

04

JAYNZ SHIPS OF STAR FLEET

TERRANLGO LANGUAGE EDITION



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SECURITY LEVEL TWO

UNITED FEDERATION OF PLANETS STAR FLEET DIVISION



JAYNZ' GUIDE FEDERATION STARFLEET SERIES

RS: 480372-4

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TERRANGLO LANGUAGE EDITION

UPDATED AND APPROVED FOR TERRAN YEAR 2272



JAYNZ

FEDERATION STAR FLEET SERIES COMPILATION - 004

JAYNZ' GUIDE SERIES

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TRANSPORT CLASS

OSMANIEH CLASS STARSHIPS

GENERAL INFORMATION

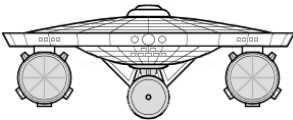
SINCE THE EARLY CLASSIFIED SPACEFLIGHT PROJECTS OF THE 1990 AND WELL INTO THE LATE 2100S, THE OY SERIES OF TRANSPORTS HAVE BEEN A MAINSTAY FOR EARTH'S STAR-FARING EFFORTS. A SIDE EFFECT OF THIS HAS BEEN THE HEAVY RELIANCE ON THE OY SERIES OF TRANSPORT PODS ON MUCH OF EARTH'S FLEET, EVEN WELL AFTER THE OY 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 OY PODS TO COMPLETELY DITCH THEM. A TRANSITION CARRIER SHIP WAS NEEDED, AND THE *OSMANIEH* WOULD BE CALLED IN TO SERVE.

THE *OSMANIEH* 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 RESPONSIBLE FOR TRADE AND TRANSIT CONSIDER THE CLASS A GOD-SEND, ALLOWING THE STILL MANUFACTURED OY 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 TRANSITIONING AWAY FROM THE OY PODS, IT SEEMS THAT THE *OSMANIEH* SIMPLY PROLONGED THEIR USE FOR ANOTHER GENERATION.

