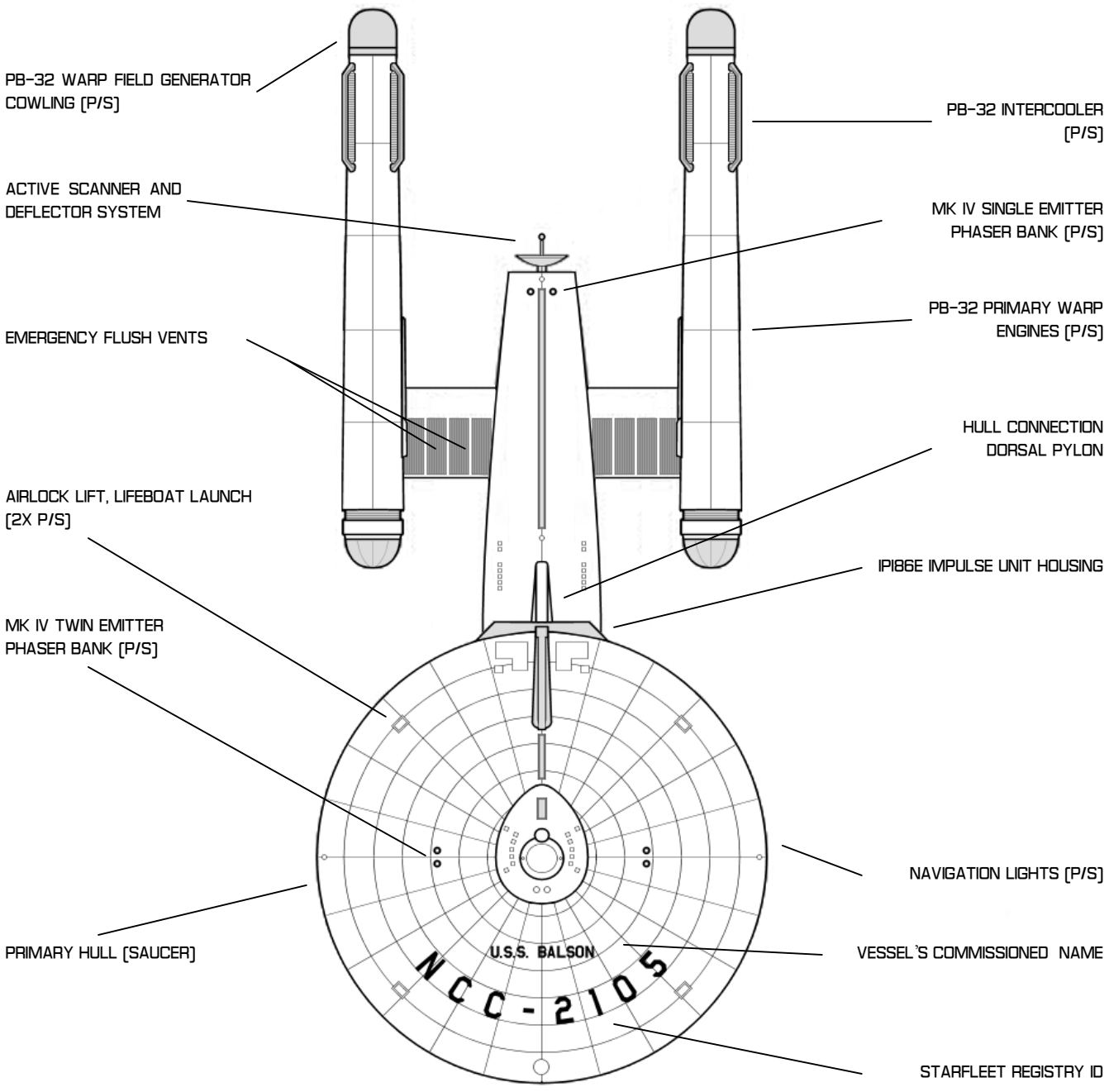
CONSTRUCTION DETAILS

CHIEF OF DESIGN	TODD GUENTHER
PRIMARY SHIPYARD	UTOPIA PLANITIA
PROJECT INITIATION	MARCH 2269, SD 5920
VESSELS CONSTRUCTED	3

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANUARY 2272]
USS BALSON	NCC-2105	CLASS SHIP, INACTIVE/ UNDERGOING UPRATING TO BALSON CLASS [U] SPEC.
USS CARLUSSI	NCC-2113	ACTIVE / STARFLEET COMMAND
USS DIEKMANN	NCC-2114	ACTIVE / STARFLEET COMMAND

COMMAND CRUISER CLASS

BALSON CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

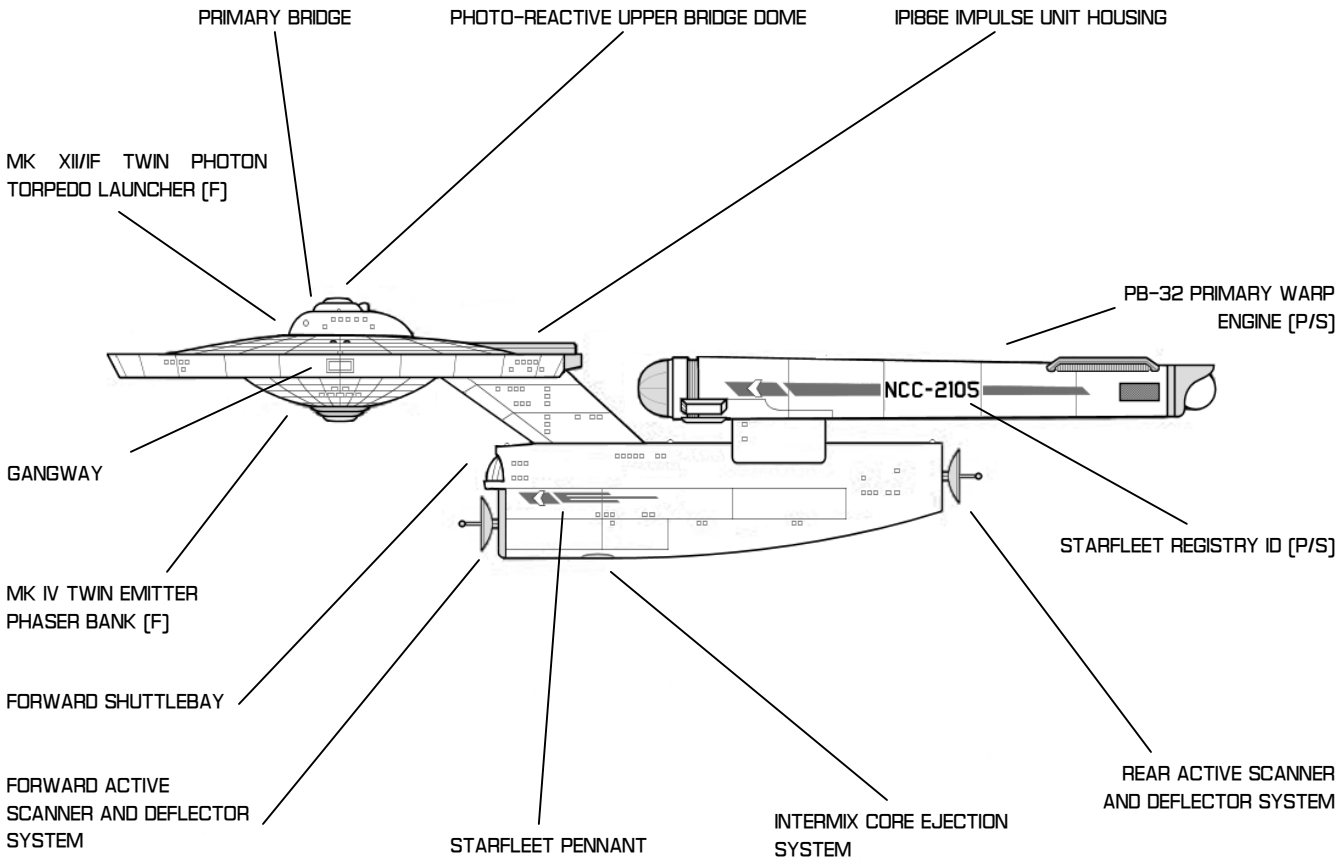
GENERAL PLANS:/RECOGNITION DETAIL
COMMAND CRUISER [CC] / BALSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

COMMAND CRUISER CLASS

BALSON CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
COMMAND CRUISER [CC] / BALSON CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	TODD GUENTHER
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

COMMAND CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	50
CREW	380

DIMENSIONS	
DEADWEIGHT TONNAGE	215,000 MT
LENGTH	302 M
BREADTH	127 M
HEIGHT	72 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2)
	MK IV SINGLE EMITTER (V X2)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (F, A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4
TYPE HF SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL LEADER, CC
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX. CONTROL, PERSONNEL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER CONTROL, PHASER BANK (F)
DECK EIGHT	DORSAL (PYLON)	EMERGENCY SEAL AND SEPARATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILARY MACHINERY,
DECK TEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN THRU FOURTEEN	DORSAL (PYLON)	STORAGE, REAR OBSERVATION DECK
DECK FIFTEEN		FORWARD SHUTTLEBAY, SHUTTLE OBSERVATION
DECK SIXTEEN		FORWARD SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		FORWARD SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK EIGHTEEN		SHUTTLE MAINTENANCE, GYMNASIUM, LOUNGE
DECK NINETEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY		RECREATION AREA
DECK TWENTY-ONE		CREW QUARTERS
DECK TWENTY-TWO		CREW QUARTERS
DECK TWENTY-THREE		FABRICATION FACILITIES, FOOD STORES, WASTE RECLAMATION
DECK TWENTY-FOUR		STORAGE, CARGO HOLDS
DECK TWENTY-FIVE		STORAGE, CARGO HOLDS, VENTRAL PHASER CONTROL, PHASER BANK (V)

BATTLECRUISER CLASS

KIROV CLASS STARSHIPS

GENERAL INFORMATION

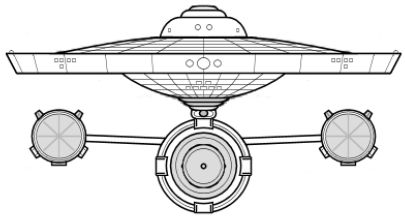
IN THE 2250S, THREATS TO THE FEDERATION WERE INCREASING AND SEEMINGLY EVER-PRESENT. IT WAS BELIEVED BY MANY THAT STAR FLEET NEEDED TO BOLSTER ITS COMBAT CAPABILITIES FAR BEYOND WHAT EARTH HAD MAINTAINED ALONE. UNFORTUNATELY, THE BUDGET FOR THE FLEET WASN'T INCREASED ACCORDINGLY.

WITH THIS IN MIND, THE DECISION WAS MADE FOR A BATTLECRUISER VARIANT OF THE VENERABLE *CONSTITUTION* CLASS. THE BASIC PLAN WAS SIMPLE, CUT DOWN ON THE SCIENCE EQUIPMENT, AND BOLSTER THE SHIP'S DESIGN INSTEAD WITH INCREASED FIREPOWER AND A TOUGHER OVERALL STRUCTURE.

IT'S NOT TOO SURPRISING, THEN, THAT THE KIROV PERFORMS MUCH LIKE THE *CONSTITUTION* HERSELF. STRONGER IN COMBAT THAN HER COUSIN, THE *KIROV* SPORTS AN AFT TORPEDO LAUNCHER (A MODIFICATION WHICH WOULD BE FOUND LATER ON MANY INDIVIDUAL SHIPS OF THE *CONSTITUTION* CLASS) AND A MORE RIGID STRUCTURE THANKS PRIMARILY TO ITS MORE SUBSTANTIAL ENGINE PYLONS.

AS EXPECTED, HOWEVER, THE *KIROV*'S PERFORMANCE SUFFERS DRAMATICALLY IN EXPLORATION AND SCIENTIFIC DUTIES. THE LACK OF EXTENDED SENSORS ALSO HAMPERS THE SHIP TACTICALLY, PARTICULARLY WHEN DEALING WITH CLOAKED ROMULAN VESSELS. DESPITE THIS SHORTCOMING, THE *KIROV* IS A FORMIDABLE DEFENDER OF FEDERATION SPACE.

KIROV CLASS - BOW VIEW



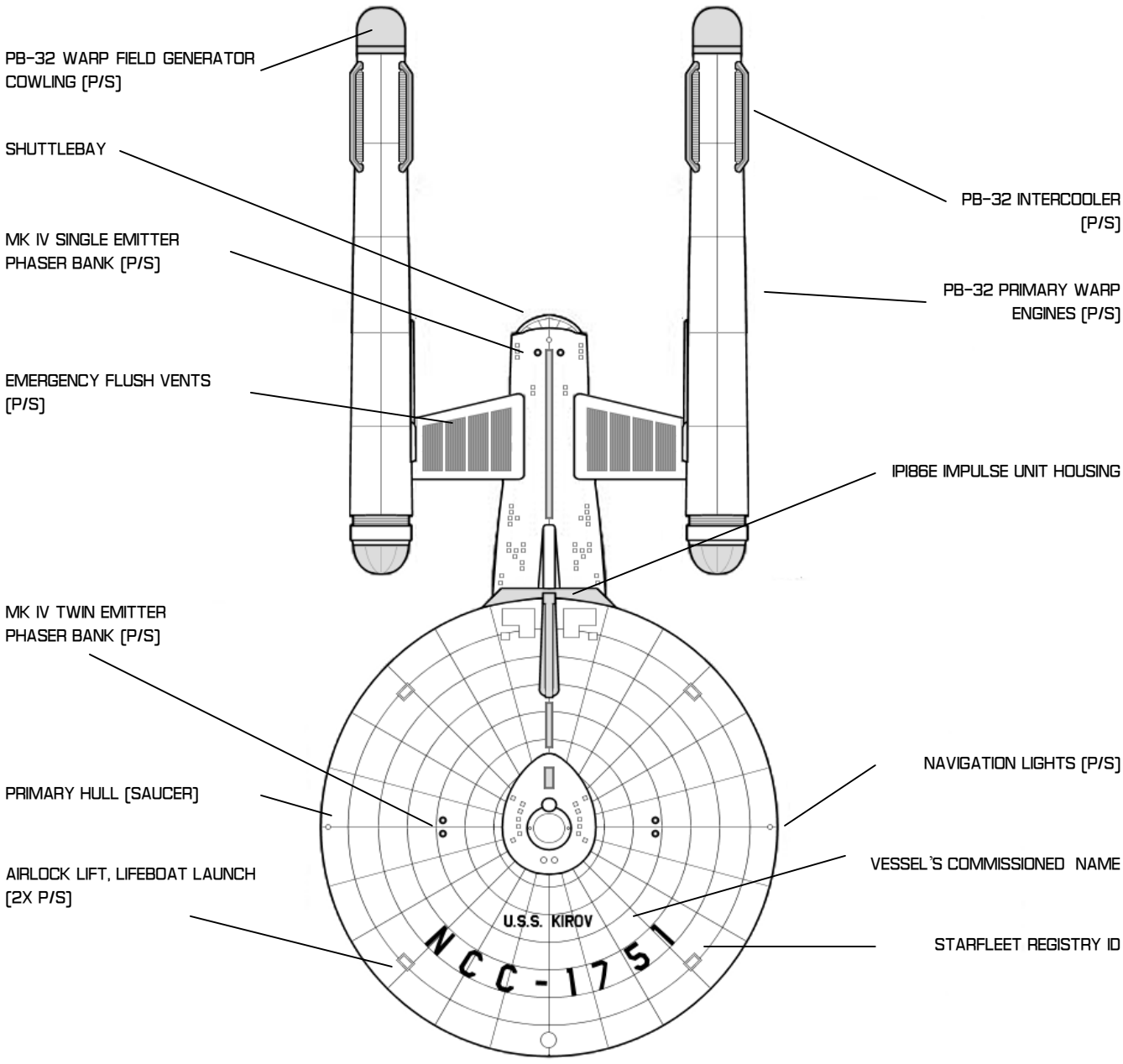
CONSTRUCTION DETAILS

CHIEF OF DESIGN	STEVE COLE
PRIMARY SHIPYARD	SAN FRANCISCO ORBITAL
PROJECT INITIATION	MARCH 2264, SD 4840
VESSELS CONSTRUCTED	9

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS KIROV	NCC-1751	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS AUSTRALIA	NCC-1752	DECOMMISSIONED
USS NEW ZEALAND	NCC-1753	ACTIVE / STARFLEET COMMAND
USS SHANGRI-LA	NCC-1754	ACTIVE / STARFLEET COMMAND
USS NEW JERSEY	NCC-1755	DESTROYED
USS FORREST	NCC-1762	ACTIVE / STARFLEET COMMAND
USS OGARKOV	NCC-1763	ACTIVE / STARFLEET COMMAND
USS MONTANA	NCC-1765	ACTIVE / STARFLEET COMMAND
USS LEMURIA	NCC-1766	ACTIVE / STARFLEET COMMAND

BATTLECRUISER CLASS

KIROV CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

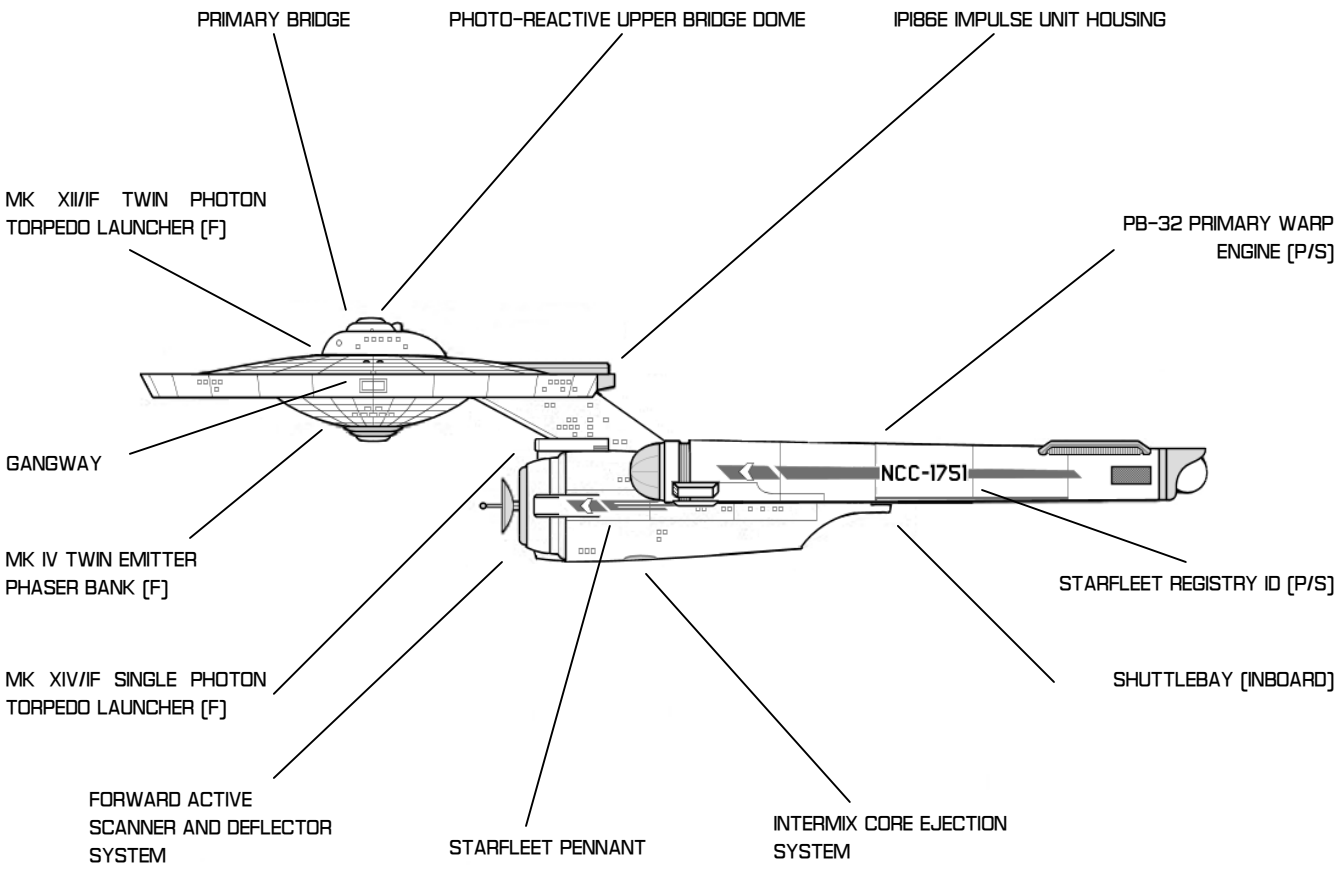
GENERAL PLANS:/RECOGNITION DETAIL
BATTLECRUISER [BC] / KIROV CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	STEVE COLE
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

BATTLECRUISER CLASS

KIROV CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
BATTLECRUISER [BC] / KIROV CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	STEVE COLE
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

BATTLECRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	32
CREW	345

DIMENSIONS	
DEADWEIGHT TONNAGE	192,000 MT
LENGTH	290 M
BREADTH	127 M
HEIGHT	67 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
	MK XIV/IF SINGLE LAUNCHER (F)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (0.75C)
RCS SYSTEM	CCR45C (500 KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	4 STD / 3 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	PATROL COMBATANT, BC
MAXIMUM OPERATING RANGE	3 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER CONTROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILARY MACHINERY
DECK TEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	AUXILARY MACHINERY, REAR OBSERVATION DECK
DECK TWELVE	DORSAL (PYLON)	MK XIV PRIMARY TORPEDO DECK, TORPEDO STORAGE, INERTIAL CONTROL
DECK THIRTEEN		SHUTTLEBAY, SHUTTLE OBSERVATION
DECK FOURTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK FIFTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK SIXTEEN		SHUTTLE MAINTENANCE, GYMNASIUM, LOUNGE
DECK SEVENTEEN		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK EIGHTEEN		RECREATION AREA
DECK NINETEEN		CREW QUARTERS
DECK TWENTY		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-ONE		STORAGE, CARGO HOLDS
DECK TWENTY-TWO		CARGO HOLDS

BATTLESHIP CLASS

DIRECTORATE CLASS STARSHIPS

GENERAL INFORMATION

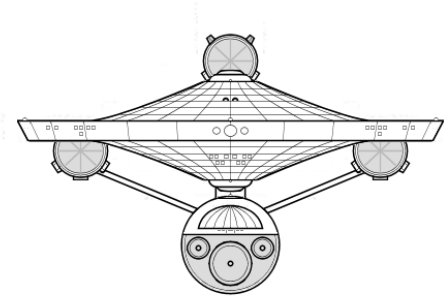
THE TERM 'DREADNOUGHT' NEVER SAT WELL WITH MANY MEMBERS OF THE FEDERATION COUNCIL, AND STAR FLEET FOUND ITSELF CONSTANTLY AT ODDS IN ATTEMPTING TO JUSTIFY AND MAINTAIN A LINE OF CRAFT THAT MANY IN THE COUNCIL FELT WAS 'TOO POWERFUL' AND 'TOO MILITARISTIC'.

WHEN A VARIANT ARRANGEMENT OF THE THIRD PB-32 WAS PROPOSED TO THE *USS DIRECTORATE*, STAR FLEET DECIDED TO ALTER THE FUNCTION OF THE CLASS JUST SLIGHTLY, 'DOWNGRADING' THE DIRECTORATE TO A REGULAR-SERIES BATTLESHIP. ODDLY ENOUGH, DESPITE THE NEAR IDENTICAL ARRANGEMENT AND CAPABILITIES OF THE VESSEL, STAR FLEET WOUND UP HAVING A MUCH EASIER TIME OF THE APPROVAL PROCESS.

