01

JAYNZ
SHIPS OF STAR FLEET

TERRANLGO LANGUAGE EDITION

AUTHORIZED PERSONNEL ONLY
SECURITY LEVEL TWO

UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

JAYNZ' GUIDE
FEDERATION STAR FLEET SERIES

RS: 480372-1

TERRANGLO LANGUAGE EDITION

UPDATED AND APPROVED FOR TERRAN YEAR 2272

JAYNZ

FEDERATION STAR FLEET SERIES
COMPILATION – 001, REVISION 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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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.

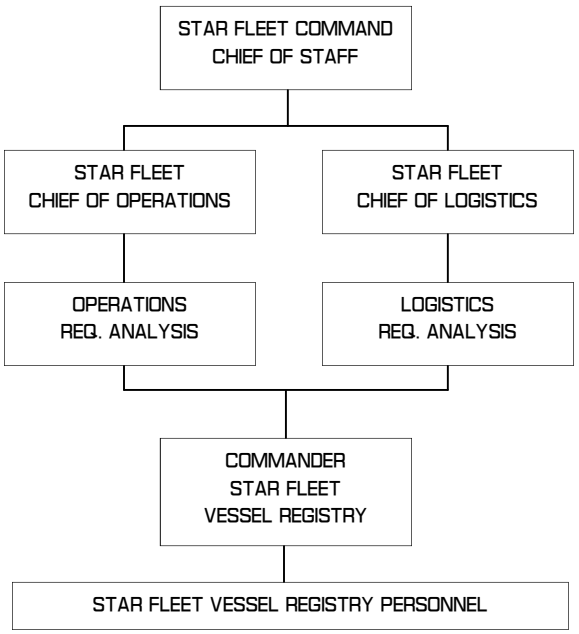
SEE TO THE STANDARDIZATION OF THE SFVR TO INCLUDE ALL SHIPS AND SPACE VESSELS OF FEDERATION MEMBER WORLDS, OF ANY SERVING CAPACITY, FOR THE PURPOSE OF CATALOGING THOSE SHIPS AND THEIR CAPABILITIES.

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.

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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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HEAVY CRUISER CLASS

CONSTITUTION CLASS STARSHIPS

GENERAL INFORMATION

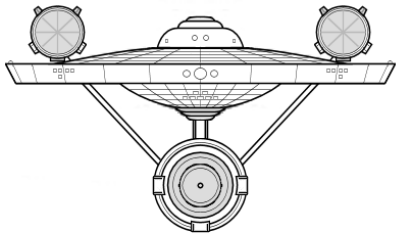
THE *CONSTITUTION* CLASS WAS LAUNCHED IN 2245 AS A 'NEW GENERATION' WORKHORSE TO REPLACE THE AGING *BATON ROUGE* CLASS OF SHIPS. WHERE THE *BATON ROUGE* WOULD REPRESENT THE PINNACLE OF EARTH DESIGN, TECHNICAL INNOVATIONS FROM SEVERAL FEDERATION WORLDS WOULD TAKE THE STEPS LAID DOWN BY THE *BATON ROUGE*,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

IT HAS BEEN SAID THAT THE *CONSTITUTION* CLASS MADE BOTH THE FEDERATION AND STAR FLEET WHAT IT IS TODAY. WHILE THAT MAY BE OVERSTATING THINGS, THERE IS NO DENYING THAT THE VESSELS HAVE HAD A PROFOUND IMPACT. THE FIRST MAIN-LINE SHIP EQUIPPED WITH DILITHIUM FOCUS M/AM WARP DRIVES, SHE COULD EASILY OUTPACE MOST SHIPS SENT AGAINST HER. 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 CABILITIES. 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



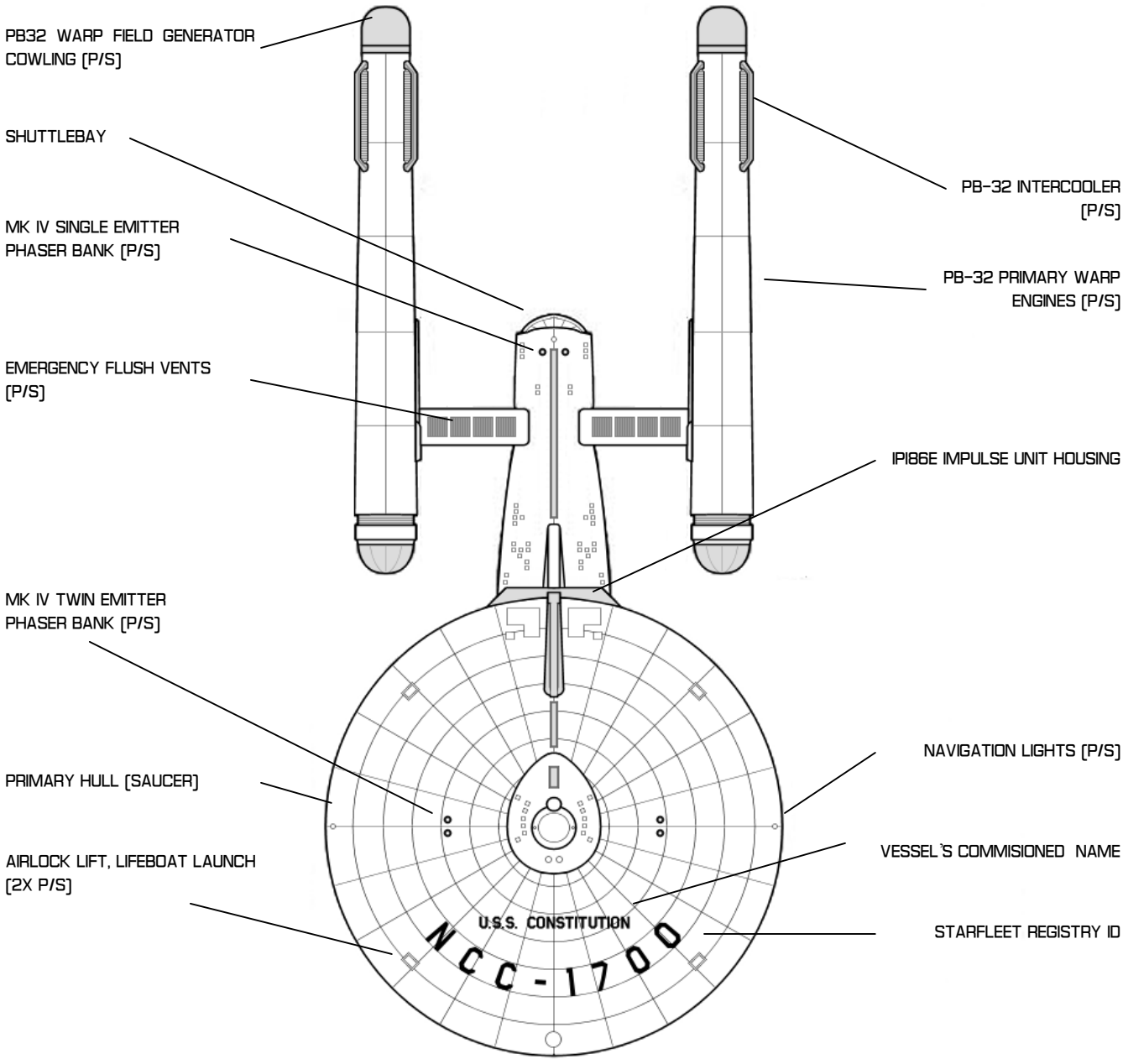
CONSTRUCTION DETAILS

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

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS CONSTITUTION	NCC-1700	CLASS SHIP; REFIT TO CONSTITUTION (REFIT) 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	REFIT TO CONSTITUTION (REFIT) CLASS IN 2271
USS ENTERPRISE	NCC-1701	REFIT TO CONSTITUTION (REFIT) CLASS IN 2271
USS CENTURION	NCC-1702	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (R) CLASS SPEC.
USS HOOD	NCC-1703	INACTIVE/ UNDERGOING RECONSTRUCTION TO CONSTITUTION (R) CLASS SPEC.
USS BISMARK	NCC-1704	DESTROYED
USS EXCALIBUR	NCC-1705	DECOMISSIONED
USS EXETER	NCC-1706	ACTIVE / STARFLEET COMMAND
USS HOOD	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 (R) CLASS SPEC.
USS DEFIANT	NCC-1764	MISSING IN ACTION