OSMANIEH CLASS - BOW VIEW



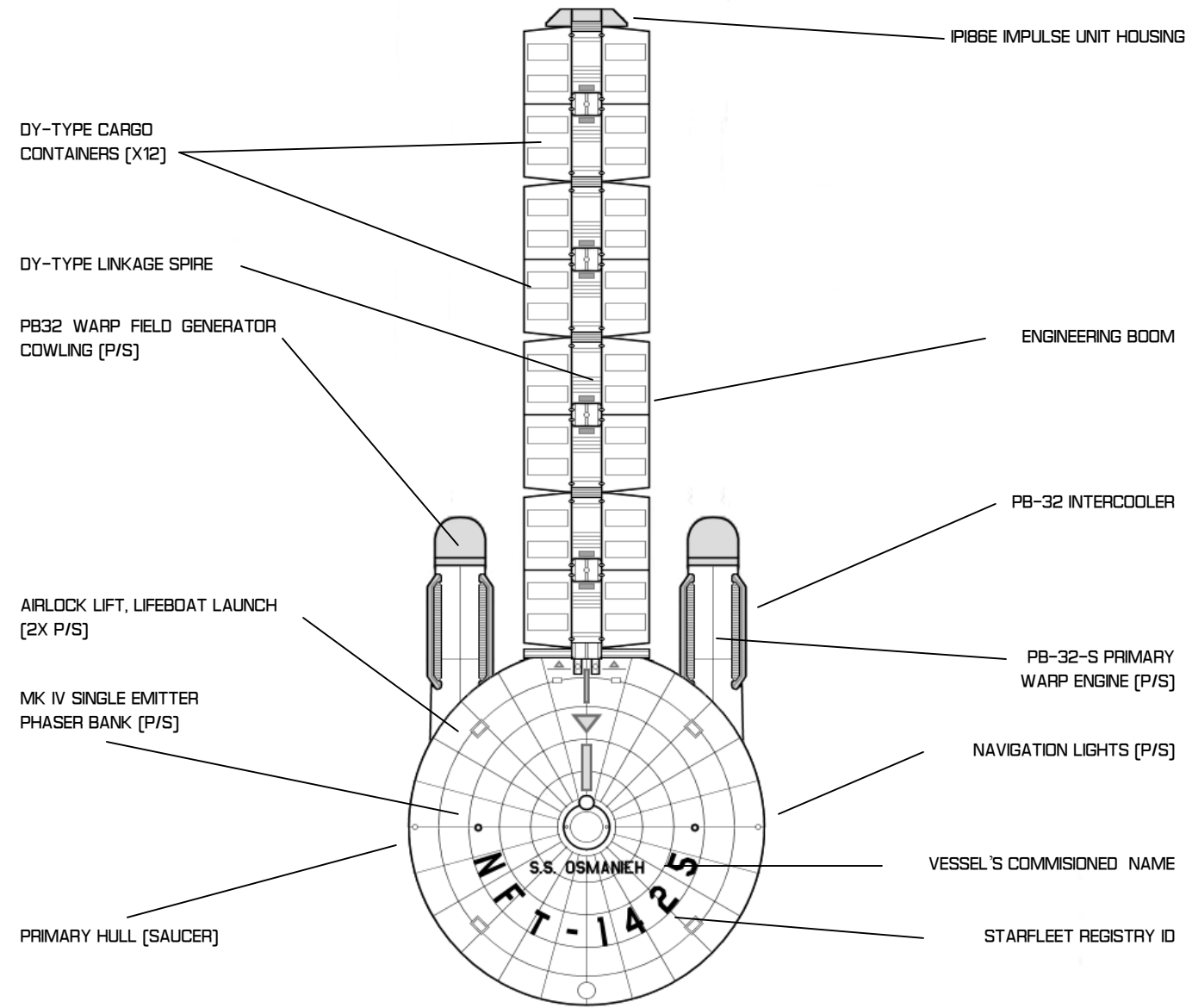
CONSTRUCTION DETAILS

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 OSMANIEH	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 MUJIN-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