THE 'RE-CLASSIFICATION' OF THE HANDFUL OF SHIPS OF THE *DIRECTORATE* VARIANT WOULD, ACCORDING TO THE REGISTRY, CREATE A NEW 'BATTESHIP' CLASS. FUNCTIONALLY, HOWEVER, THE DIRECTORATE IS NEARLY IDENTICAL TO THE EXISTING *FEDERATION* CLASS.

THE DIRECTORATE'S VARIANT ENGINE WAS HOPED TO ALLEVIATE SOME OF THE BALANCE ISSUES FOUND IN THE PB-32 'ODD ENGINE' DESIGNS. UNFORTUNATELY, AS WITH THE *SALADIN* [WHICH ALREADY HAD THE ROTATED ALIGNMENT], THE BALANCE ISSUES CHANGED, BUT WENT UNSOLVED, KEEPING THE *DIRECTORATE* FROM REALIZING HER THEORHETICAL HIGHEST SPEEDS.

DIRECTORATE CLASS - BOW VIEW



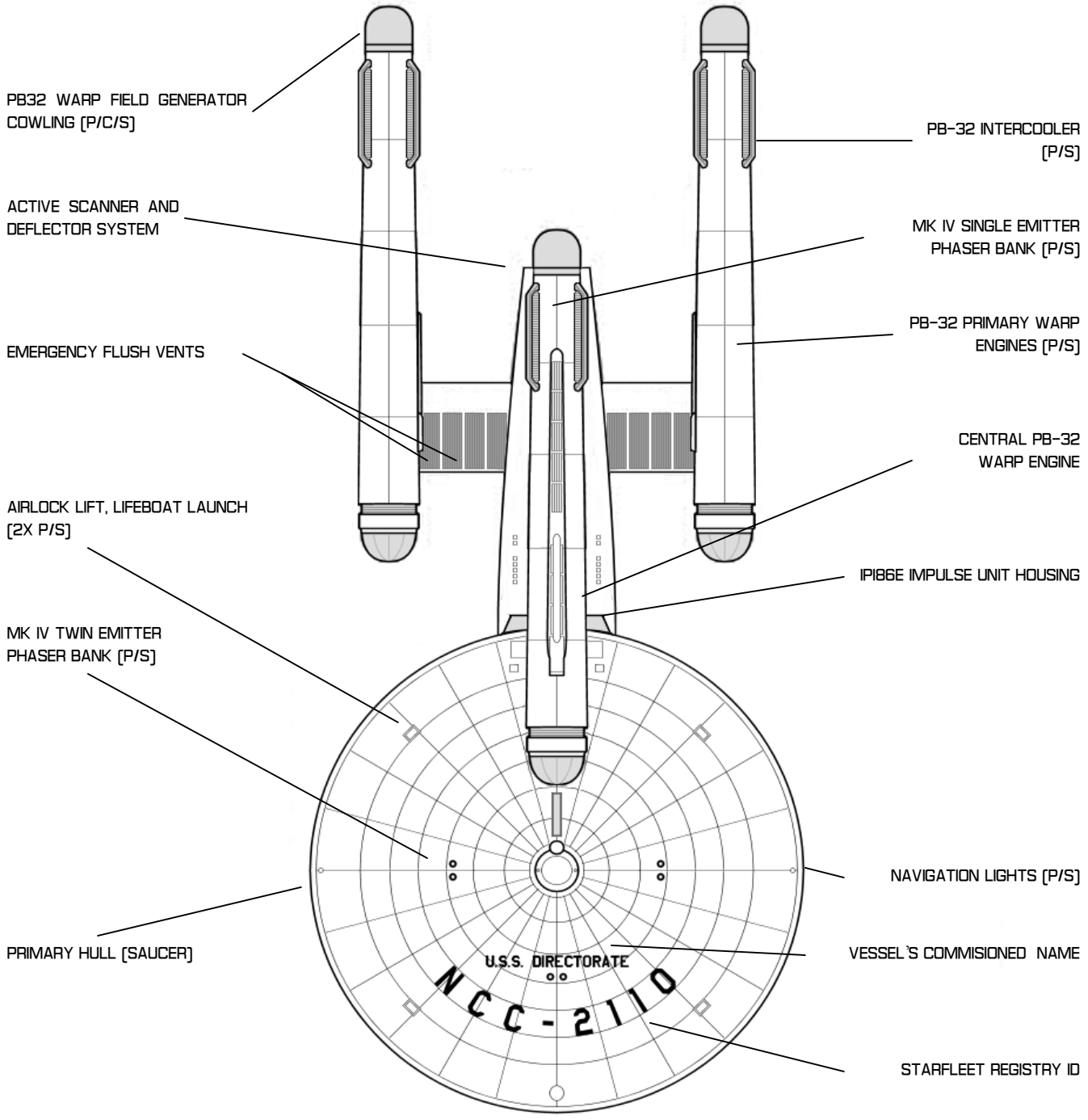
CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MARCH 2269, SD 5920
VESSELS CONSTRUCTED	3

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS DIRECTORATE	NCC-2110	CLASS SHIP; ACTIVE / STARFLEET COMMAND
USS ORGANIZATION	NCC-2111	ACTIVE / STARFLEET COMMAND
USS STAR UNION	NCC-2112	ACTIVE / STARFLEET COMMAND
USS DOMINION	NCC-2115	ACTIVE / STARFLEET COMMAND

BATTLESHIP CLASS

DIRECTORATE CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

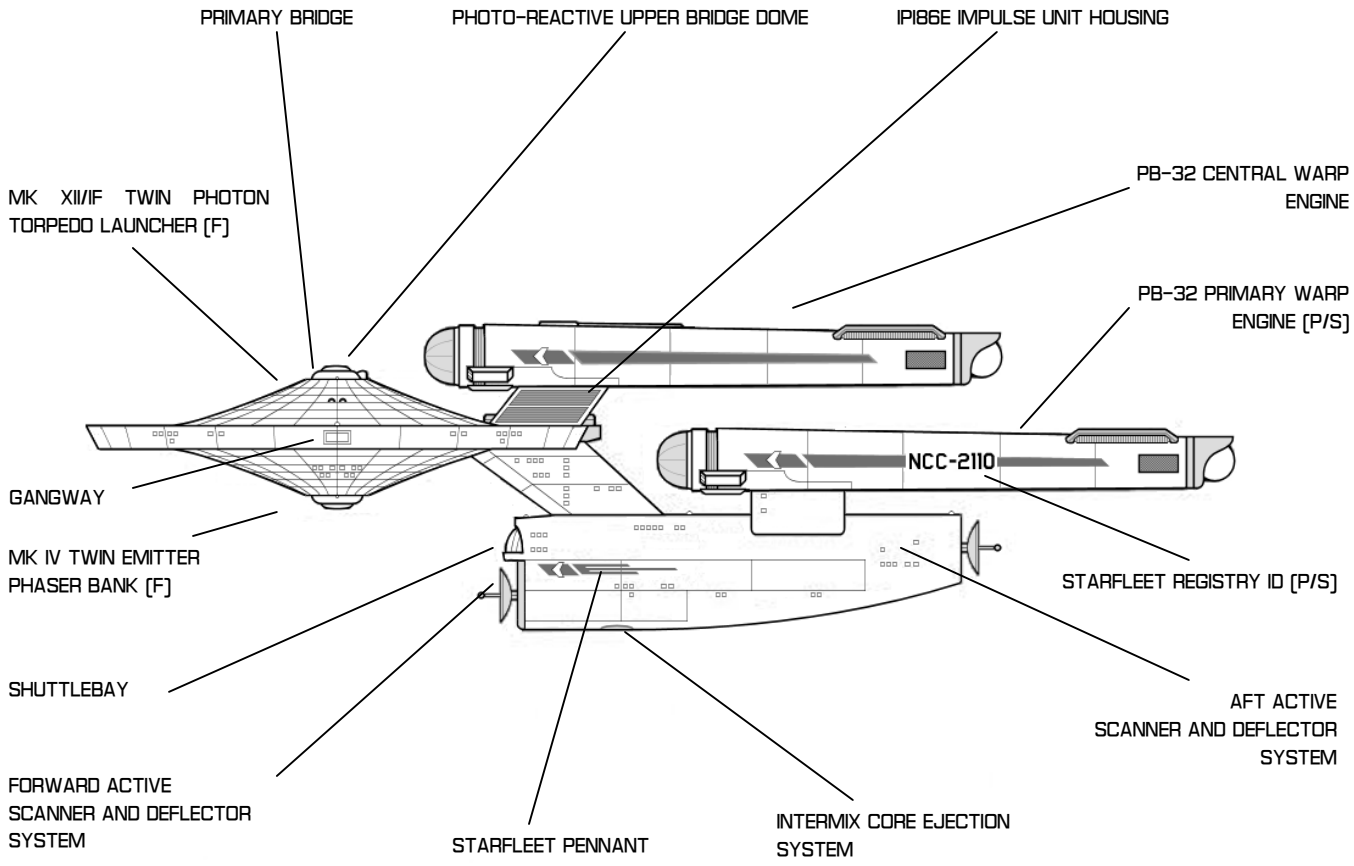
GENERAL PLANS:/RECOGNITION DETAIL
BATTLESHIP [BB] / DIRECTORATE CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

BATTLESHIP CLASS

DIRECTORATE CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
BATTLESHIP (BB) / DIRECTORATE CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

BATTLESHIP CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	43
CREW	387

DIMENSIONS	
DEADWEIGHT TONNAGE	285,000 MT
LENGTH	316M
BREADTH	140M
HEIGHT	87M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F, F/P, F/S)
	MK IV SINGLE EMITTER (A X2, P/S V)
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER (F)
	MK XII/IF SINGLE LAUNCHER (A)
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TRIPLE (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTTLECRAFT	4
TYPE HF SHUTTLECRAFT	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
TRANSPORTERS	5 STD / 4 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	EXPLORATION/PATROL, CA
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		GENERAL FACILITIES, SCIENCE LABS
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (F/P, F/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	MEDICAL SECTION, CREW QUARTERS, AUX ENGINEEERING
DECK TEN	FORWARD (SAUCER)	CARGO MAINTENANCE FACILITIES
DECK ELEVEN	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TWELVE	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK THIRTEEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F)
DECK FORTEEN	FORWARD (SAUCER)	SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN THRU DECK FIFTEEN	DORSAL (PYLON)	STORAGE, REAR OBSERVATION DECK
DECK SIXTEEN		FORWARD SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK SEVENTEEN		FORWARD SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK EIGHTEEN		FORWARD SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK NINETEEN		SHUTTLE MAINTEINANCE, GYMNASIUM, LOUNGE
DECK TWENTY		SENSOR, SCANNER, AND DEFLECTION CONTROL, SHUTTLECRAFT SUPPLIES
DECK TWENTY-ONE		RECREATION AREA
DECK TWENTY-TWO		CREW QUARTERS
DECK TWENTY-THREE		CREW QUARTERS
DECK TWENTY-FOUR		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-FIVE		STORAGE, CARGO HOLDS
DECK TWENTY-SIX		STORAGE, CARGO HOLDS, VENTRAL PHASER CONTROL, PHASER BANK (V)

TRANSPORT CLASS

OSMANIEH CLASS STARSHIPS

GENERAL INFORMATION

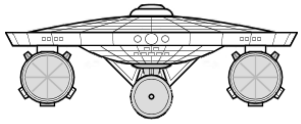
SINCE THE EARLY CLASSIFIED SPACEFLIGHT PROJECTS OF THE 1990 AND WELL INTO THE LATE 2100S, THE DY SERIES OF TRANPORTS HAVE BEEN A MAINSTAY FOR EARTH'S STAR-FARING EFFORTS. A SIDE EFFECT OF THIS HAS BEEN THE HEAVY RELIANCE ON THE DY SERIES OF TRANSPORT PODS ON MUCH OF EARTH'S FLEET, EVEN WELL AFTER THE DY SERIES OF SHIPS HAVE LONG SINCE BEEN RETIRED.

THOUGH THE *PTOLEMY* AND HER PODS WAS SUPPOSED TO BE THE NEW 'LONG DISTANCE TRANSPORT DESIGN' OF CHOICE, STARFLEET, EARTH FOUND ITSELF FAR TOO RELIANT ON THE DY PODS TO COMPLETELY DITCH THEM. A TRANSITION CARRIER SHIP WAS NEEDED, AND THE *OSMANIEH* WOULD BE CALLE IN TO SERVE.

THE *OSMANEIH* WAS NEVER DESIGNED AS A MAINLINE VESSEL, MAKING USE OF THE 'BUDGET' SIZE PRIMARY HULL AND SNUBBED PB-32 ENGINES AS FOUND ON THE *BURKE* CLASS. DESPITE THE 'COST CUTTING' IN THE DESIGN, MANY RESPONSI-BLE FOR TRADE AND TRANSIT CONSIDER THE CLASS A GOD-SEND, ALLOWING THE STILL MANUFACTURED DY PODS TO BE USED ON A DECIDEDLY MORE MODERN VESSEL.

IT'S VERY POSSIBLE THAT THE INTENTION OF THE *OSMANIEH* MAY HAVE HAD THE OPPOSITE OF THE INTENDED EFFECT. RATHER THAN PROVIDING A STOP-GAP MEASURE FOR TRANSI-TIONING AWAY FROM THE DY PODS, IT SEEMS THAT THE *OS-MANIEH* SIMPLY PROLONGED THEIR USE FOR ANOTHER GENERA-TION.

OSMANIEH CLASS - BOW VIEW



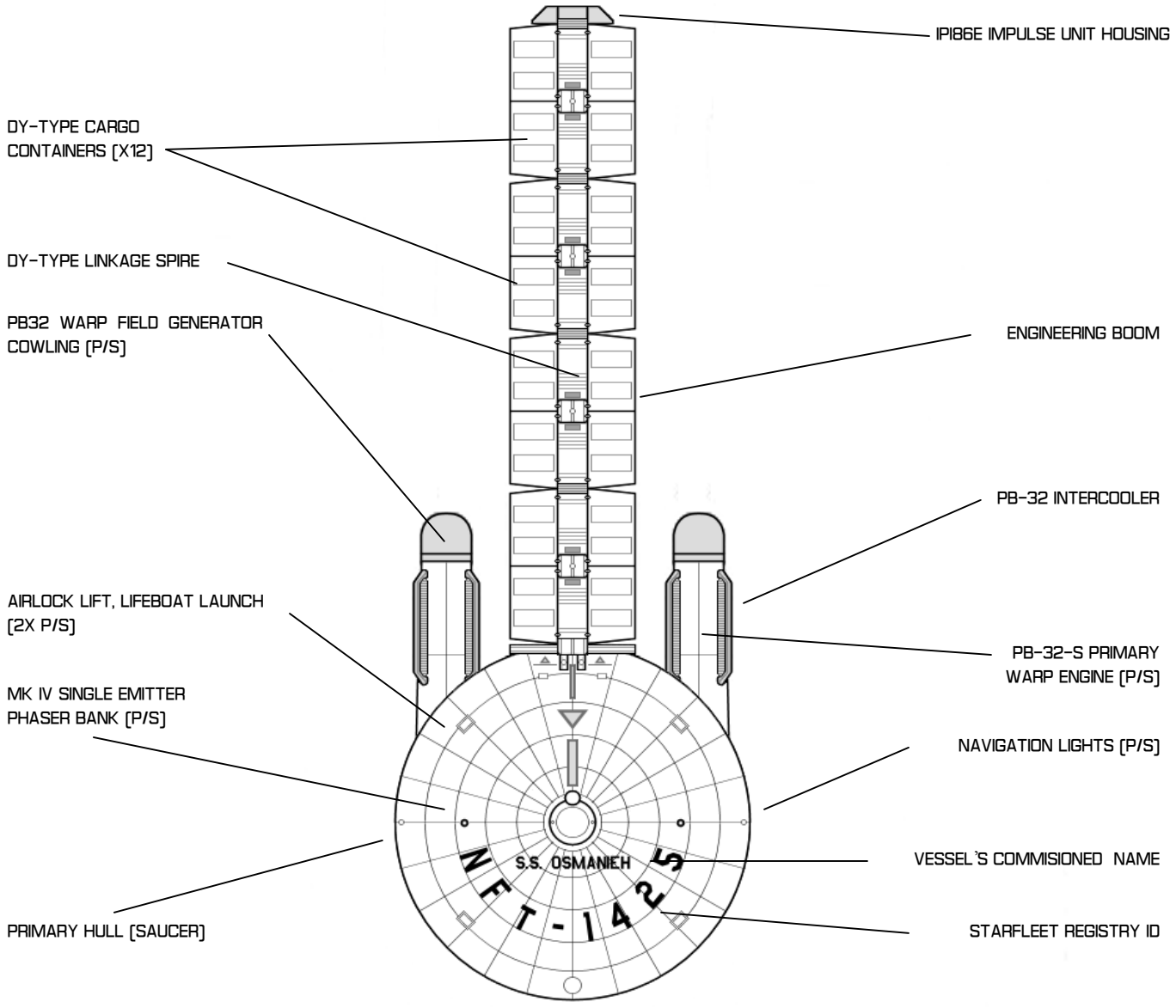
CONSTRUCTION DETAILS

CHIEF OF DESIGN	NEALE DAVIDSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	22

VESSEL NAME [MOST RECENT]	REGISTRY	STATUS AS OF SD 7411.3 [JANUARY 2272]
SS OSMANEIH	NFT-1425	ACTIVE / STARFLEET COMMAND
SS MAHMUDIEH	NFT-1426	ACTIVE / STARFLEET COMMAND
SS ORKANIEH	NFT-1427	ACTIVE / STARFLEET COMMAND
SS ABDUL AZIZ	NFT-1428	ACTIVE / STARFLEET COMMAND
SS ASSARI TEVFIK	NFT-1429	ACTIVE / STARFLEET COMMAND
SS ASSARI SHEVKET	NFT-1430	DECOMISSIONED
SS NIJIMI SEVKET	NFT-1431	ACTIVE / STARFLEET COMMAND
SS AVNI ILLAH	NFT-1432	ACTIVE / STARFLEET COMMAND
SS MUIN-I-ZAFFER	NFT-1433	DECOMISSIONED
SS IDJALIEH	NFT-1434	ACTIVE / STARFLEET COMMAND
SS FETHI BULEND	NFT-1435	ACTIVE / STARFLEET COMMAND
SS MUKADDAMI KHAIR	NFT-1436	ACTIVE / STARFLEET COMMAND
SS MESSUDIEH	NFT-1437	ACTIVE / STARFLEET COMMAND
SS YAVUZ SULTAN SELIM	NFT-1438	ACTIVE / STARFLEET COMMAND
SS RESADIYE	NFT-1439	ACTIVE / STARFLEET COMMAND
SS FETH UL ISLAM	NFT-1440	ACTIVE / STARFLEET COMMAND
SS TURGUT REIS	NFT-1441	ACTIVE / STARFLEET COMMAND
SS MEHMET SELIM	NFT-1442	ACTIVE / STARFLEET COMMAND
SS HEIBETNUMA	NFT-1443	DECOMISSIONED
SS LUFT HUMAYUN	NFT-1444	DECOMISSIONED
SS ABDUL HAMID	NFT-1445	ACTIVE / STARFLEET COMMAND
SS ABDUL MECID	NFT-1448	ACTIVE / STARFLEET COMMAND

TRANSPORT CLASS

OSMANIEH CLASS STARSHIPS—DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

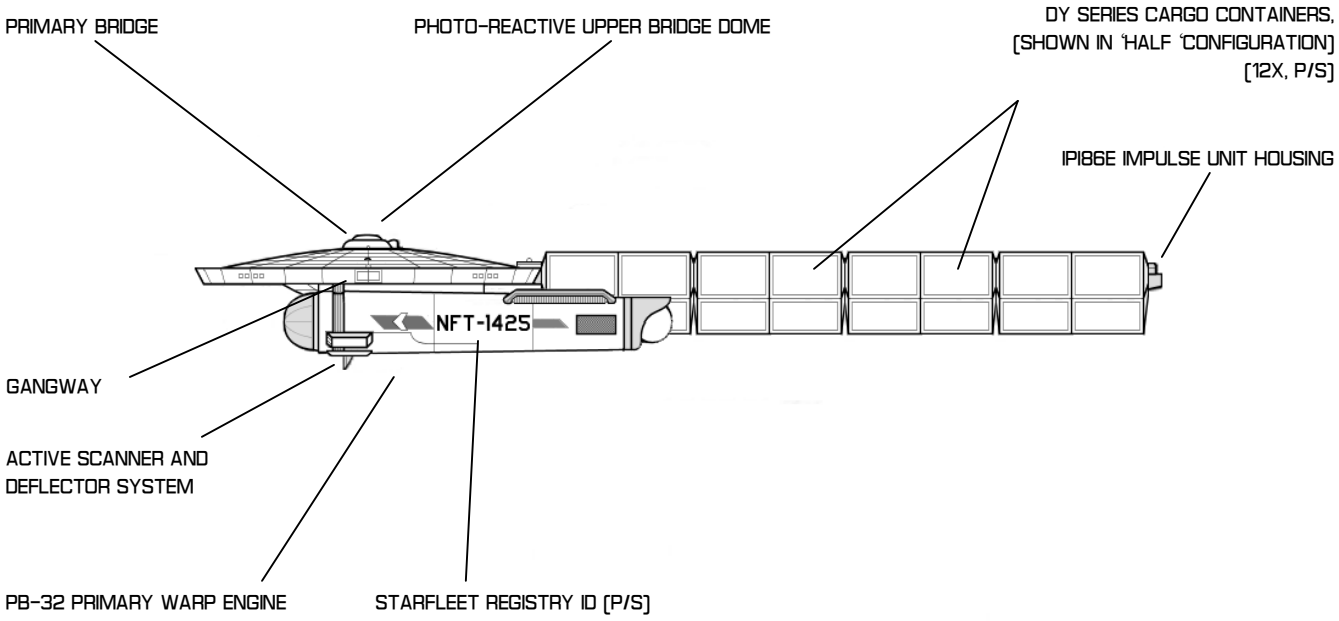
GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT [TDY] / OSMANIEH CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	NEALE DAVIDSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

TRANSPORT CLASS

OSMANIEH CLASS STARSHIPS—DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT [TDY] / OSMANIEH CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	NEALE DAVIDSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

TRANSPORT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	12
CREW	60

DIMENSIONS	
DEADWEIGHT TONNAGE	130,000 MT
LENGTH	265 M
BREADTH	95 M
HEIGHT	37 M

ARMAMENTS	
PHASERS	MK IV SINGLE EMITTER (P, S, A)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32S MK III—TANDEM (WF 5/7)
IMPULSE/SL DRIVE	IP186E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	TRANSPORT, TDY (DY)
MAXIMUM OPERATING RANGE	9 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL,
DECK SIX		ENGINEERING, IMPULSE REACTOR CONTROL, DY CARGO SPIRE, GANGWAY
DECK EIGHT		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK NINE		COMPUTER ARRAY, FABRICATION FACILITIES, STORAGE
DECK TEN		PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL

TRANSPORT/TUG CLASS

PTOLEMY CLASS STARSHIPS

GENERAL INFORMATION

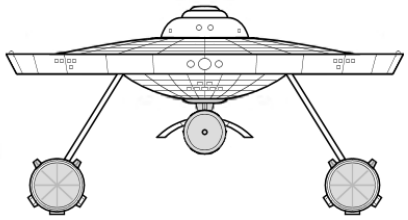
THE *PTOLEMY* CLASS WAS ONE OF THE FIRST FEW 'SISTER DESIGNS' TO BE CONCEIVED TO BE CONSTRUCTED FROM *CONSTITUTION*-STYLE PARTS. INDEED, A NEW CLASS OF 'ALL PURPOSE TRANSPORT' WAS SORELY NEEDED, AS OLD-TECHNOLOGY TRANSPORTS WERE EITHER BECOMING HOPELESSLY OBSOLETE, OR PROVED OTHERWISE INSUFFICIENT FOR DELIBERING GOODS, CARGO, AND PERSONNEL INTO THE FEDERATION FRONTIER.