HEAVY CRUISER CLASS

CONSTITUTION CLASS STARSHIPS – DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

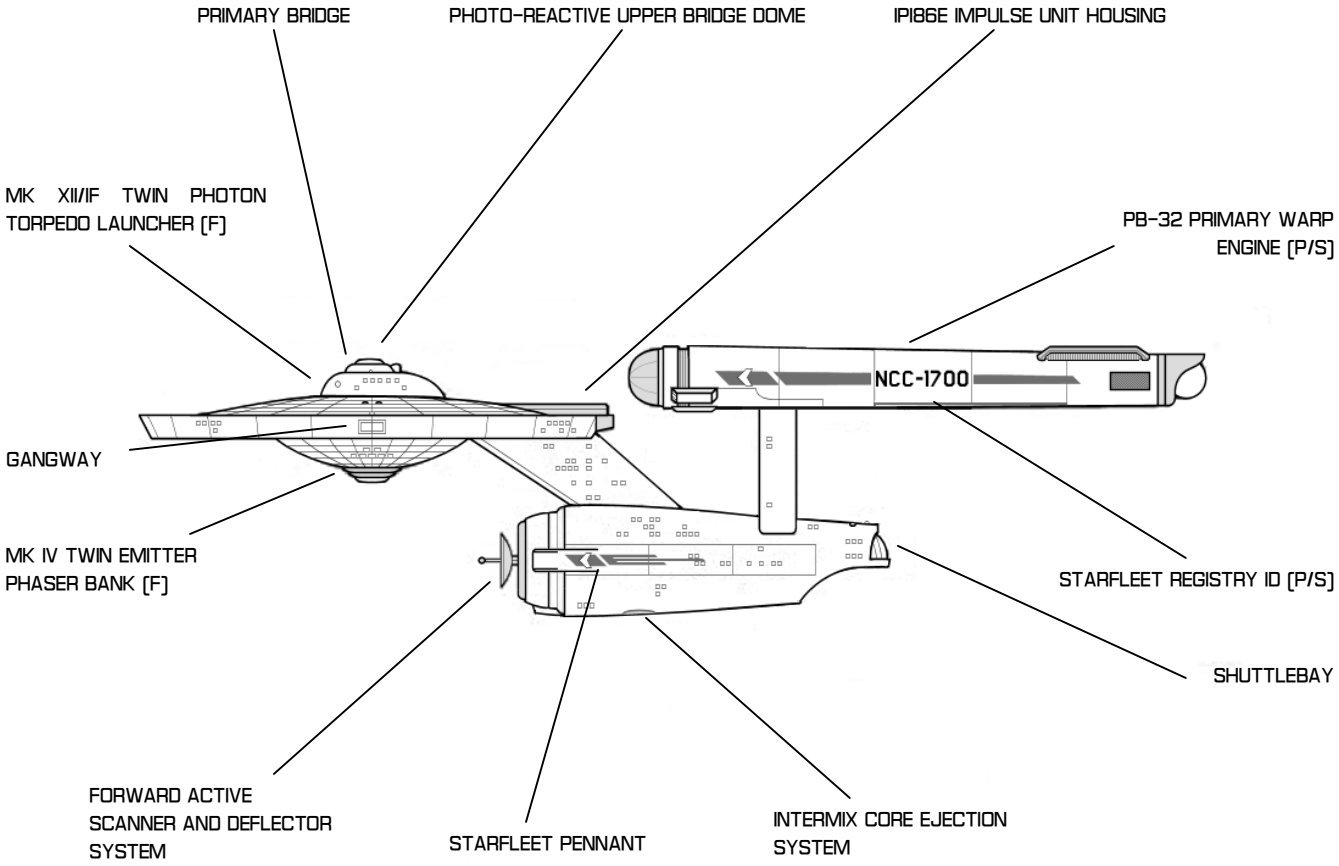
GENERAL PLANS:/RECOGNITION DETAIL
HEAVY CRUSIER [CA] / CONSTITUTION CLASS

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] / CONSTITUION 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	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	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
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, 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

DESTROYER CLASS

SALADIN CLASS STARSHIPS

GENERAL INFORMATION

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

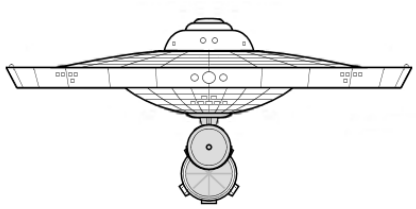
EARLY INTO THE CLASS'S PRODUCTION, HOWEVER, A POTENTIALLY SEVERE PROBLEM BEGAN TO MANIFEST. UNLIKE THE PREVIOUS-GENERATION ENGINES, THE PB-32 USED ON THE *SALADIN* WOULD GENERATE INSTABILITY WHICH COULD LEAD TO ACCIDENTAL WORMHOLE EFFECTS OR STRUCTURAL DAMAGE IF PRESSED NEAR MAXIMUM OUTPUTS.

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

DESPITE THIS SHORTCOMING, THE POWER GENERATED BY THE SB-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 AS A PERFORMER AS HOPED, DUE TO THE INSTABILITY OF THE SINGLE SB-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