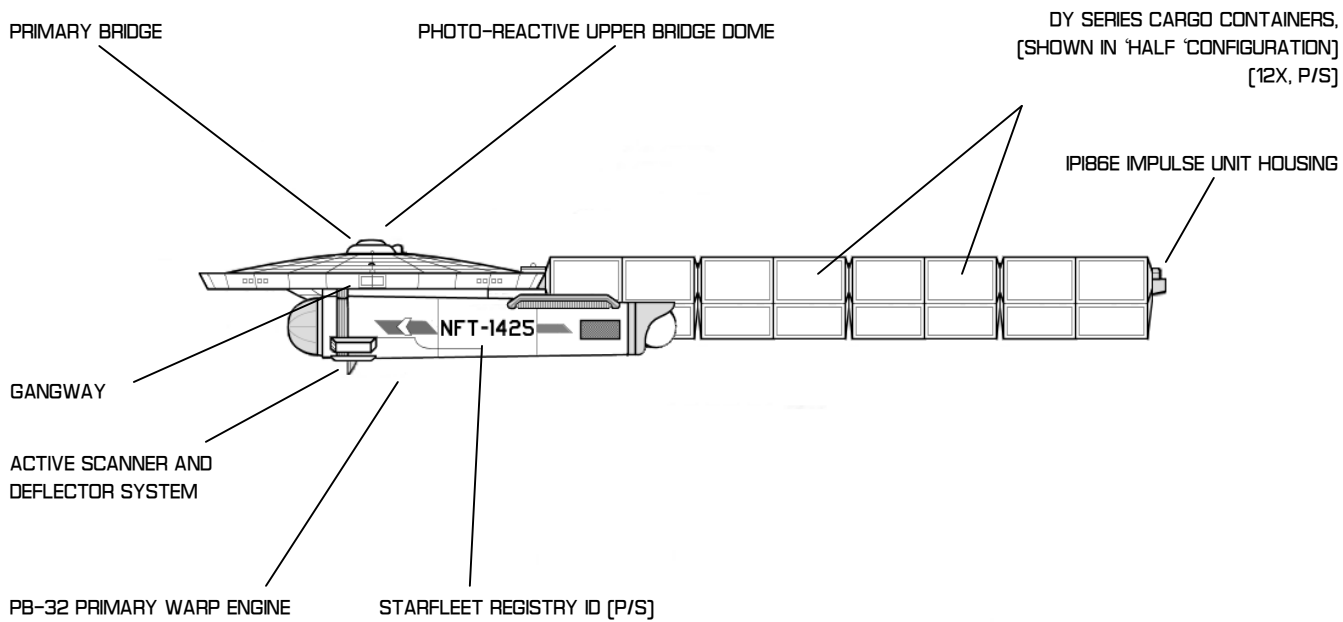
AUTHENTICATION NOTICE

CHIEF OF DESIGN
AUTHENTICATION APPROVAL
VERSION RELEASE

NEALE DAVIDSON
SD 240155
SD 741127

TRANSPORT CLASS

OSMANIEH CLASS STARSHIPS—DORSAL VIEW



UNITED FEDERATION OF PLANETS

STAR FLEET DIVISION

GENERAL PLANS/RECOGNITION DETAIL

TRANSPORT [TOY] / OSMANIEH CLASS

AUTHENTICATION NOTICE

CHIEF OF DESIGN

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VERSION RELEASE

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SD 7411.27



TRANSPORT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	12	TYPE H TRAVEL POD	2
CREW	60	SECONDARY SYSTEMS	
DIMENSIONS		MAIN COMPUTER	DUOTRONIC MK II CU
DEADWEIGHT TONNAGE	130,000 MT	ACTIVE SCANNER SUITE	MK III LX SENSORY SYSTEM
LENGTH	265 M	PASSIVE SENSOR SUITE	MK III SENSORY SYSTEM
BREADTH	95 M	TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
HEIGHT	37 M	LIFE SUPPORT	MK IV CT-3 SUITE
ARMAMENTS		MISSION PROFILE	
PHASERS	MK IV SINGLE EMITTER [P, S, A]	MISSION TYPE	TRANSPORT, TOY [DY]
PHOTON TORPEDOES	NONE	MAXIMUM OPERATING RANGE	9 YEARS AT LYV
DEFENSE DEFLECTOR SHIELD	PFF2A		
PASSIVE DEFLECTOR	MK VII/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]		

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

SCOUT CLASS

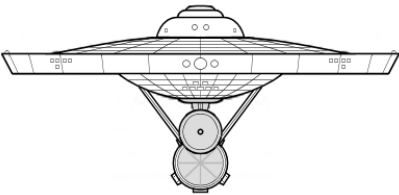
NELSON CLASS STARSHIPS

GENERAL INFORMATION

THE *NELSON* CLASS WAS AN OBVIOUS VARIANT AND REWORK-
ING OF THE *HERMES* CLASS SCOUT, SOMEWHAT OVERCOMING
SOME OF ITS WEAKNESSES TO SERVE AS A BORDER OBSERVA-
TION 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 DEVI-
VICES 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 OVER-
ALL MORE SURVIVABLE IN CASE TROUBLE DID ARISE.