THE *PTOLEMY*, PERHAPS, MAY BE OVERKILL FOR ITS INTENDED ASSIGNMENT. WITH THE HEAVY PRIMARY HULL, THE CLASS BOATS STRONG DEFENSE CAPABILITIES AND PLENTY OF INTERIOR HULL FOR SUPPLIES AND CREW FOR LONG-DISTANCE MISSIONS .

IN ADDITION TO THE SACUER'S CAPABILITIES, THE *PTOLEMY* IS THE LEAD SHIP IN THE 'TRANSPORT POD' PROJECT. BORROWING REFINING, AND EXPANDING ON THE IDEA OF 'CARGO PODS' FIRST INITIIATED ON THE DY SERIES,

TRANSPORT PODS ARE LARGE, MODULAR SYSTEMS WHICH CAN BE ADAPTED TO DIFFERENT ROLES. MOST PODS CURRENTLY IN USE ARE FOR ONE FORM OR CARGO OR ANOTHER, BUT THERE ARE ALSO PODS FOR STARLINERS, DEFENSE, FIGHTER-DEPLOYMENT, AND SO ON. THE ABILITIES OF A *PTOLEMY* MAY VARY WIDELY DEPENDING ON THE PODS SHE'S HAULING.

POMPEY CLASS - BOW VIEW



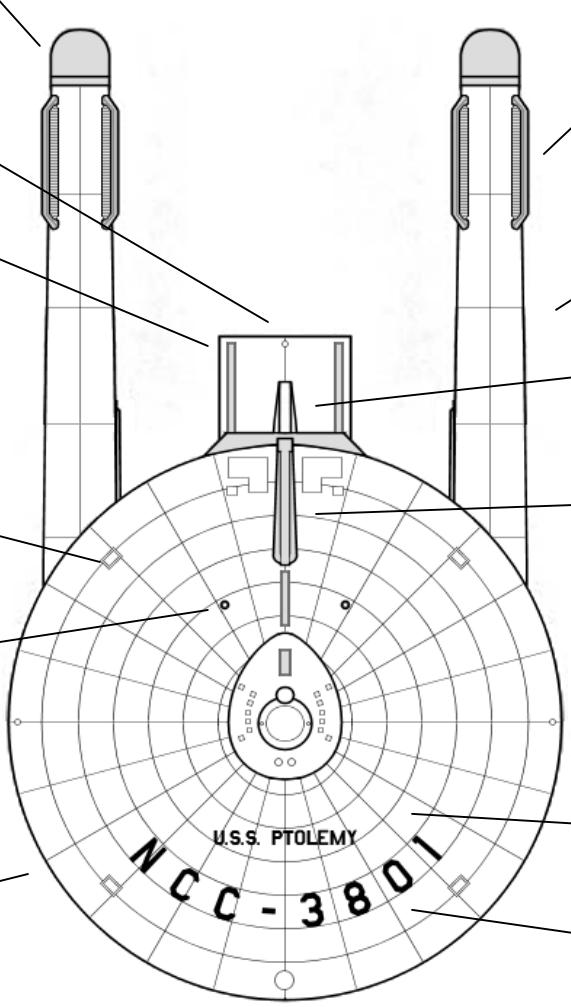
CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	15

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS PTOLEMY	NCC-3801	CLASS SHIP, DECOMISSIONED
USS AL RASHID	NCC-3802	INACTIVE/ UNDERGOING RECONSTRUCTION TO AL RASHID SPEC.
USS ANAXAGORIS	NCC-3803	INACTIVE/ UNDERGOING RECONSTRUCTION TO AL RASHID SPEC.
USS ANAXIMANDER	NCC-3804	INACTIVE/ UNDERGOING RECONSTRUCTION TO AL RASHID SPEC.
USS ARISTARCHUS	NCC-3805	ACTIVE / UESPA DEFENSE COMMAND
USS IBN DAUD	NCC-3806	ACTIVE / UESPA DEFENSE COMMAND
USS ERATOSTHENES	NCC-3807	ACTIVE / UESPA DEFENSE COMMAND
USS GALILEI	NCC-3808	DECOMISSIONED
USS HIPPARCHOS	NCC-3809	ACTIVE / STARFLEET COMMAND
USS ULUGH BEG	NCC-3810	ACTIVE / STARFLEET COMMAND
USS PHILOLAUS	NCC-3811	ACTIVE / STARFLEET COMMAND
USS PYTHAGORAS	NCC-3812	ACTIVE / STARFLEET COMMAND
USS THALES	NCC-3813	ACTIVE / STARFLEET COMMAND
USS HEVELIUS	NCC-3814	ACTIVE / STARFLEET COMMAND
USS COPERNICUS	NCC-3815	ACTIVE / STARFLEET COMMAND

TUG/TRANSPORT CLASS

PTOLEMY CLASS STARSHIPS – DORSAL VIEW



PB32 WARP FIELD GENERATOR COWLING [P/S]

POD NAVIGATION LIGHT

POD CONNECTION MOORING

AIRLOCK LIFT, LIFEBOAT LAUNCH [2X P/S]

MK IV SINGLE EMITTER PHASER BANK [P/S]

PRIMARY HULL [SAUCER]

PB-32 INTERCOOLER [P/S]

PB-32 PRIMARY WARP ENGINES [P/S]

HULL CONNECTION DORSAL PYLON

IPI86E IMPULSE UNIT HOUSING

NAVIGATION LIGHTS [P/S]

VESSEL'S COMMISIONED NAME

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

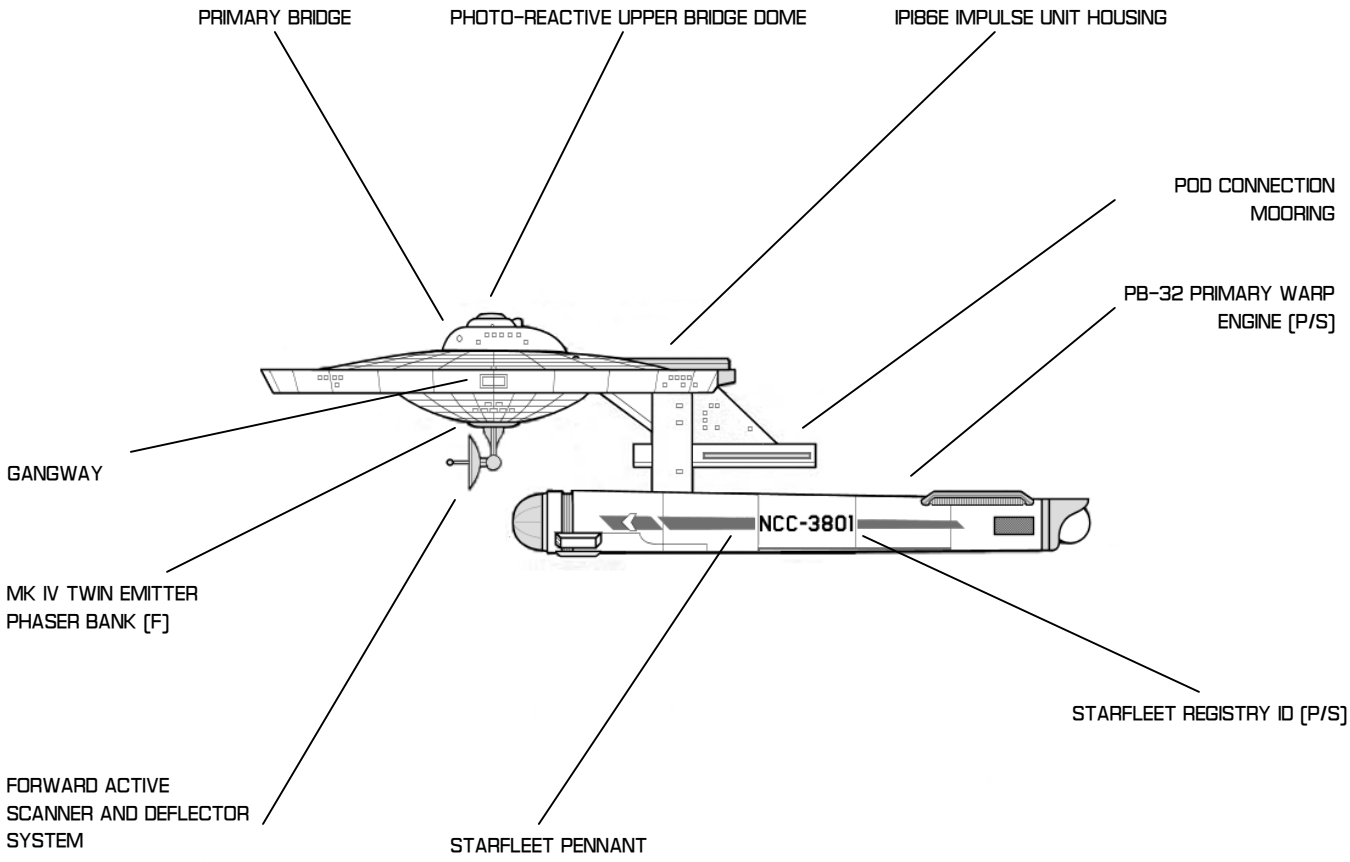
GENERAL PLANS:/RECOGNITION DETAIL
TUG/TRANS. [TT] / PTOLEMY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

TUG/TRANSPORT CLASS

PTOLEMY CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TUG/TRANS. [TT] / PTOLEMY CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

TUG/TRANSPORT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	22
CREW	198

DIMENSIONS	
DEADWEIGHT TONNAGE	126,500 MT
LENGTH	222M
BREADTH	127 M
HEIGHT	66 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
	MK IV SINGLE EMITTER (R/P, R/S)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM (WF 6/8)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SUPPLY TRANSPORT (TT)
MAXIMUM OPERATING RANGE	5 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS (R/P, R/S)
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD (SAUCER)	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE	FORWARD (SAUCER)	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD (SAUCER)	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD (SAUCER)	PHASER COTNROL, PHASER BANK (F), SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL (PYLON)	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL (PYLON)	AUXILLARY MACHINERY,
DECK TEN	DORSAL (PYLON)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL (PYLON)	POD CONNECTION MOORING CONTROLS, AUXILLARY SYSTEMS

HEAVY TRANSPORT/TUG CLASS

DOLLAND CLASS STARSHIPS

GENERAL INFORMATION

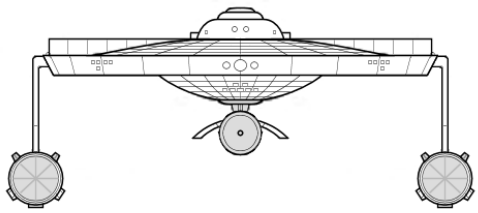
THE *DOLLAND* WAS BORN OF THE SUCCESS OF THE *COVENTRY* CLASS, AND IS, EFFECTIVELY, A MODIFIED VERSION OF THAT SHIP. THE *DOLLAND* IS RIGGED AS A 'LONG RANGE' TRANSPORT, WITH GREATER CAPABILITIES EVEN THAN THAT OF THE *PTOLEMY* CLASS.

THE BENEFITS OF THE CLASS ARE THE HEAVIER FIREPOWER, COMBAT CAPABILITIES AND INCREASED SUPPORT SYSTEMS FOUND IN THE 'TEARDROP' HULL. INDEED, *DOLLAND* CLASS TRANSPORTS HAVE EVEN TRIUMPHED IN BATTLE OVER KLINGON AND ORION FRIGATES MATCHING HER WEIGHT, NEARLY UNHEARED OF FOR A MERE TRANSPORT!

THE *DOLLAND,* HOWEVER, IS AN EXTREMELY EXPENSIVE TRANSPORT CRAFT TO PRODUCE, AND ITS CARGO CAPACITY ISN'T ANY GREATER THAN THAT OF THE *PTOLEMY*. AS A RESULT, MOST OF THE PLANNED RUN OF FORTY SHIPS WERE CUT BACK, WITH INTENDED DUTIES ASSIGNED TO MORE-AFFORDABLE VESSELS.

WITH THE EXPENSE IN MAINTAINING THESE VESSELS, *DOLLAND* CLASS TRANSPORTS PRIMARY SERVE IN FRONTIER AREAS DEEMED 'VULERNABLE' AND TOO UNSAFE FOR 'LESSER' TRANSPORTS TO GO WITHOUT ESCORT. AS SUCH, THE SHIPS ARE PLACED IN HARM'S WAY MORE OFTEN THAN NOT. DESPITE THIS, THE LOSS RECORD FOR *DOLLAND* CLASS TRANSPORTS HAVE BEEN REMARKABLY STRONG.

DOLLAND CLASS – BOW VIEW



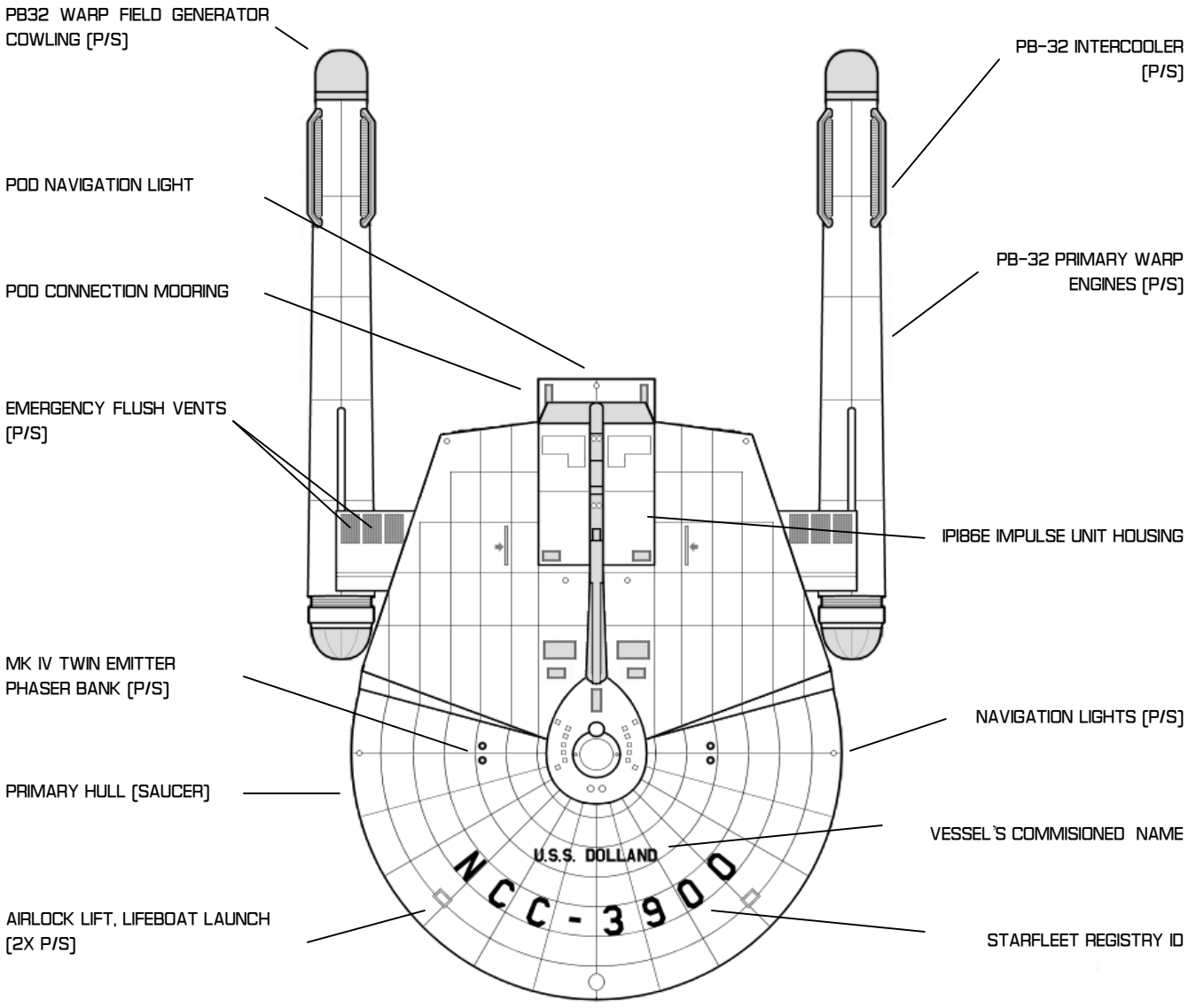
CONSTRUCTION DETAILS

CHIEF OF DESIGN	PATRICK LICHTY
PRIMARY SHIPYARD	RAKALA FLEET YARDS
PROJECT INITIATION	MARCH 2259, SD 1740
VESSELS CONSTRUCTED	20

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS DOLLAND	NCC-3900	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS GOLDREICH	NCC-3901	ACTIVE / STARFLEET COMMAND.
USS HERTZSPRUING	NCC-3902	ACTIVE / STARFLEET COMMAND
USS IRWIN	NCC-3903	ACTIVE / STARFLEET COMMAND
USS KOHLSHUTTER	NCC-3904	DECOMISSIONED
USS MOULTON	NCC-3905	ACTIVE / STARFLEET COMMAND
USS POGSON	NCC-3906	ACTIVE / STARFLEET COMMAND
USS RUSSEL	NCC-3907	ACTIVE / STARFLEET COMMAND
USS SLIPHER	NCC-3908	ACTIVE / STARFLEET COMMAND
USS VAN DE HULST	NCC-3909	DESTROYED
USS YOUNG	NCC-3910	ACTIVE / STARFLEET COMMAND
USS BESSEL	NCC-3911	ACTIVE / STARFLEET COMMAND
USS CHALLIS	NCC-3912	ACTIVE / STARFLEET COMMAND
USS FLAMSTEED	NCC-3913	ACTIVE / STARFLEET COMMAND
USS HENDERSON	NCC-3914	ACTIVE / STARFLEET COMMAND

HEAVY TUG/TRANSPORT CLASS

DOLLAND CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

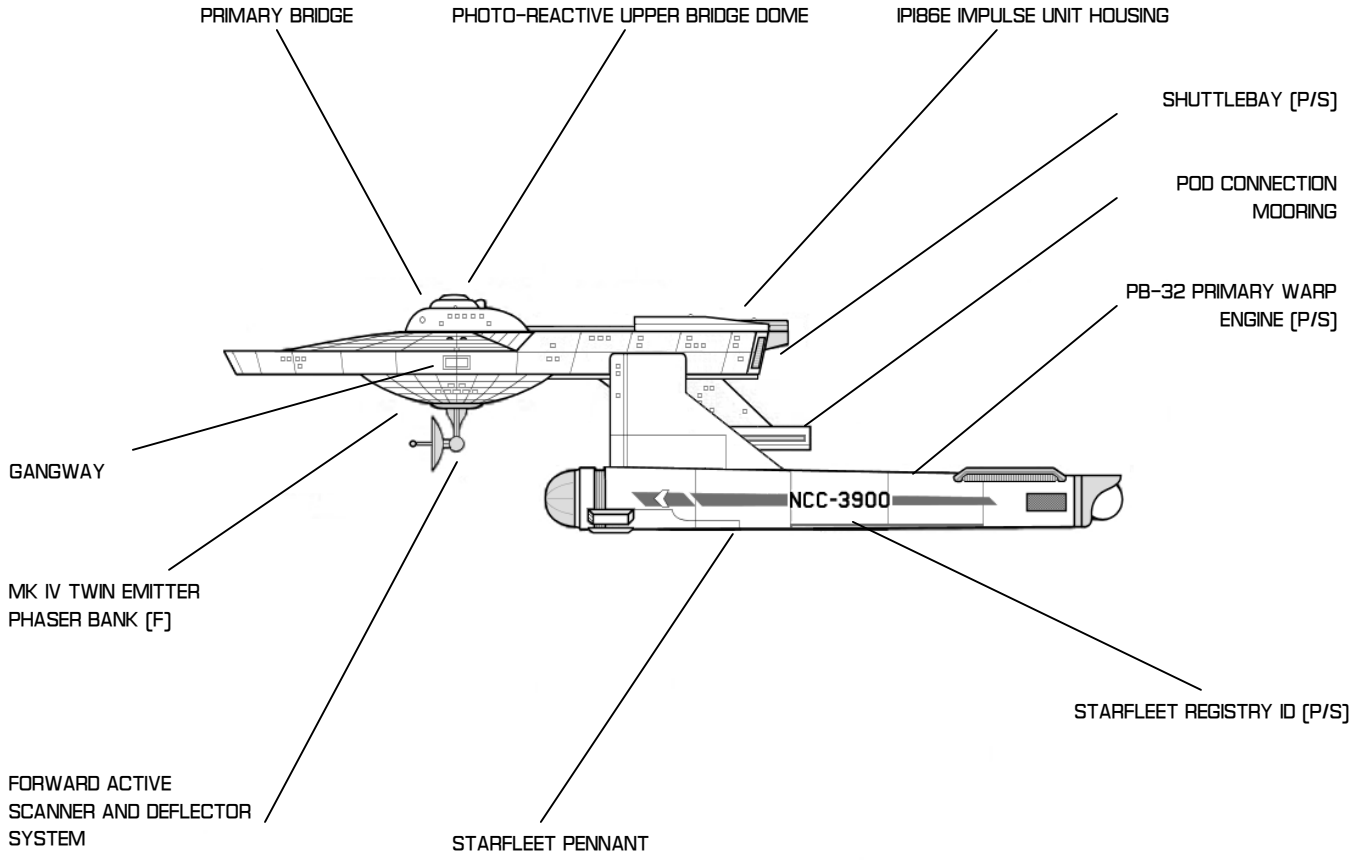
GENERAL PLANS:/RECOGNITION DETAIL
HVY TUG/TRANS. [TT+] / DOLLAND CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	PATRICK LICHTY
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY TUG/TRANSPORT CLASS

DOLLAND CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
HVY TUG/TRANS. [TT+] / DOLLAND CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	PATRICK LICHTY
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

HEAVY TUG/TRANSPORT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS [COMMAND]	32
CREW	195

DIMENSIONS	
DEADWEIGHT TONNAGE	152,000 MT
LENGTH	244M
BREADTH	149 M
HEIGHT	65 M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER [F]
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32 MK III—TANDEM [WF 6/8]
IMPULSE/SL DRIVE	IPI86E [.75C]
RCS SYSTEM	CCR45C [500KPM]

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2
TYPE F SHUTLECRAFT	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	SUPPLY TRANSPORT [TT+]
MAXIMUM OPERATING RANGE	7 YEARS AT LYV

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		SCIENCE LABS
DECK THREE		PHOTON CONTROL,
DECK FOUR		OFFICER'S QUARTERS
DECK FIVE		OFFICER'S QUARTERS, PHASER CONTROL, PHASER BANKS [F/P, F/S]
DECK SIX		CREW QUARTERS, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT	FORWARD [SAUCER]	TRAVEL PODS, PERSONNEL GANGWAY ACCESS, SHUTTLEBAYS
DECK NINE	FORWARD [SAUCER]	FABRICATION FACILITIES, STORAGE
DECK TEN	FORWARD [SAUCER]	RECREATION DECKS, STORAGE
DECK ELEVEN	FORWARD [SAUCER]	PHASER COTNROL, PHASER BANK [F], SENSOR AND SCANNER CONTROL
DECK EIGHT	DORSAL [PYLON]	EMEGENCY SEAL AND SEPERATION, STORAGE
DECK NINE	DORSAL [PYLON]	AUXILLARY MACHINERY,
DECK TEN	DORSAL [PYLON]	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK ELEVEN	DORSAL [PYLON]	POD CONNECTION MOORING CONTROLS, AUXILLARY SYSTEMS

CIVILIAN TRANSPORT

DY-250 "ZEUS" CLASS VESSELS

GENERAL INFORMATION

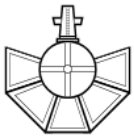
THE DY-250 CLASS OF TRANSPORTS WAS DESIGNED AS A 'SOLID-PERFORMANCE' VERSION IN THE DY SERIES OF TRANSPORTS. IT HAD A MUCH MORE RIGID STRUCTURE THAN ITS PREDECESSOR, AND AN UPPER LIMIT OF FIVE OF THE DY SERIES CARGO CONTAINERS.