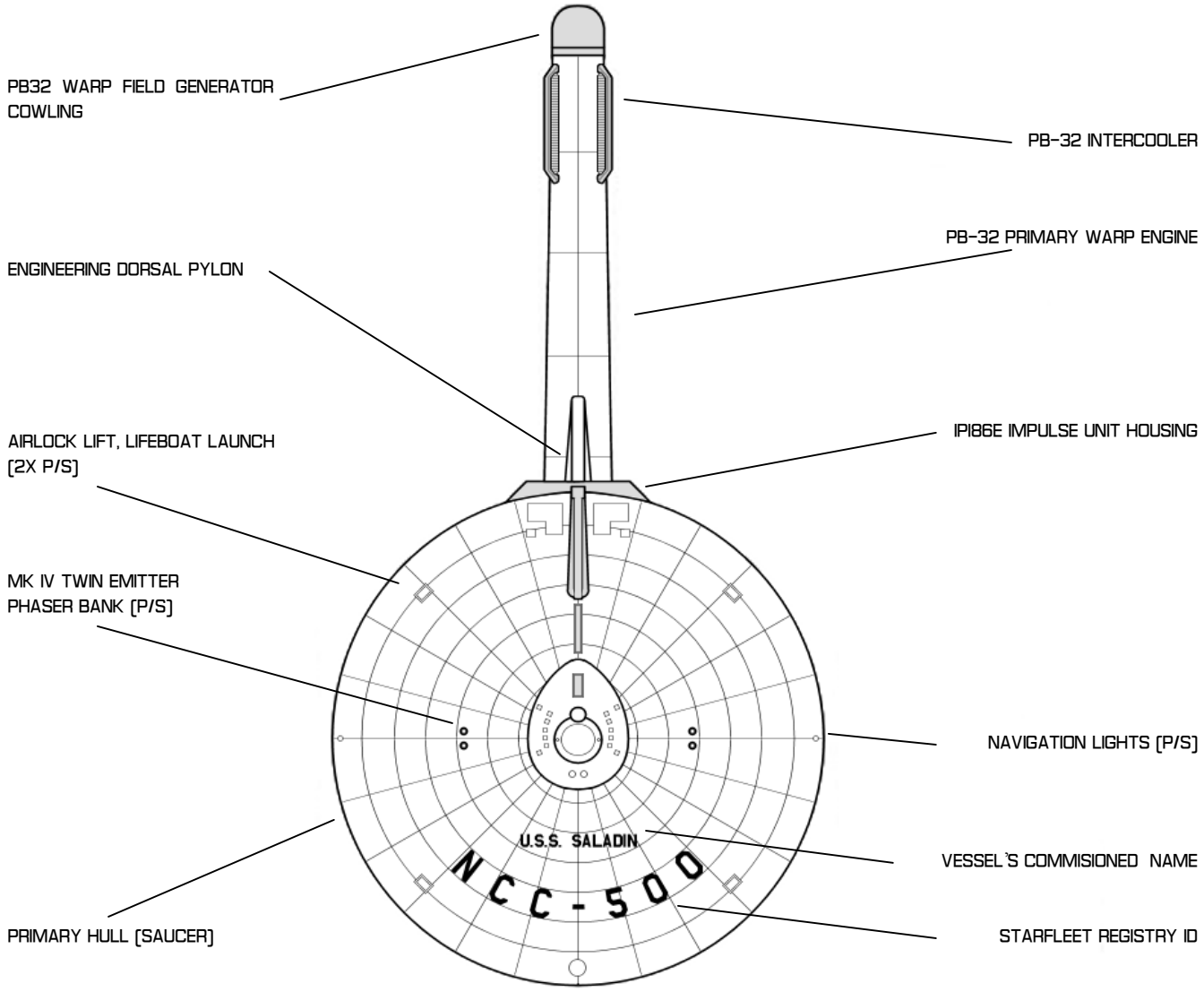
CONSTRUCTION DETAILS

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

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS SALADIN	NCC-500	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	DECOMISSIONED
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 RECONSTRUCTION TO JENGHIZ CLASS SPECIFICATIONS
USS ALARIC	NCC-511	INACTIVE/ UNDERGOING RECONSTRUCTION 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

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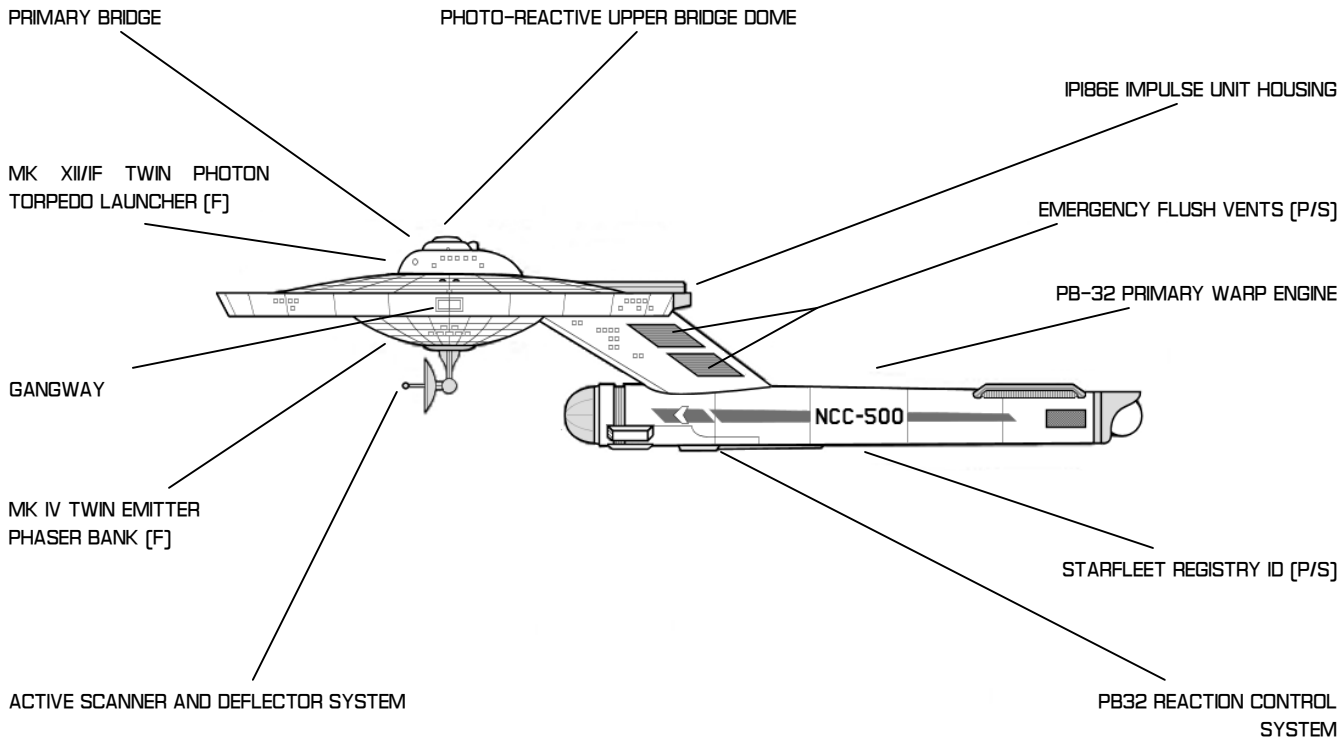
DESTROYER CLASS

SALADIN CLASS STARSHIPS – PORT VIEW



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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 (.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	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, 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

DESTROYER CLASS

POMPEY CLASS STARSHIPS

GENERAL INFORMATION

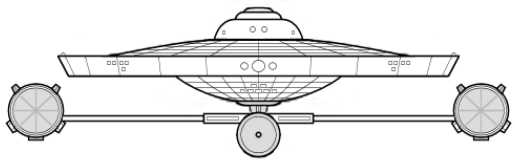
THOUGH THE *SALADIN* CLASS WAS A MAINSTAY OF FEDERATION DEFENSE SINCE ITS LAUNCH IN 2245, THE CLASS WAS NOTORIOUS FOR SOMETIMES-DANGEROUS WARP IMBALANCES BEYOND ITS RATED CRUISING SPEED. THIS WAS DUE TO BALANCE ISSUES OF THE PB-32 ENGINES, WHICH HAVE DIFFICULTY MAINTAINING A STABLE WARP FIELD AT HIGH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

THIS IMBALANCE WAS SEEN AS A CRITICAL ISSUE. THOUGH THE TWO 'SINGLE ENGINE' 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 ORDER 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 SOMEWHAT CLOSE TO THEIR INITIAL BUDGET, RATHER THAN SOAK THE EXPENSE OF AN ENTIRELY NEW CLASS.

IN ADDITION TO THE CORRECTION TO 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