HERMES CLASS - BOW VIEW



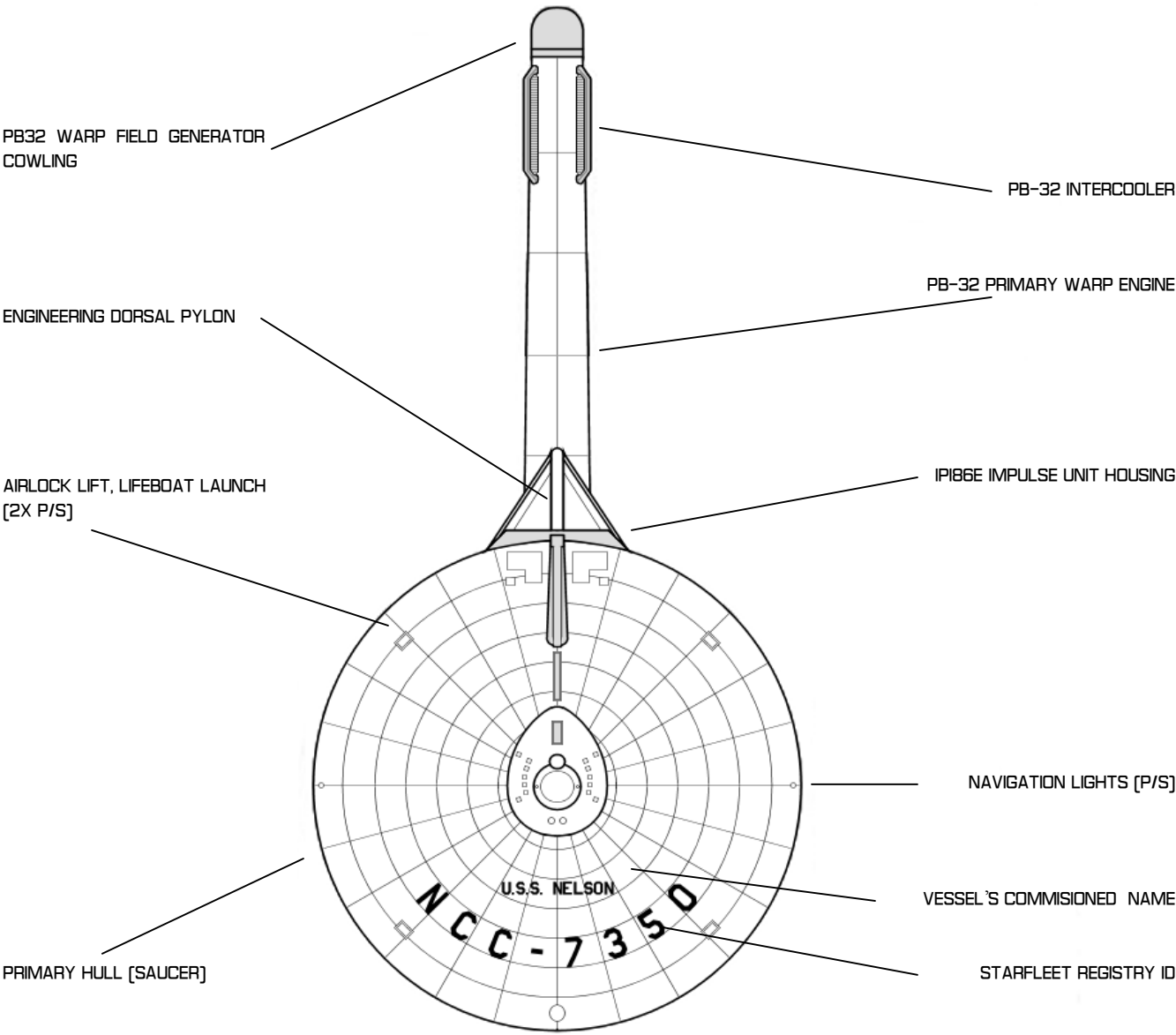
CONSTRUCTION DETAILS

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 [JANUARY 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	DECOMMISSIONED
USS MANZER	NCC-7353	DESTROYED
USS WEBLO	NCC-7354	ACTIVE / STARFLEET COMMAND
USS NOSTROMO	NCC-7355	ACTIVE / STARFLEET COMMAND
USS EAGLE	NCC-7356	DECOMMISSIONED
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