THE DESIGN MOSTLY SAW USE AS 'COLONY SEEDERS', WITH SUPPLIES AND CRYOGENICALLY-SUSPENDED COLONISTS KEPT WITHIN THE DY-TYPE CONTAINERS. WHEN THE SHIP ARRIVED AT ITS DESTINATION (WITH MOST TRIPS TAKING DECADES), THE CREW WAS AWOKEN AND THE SIHIP ITSELF USED TO FORM THE COLONY.

THE MAIN ADVANTAGE OF THE DY-250 SERIES OVER ITS PREDECESSOR WAS AN INCREASE IN THE POWER OF ITS ION DRIVE, AS WELL AS A MORE HARDENED LIFE-SUPPORT SYSTEM, MAKING LONGER TRIPS MORE POSSIBLE. DESPITE THESE ADVANCES, HOWEVER, THE DY-250 SERIES DID NOT CATCH ON, PARTICULARLY ONCE RELATIVISTIC TRAVEL BECAME POSSIBLE.

TODAY, A FEW OF THESE AGING FRAMES HAVE BEEN CONVERTED TO AUTOMATION, HAULING ORE OR OTHER MATERIALS WITHIN COLONY SYSTEMS. STAR FLEET CONSIDERS THESE SHIPS HOPELESSLY OBSOLETE, HOWEVER.

DY-250 CLASS - BOW VIEW



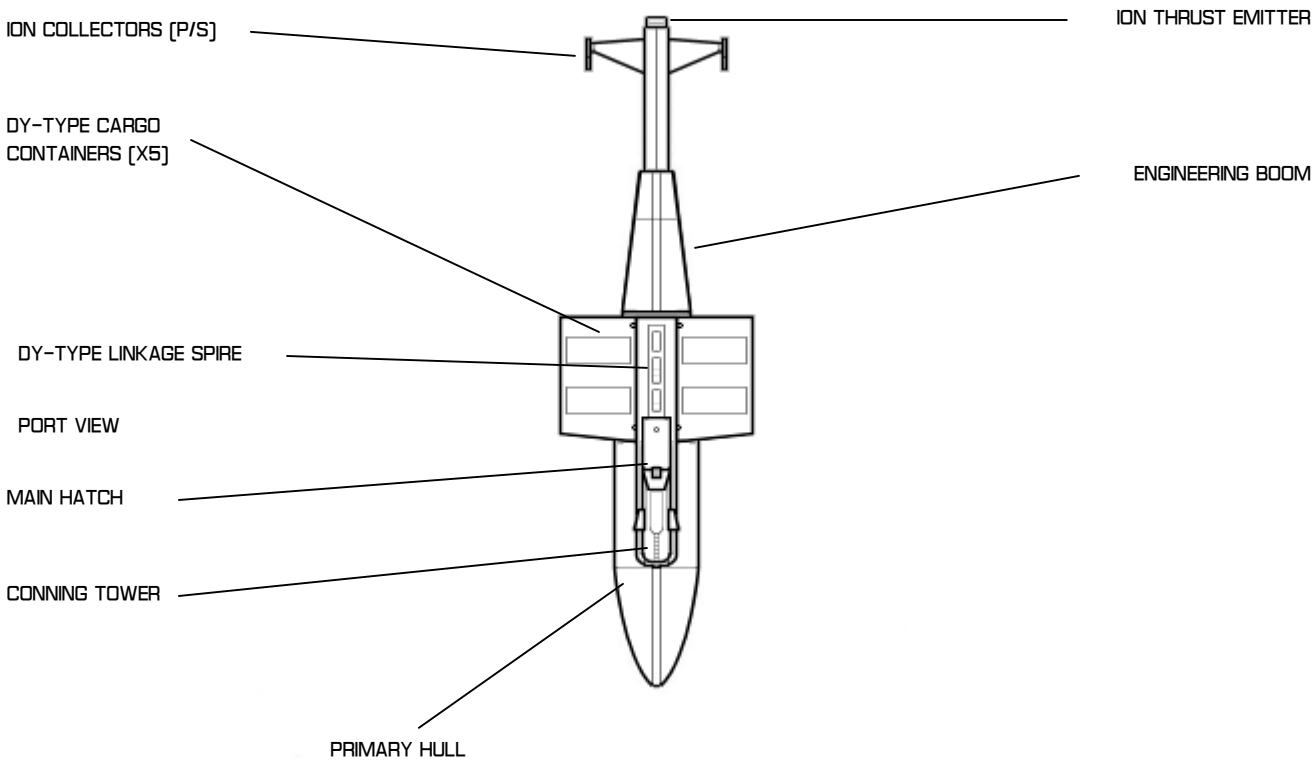
CONSTRUCTION DETAILS

CHIEF OF DESIGN	MITCH O'CONNELL
PRIMARY SHIPYARD	EARTH, VARIOUS
PROJECT INITIATION	AUGUST 2024
VESSELS CONSTRUCTED	22

VESSEL NAME (MOST RECENT)	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
SS ZEUS	DY-250	DECOMISSIONED
SS ZENITH	DY-251	DESTROYED
SS MERCUIS	DY-252	CONVERTED TO AUTOMATION
SS PASTER	DY-253	CONVERTED TO AUTOMATION
SS AMBROSIA	DY-254	DECOMISSIONED
SS HARRISON	DY-255	DECOMISSIONED
SS BLACK YONDER	DY-256	DECOMISSIONED, CONVERTED AS COLONY BASE
SS CONQUEST	DY-257	DECOMISSIONED, CONVERTED AS COLONY BASE
SS CILANTRO	DY-258	CONVERTED TO AUTOMATION
SS MILAN	DY-259	DESTROYED
SS RACHEL SIERRA	DY-260	DECOMISSIONED
SS MINA RENEE	DY-261	DECOMISSIONED
SS PACIFICA	DY-262	DECOMISSIONED, CONVERTED AS COLONY BASE
SS VENUSIA	DY-263	DESTROYED
SS JOVIA	DY-264	DESTROYED
SS BLARNEY STONE	DY-265	DECOMISSIONED
SS SPREADING THE WORD	DY-266	DECOMISSIONED, CONVERTED AS COLONY BASE
SS JENNIFER MARIE	DY-267	DECOMISSIONED, CONVERTED AS COLONY BASE
SS BONNE CHANCE	DY-268	DECOMISSIONED, CONVERTED AS COLONY BASE
SS LOLTH	DY-269	CONVERTED TO AUTOMATION
SS MIDNIGHT	DY-270	CONVERTED TO AUTOMATION
SS LONGINGER	DY-271	DESTROYED

CIVILIAN TRANSPORT

DY-250 CLASS VESSELS - DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

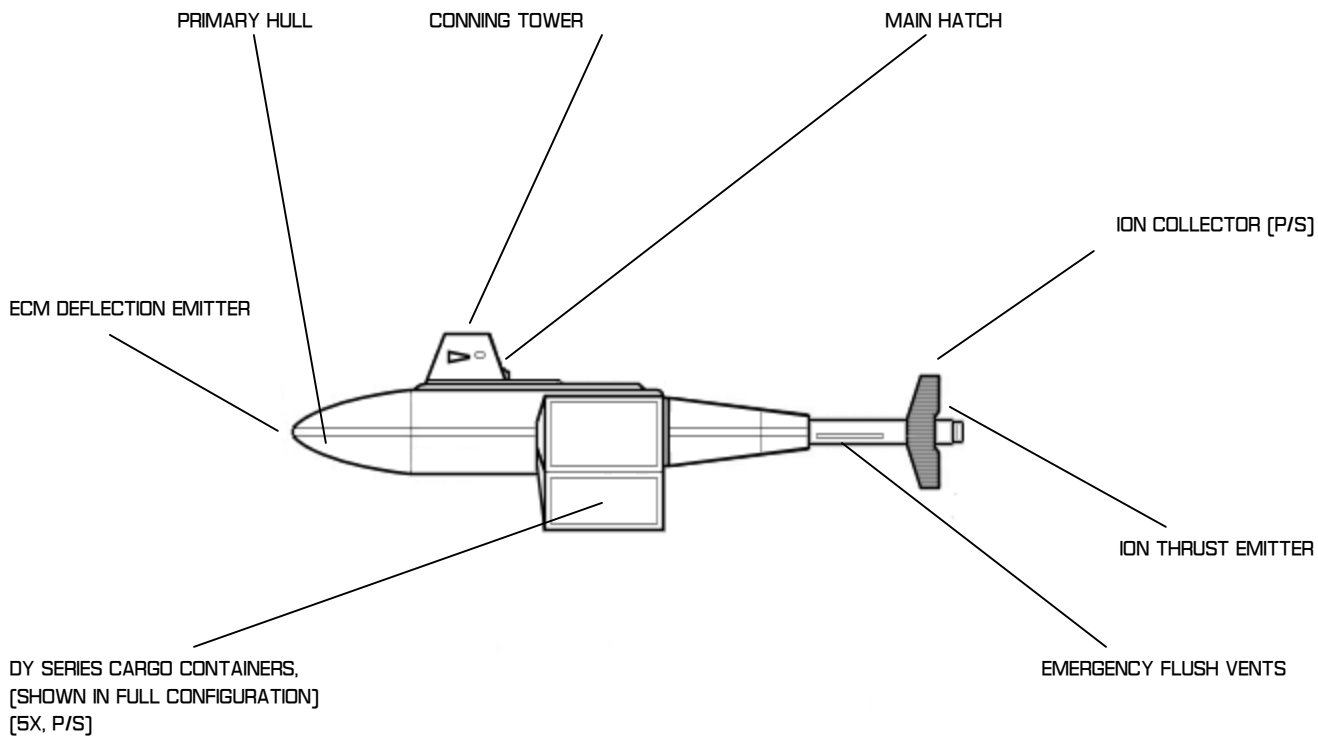
GENERAL PLANS:/RECOGNITION DETAIL
CIVILIAN DY-250 TRANSPORT

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MITCH O'DONNELL
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CIVILIAN TRANSPORT

DY-250 CLASS VESSELS - PORT-VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
CIVILIAN DY-250 TRANSPORT

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MITCH O'CONNELL
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

CIVILIAN TRANSPORT

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS [COMMAND]	2
CREW [STD]	12

DIMENSIONS	
DEADWEIGHT TONNAGE	22,000 MT
LENGTH	111M
BREADTH	32M
HEIGHT	33M

ARMAMENTS	
PASSIVE DEFLECTOR	MK II ECM

PROPULSION SYSTEMS	
WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	RCS-15I [.15C]

SUPPLEMENTAL CRAFT
NONE

SECONDARY SYSTEMS	
MAIN COMPUTER	TR-VIII ASTROTRONICS
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	SL BASIC RADAR
TRANSPORTERS	NONE
LIFE SUPPORT	TYPE II SUITE

MISSION PROFILE	
MISSION TYPE	TRANSPORT
MAXIMUM OPERATING RANGE	25 YEARS AT LYV

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		COMMAND AREA [BRIDGE]
DECK TWO		OFFICER QUARTERS
DECK THREE		MAIN HATCH, COMPUTER CENTER
DECK FOUR		SHIP STORES, CREW QUARTERS
DECK FIVE		DY CONTAINER SPIRE AND ACCESS, ENGINEERING BOOM
DECK SIX		AUXILLARY MAXHINES, ENGINEERING BOOM, ION ENGINE

COLONY TRANSPORT CLASS

EDWARD CLASS STARSHIPS

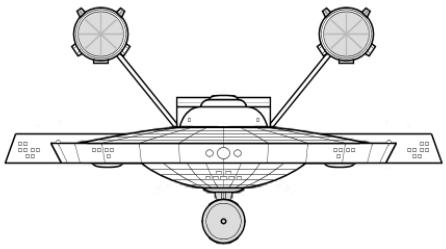
GENERAL INFORMATION

A MASSIVE SERIES OF SHIPS DESIGNED TO TRANSPORT ENTIRE COLONIES OF 5,000 PEOPLE TO THEIR DESTINATION WORLDS. PRODUCED IN RAPID SUCESSION IN THE 2260'S, THE *EDWARD* CLASS WAS MEANT TO EXPAND THE FEDERATION'S INFLUENCE IMMEDIATELY ONTO NEWLY-CLAIMED WORLDS, AS WELL AS GIVE THE MORE CROWDED POPULATIONS OF THE HOME WORLDS SOME MUCH-NEEDED BREATHING ROOM.

THE *EDWARD* MAKES USE OF MUCH OF THE INNOVATIONS OF THE *CONSTITUTION* CLASS, INCLUDING THE POWERFUL PB-32 ENGINES AND BASIC STRUCTURE DESIGN. AS A RESULT, THE SHIP IS STURDY AND WELL SUITED FOR ITS LONG-DISTANCE MISSIONS. IT IS NOT, HOWEVER, A COMBATANT, AND IS COMPLETELY UNARMED. AS A RESULT, EDWARD CLASS SHIPS ARE OFTEN ESCORTED IF THERE'S THE SLIGHTEST POSSIBILITY OF DANGER.

AS THE 2270'S BEGIN, THE FEDERATION'S EFFORTS ON BUILDING OUT ITS INFRASTRUCTURE TO NEW WORLDS CONTINUE. WHILE NO MORE SHIPS OF THE *EDWARD* CLASS HAVE BEEN ORDERED, IT'S BELIEVED THAT THOSE WHICH REMAIN WILL CONTINUE IN SERVICE, DUE TO HIGH DEMAND, FOR QUITE SOME TIME IN THE FUTURE.

EDWARD CLASS - BOW VIEW



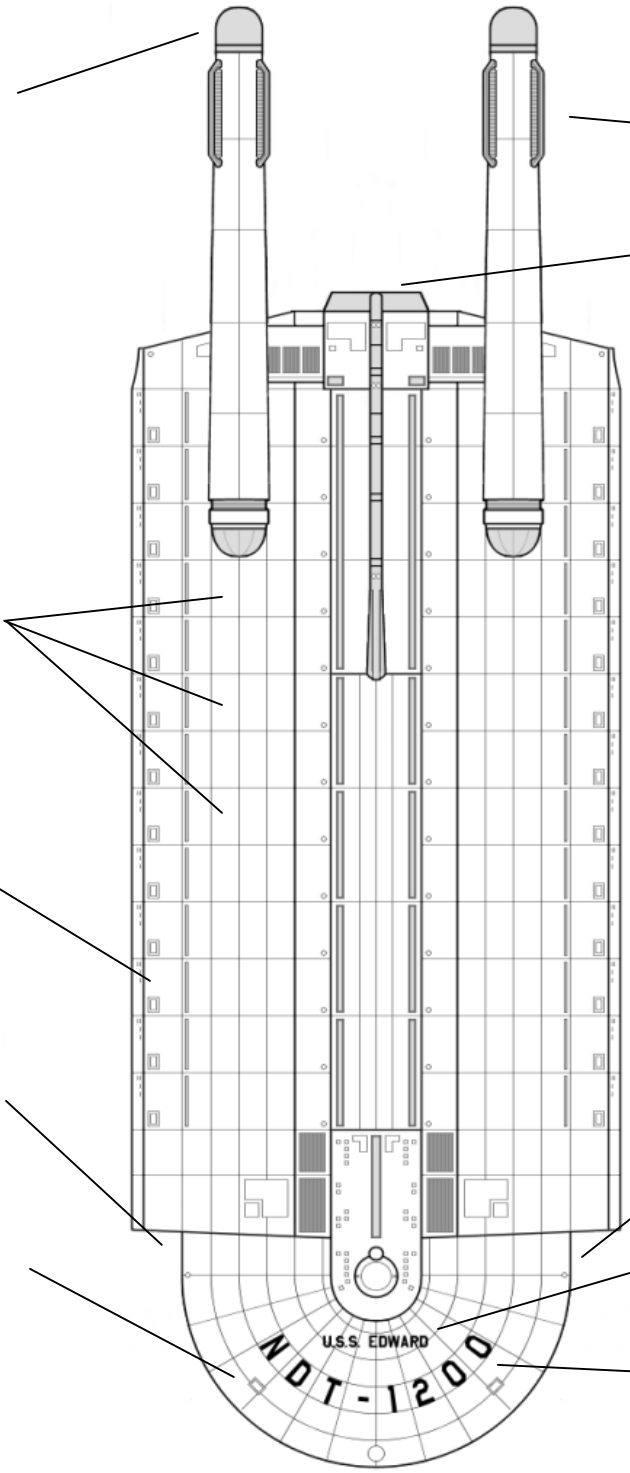
CONSTRUCTION DETAILS

CHIEF OF DESIGN	RIMA LITONJUA
PRIMARY SHIPYARD	SAN FRANCISCO ORBITAL
PROJECT INITIATION	MARCH 2264, SD 3220
VESSELS CONSTRUCTED	25

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANUARY 2272)
USS EDWARD	NDT-1200	CLASS SHIP, ACTIVE / STARFLEET COMMAND
USS EDMUND	NDT-1201	ACTIVE / STARFLEET COMMAND
USS ELIZABETH	NDT-1202	DECOMISSIONED
USS CHARLES	NDT-1203	ACTIVE / STARFLEET COMMAND
USS RICHARD	NDT-1204	ACTIVE / STARFLEET COMMAND
USS DARLING	NDT-1205	ACTIVE / STARFLEET COMMAND
USS GEORGE	NDT-1206	ACTIVE / STARFLEET COMMAND
USS PERCY	NDT-1207	ACTIVE / STARFLEET COMMAND
USS HENRY	NDT-1208	ACTIVE / STARFLEET COMMAND
USS HARRY	NDT-1209	ACTIVE / STARFLEET COMMAND
USS DOUGAL	NDT-1210	DECOMISSIONED
USS MELCHETT	NDT-1211	ACTIVE / STARFLEET COMMAND
USS FLASHHEART	NDT-1212	ACTIVE / STARFLEET COMMAND
USS AMY	NDT-1213	ACTIVE / STARFLEET COMMAND
USS WALTER	NDT-1214	ACTIVE / STARFLEET COMMAND
USS KEANRICK	NDT-1215	ACTIVE / STARFLEET COMMAND
USS MOSSOP	NDT-1216	ACTIVE / STARFLEET COMMAND
USS KATE	NDT-1217	ACTIVE / STARFLEET COMMAND
USS PITT	NDT-1218	ACTIVE / STARFLEET COMMAND
USS SMEDLEY	NDT-1219	ACTIVE / STARFLEET COMMAND
USS TOPPER	NDT-1220	ACTIVE / STARFLEET COMMAND
USS LUDWIG	NDT-1221	ACTIVE / STARFLEET COMMAND
USS BERNARD	NDT-1222	ACTIVE / STARFLEET COMMAND
USS FARROW	NDT-1223	DESTROYED
USS BALDRICK	NDT-1224	SCRAPPED

COLONY TRANSPORT CLASS

EDWARD CLASS STARSHIPS – DORSAL VIEW



PB-32S WARP FIELD GENERATOR COWLING [P/S]

PB-32 SPRIMARY WARP ENGINES [P/S]

IPI86E IMPULSE UNIT HOUSING

COLONIST HABITATION MODULES [P/S]

MK IV TWIN EMITTER PHASER BANK [P/S]

PRIMARY HULL [SAUCER]

NAVIGATION LIGHTS [P/S]

AIRLOCK LIFT, LIFEBOAT LAUNCH [14X P/S]

VESSEL'S COMMISIONED NAME

STARFLEET REGISTRY ID

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

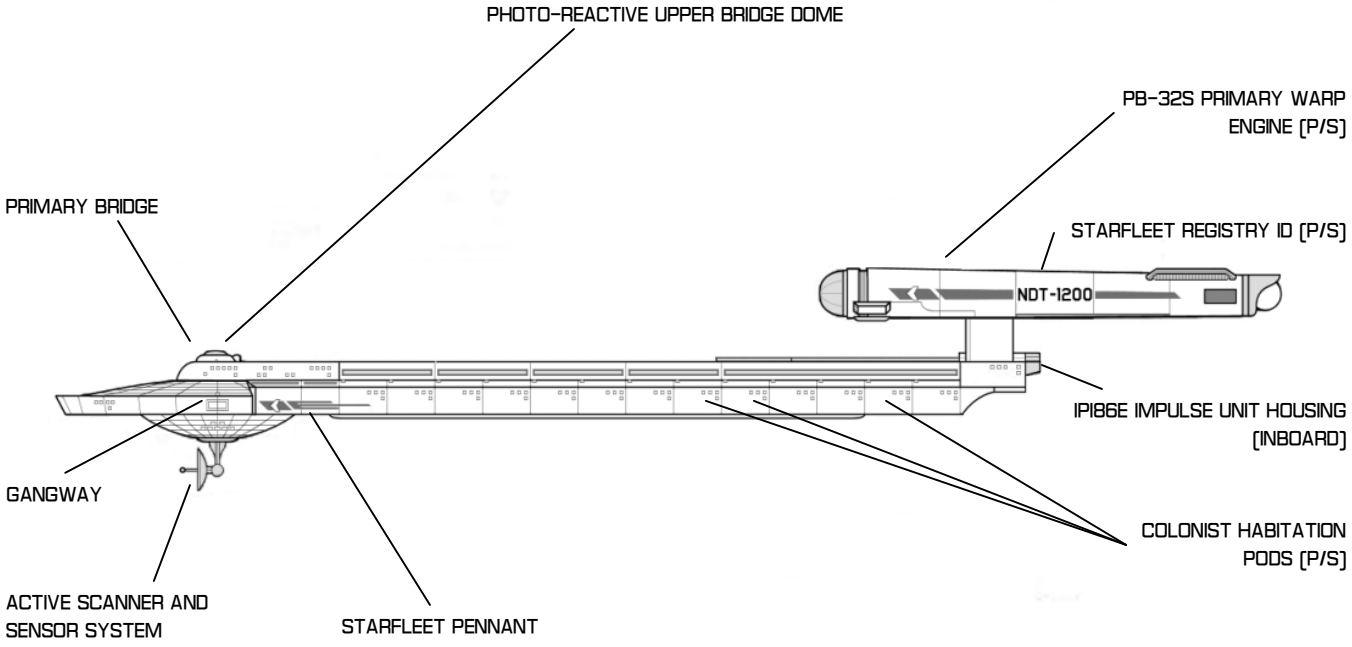
GENERAL PLANS:/RECOGNITION DETAIL
COLONY TRANSPORT [TTC] / EDWARD CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	RIMA LITONJUA
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

COLONY TRANSPORT CLASS

EDWARD CLASS STARSHIPS – PORT VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
COLONY TRANSPORT [TTC] / EDWARD CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	RIMA LITONJUA
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

COLONY TRANSPORT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	20
CREW	180

DIMENSIONS	
DEADWEIGHT TONNAGE	731,500 MT
LENGTH	420M
BREADTH	140M
HEIGHT	76M

ARMAMENTS	
PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-32S MK III—TRIPLE (WF 6/8)
IMPULSE/SL DRIVE	IP186E (.75C)
RCS SYSTEM	CCR50C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	4

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU
ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
TRANSPORTERS	10 STD / 10 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	COLONY TRANSPORT, TTC
MAXIMUM OPERATING RANGE	18 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		BRIDGE
DECK TWO		CREW LOUNGE
DECK THREE THRU FIVE		OFFICER'S QUARTERS, MAIN RECREATION DECKS, STORES
DECK SIX		MAIN HABITATION ACCESS,, ENGINEERING, IMPULSE REACTOR CONTROL
DECK SEVEN		CREW QUARTERS, AUX CONTROL, PERSONELL GANGWAY ACCESS
DECK EIGHT		TRAVEL PODS, PERSONNEL GANGWAY ACCESS, COMPUTER ARRAY
DECK NINE		FABRICATION FACILITIES, STORAGE
DECK TEN		RECREATION DECKS, STORAGE
DECK ELEVEN		SENSOR AND SCANNER CONTROL

AUTOMATED FREIGHTER

SHERMAN TYPE AUTOMATED VESSEL

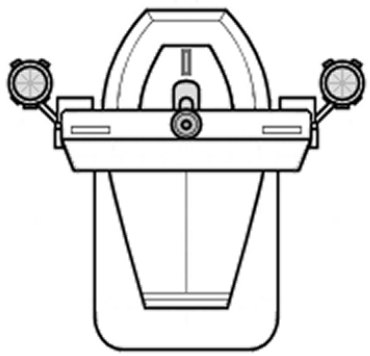
GENERAL INFORMATION

AS EXPECTED FROM A LARGELY AUTOMATED SHIP CLASS, THE SHERMAN IS AN AGING DESIGN. THIS DESIGN, HOWEVER, WAS CONSTRUCTED WITH HER EVENTUAL OBSELENCE IN MIND. AS AN AUTOMATED FREIGHTER, THE *SHERMAN* CAN PERFORM ROUTINE, MUNDANE MISSIONS UNDER HER OWN PROGRAMMING, OR BE DIRECTED VIA SUBSPACE LINK FOR MORE HAZARDOUS DUTIES.