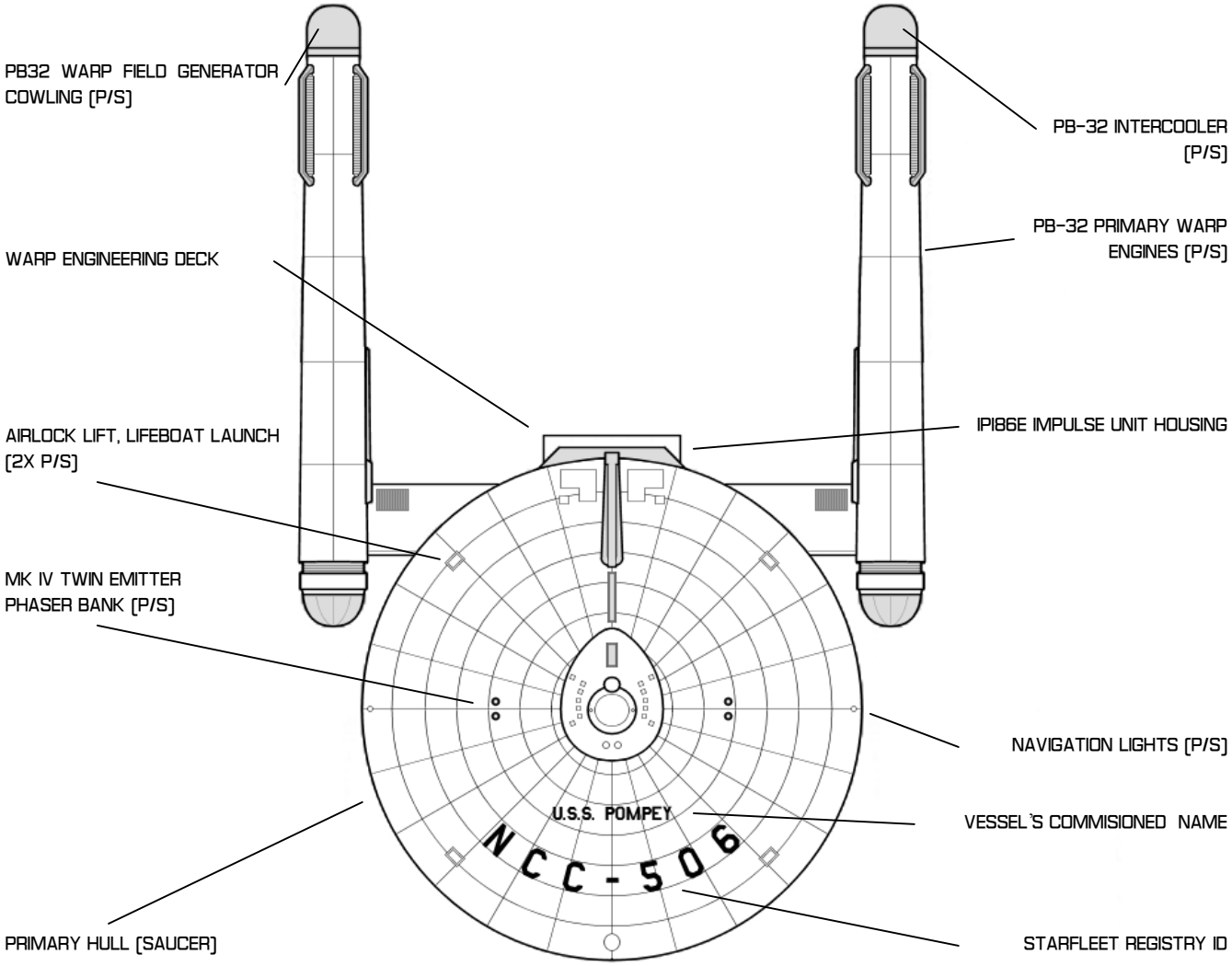
CONSTRUCTION DETAILS

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

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 (JANURARY 2272)
USS POMPEY	NCC-506	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

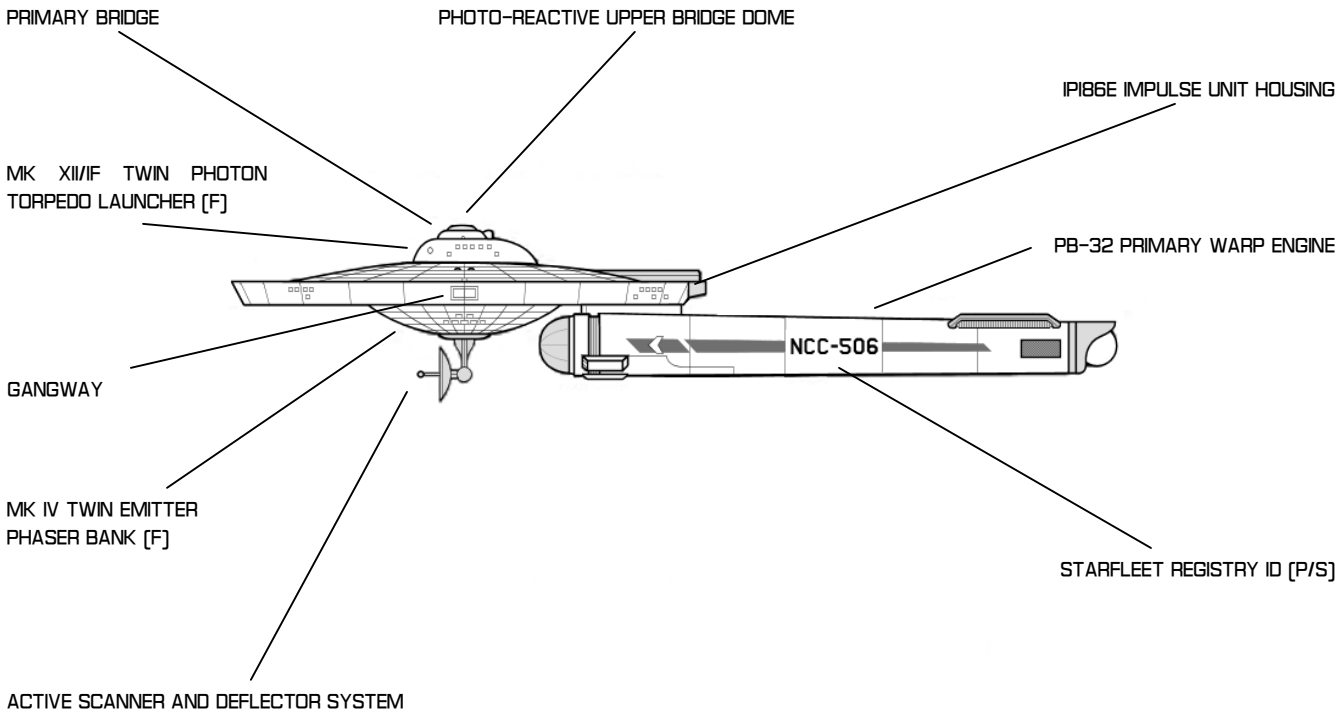
GENERAL PLANS:/RECOGNITION DETAIL
DESTROYER [DD] / POMPEY CLASS

AUTHENTICATION NOTICE

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

DESTROYER CLASS

SALADIN 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	234M
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 (.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	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, 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

COMMAND CRUISER CLASS

BALSON CLASS STARSHIPS

GENERAL INFORMATION

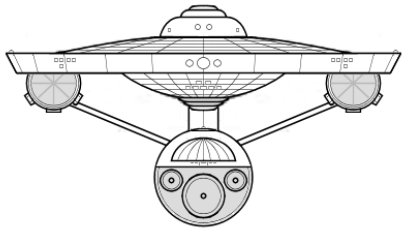
THE *BALSON* CLASS IS ONE OF A HANDFUL OF STARSHIP CLASSES BORN OUT OF THE REDUCTIONS OF THE DREADNOUGHT PROJECT. THIS VESSEL, HOWEVER, WOULD RETAIN MUCH OF THE DREADNOUGHT'S CAPABILITIES, MAKING USE OF THE SECONDARY HULL ASSEMBLY.

THE PRIMARY 'MARK DOWN' FOR THE *BALSON* IS THE REMOVAL OF THE *FEDERATION* CLASS'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, 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 ACCORDINGLINGLY. THE THREE SHIPS OF THE CLASS HAVE BEEN ASSIGNED LARGELY AS 'DETERRENTS' AGAINST KLINGON OR ROMULAN AGGRESSION, AND ARE OFTEN EMPLOYED AS THE CENTERPIECE OF BATTLEGROUPS.