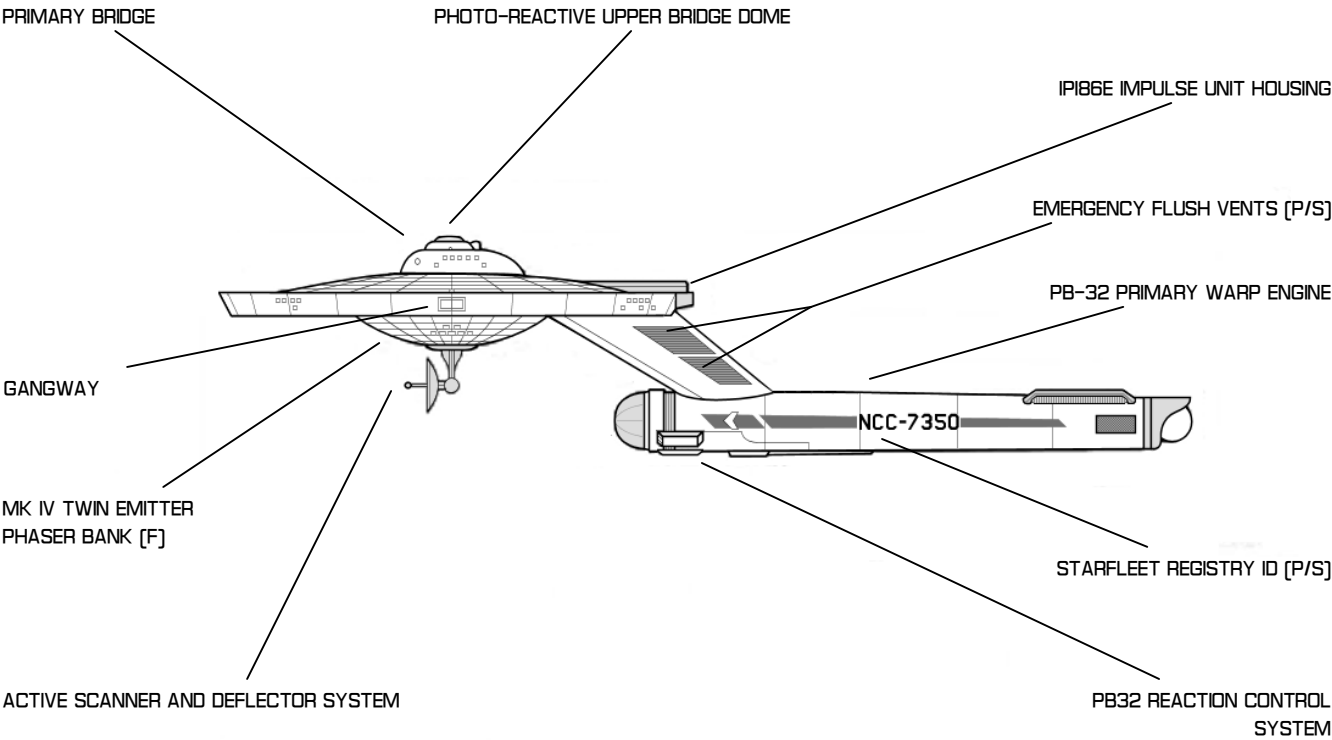
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SCOUT CLASS

NELSON CLASS STARSHIPS - PORT VIEW



UNITED FEDERATION OF PLANETS

STAR FLEET DIVISION

GENERAL PLANS/RECOGNITION DETAIL

SCOUT (SC) / NELSON CLASS

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SD 240155

SD 7411.27



SCOUT CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	20	TYPE H TRAVEL POD	2
CREW	180	SECONDARY SYSTEMS	
DIMENSIONS		MAIN COMPUTER	DUOTRONIC MK II CU
DEADWEIGHT TONNAGE	105,000 MT	ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
LENGTH	265 M	PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
BREADTH	127 M	TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
HEIGHT	61 M	LIFE SUPPORT	MK IV CT-3 SUITE
ARMAMENTS		MISSION PROFILE	
PHASERS	MK IV TWIN EMITTER [F.]	MISSION TYPE	SURVEY, SCOUT, SC
PHOTON TORPEDOES	NONE	MAXIMUM OPERATING RANGE	9 YEARS AT LYV
DEFENSE DEFLECTOR SHIELD	PFF2A		
PASSIVE DEFLECTOR	MK VII/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	IP186E [.75C]		
RCS SYSTEM	CCR45C [500KPM]		

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD [SAUCER] FORWARD [SAUCER] FORWARD [SAUCER] FORWARD [SAUCER]	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		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

DETROYAT [UPRATED] CLASS STARSHIPS

GENERAL INFORMATION

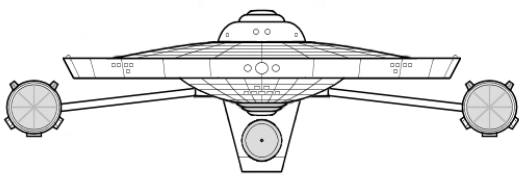
THE *DETROYAT* WAS ONE OF A SMALL NUMBER OF *BATON ROUGE* CLASSES CHOSEN FOR FULL UPRATING WHEN THE COMPONENTS OF THE *CONSTITUTION* CLASS WERE MADE AVAILABLE IN 2245.