STARFLEET MAINTAINS A SMALL NUMBER OF THESE FREIGHTERS IN ACTIVE DUTY, LARGELY TO SERVIVE AND SUPPLY OUTPOSTS AND STARBASES. THE BULK OF THE SHIPS OF THIS TYPE ARE UNDER CIVILIANS ARRANGEMENTS OR SLATED AS RESERVES. THE SINGLE PHASER BANK FOUND ON THE STAR FLEET VERSION OF THIS SHIP IS NOT AVAILABLE ONLY THE CIVILIAN VERSION, AND IS DISABLED FOR ANY AUTOMATED USE.

THOUGH THE AGE OF THE *SHERMAN*'S ACTUAL DESIGN IS NOW WELL OVER, THE CLASS WILL LIKELY CONTINUE TO SEE SERVICE FOR A FEW DECADES TO COME, THOUGH INCREASINGLY IN 'AUTOMATED ONLY' ROLES. SURPRISINGLY, HOWEVER, A NEW VERSION OF THE DESIGN IS BEING CONSIDERED FOR PURELY CIVILIAN PURPOSES, BASED ON RECENTLY DECLASSIFIED FEDERATION TECHNOLOGY.

SHERMAN TYPE – BOW VIEW



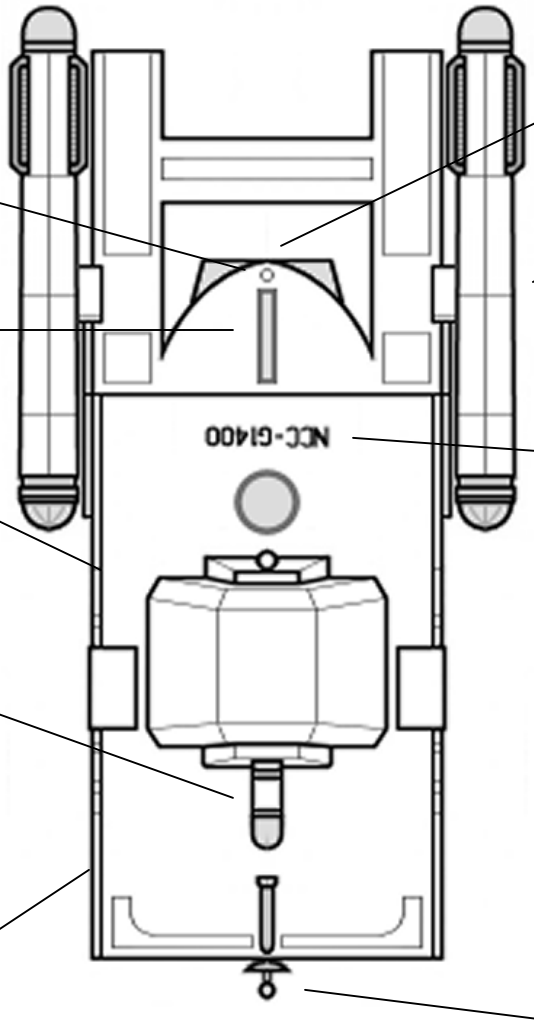
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DON CHRISTIANSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	16

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS SHERMAN	NCC-G-1400	CLASS SHIP, ACTIVE / STARFLEET TRANSPORT COMMAND
USS VON DRAKE	NCC-G-1401	ACTIVE / STARFLEET TRANSPORT COMMAND
USS PEABODY	NCC-G-1402	ACTIVE / STARFLEET TRANSPORT COMMAND
USS NELL	NCC-G-1403	ACTIVE / STARFLEET TRANSPORT COMMAND
USS DUDLEY	NCC-G-1404	ACTIVE / STARFLEET TRANSPORT COMMAND
USS YAMHILL	NCC-G-1405	ACTIVE / STARFLEET TRANSPORT COMMAND
USS SANDRA	NCC-G-1406	ACTIVE / STARFLEET TRANSPORT COMMAND
USS MAYAGUEZ	NCC-G-1407	ACTIVE / STARFLEET TRANSPORT COMMAND
USS GAMESA	NCC-G-1408	ACTIVE / STARFLEET TRANSPORT COMMAND
USS KHRON	NCC-G-1409	ACTIVE / STARFLEET TRANSPORT COMMAND
USS PUENTE CANARIO	NCC-G-1460	ACTIVE / STARFLEET TRANSPORT COMMAND
USS CAMPONALON	NCC-G-1461	ACTIVE / STARFLEET TRANSPORT COMMAND
USS ALECIA	NCC-G-1462	ACTIVE / STARFLEET TRANSPORT COMMAND
USS VICTORIA ELENA	NCC-G-1463	ACTIVE / STARFLEET TRANSPORT COMMAND
USS VILLA DE ORIO	NCC-G-1464	DESTROYED
USS URLEA	NCC-G-1465	DESTROYED

AUTOMATED FREIGHTER

SHERMAN TYPE AUTOMATED VESSEL- DORSAL VIEW



PB26-S WARP FIELD GENERATOR COWLING [P/S]

PB-26-S INTERCOOLER [P/S]

IPI86E IMPULSE UNIT HOUSING

NAVIGATION LIGHTS

PB-26S PRIMARY WARP ENGINES [P/S]

ENGINEERING HULL

COMMAND TOWER

STARFLEET REGISTRY ID

SUBSPACE RELAY SYSTEM

ACTIVE SENSOR AND DEFLECTOR SYSTEM

PRIMARY HULL

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

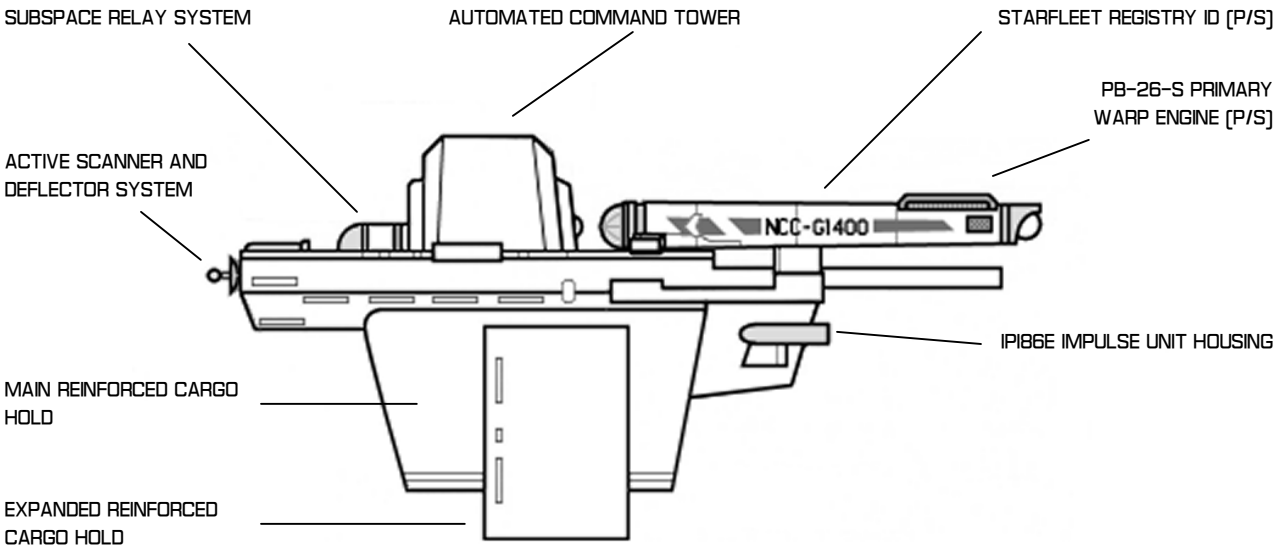
GENERAL PLANS:/RECOGNITION DETAIL
AUTO. FREIGHTER [TTR] / SHERMAN TYPE

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DON CHRISTIANSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

AUTOMATED FREIGHTER

SHERMAN TYPE AUTOMATED VESSEL- DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
AUTO. FREIGHTER [TTR] / SHERMAN TYPE

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DON CHRISTIANSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

AUTOMATED FREIGHTER

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	4 (WHEN NOT AUTOMATED)
CREW	26 (WHEN NOT AUTOMATED)

DIMENSIONS	
DEADWEIGHT TONNAGE	78,000MT
LENGTH	113M
BREADTH	52M
HEIGHT	55M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F) (OPT)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-26-S MK V—TANDEM (WF 5/6)
IMPULSE/SL DRIVE	IPI86E (.75C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
NONE	0

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU (EXP)
ACTIVE SCANNER SUITE	MK III LX SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III SENSORY SYSTEM
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	AUTOMATED TRANSPORT, TTR
MAXIMUM OPERATING RANGE	20 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE		AUXILLARY MANUAL CONTROL
DECK TWO		AUTOMATION CONTROL, COMPUTER ARRAY
DECK THREE, FOUR		OFFICER'S QUARTERS, CREW QUARTERS,
DECK FIVE		SUBSPACE RELAY CONTROL
DECK SIX, SEVEN		SENSOR CONTROL, PHASER CONTROL (OPT), STORAGE
DECK EIGHT		ENGINEERING, IMPULSE REACTOR CONTROL
DECK NINE THRU FOURTEEN		MAIN AND SECONDARY CARGO HOLDS

ARMED FREIGHTER

INDEPENDENCE CLASS AUTOMATED VESSEL

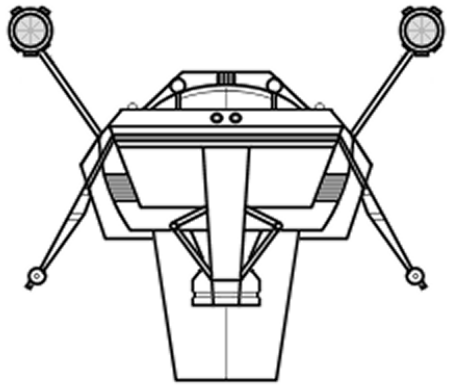
GENERAL INFORMATION

THOUGH THE FEDERATION AND KLINGON EMPIRE ARE UNDER TREATY TO AVOID OPEN WAREFARE, COLONIES AND OUTPOSTS WITHIN THE NEUTRAL ZONE ARE IN NEED OF CONSTANT SUPPLY AND ARE ALSO IN CONSTANT DANGER OF RAIDS. THE *INDEPENDENCE* CLASS ARMED FREIGHTER IS LARGELY USED TO FUFILL BOTH NEEDS IN AREAS KNOWN FOR HOSTILIEIS, WHERE IT'S NOT ADVISABLE FOR CIVILIAN SHIPS TO GO IN WITHOUT ESCORT.

THOUGH THE *INDEPENDENCE* IS, BY NO MEANS, A VESSEL MEANT FOR COMBAT, HER PHASER BANKS HAVE CAUSED MORE THAN ONE WOULD-BE RAIDER TO RECONSIDERED TARGETING THEM AS PREY. THOUGH NOT TRULY DESIGNED TO ACTUALLY WIN A CONFLICT, THE DESIGN IS FOR WITHSTANDING AN ATTACK LONG ENOUGH FOR HELP TO ARRIVE. AS SUCH, FOR A FREIGHTER, THE *INDEPENDENCE* CAN WITHSTAND A TREMENDOUS POUNDING.

THOUGH THE CLASS IS NEARING THE END OF ITS TECHNOLOGICAL HEY-DAY, IT REMAINS A FAVORITE WITHIN THE NEUTRAL ZONE AND LIKELY WON'T BE COMPLETELY PHASED OUT FOR A NUMBER OF YEARS, DESPITE 'REPLACEMENT' CLASSES ALREADY FIELDED.

INDEPENDENCE TYPE - BOW VIEW



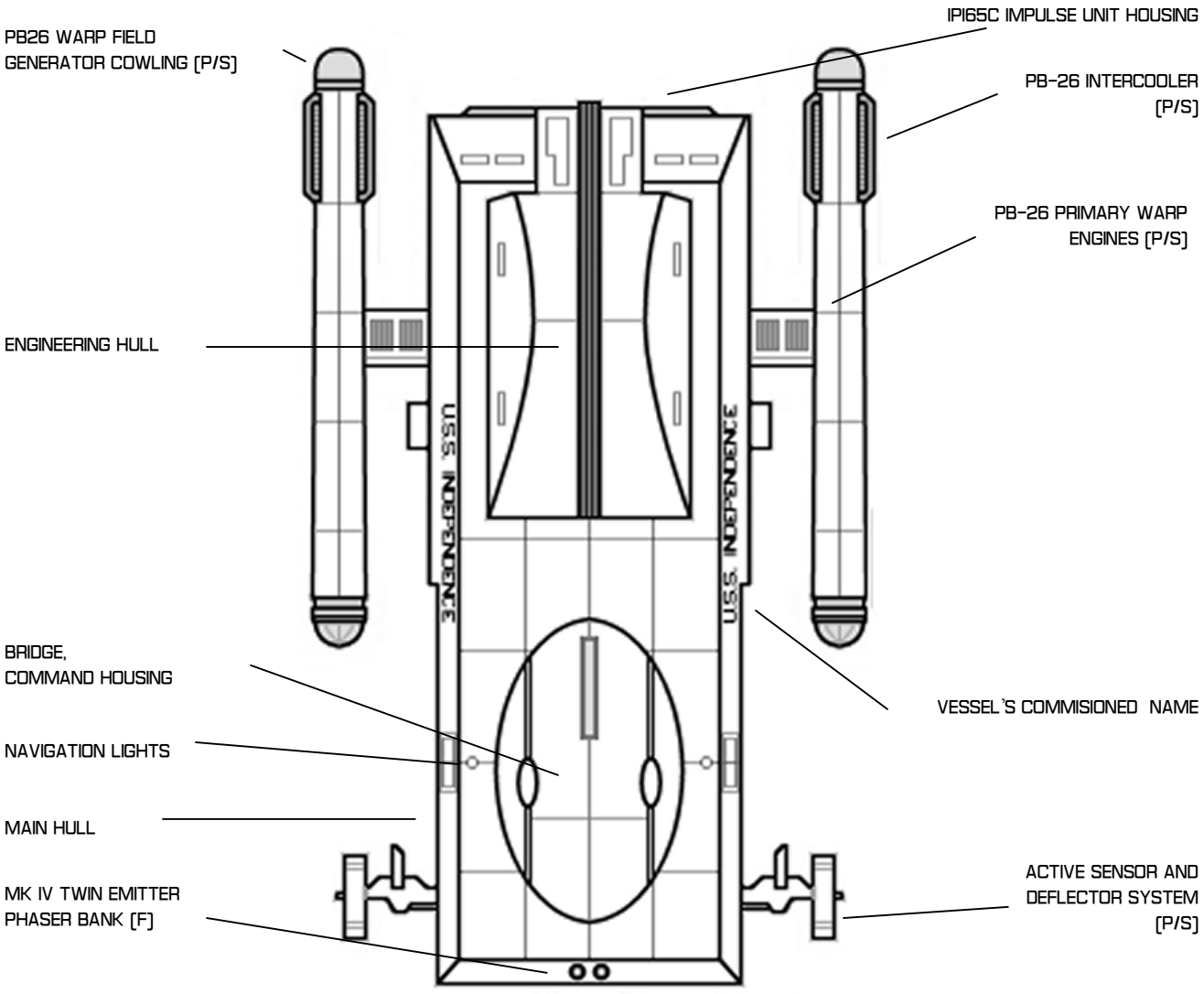
CONSTRUCTION DETAILS

CHIEF OF DESIGN	DON CHRISTIANSON
PRIMARY SHIPYARD	UTOPIA PLANETIA
PROJECT INITIATION	JULY 2245, SD 0965
VESSELS CONSTRUCTED	15

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS SHERMAN	NCC-F-1900	CLASS SHIP, DECOMISSIONED
USS VON DRAKE	NCC-F-1901	DECOMISSIONED
USS PEABODY	NCC-F-1902	DECOMISSIONED
USS NELL	NCC-F-1903	ACTIVE / STARFLEET TRANSPORT COMMAND
USS DUDLEY	NCC-F-1904	ACTIVE / STARFLEET TRANSPORT COMMAND
USS YAMHILL	NCC-F-1905	ACTIVE / STARFLEET TRANSPORT COMMAND
USS SANDRA	NCC-F-1906	ACTIVE / STARFLEET TRANSPORT COMMAND
USS MAYAGUEZ	NCC-F-1907	ACTIVE / STARFLEET TRANSPORT COMMAND
USS GAMESA	NCC-F-1908	ACTIVE / STARFLEET TRANSPORT COMMAND
USS KHRON	NCC-F-1909	ACTIVE / STARFLEET TRANSPORT COMMAND
USS PUENTE CANARIO	NCC-F-1910	ACTIVE / STARFLEET TRANSPORT COMMAND
USS CAMPONALON	NCC-F-1911	ACTIVE / STARFLEET TRANSPORT COMMAND
USS ALECIA	NCC-F-1912	ACTIVE / STARFLEET TRANSPORT COMMAND
USS VICTORIA ELENA	NCC-F-1913	ACTIVE / STARFLEET TRANSPORT COMMAND
USS VILLA DE ORIO	NCC-F-1914	ACTIVE / STARFLEET TRANSPORT COMMAND

ARMED FREIGHTER CLASS

INDEPENDENCE CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

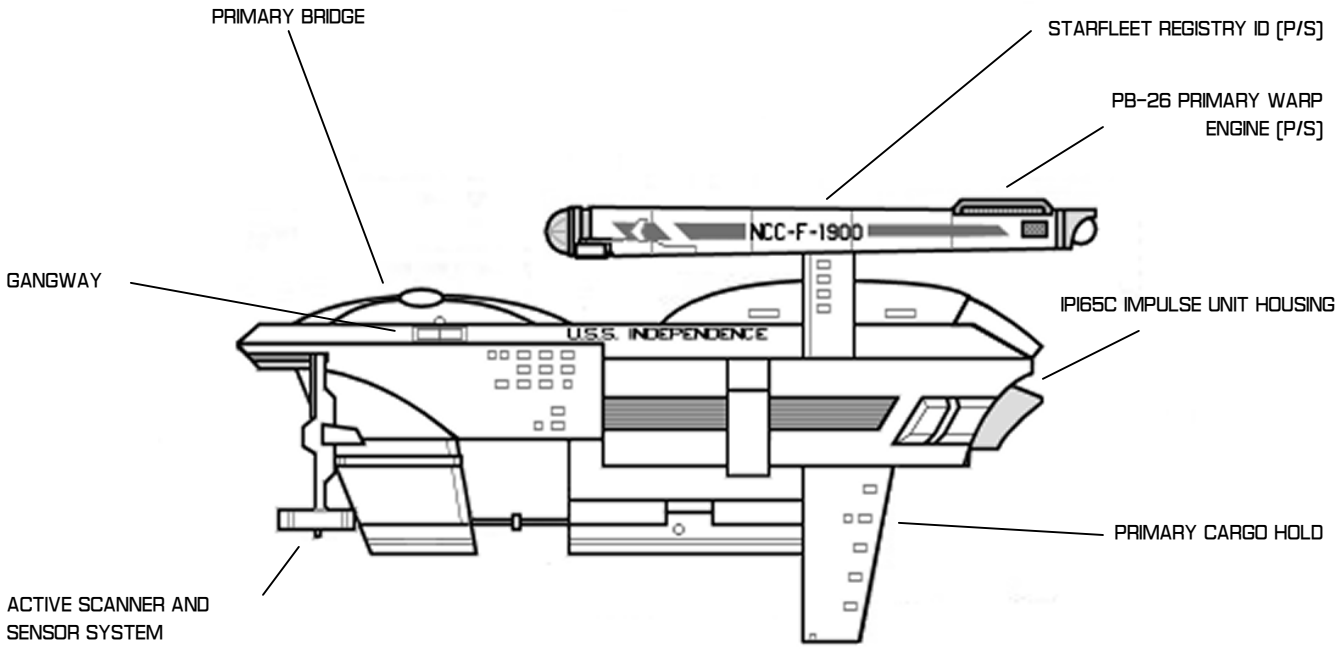
GENERAL PLANS:/RECOGNITION DETAIL
ARMED FRIEGHTER [FT] / INDEPENDENCE CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DON CHRISTIANSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

ARMED FREIGHTER CLASS

INDEPENDENCE CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
ARMED FRIEGHTER [FT] / INDEPENDENCE CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN	DON CHRISTIANSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

ARMED FREIGHTER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT	
OFFICERS (COMMAND)	4
CREW	26

DIMENSIONS	
DEADWEIGHT TONNAGE	85,000 MT
LENGTH	117M
BREADTH	69M
HEIGHT	60M

ARMAMENTS	
PHASERS	MK IV TWIN EMITTER (F)
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF2A
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR (A)

PROPULSION SYSTEMS	
WARP/FTL DRIVE	PB-26 MK V—TANDEM (WF 6/7)
IMPULSE/SL DRIVE	IPI65C (.50C)
RCS SYSTEM	CCR45C (500KPM)

SUPPLEMENTAL CRAFT	
TYPE H TRAVEL POD	2

SECONDARY SYSTEMS	
MAIN COMPUTER	DUOTRONIC MK II CU (EXP)
ACTIVE SCANNER SUITE	MK III LX SENSORY SYSTEM
PASSIVE SENSOR SUITE	MK III SENSORY SYSTEM
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE	
MISSION TYPE	TRANSPORT, FT
MAXIMUM OPERATING RANGE	20 YEARS AT LYV

DECK ARRANGEMENT (GENERAL)	VESSEL SECTION	DECK SUMMARY
DECK ONE	(FORWARD)	BRIDGE
DECK ONE	(AFT)	MAIN ENGINEERING
DECK TWO, THREE		GANGWAY, OFFICER'S QUARTERS, CREW QUARTERS, PHASER CONTROL
DECK FOUR , FIVE		MAINTEINANCE, TRANSPOTER ROOMS, SHIP'S STORES, CARGO HOLD
DECK SIX THRU EIGHT		MAIN AND SECONDARY CARGO HOLDS
DECK NINE THRU FOURTEEN		SENSOR SYSTEM, SECONDARY CARGO HOLDS

TRANSPORT CONTAINER

DRKY BULK SERIES

GENERAL INFORMATION

THE 'DRY BULK' CONTAINER POD IS BASICALLY THE 'STRIPPED DOWN' TRANSPORT POD, WHERE LITTLE EQUIPMENT IS USED FOR SPECIAL HANDLING AND ENVIRONMENTAL CONCERNS.