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

BALSON CLASS - BOW VIEW



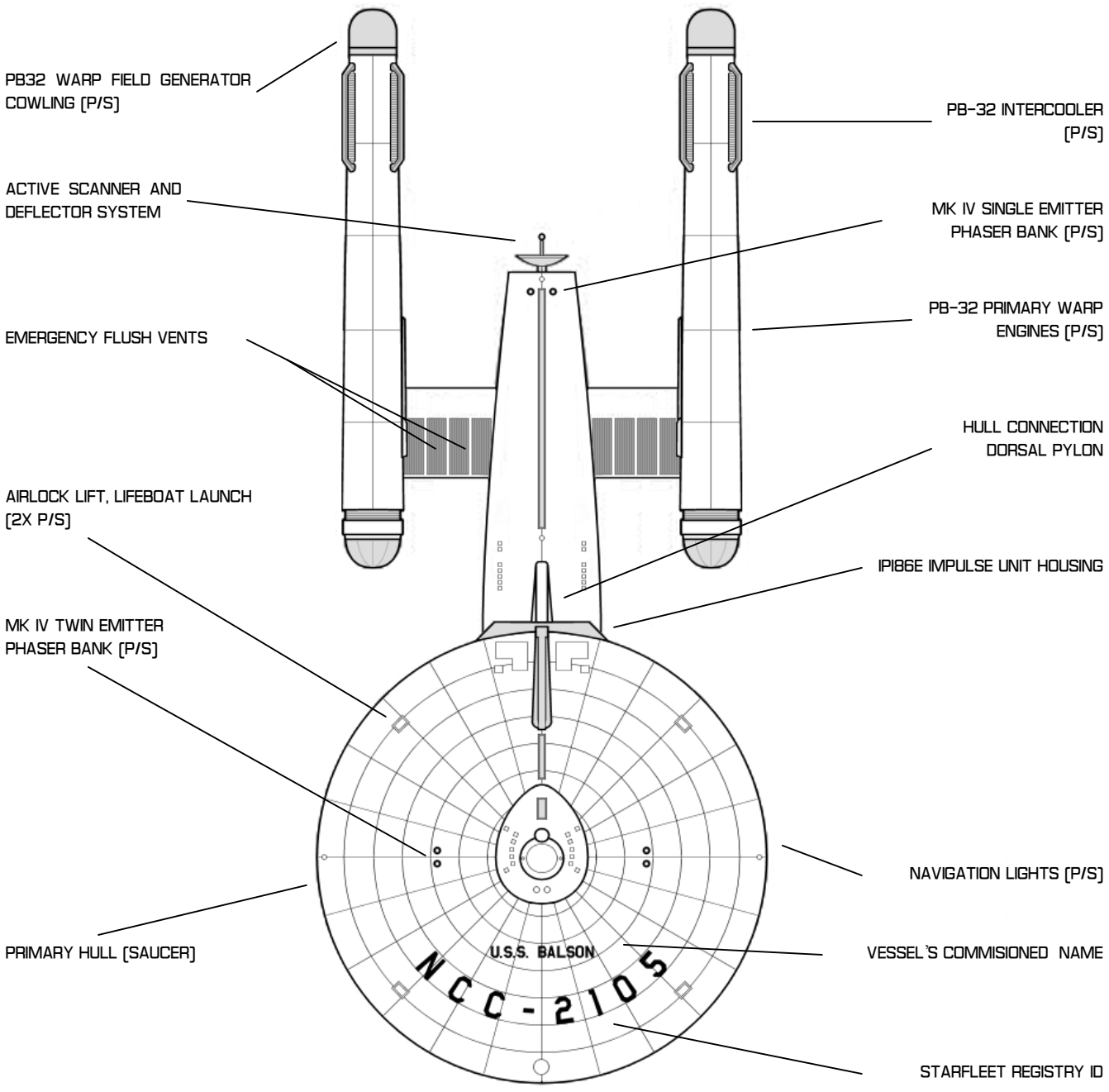
CONSTRUCTION DETAILS

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

VESSEL NAME	REGISTRY	STATUS AS OF SD 7411.3 [JANURARY 2272]
USS BALSON	NCC-2105	INACTIVE/ UNDERGOING RECONSTRUCTION TO BALSON [R] CLASS SPECIFICATIONS
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

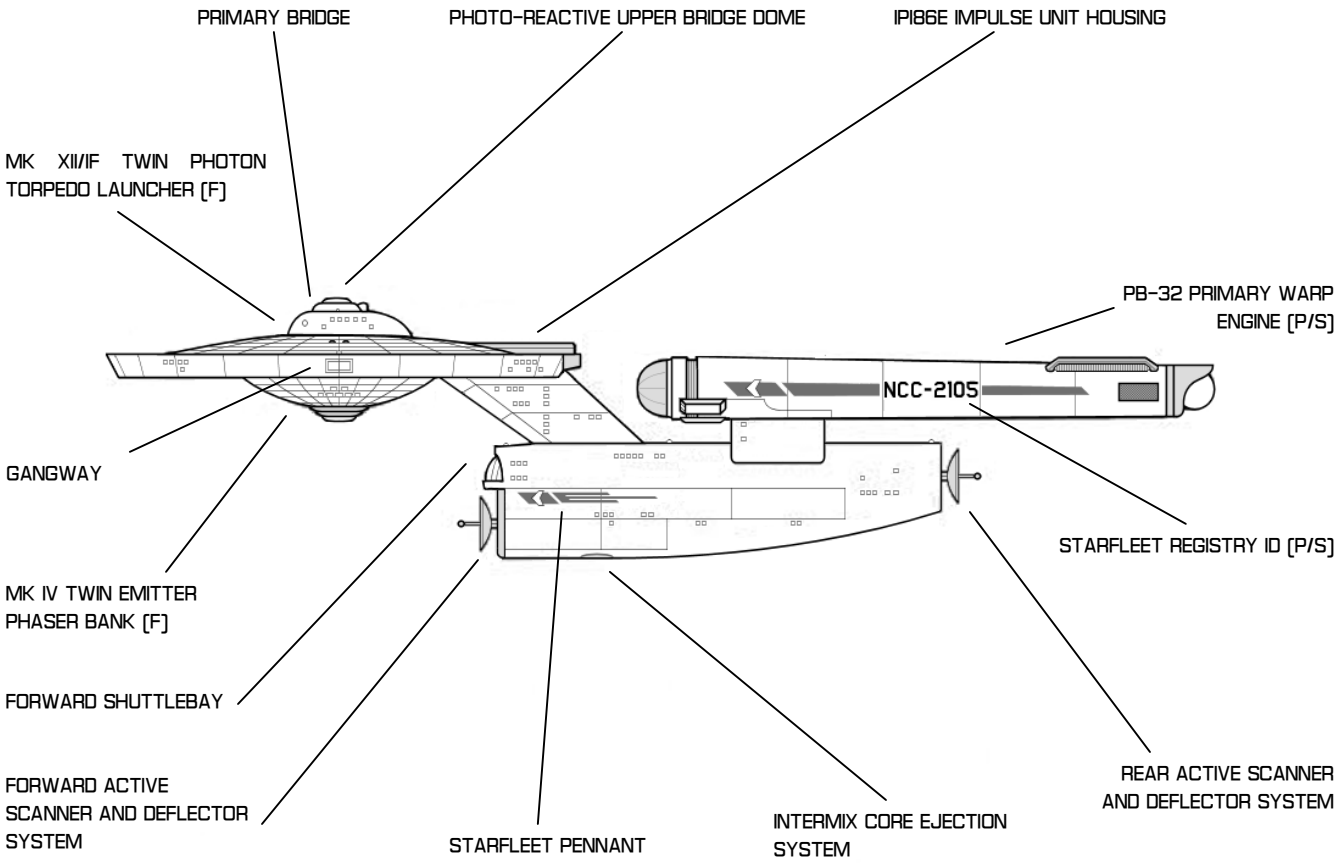
GENERAL PLANS:/RECOGNITION DETAIL
COMMAND CRUISER [CC] / BALSON CLASS

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	302M
BREADTH	127M
HEIGHT	72M

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 (.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 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, 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)
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 FOURTEEN	DORSAL (PYLON)	STORAGE, REAR OBSERVATION DECK
DECK FIFTEEN		FORWARD SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK SIXTEEN		FORWARD SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK SEVENTEEN		FORWARD 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		CREW QUARTERS
DECK TWENTY-THREE		FABRICATION FACILITIES, FOOD STORES, WASTE RETREATMENT
DECK TWENTY-FOUR		STORAGE, CARGO HOLDS
DECK TWENTY-FIVE		STORAGE, CARGO HOLDS, VENTRAL PHASER CONTROL, PHASER BANK (V)

FRIGATE CLASS

LOKNAR CLASS STARSHIPS

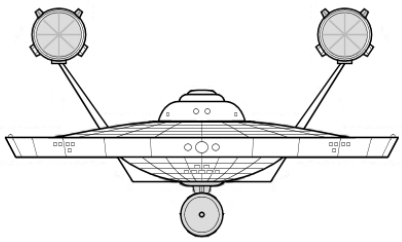
GENERAL INFORMATION

THOUGH TECHNICALLY 'EARTH-BORNE' IN DESIGN, THE *LOKNAR* REPRESENTED THE FIRST FLEET DESIGN PRIMARILY INTENDED FOR USE BY 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