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



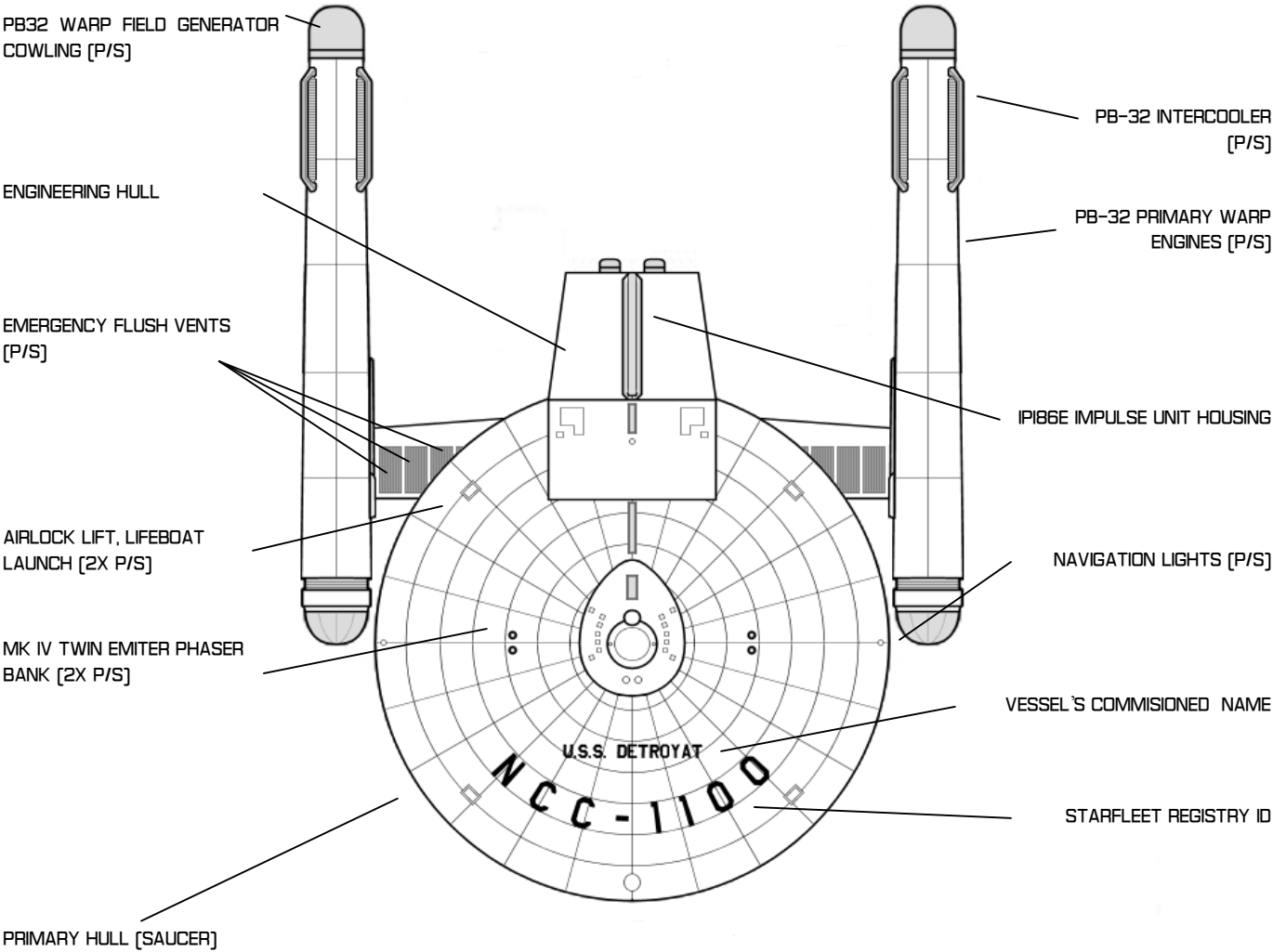
CONSTRUCTION DETAILS

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 [JANUARY 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 NIAN TIC	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 KUTAI SI	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