FOR ITS DESIGN, THE 'DRY BULK' POD IS BASICALLY A STRIPPED-DOWN AND SOMEWHAT MORE ECONOMICAL POD WHEN COMPARED TO THE GENERAL PRODUCTS DESIGN. STAR-FLEET DOES KEEP A LARGE NUMBER OF THESE PODS ON HAND, AND ARE OFTEN REFERRED TO AS 'SNAIL MAIL' PODS, SINCE THEY OFTEN DELIVER STELLAR MAIL BETWEEN SHIPS, STAR-BASES, AND FEDERATION WORLDS.

LIKE THE OTHER 'STANDARD' CONTAINER TYPES, THE FDB-001 TYPE WOULD FIND COMMON USE IN CIVILIAN ROLES AND BE IN COMMON USE FOR DECADES FOLLOWING THEIR RELEASE.

CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	VARIOUS
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	349 [AUTHORIZED]

SUPPLEMENTAL CRAFT

NONE

SECONDARY SYSTEMS

MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	NONE
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE

MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

STANDARD COMPLEMENT

OFFICERS [COMMAND]	2
CREW	18

DIMENSIONS

DEADWEIGHT TONNAGE	122,000 MT
LENGTH	203M
BREADTH	44M
HEIGHT	44M

ARMAMENTS

PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

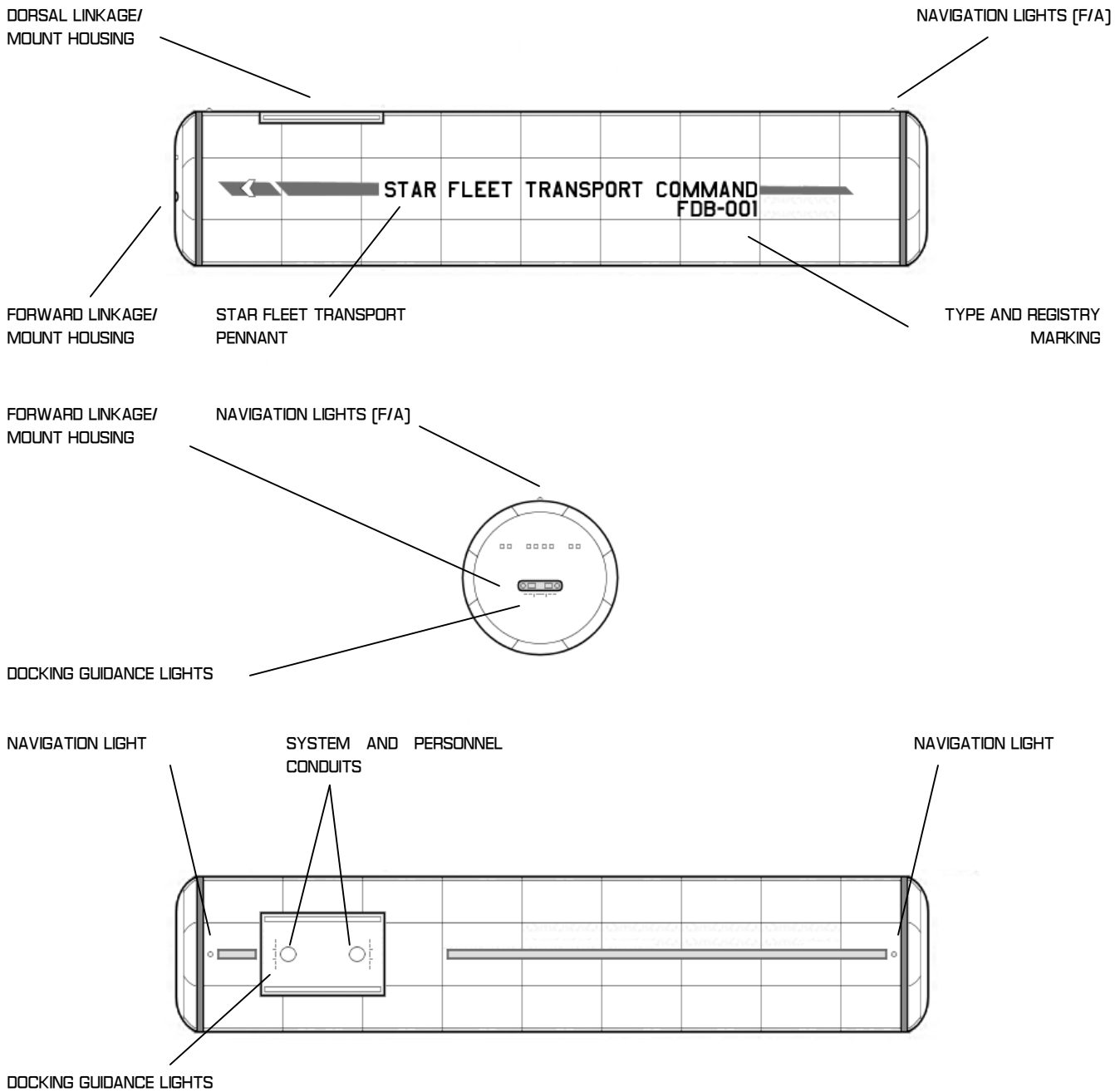
PROPULSION SYSTEMS

WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C [500KPM]

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		LINKAGE SYSTEM, EMERGENCY SEAL,
DECK TWO		CONTROL, CREW QUARTERS, MAINTENANCE, PERSONELL TRANSPORTERS
DECK THREE		BULK STORAGE
DECK FOUR		FORWARD/AFT LINKAGE SYSTEM, BULK STORAGE
DECK FIVE THRU NINE		BULK STORAGE
DECK TEN		TRACTOR BEAM COTNROL, STORES, BULK STORAGE

TRANSPORT CONTAINER

BULK SERIES - TRI-VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT CONTAINER / BULK-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

TRANSPORT CONTAINER

LIQUIDS SERIES

GENERAL INFORMATION

THE 'LIQUIDS' POD IS DESIGNED WITH MULTIPLE PRESSURE AND TEMPERATURE-CONTROLLED COMPARTMENTS TO HANDLE THE TRANSPORTATION OF LIQUIDS OF VARIOUS TYPES, RANGING FROM COMMON WATER TO LOW-YIELD HYDROGEN PLASMA. THE POD'S SYSTEMS ARE DESIGNED TO KEEP EACH COMPARTMENTS' LIQUIDS AS STABLE AND SECURE AS POSSIBLE.

SINCE THE FGP POD HAS SIMILAR CAPACITIES OF ITS OWN, THE FGL PODS ARE RESERVED FOR LARGE-SCALE TRANSPORT OF LIQUIDS, SUCH AS INITIAL COLONY SUPPLIES,. BECAUSE OF THIS, THERE ARE SIGNIFICANTLY FEWER 'LIQUIDS' PODS THAN GENERAL PRODUCTS PODS IN THE SPACE-LANES.

CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	VARIOUS
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	349 [AUTHORIZED]

SUPPLEMENTAL CRAFT

NONE

SECONDARY SYSTEMS

MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	NONE
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE

MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

STANDARD COMPLEMENT

OFFICERS [COMMAND]	2
CREW	18

DIMENSIONS

DEADWEIGHT TONNAGE	122,000 MT
LENGTH	203M
BREADTH	44M
HEIGHT	44M

ARMAMENTS

PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

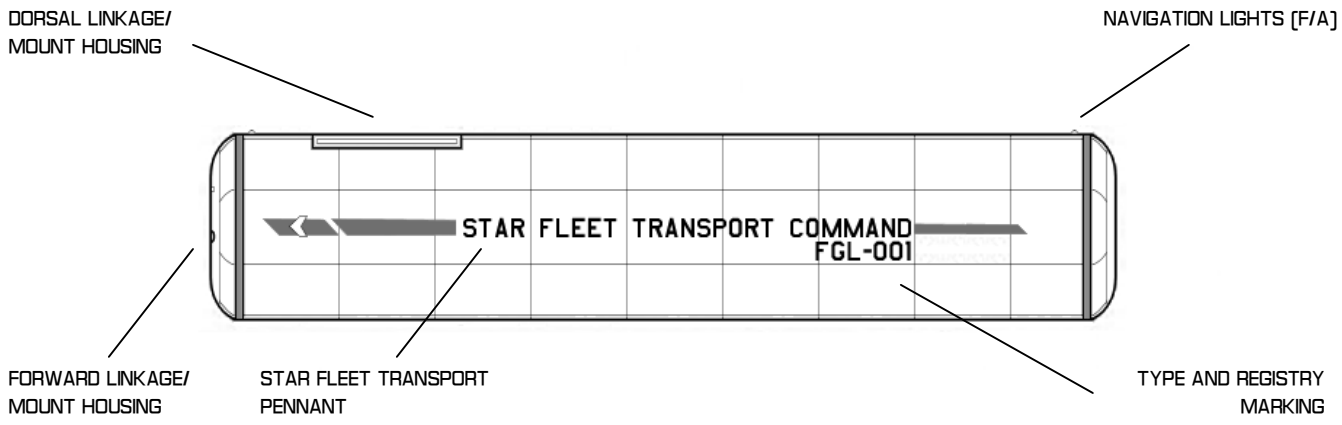
PROPULSION SYSTEMS

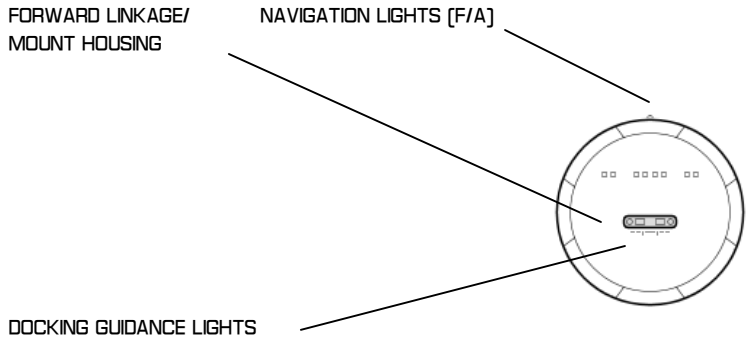
WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C [500KPM]

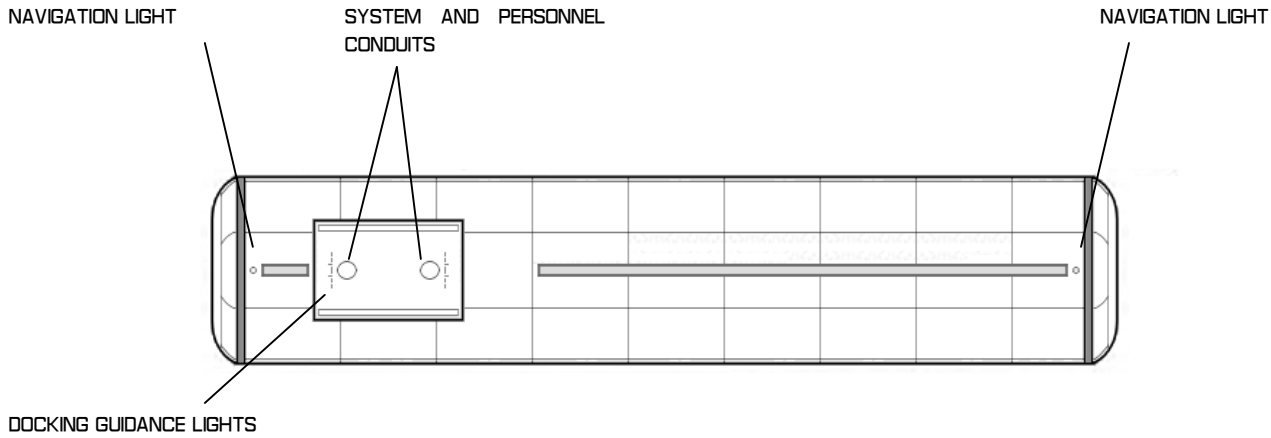
DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		LINKAGE SYSTEM, EMERGENCY SEAL,
DECK TWO		CONTROL, CREW QUARTERS, MAINTENANCE, PERSONELL TRANSPORTERS
DECK THREE		LIQUIDS STORAGE
DECK FOUR		FORWARD/AFT LINKAGE SYSTEM, LIQUIDS STORAGE
DECK FIVE THRU NINE		LIQUIDS STORAGE
DECK TEN		TRACTOR BEAM COTNROL, STORES, LIQUIDS STORAGE

TRANSPORT CONTAINER

LIQUID SERIES – TRI-VIEW







UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT CONTAINER / LIQUID-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

TRANSPORT CONTAINER

PRODUCTS SERIES

GENERAL INFORMATION

THE 'PRODUCTS' POD IS DESIGNED FOR MASS TRANSIT OF 'FINISHED' GOODS AND MATERIALS. THE POD CAN CARRY UP TO 300,000 CUBIC METERS OF ASSORTED FREIGHT, IDEAL FOR RESUPPLYING STARBASES AND OUTPOSTS, AS WELL AS MAINTAINING SUPPLY LINES FOR STARFLEET ACTIVITIES.

THE FGP POD IS DESIGNED TO CARRY AN ASSORTMENT OF GOODS, SO IT MAINTAINS SEVERAL COMPARTMENTS FOR REFRIGERATION, LIQUID TRANSPORT, AND SO ON. DUE TO ITS GENERAL PURPOSE SUE AND LARGE CAPACITY, THE FGP POD IS THE MOST COMMON TYPE OF TRANSPORT CONTAINER CURRENTLY IN USE.

CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	VARIOUS
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	349 [AUTHORIZED]

SUPPLEMENTAL CRAFT

NONE

SECONDARY SYSTEMS

MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	NONE
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE

MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

STANDARD COMPLEMENT

OFFICERS [COMMAND]	2
CREW	18

DIMENSIONS

DEADWEIGHT TONNAGE	122,000 MT
LENGTH	203M
BREADTH	44M
HEIGHT	44M

ARMAMENTS

PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

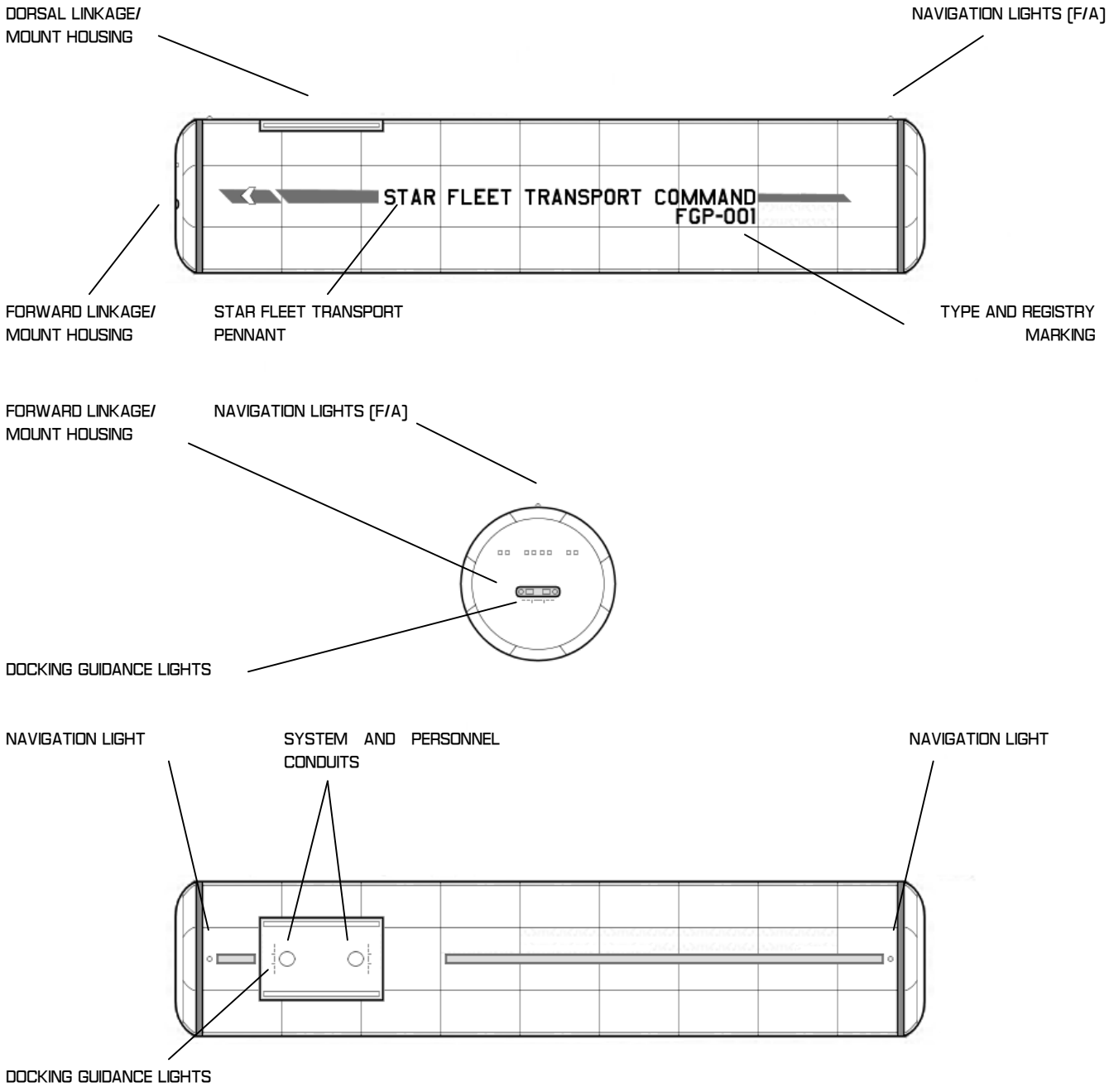
PROPULSION SYSTEMS

WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C [500KPM]

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		LINKAGE SYSTEM, EMERGENCY SEAL,
DECK TWO		CONTROL, CREW QUARTERS, MAINTENANCE, PERSONELL TRANSPORTERS
DECK THREE		PRODUCTS STORAGE
DECK FOUR		FORWARD/AFT LINKAGE SYSTEM, PRODUCT STORAGE
DECK FIVE THRU NINE		PRODUCTS STORAGE
DECK TEN		TRACTOR BEAM COTNROL, STORES, PRODUCT STORAGE

TRANSPORT CONTAINER

PRODUCTS SERIES – TRI-VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT CONTAINER / PRODUCTS-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

TRANSPORT CONTAINER

REEFER SERIES

GENERAL INFORMATION

THE 'REEFER', OR REFRIGERATION POD, IS USED TO TRANSPORT MATERIALS THAT ARE ENVIRONMENT-SENSITIVE. 'REFREIGERATION' MAY BE A MISNOMER, SINCE THE PODS ARE CAPABLE OF TRANSPOTING AND DELIVERING GOODS WHILE MAINTAINING 'HIGH HEAT' CONDITIONS AS WELL.

SINCE THE FPG POD HAS REFRIGERATION CAPABILITIES OF ITS OWN, THE FRF PODS ARE RESERVED FOR LARGE-SCALE TRANSPOT OF ENVIRONMENTALLY SENSITIVE GOODS. CONSE-QUENTLY, THERE ARE SIGNIFICANTLY FEWER 'REEFER' PODS THAN GENERAL PRODUCTS PODS IN THE SPACELANES.

CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	VARIOUS
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	349 [AUTHORIZED]

SUPPLEMENTAL CRAFT

NONE

SECONDARY SYSTEMS

MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	NONE
TRANSPORTERS	1 STD / 1 EVAC / 4 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE

MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

STANDARD COMPLEMENT

OFFICERS [COMMAND]	2
CREW	18

DIMENSIONS

DEADWEIGHT TONNAGE	100,000 MT
LENGTH	203M
BREADTH	44M
HEIGHT	44M

ARMAMENTS

PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A]

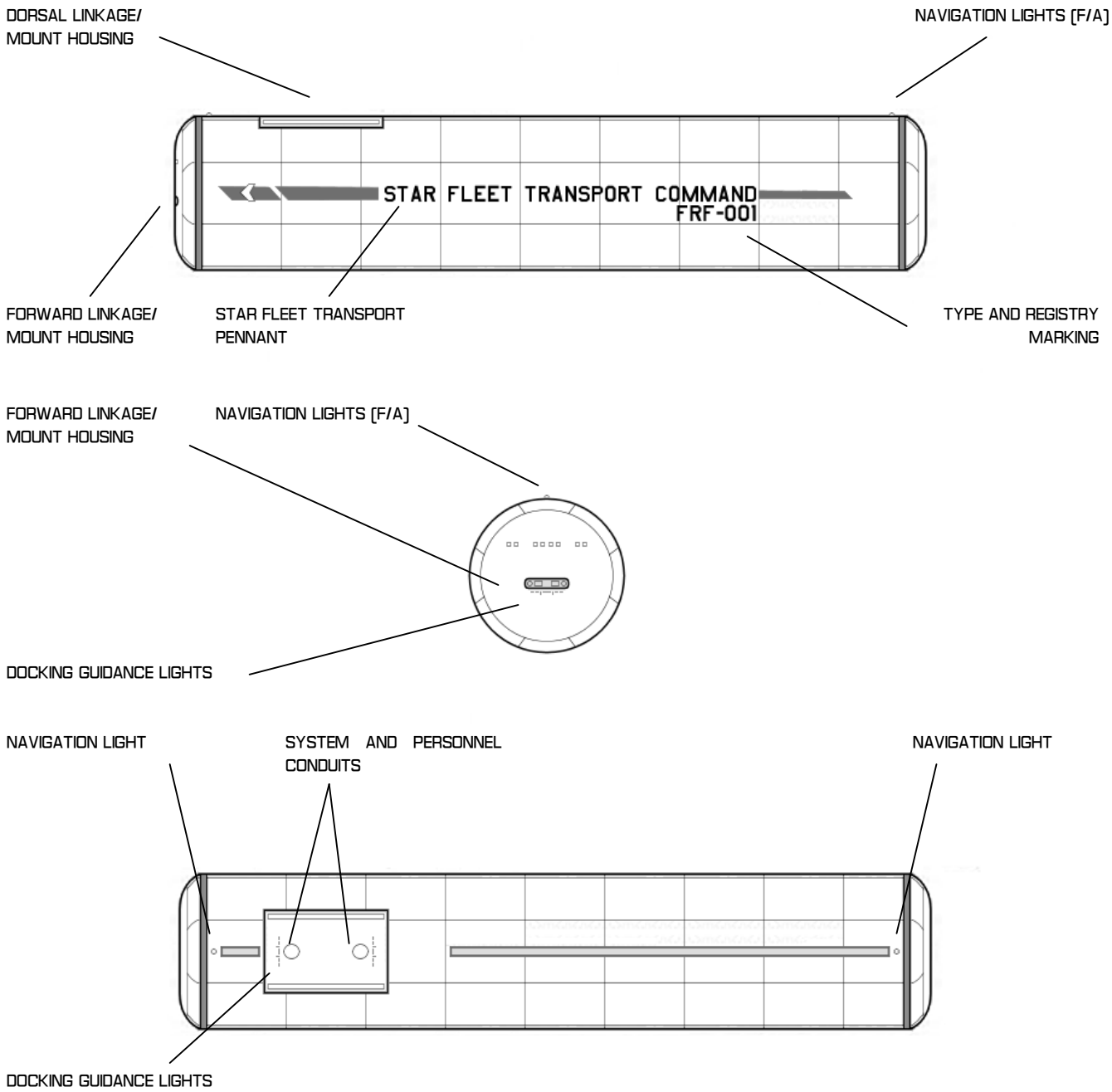
PROPULSION SYSTEMS

WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	NONE
RCS SYSTEM	CCR50C [500KPM]

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		LINKAGE SYSTEM, EMERGENCY SEAL,
DECK TWO		CONTROL, CREW QUARTERS, MAINTENANCE, PERSONELL TRANSPORTERS
DECK THREE		MATERALS STORAGE, CLIMATE CONTROL
DECK FOUR		FORWARD/AFT LINKAGE SYSTEM, MATERIALS STORAGE, CLIMATE CONTROL
DECK FIVE THRU NINE		MATERIALS STORAGE, CLIMATE CONTROL
DECK TEN		TRACTOR BEAM COTNROL, STORES, GENERAL STORAGE

TRANSPORT CONTAINER

REEFER SERIES – TRI-VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT CONTAINER / REEFER-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

TRANSPORT CONTAINER

STARLINER SERIES

GENERAL INFORMATION

THE 'STARLINER' POD IS NORMALLY IN USE BY CIVILIAN AGENCIES WITH AUXILLARY SHIPS RATHER THAN FORMAL USE BY STARFLEET, THOUGH THERE HAVE BEEN A FEW EXCEPTIONS – MOSTLY FOR DIPLOMATIC PURPOSES, OR FOR THE YEARLY STARFLEET ACADEMY GRADUATION CRUISE.