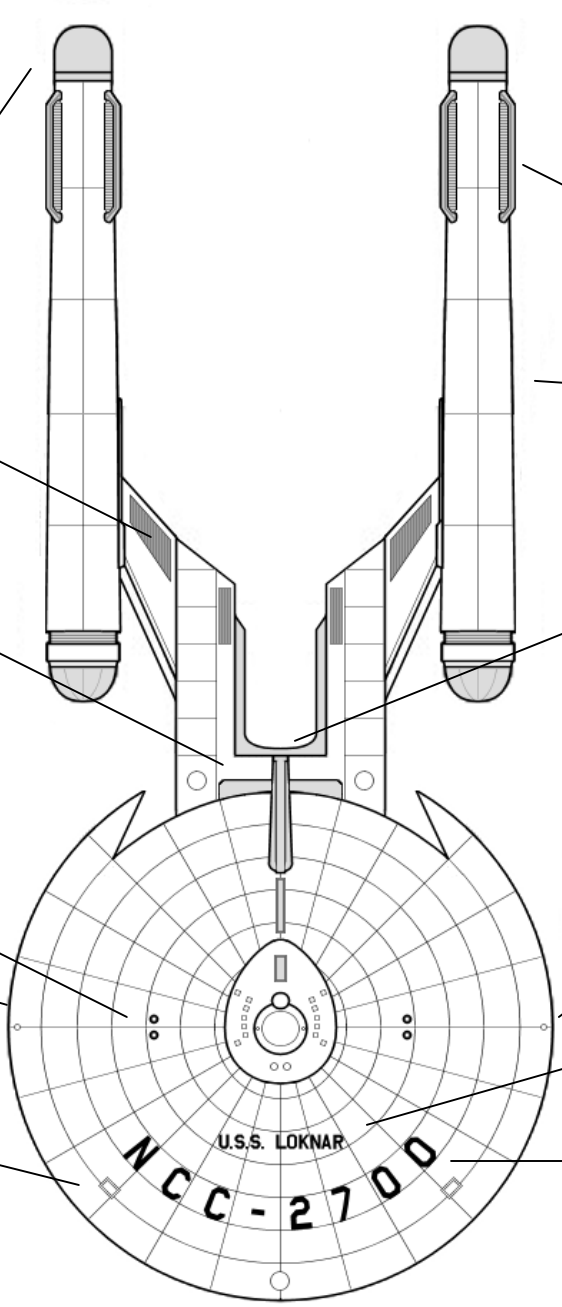
CONSTRUCTION DETAILS

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 (JANUARY 2272)
USS LOKNAR	NCC-2700	UPRATED TO LOKNAR (R) CLASS SPECIFICATIONS (2271)
USS AHKEIL	NCC-2701	UPRATED TO LOKNAR (R) CLASS SPECIFICATIONS (2271)
USS VERNOL	NCC-2702	INACTIVE/ UNDERGOING RECONSTRUCTION TO LOKNAR (R) CLASS SPECIFICATIONS
USS TARNTIS	NCC-2703	INACTIVE/ UNDERGOING RECONSTRUCTION TO LOKNAR (R) CLASS 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



PB32 WARP FIELD GENERATOR COWLING [P/S]

EMERGENCY FLUSH VENTS [P/S]

WARP ENGINEERING DECK

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

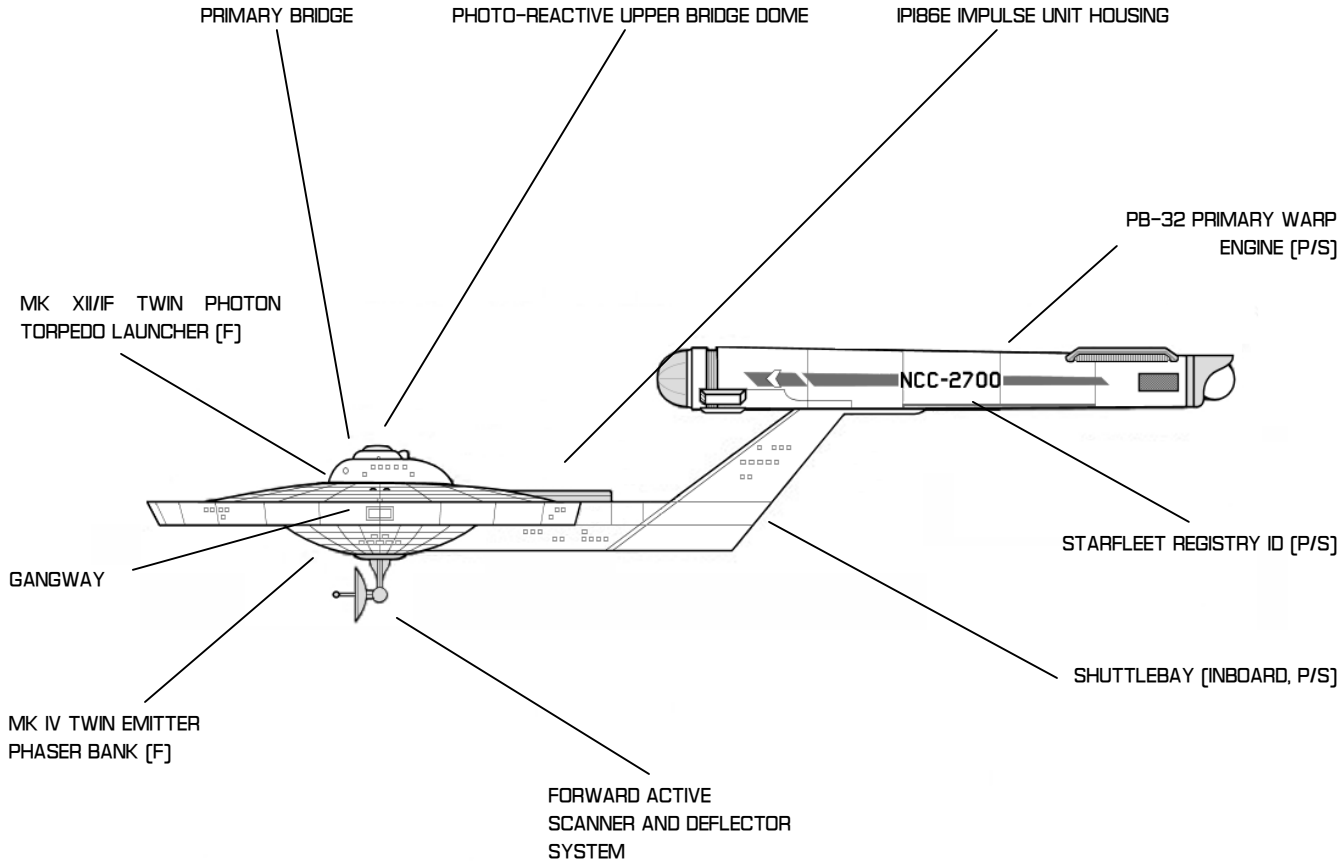
GENERAL PLANS:/RECOGNITION DETAIL
FRIGATE [FF] / LOKNAR CLASS

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	288M
BREADTH	127M
HEIGHT	76M

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

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)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
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

BATTLECRUISER CLASS

KIROV CLASS STARSHIPS

GENERAL INFORMATION

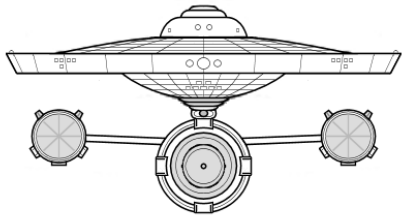
IN THE 2250S, THREATS TO THE FEDERATION WERE INCREASING AND SEEMINGLY EVER-PRESENT. IT WAS BELIEVED BY MANY THAT STAR FLEET NEEDED TO BOLSTER ITS COMBAT CAPABILITIES FAR BEYOND WHAT EARTH HAD MAINTAINED ALONE. UNFORTUNATELY, THE BUDGET FOR THE FLEET WASN'T INCREASED ACCORDINGLY.