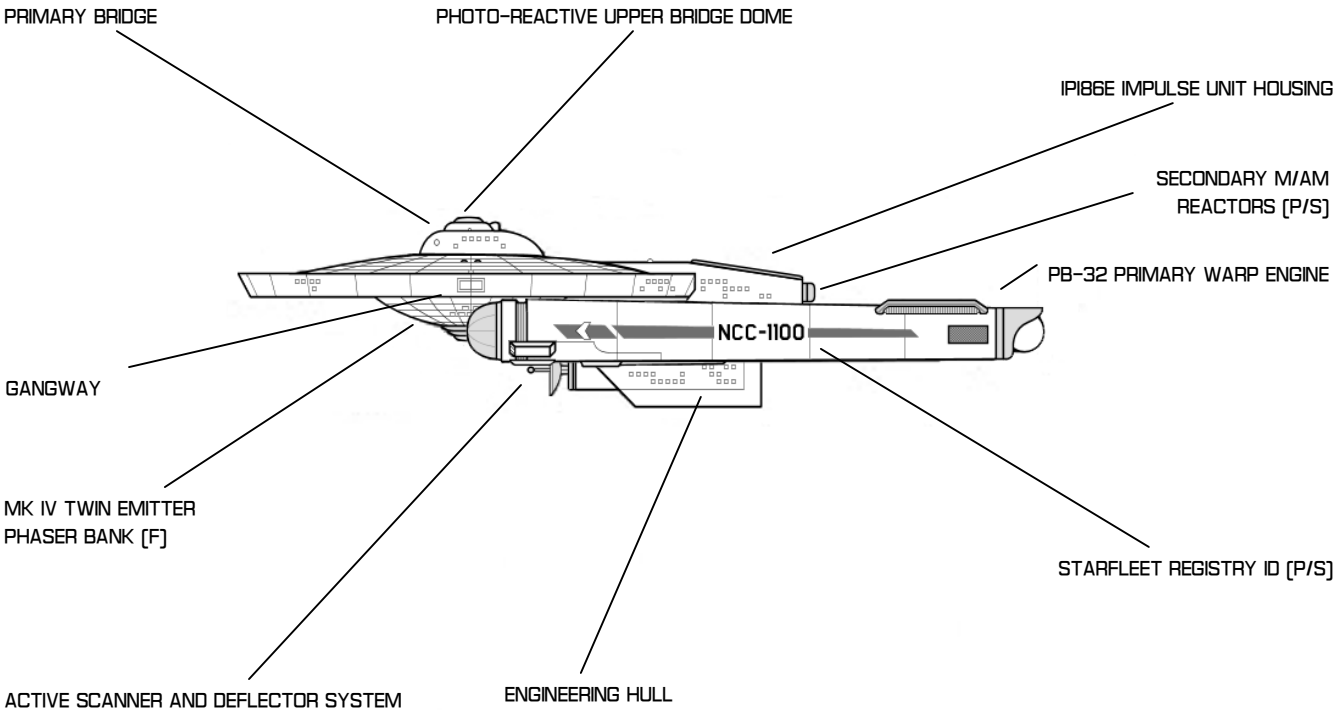


UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION
GENERAL PLANS/RECOGNITION DETAIL
HVY DESTROYER [DA] / DETROYAT CLASS

AUTHENTICATION NOTICE
CHIEF OF DESIGN TODD GUENTHER
AUTHENTICATION APPROVAL SD 240155
VERSION RELEASE SD 741127

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

AUTHENTICATION APPROVAL

VERSION RELEASE

TODD GUENTHER

SD 240155

SD 7411.27



HEAVY DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	30	TYPE H TRAVEL POD	2
CREW	240	TYPE F SHUTTLECRAFT	4
DIMENSIONS		SECONDARY SYSTEMS	
DEADWEIGHT TONNAGE	165,000 MT	MAIN COMPUTER	DUOTRONIC MK II CU
LENGTH	221M	ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
BREADTH	163M	PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
HEIGHT	53M	TRANSPORTERS	2 STD / 2 EVAC / 2 CARGO
ARMAMENTS		LIFE SUPPORT	MK IV CT-3 SUITE
PHASERS	MK IV TWIN EMITTER [F, F/P, F/S]	MISSION PROFILE	
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER [F]	MISSION TYPE	SURVEY, SCOUT, SC
DEFENSE DEFLECTOR SHIELD	PFF2A	MAXIMUM OPERATING RANGE	9 YEARS AT LYV
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	IP186E [.75C]		
RCS SYSTEM	CCR45C [500KPM]		

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

SURVEYOR CLASS

DONOVAN CLASS STARSHIPS

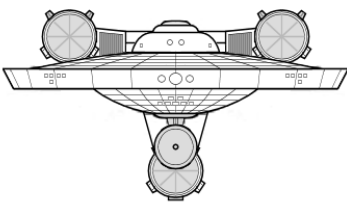
GENERAL INFORMATION

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 EQUIPMENT WITHIN TO ALLOW FOR AN EXPLORATION AND SCIENTIFIC ROLE, RATHER THAN ONE FOR A WARSHIP.