AN SLR-001 TYPE POD CAN ACCOMMODATE BETWEEN 300 TO 500 GUESTS IN HIGH LUXURY, WITH A WIDE VARIETY OF ENTERTAINMENT SERVICES, SPACIOUS ROOMS, AND FULLY STOCKED GALLEY. TO GET AN UNDERSTANDING OF THE LUXURY FOUND WITHIN THIS STARLINER, THE SLR-001 ITSELF [SOMEWHAT MODIFIED FROM SPEC] IS THE 'PRESIDENTIAL LINER', RESERVED FOR THE FEDERATION PRESIDENT AND HIS STAFF.

CONSTRUCTION DETAILS

CHIEF OF DESIGN	FRANZ JOSEPH
PRIMARY SHIPYARD	VARIOUS
PROJECT INITIATION	MAY 2258, SD 1313
VESSELS CONSTRUCTED	349 [AUTHORIZED]

SUPPLEMENTAL CRAFT

TYPE H TRAVEL POD	4
TYPE F SHUTTLECRAFT	6

SECONDARY SYSTEMS

MAIN COMPUTER	DUOTRONIC MK III CU
ACTIVE SCANNER SUITE	NONE
PASSIVE SENSOR SUITE	NONE
TRANSPORTERS	4 STD / 4 EVAC / 2 CARGO
LIFE SUPPORT	MK IV CT-3 SUITE

MISSION PROFILE

MISSION TYPE	GENERAL PURPOSE
MAXIMUM OPERATING RATING	25 YEARS

STANDARD COMPLEMENT

OFFICERS [COMMAND]	20
CREW	175

DIMENSIONS

DEADWEIGHT TONNAGE	85,000 MT
LENGTH	203M
BREADTH	44M
HEIGHT	44M

ARMAMENTS

PHASERS	NONE
PHOTON TORPEDOES	NONE
DEFENSE DEFLECTOR SHIELD	PFF3AE
PASSIVE DEFLECTOR	MK VI/AS [REINFORCED]
TRACTOR BEAM EMITTER	MK IV SS MICRO-COMPRESSOR [A,FX2]

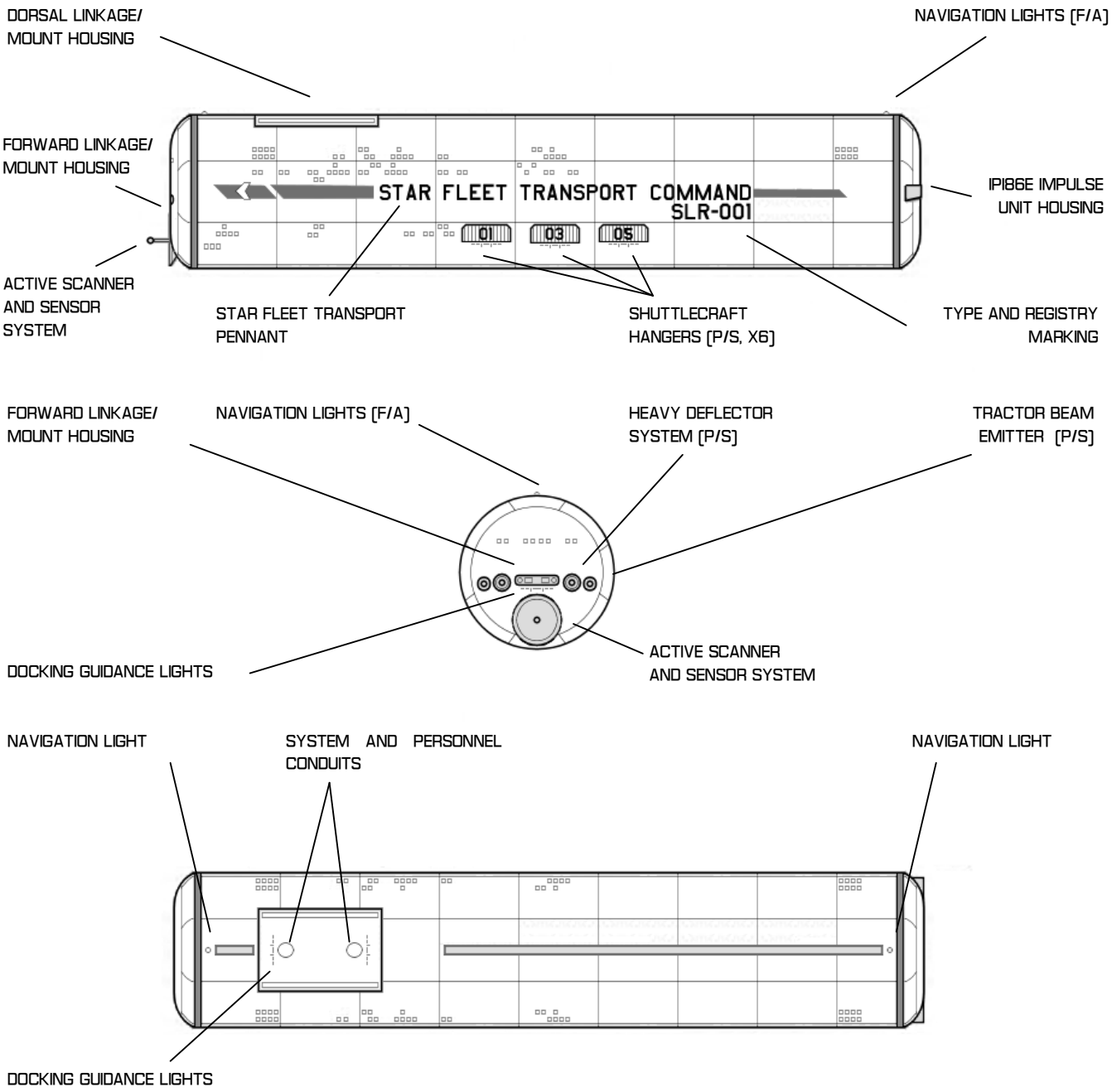
PROPULSION SYSTEMS

WARP/FTL DRIVE	NONE
IMPULSE/SL DRIVE	IPI86E [.75C]
RCS SYSTEM	CCR50C [500KPM]

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE		LINKAGE SYSTEM, EMERGENCY SEAL, RECREATION CENTERS
DECK TWO, THREE		OFFICER QUARTERS, PASSENGER CABINS, TRANSPORTERS
DECK FOUR		THEATRE, PROMENADE
DECK FIVE		PASSENGER CABINS, CREW CABINS, TRANSPORTERS
DECK SIX		MAIN CONTROL,, MAINTENANCE, ENGINEERING DECK
DECK SEVEN		TRACTOR BEAM CONTROL, SHUTTLECRAFT HANGARS, EMERGENCY EVAC
DECK EIGHT THRU TEN		STORAGE, CARGO HOLDS, MAINTENANCE SYSTEMS

TRANSPORT CONTAINER

STARLINER SERIES – TRI-VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
TRANSPORT CONTAINER / STARLINER-SERIES

AUTHENTICATION NOTICE

CHIEF OF DESIGN	FRANZ JOSEPH
AUTHENTICATION APPROVAL	SD 4840.55
VERSION RELEASE	SD 7411.27

BEAM EMITTER (MK IV)

OFFENSIVE/POINT-DEFENSE STARSHIP WEAPONRY SYSTEM

GENERAL INFORMATION

THE MK IV BEAM EMITTER IS THE SECOND MAJOR CLASS OF PHASER WEAPON TO BE IN SERVICE ABOARD FEDERATION STARSHIPS. THESE WEAPONS SERVE AS A SHIP'S MAIN "GUNS" AND POINT-DEFENSE SYSTEMS. AS OF SD 2232, THE MK IV SYSTEM BECAME THE STANDARD PHASER WEAPON FOR ALL FEDERATION SHIPS.

THOUGH THE MK IV IS NOT A DRAMATIC IMPROVEMENT OVER THE MK III (STILL THE PRIMARY WEAPON FOR "NON-SHIPS OF THE LINE"), IT DOES PROVIDE A MARGINAL INCREASE OF RANGE, YIELD, AND WEAPON SPEED OVER ITS PREDECESSOR. SINCE THE MK IV SYSTEM USES THE SAME FP-3 HOUSING AS THE MK III, THE DECISION TO UPGRADE SEEMED OBVIOUS.

LIKE THE MK III EMITTER, THE MK IV SYSTEM IS DESIGNED FOR ALLOWING A "BANK" OF TWO PHASERS LINKED TOGETHER. A BANK EFFECTIVELY ADDS 50 PERCENT MORE YIELD TO THE WEAPON OUTPUT.

STARSHIPS OF THE LINE WITH MK III EMITTERS WERE SCHEDULED FOR UPGRADES TO THE MK IV STYLE STARTING IN 2264 AS EACH VESSEL IS OVERHAULED. THE PROCESS WAS EFFECTIVELY COMPLETED IN 2268.

NEW STARSHIP BUILDS MEANT FOR SHIPS OF THE LINE FROM 2265 THROUGH 2270 WOULD ALL INCLUDE THE MK IV PHASER EMITTER BY DEFAULT.

SYSTEM DETAILS

DESIGNATION	PHASER BEAM EMITTER, MK IV
SYSTEM COMMISSION	MARCH 2263, SD 2232
SYSTEM FUNCTION	PRIMARY OFFENSIVE WEAPONRY SECONDARY POINT-DEFENSE

SYSTEM SPECIFICS

LENGTH	2.2 M
WIDTH	1.2 M
HEIGHT	1,2 M
MASS (DEADWEIGHT)	855 KG
MASS (LOADED AND POWERED)	2.2 MT

PERFORMANCE INFORMATION

POWER FEED	FH-3 HOUSING (IMPULSE POWER CHANNEL)
YIELD (APP. MAXIMUM)	3.2 MT TNT 8.0 MT TNT (BANK)
RANGE (APP. MAX. EFFECTIVE)	250,000 KM
AREA OF EFFECT	PINPOINT (SEE NOTES)
SPADIS CAPABILITY	WF 12
VARIABLE SETTINGS	(SEE NOTES)

PHASER SETTINGS

THE MULTI-FACETED DESIGN OF THE PHASER MK IV ALLOWS FOR SEVERAL VARIATIONS ON HOW THE BEAM IS EMPLOYED. A BREAKDOWN OF STANDARD OPTIONS OF THE WEAPON FOLLOWS:

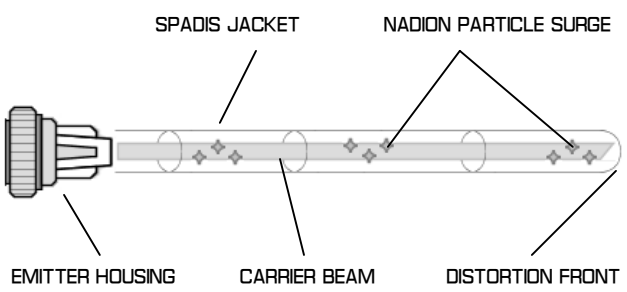
SPADIS SYSTEM
THE SPADIS (SPATIAL DISTORTION) SYSTEM IS EMPLOYED TO BOTH STRIKE TARGETS AT GREAT DISTANCE, AND TO ALLOW FOR THE USE OF PHASERS AT WARP SPEED, USING A SYSTEM SIMILAR TO SUBSPACE RADIO. THOUGH THE SYSTEM REQUIRES A DRAMATICALLY HIGHER POWER CURVE THAN OLDER WEAPONS SYSTEMS, ITS BENEFITS ARE OBVIOUS.

PHASER LOCK
PHASERS CAN BE SET TO TIE INTO THE SHIP'S SCANNER AND SENSOR SYSTEMS TO GAIN A "LOCK" ON A TARGET, GENERALLY BY TRACKING POWER EMISSIONS OF AN ENEMY VESSEL. IN THE EVENT THE PHASER LOCK IS DISABLED, OR AN OPPONENT HAS ACTIVE COUNTERMEASURES, MANUAL CONTROL OF PHASERS IS POSSIBLE WITH REGULAR FIRING CONTROL SYSTEMS.

STUN SETTING
LIKE HAND PHASERS, THE ELECTROMAGNETIC FIELD GENERATED BY SHIPBOARD PHASERS CAN BE USED TO INVOKE BOTH A NEUROLOGICALLY DISRUPTIVE PULSE AT LOW POWER, OR A MUCH MORE POTENT EMP PULSE AT HIGHER POWER SETTINGS. STUN SETTINGS ON SHIPBOARD PHASERS HAVE EXTREMELY LIMITED RANGE OF ONLY 200 KM MAX. EFFECTIVE RANGE.

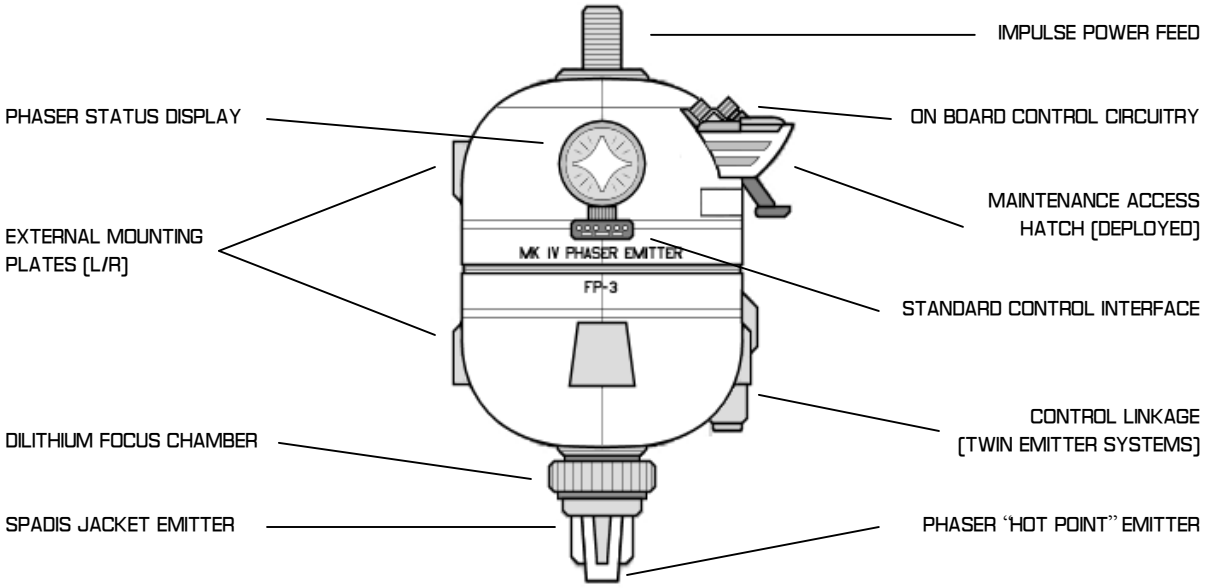
PROXIMITY FUSE
PHASERS CAN BE SET TO "EXPLODE" THEIR YIELD AT LONG DISTANCE BY DISRUPTING THE SPADIS FIELD AT THE DESIGNATED RANGE. THE YIELD FOR THIS EFFECT IS TREMENDOUSLY REDUCED, THOUGH THE AREA OF EFFECT OF THE WEAPON CAN SPREAD UP TO 5 KM FROM ITS CENTER, DEPENDING ON THE DISTANCE INVOLVED TO TARGET AND THE AMOUNT OF POWER EMPLOYED WITHIN THE SPADIS FIELD.

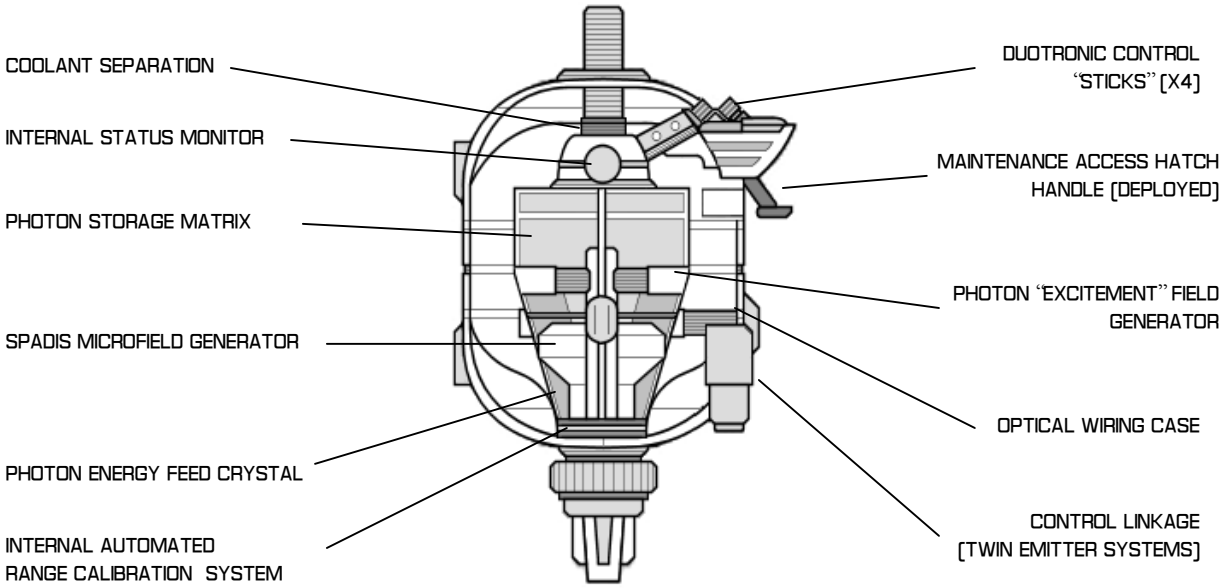
PHASER EMISSION ILLUSTRATION



BEAM EMITTER - MK IV

OFFENSIVE/POINT-DEFENSE STARSHIP WEAPONRY SYSTEM





UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
MK IV PHASER EMITTER

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATTHEW JEFFERIES
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

PHOTON TORPEDO - MK-III

STARSHIP PRIMARY HEAVY WEAPON SYSTEM

GENERAL INFORMATION

THE MARK III TORPEDO IS THE STARFLEET'S MAINSTAY HEAVY WEAPON. CAPABLE OF HIGH WARP SPEEDS AND HEAVY DESTRUCTIVE POWER. THE MARK III CAME INTO SERVICE IN 2239 ABOARD THE *USS RANGER* AND QUICKLY SAW FAVOR IN THE FEDERATION'S ARSENAL THOUGH CURRENTLY INFERIOR TO THE KLINGON AND ROMULAN'S HEAVIEST WEAPONS. THE MK III PHO-TON TORPEDO REMAINS ONE OF THE PREMIERE STARSHIP WEAPONS.

THE MARK III HOUSING IS NOTABLY MORE COMPACT THAN THE PREVIOUS VERSIONS., MAKING IT A COMFORTABLE FIT WITHIN THE MK XII/IF TORPEDO LAUNCHER FOUND IN MOST SHIPS OF THE *BATON ROUGE* AND *CONTITUTION* CLASS DESIGN ERAS.

TACTICALLY. THE MARK III IS EQUIPPED WITH A MID-GRADE SENSOR SUITE THAT ALLOWS FOR TRACKING OF ENERGY SIG-NATURES. ALLOWING THE TORPEDO TO HOME IN ON TARGETS EVEN WHILE AT WARP SPEED. THIS TRACKING SYSTEM HAS PROVEN QUITE EFFECTIVE IN GENERAL.

UNFORTUNATELY, THE CLOAKING DEVICES FOUND ABOARD LARGER ROMULAN VESSELS AND A SELECT FEW KLINGON VESSELS POSE A SEVERE PROBLEM FOR THE ON-BOARD TRACKING SYSTEMS AT THIS TIME.

SYSTEM DETAILS

DESIGNATION	PHOTON TORPEDO, MKIII
SYSTEM COMMISION	MARCH 2239, SD N/A
SYSTEM FUNCTION	PRIMARY
	OFFENSIVE WEAPONRY
	SECONDARY
	DEMOLITIONS

SYSTEM SPECIFICS

LENGTH	1.7M
WIDTH	1.0M
HEIGHT	0,3M
MASS [DEADWEIGHT]	315KG
MASS [LOADED AND POWERED]	315MT

PERFORMANCE INFORMATION

POWER FEED	MK XII/IF TORPEDO LAUNCHER [IMPULSE POWER CHANNEL]
YIELD [APPROX MAX]	30 MT TNT 45 MT TNT [OVERLOADED]
RANGE [APPROX MAX EFFECTIVE]	1,800,000KM
AREA OF EFFECT	10KM
SPADIS CAPABILITY	WF 10
VARIABLE SETTINGS	[SEE NOTES]

VARIABLE SETTINGS

THE MULTI-FACETED DESIGN OF THE MK-III TORPEDO ALLOWS FOR SEVERAL VARIATIONS ON HOW THE WEAPON CAN BE DEPLOYED. A BREAKDOWN OF STANDARD OPTIONS OF THE WEAPON FOLLOWS:

OVERLOADED SETTING
PHOTON TORPEDOES MAY BE SET ON AN 'OVERLOADED' SETTING, WHICH INCREASES THE DESTRUCTIVE POWER OF THE TORPEDO AT A DRAMATIC DECREASE IN RANGE. IN GENERAL, THIS PRACTICE IS FROWNED UPON BY STAR FLEET COMMAND, BUT IS SOMETIMES USED TO PIERCE THE SHIELDING OF VERY HEAVY VESSELS.