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 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



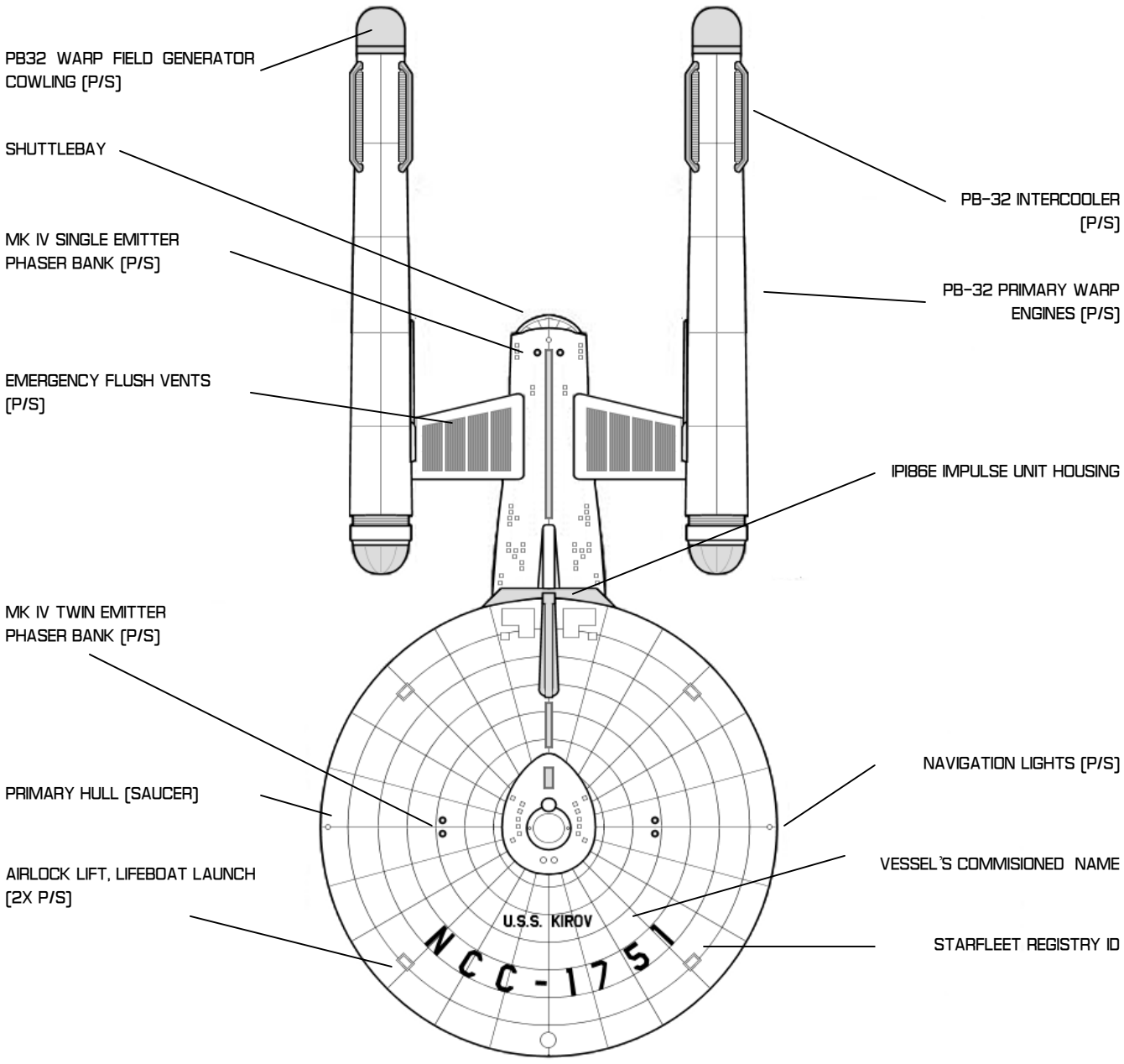
CONSTRUCTION DETAILS

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	ACTIVE / STARFLEET COMMAND
USS AUSTRALIA	NCC-1752	DECOMISSIONED
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

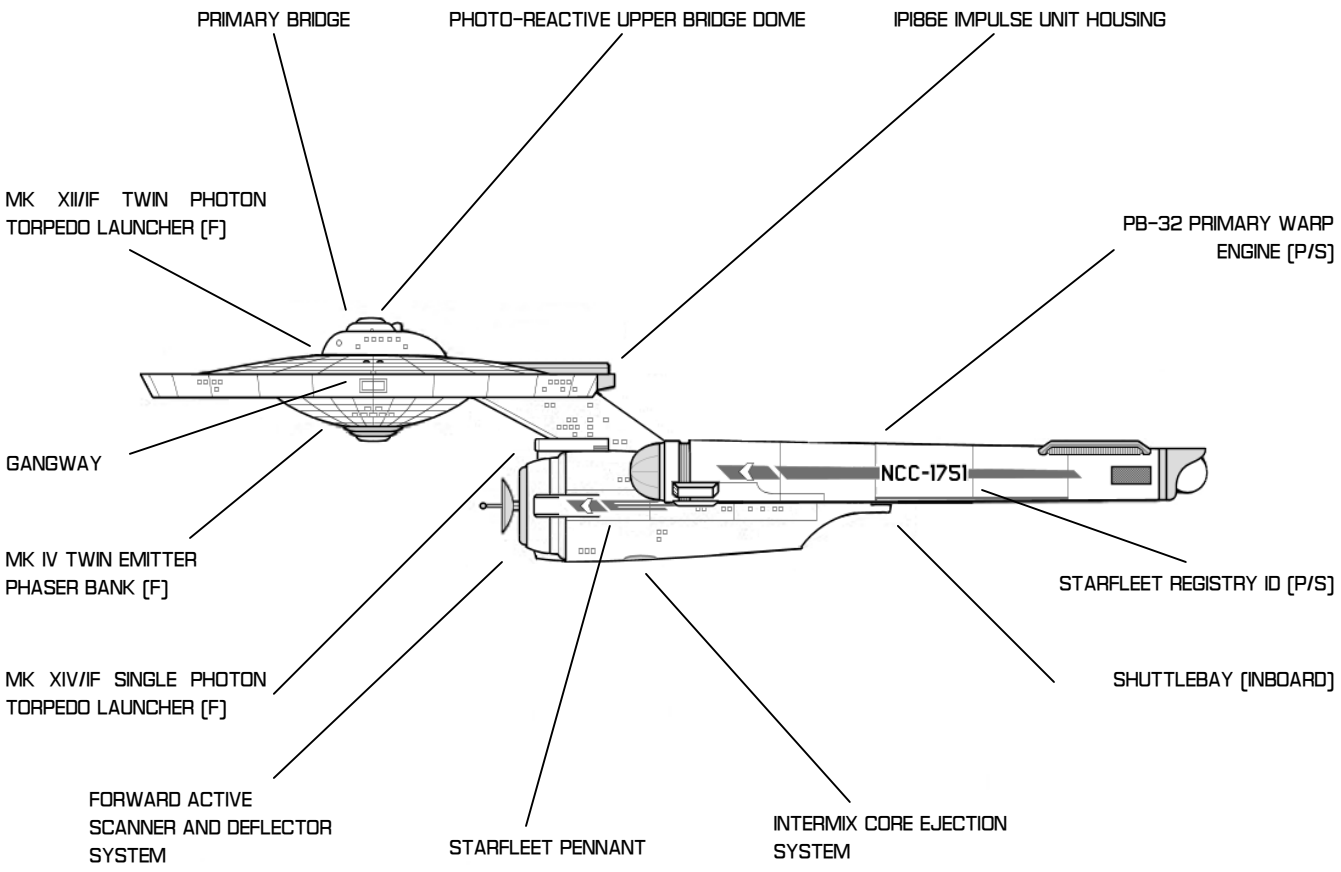
GENERAL PLANS:/RECOGNITION DETAIL
BATTLECRUISER (BC) / KIROV CLASS

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	290M
BREADTH	127M
HEIGHT	67M

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 (.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, 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 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)	AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK TWELVE	DORSAL (PYLON)	MK XIV PRIMARY TORPEDO DECK, TORPEDO STORAGE, INTERIAL CONTROL
DECK THIRTEEN		SHUTTLEBAY, SHUTTLE OBERSAVATION
DECK FOURTEEN		SHUTTLEBAY, MAIN ENGINEERING, PHASER BANK (A)
DECK FIFTEEN		SHUTTLEBAY, MEDICAL SECTION, COMPUTERS
DECK SIXTEEN		SHUTTLE MAINTEINANCE, 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

BEAM EMITTER - MK IV

OFFENSIVE/POINT-DEFENSE STARSHIP WEAPONRY SYSTEM

GENERAL INFORMATION

THE MARK 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 MARK IV IS NOT A DRAMATIC IMPROVEMENT OVER THE MARK III [WHICH IS 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 MARK 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 REPLACEMENT TO THE MK IV STYLE STARTING IN 2264 AS EACH VESSEL IS OVERHAULED. THE PROCESS WAS EFFECTIVE 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, MKIV
SYSTEM COMMISION	MARCH 2263, SD 2232
SYSTEM FUNCTION	PRIMARY OFFENSIVE WEAPONRY SECONDARY POINT DEFENSE

SYSTEM SPECIFICS

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

PERFORMANCE INFORMATION

POWER FEED	FH-3 HOUSING [IMPULSE POWER CHANNEL]
YIELD [APPROX MAX]	3.2 MT TNT 8.0 MT TNT [BANK]
RANGE [APPROX MAX EFFECTIVE]	250,000KM
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:

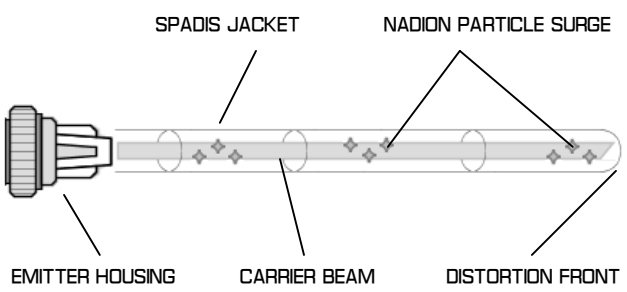
SPADIS SYSTEM
THE SPADIS [SPACIAL DISORTION] SYSTEM IS EMPLOYED TO BOTH STRIKE AT TARGETS AT GREAT DISTANCE, AND TO ALLOW FOR THE USE OF PHASERS AT WARP SPEED, USING A SYSTEM SIMILAR TO SUBSPACE RADIO. THOUGH THE SYSTEM REQUIRES A DRAMATICALLY HIGHER POWER CURVE THAN OLDER WEAPONS SYTEMS, ITS BENEFITS 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 EM FIELD GENERATED BY SHIPBOARD PHASERS CAN BE USED TO INVOKE BOTH A NEUROLOGICAL 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 200KM MAX EFFECTIVE.

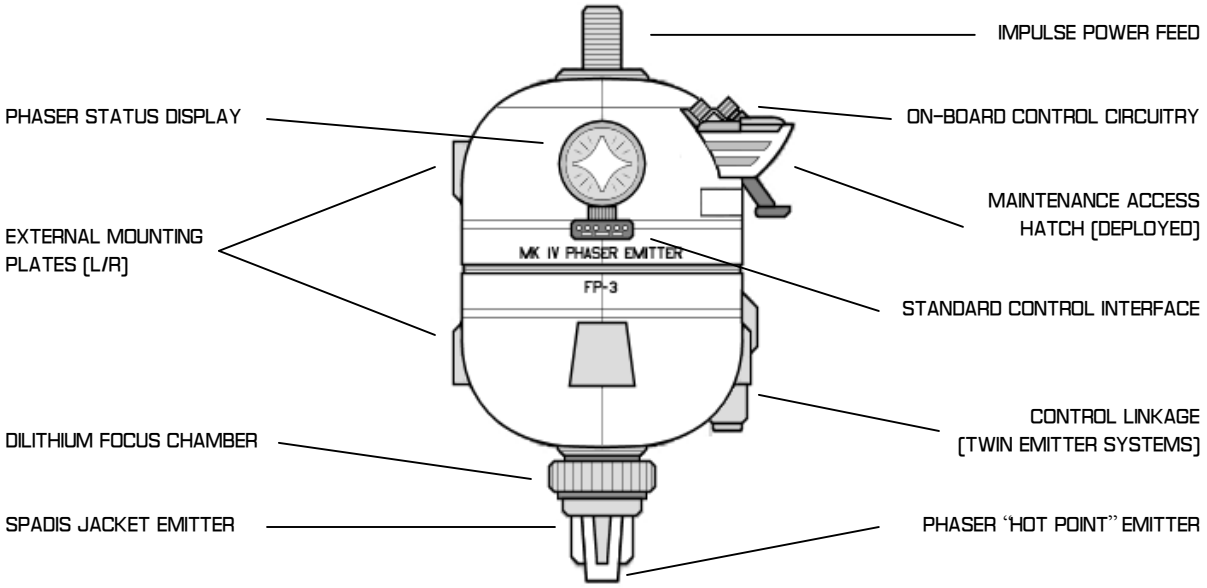
PROXIMITY FUSE
PHASERS CAN BE SET TO 'EXPLODE' THEIR YIELD AT LONG DISTANCE BY DISRUPTING THE SPADIS FIELD AT THE DESIGNATED RANGE. THE YIELD FOR THIS EFFECT IS TREMENDOUSLY REDUCED, THOUGH THE AREA OF EFFECT OF THE WEAPON CAN SPREAD UP TO 5KM FROM ITS CENTER, DEPENDING ON THE DISTANCE INVOLVED TO TARGET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

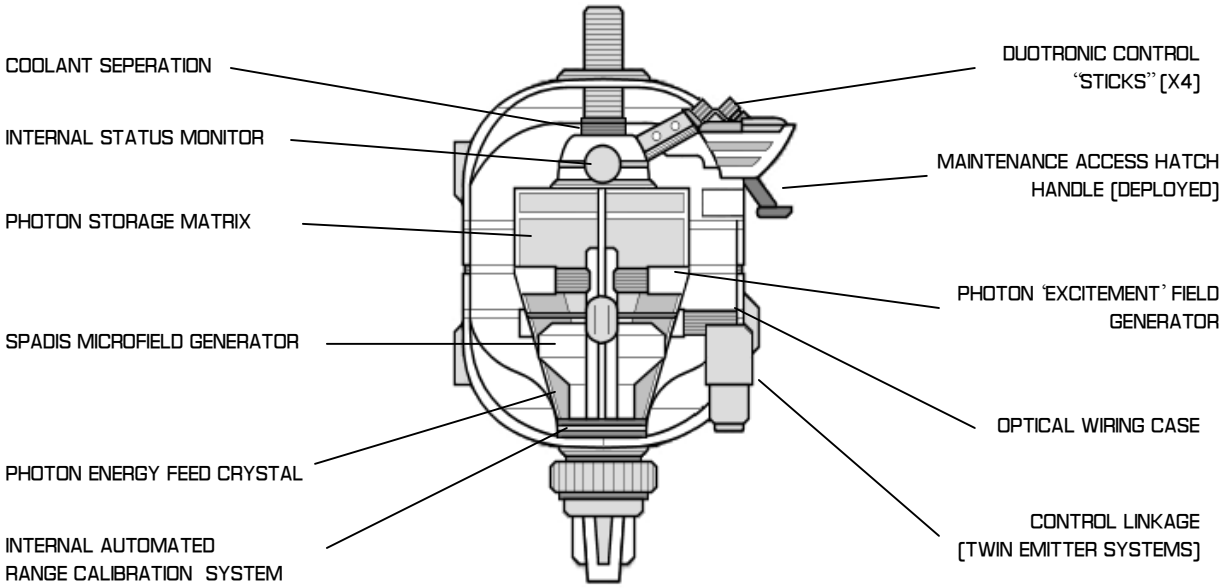
PHASER EMISSION ILLUSTRATION



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