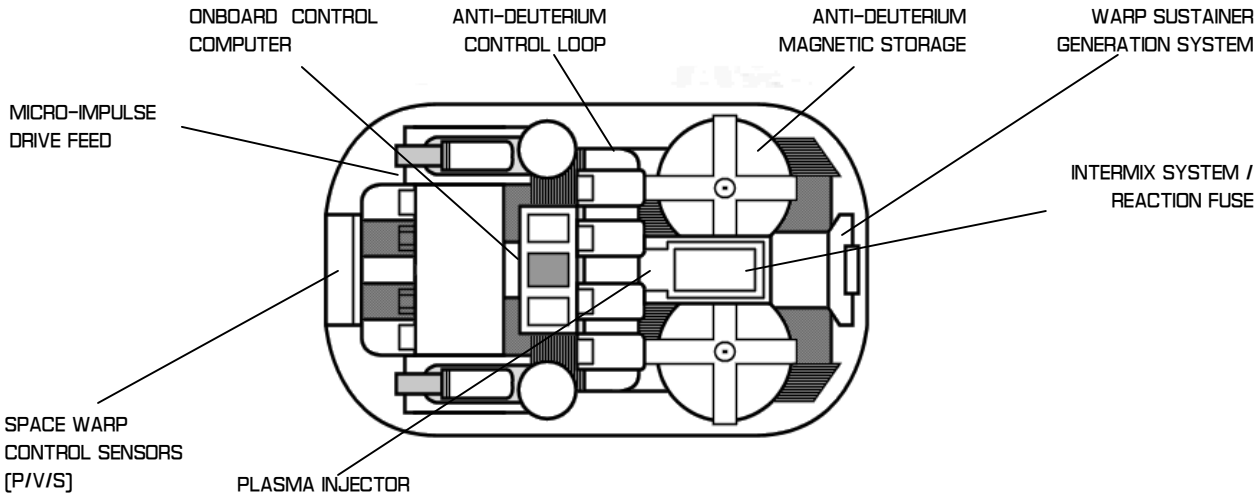
PROMIXITY SETTING
PHOTON TORPEDOES CAN BE RIGGED TO AFFECT A MUCH WIDER AREA OF SPACE THAN NORMAL, THOUGH AT GREATLY REDUCED YIELD. PROXIMITY SETTINGS CAN BE EXPANDED TO A MAXIMUM OF 20,000KM, BUT DOING SO YIELDS ONLY A MAXIMUM 0.5 MT.

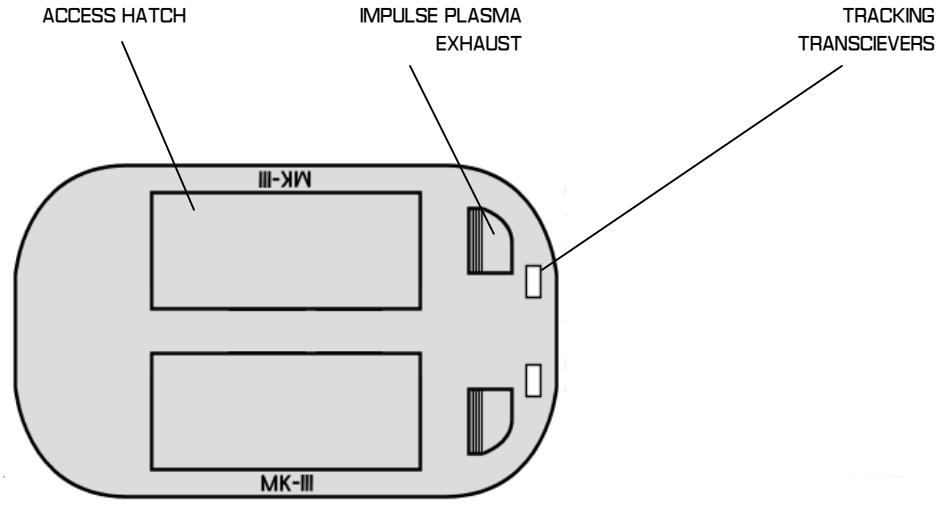
PENETRATION SETTING
WHEN SET FOR HIGH-PENETRATION, THE EXPLOSIVE YIELD OF THE TORPEDO IS HEAVILY SACRIFICED FOR THE SAKE OF PENETRATING SHIELDING OR HEAVY ARMOR. THIS IS THE PREFERRED SETTING FOR CLOSE-RANGE, SHIP TO SHIP COMBAT, WHERE SHIELD PENETRATION IS FAR MORE IMPORTANT THAN EXPLOSIVE YIELD.

PROBE MODIFICATION
MK-III TORPEDOES MAY BE MODIFIED INTO CLASS I OR CLASS III PROBES BY SWAPING OUT WEAPONRY PAYLOAD COMPONENTS WITH ENCHANCED SENSOR SYSTEMS AND A SUBSPACE TRANSCEIVER SYSTEM.

PHOTON TORPEDO - MK-III

STARSHIP PRIMARY HEAVY WEAPON SYSTEM





UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
PHOTON TORPEDO - MK-III

AUTHENTICATION NOTICE

CHIEF OF DESIGN	NEALE DAVIDSON
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

WARP ENGINE - PB-32

STARSHIP "FASTER THAN LIGHT" MAIN DRIVE SYSTEM

GENERAL INFORMATION

THE PB-32 FTL ENGINE WOULD BE THE FIRST PRODUCED DILITHIUM-FOCUSED MATTER/ANTI-MATTER WARP DRIVE SYSTEM. INTRODUCED IN 2240 ON THE PROTOTYPE *USS BONAVENTURE*, THE SYSTEM PROVED TO BE MORE POWERFUL, MORE CAPABLE, AND MORE VERSATILE THAN ANY ENGINE FIELED BY ANY FEDERATION WORLD BEFORE. THE DRAMATIC IMPROVEMENTS IN WARP SPEEDS (ALONG WITH REDUCTION IN TIME DILATION PROBLEMS) WOULD BE CONSIDERED BY MANY TO BE 'BREAKING THE TMIE BARRIER' IN FASTER-THAN-LIGHT TRAVEL.

THE PB-32 WOULD GO THROUGH A FEW MINIOR REVISIONS OVER HER DESIGN HISTORY (WITH THE LATEST BEING MOD 3), WITH ENGINEERS IN MANY SHIPS (SUCH AS THE *ENTERPRISE*) TAKING THE IMPRESSIVE ENGINES AND PUSHING THEIR PERFORMANCE TO UNHEARD-OF LEVELS.

THE BASIC DESIGN OF THE PB-32 WOULD NOT ONLY SPAWN TRUE VARIANTS OF THE ENGINE, BUT ALSO A NUMBER OF CLOSE RELATIVES FOR USE IN OTHER SHIP CLASSES. EVEN THE TYPE F SHUTTLECRAFT MAKES USE OF THE PB-32'S OVERALL ARCHETETCTURE WITH ITS FB-24 MICRO-WARP ENGINES,

BY THE 2260'S, HOWEVER, IT WAS BECOMING OVBVIOUS THAT THE VENERABLE PB-32 ENGINE DESIGN WAS BEGINNING TO HIT THE END OF ITS 'HEYDAY'. THOUGH TWEAKS AND MODIFICATIONS CONTINUED TO MAKE THE PB-32 DRIVEN *ENTERPRISE* THE FASTEST OF ALL STARSHIPS WITHIN THE FLEET, IT WAS BECOMING INCREASINGLY CLEAR THAT IT WAS TIME TO LOOK FOR NEW DESIGNS.

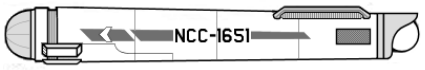
AS OF 2265, THE LN-48, CONSIDERED BY MANY ENGINEERS TO BE A 'STOP GAP' MEASURE TO TECHNOLOGICAL IMPROVEMENTS WAS TO BE USED ON NEW SHIPS OF THE LINE, THOUGH NO UPRATING PROGRAMS WERE AUTHORIZED. IN 2270, OF COURSE, THE LN-64 ENGINE SERIES FINISHED THEIR TRIALS, MARKING A FORMAL END TO THE PB-32'S RUN AS THE FEDERATIONS' MAINSTAY ENGINE..

VARIANT ENGINES OF THE SERIES

PB-32-S
INTRODUCED IN 2244 AND COMMONLY FOUND ON LIGHTER, 'SUPPORT' SHIPS, THE PB-32-S IS, IN A PRACTICAL SENSE, THE PB-32 WITHOUT THE SECONDARY COMPRESSOR FIELDS AND A REDUCED OVERALL POWER OUTPUT. AS A RESULT, THE PB-32-S IS CONSIDERED THE 'SHORT' MODEL, WITH SLIGHTLY LESS OPTIMAL PERFORMANCE THAN THE PB-32.

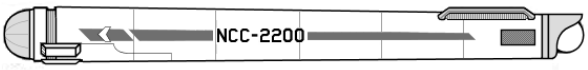
PB-32-L
INTRODUCED IN 2255, THE "LONG" VERSION OF THE PB-32 ENGINE IS RESERVED PRIMARILY FOR ULTRA-HEAVY SHIPS, SUCH AS CARRIERS AND PROPOSED HEAVY BATTLESHIPS. AS EXPECTED, THESE ENGINES EXTEND THE SECONDARY COMPRESSOR FIELD SYSTEM AND GENERATE A HIGHER OVERALL POWER OUTPUT. THOUGH RATED AT HIGHER SPEEDS THAN THE PB-32 ITSELF, THE GENERAL HIGH COST AND MAINTENANCE REQUIREMENTS ON THE ENGINES HAVE KEPT THEM OUT OF FAVOR FOR MOST DESIGNS.

PB-32 VARIANT COMPARISON SCHEMATIC



PB-32-S "SHORT" VARIANT

PB-32 MAIN DESIGN

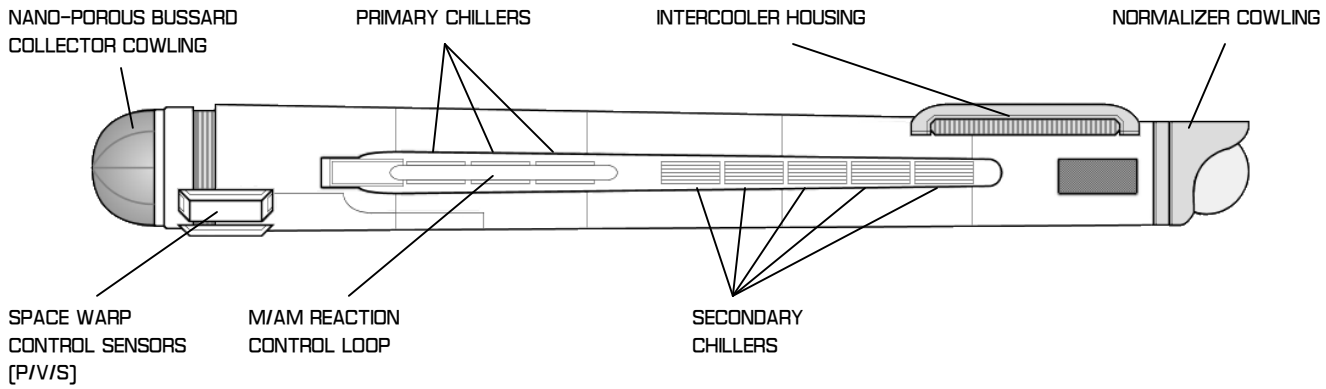


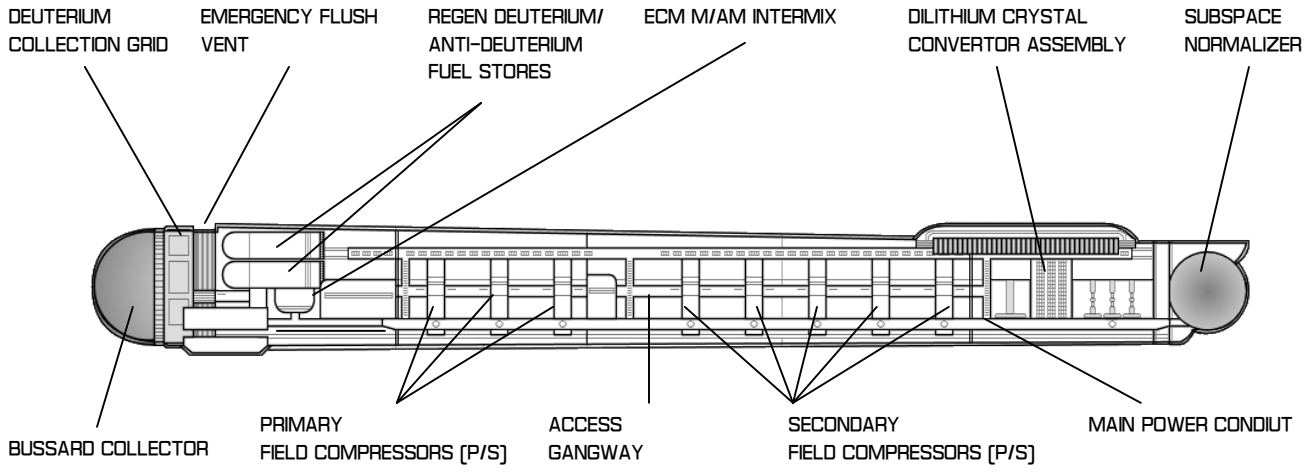
PB-32-L "LONG" VARIANT

SYSTEM DETAILS			
DESIGNATION	PB-32 "FTL" WARP ENGINE	PB-32-S "FTL" WARP ENGINE	PB-32-S "FTL" WARP ENGINE
SYSTEM COMMISION	MARCH 2240, SD 1113	FEBRURARY 2244, SD 1217	FEBRURARY 2255, SD 3141
SYSTEM FUNCTION	MAIN WARP DRIVE UNIT M/AM POWER SOURCE	MAIN WARP DRIVE UNIT M/AM POWER SOURCE	MAIN WARP DRIVE UNIT M/AM POWER SOURCE
SYSTEM SPECIFICS			
LENGTH	157M	130M	183M
WIDTH	18M	18M	18M
HEIGHT	18M	18M	18M
MASS	35,000MT	28,000MT	45,000MT
PERFORMANCE INFORMATION			
WARP SPEED RATING	SINGLE WF 5/7* TANDEM WF 6/8 TRIPLE WF 7/9*	SINGLE WF 4/6* TANDEM WF 5/7 TRIPLE WF 6/8*	SINGLE WF 6/8* TANDEM WF 7/9 TRIPLE WF 8/10*

WARP ENGINE - PB-32

STARSHIP "FASTER THAN LIGHT" MAIN DRIVE SYSTEM





UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
WARP ENGINE - PB-32

AUTHENTICATION NOTICE

CHIEF OF DESIGN	MATTHEW JEFFERIES
AUTHENTICATION APPROVAL	SD 2401.55
VERSION RELEASE	SD 7411.27

WARP ENGINE - LN-40

STARSHIP "FASTER THAN LIGHT" MAIN DRIVE SYSTEM

GENERAL INFORMATION

THOUGH THE PB-32 ENGINE HAD SERVED THE FEDERATION WELL SINCE THE 2240S, BY THE 2260S THEY WERE BEGINNING TO PUSH THEIR REASONABLE LIMITS OF DESIGN. THOUGH THE *ENTERPRISE* HAD BROKEN NUMEROUS SPEED RECORDS AS LATE AS 2269, IT WAS BECOMING CLEAR THAT A NEW APPROACH TO WARP DYNAMICS WAS BECOMING NEEDED.

IN THE LATE 2250'S, A PROJECT WAS BEGUN FOCUSING ON THE CONCEPT OF 'LINEAR' WARP DRIVE, WHICH WAS BASED ON THE THEORY OF TIGHTER CONTROL OF A WARP FIELD BY SMALLER IN-LINE SUBSPACE COMPRESSORS RATHER THAN THE LARGE ONE IN USE. AFTER A DECADE OF RESEARCH AND EXPERIMENTS, THE LN-40 WAS SUCCESSFULLY TESTED ON THE *MONOCEROS*.

THE LN-40 WAS NOT ENVISIONED AS A REVOLUTION ON ITS OWN RIGHT, BUT RATHER A 'PROOF OF CONCEPT' OF LINEAR WARP DRIVES. AS SUCH, IT RETAINS AN INITIAL 'REGULAR' SUBSPACE COMPRESSOR BEFORE ENTERING THE LINEAR SUSSPACE CONTROL SYSTEM. THE RESULT IS AN ENGINE DESIGN THAT, PER SPEC, IS SUPERIOR TO THE PB-32 SERIES, BUT NOT SPECTACULARLY SO.

IN THE MID 2260'S, HOWEVER, THE DECISION WAS MADE THAT FOR KEY STARSHIP CLASSES, RUNNING DESIGN CHANGES WOULD BE MADE FOR NEW BUILDS. THIS WAS LARGELY DUE TO THE REALIZATION THAT THE KLINGON EMPIRE WAS IN THE PROCESS OF UPGRADING THEIR OWN FLEET [THOUGH FEDERATION ESTIMATES WERE FAR TOO GENEROUS IN JUST HOW MUCH].

THOUGH AN IMPROVEMENT, THE FEDERATION FELT THAT THE BULK OF THE FLEET WOULD NOT NEED UPRATING JUST YET. OLDER SHIPS WOULD RETAIN THE PB-32 BASED ENGINES, WITH THE LN-40 SEEING LIMITED INTRODUCTION. THE REASON FOR THIS WAS SIMPLE. THE LN-40 WAS JUST THE FIRST PROOF OF CONCEPT AND SERVED AS A STOP-GAP MEASURE. THE DESIGN SPECIFICS SOUGHT WOULD BE MET LATER, BY THE LN-64.

VARIANT ENGINES OF THE SERIES

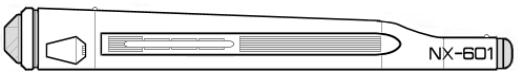
LN-40-S

THE 'SHORT' VERSION OF THE LN-40 DESIGN CUTS BACK ON THE PRIMARY 'OLD STYLE' FIELD GENERATOR AND CUTS DOWN ON THE NUMBER OF LINEAR COMPRESSORS. THE RESULT, AS EXPECTED, IS A LESS POWERFUL AND EFFICIENT WARP FIELD THAN THE LARGER COUSIN.

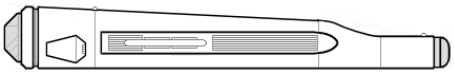
THOUGH PLANS FOR STAR FLEET SHIPS UTILIZING THE LN-40-S WERE CONSIDERED, NONE CAME TO FRUITION. THE SMALL WARP ENGINES FOUND ON THE *OBERTH* CLASS FULFILLED THE INTENDED ROLE MORE EFFICIENTLY FOR LIGHTER VESSELS THAN THE LN-40 WAS DELIVERING.

THE LN-40-S MAY SEE SOME LIFE, HOWEVER, AS STAR FLEET IS CONSIDERING DECLASSIFICATION OF THE DRIVE SYSTEM FOR USE ON CIVILIAN VESSELS. WHILE THIS IS CURRENTLY HOTLY DEBATED, IT'S EXPECTED THAT WITH THE NEW LN-64 SERIES ENGINES ALREADY FIELDED, THERE IS LITTLE NEED TO GUARD 'OLD TECHNOLOGY'.

LN-40 VARIANT COMPARISON SCHEMATIC



LN-40 MAIN DESIGN



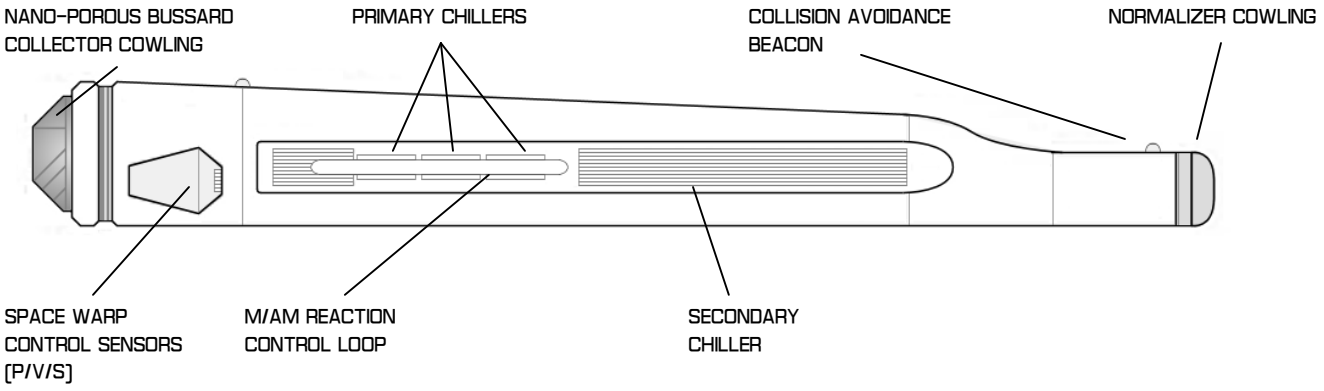
LN-40 "SHORT" VARIANT

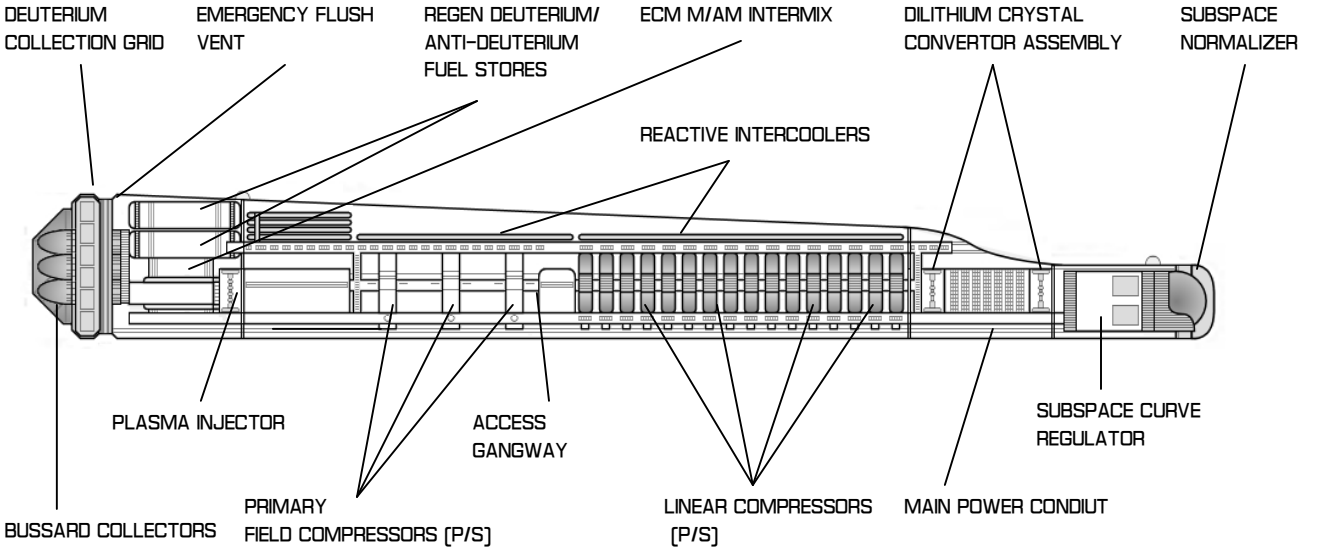
PB-32

SYSTEM DETAILS		
DESIGNATION	LN-40 "FTL" WARP ENGINE	LN-40-S "FTL" WARP ENGINE
SYSTEM COMMISION	MARCH 2264, SD 4840	MARCH 2264, SD 4840
SYSTEM FUNCTION	MAIN WARP DRIVE UNIT M/AM POWER SOURCE	MAIN WARP DRIVE UNIT M/AM POWER SOURCE
SYSTEM SPECIFICS		
LENGTH	161M	141M
WIDTH	15M	15M
HEIGHT	20M	20M
MASS	25,000MT	22,000MT
PERFORMANCE INFORMATION		
WARP SPEED RATING	SINGLE WF 6/8 TANDEM WF 7/9	SINGLE WF 5/7 TANDEM WF 6/8

WARP ENGINE - LN-40

STARSHIP "FASTER THAN LIGHT" MAIN DRIVE SYSTEM





UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS:/RECOGNITION DETAIL
WARP ENGINE - LN-40

AUTHENTICATION NOTICE

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