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 SHIPS 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 SUPERCEDED BY THE UPCOMING *OBERTH* CLASS OF SCOUT SHIPS.

DONOVAN CLASS - BOW VIEW



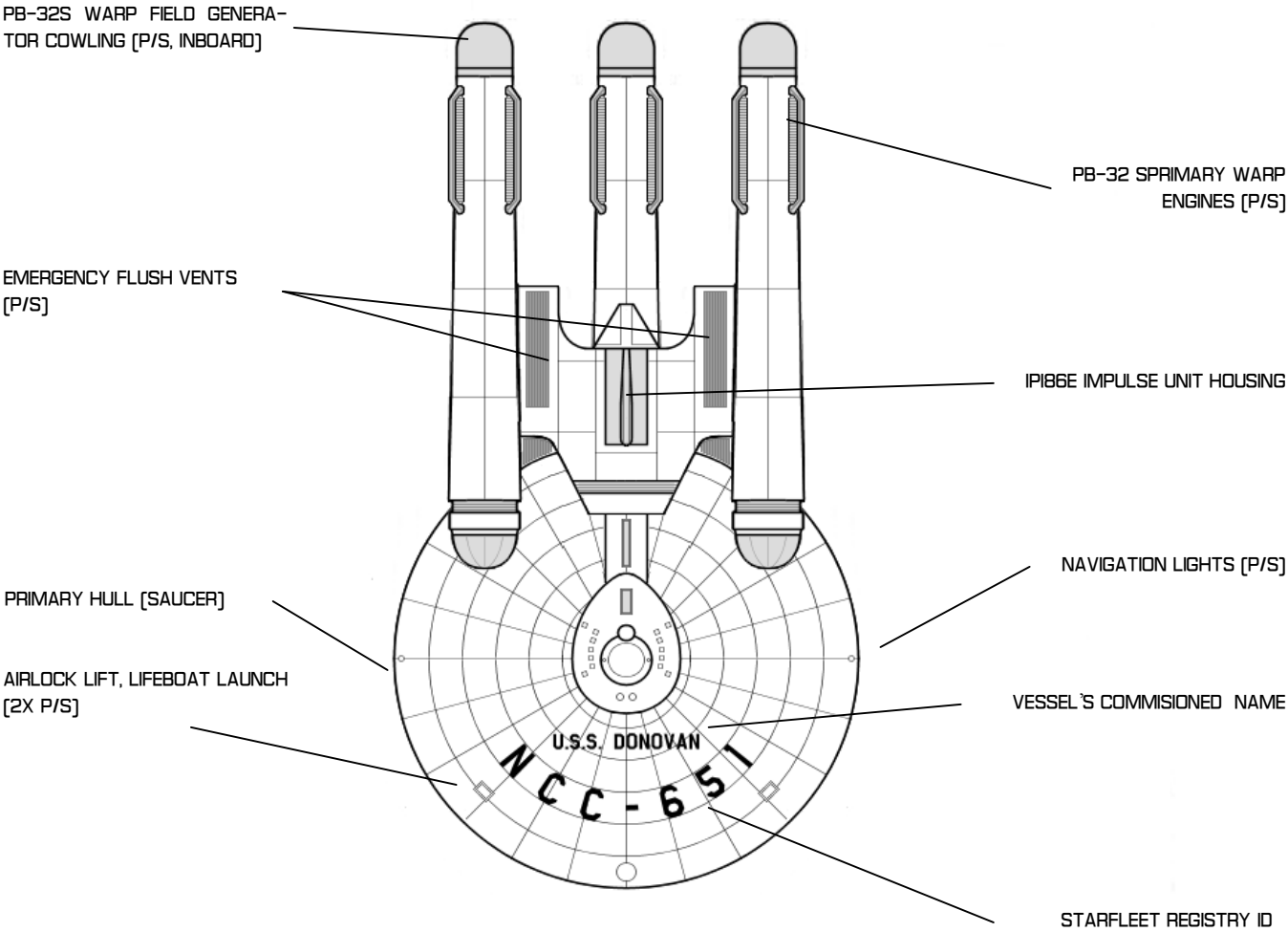
CONSTRUCTION DETAILS

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 [JANUARY 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



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

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

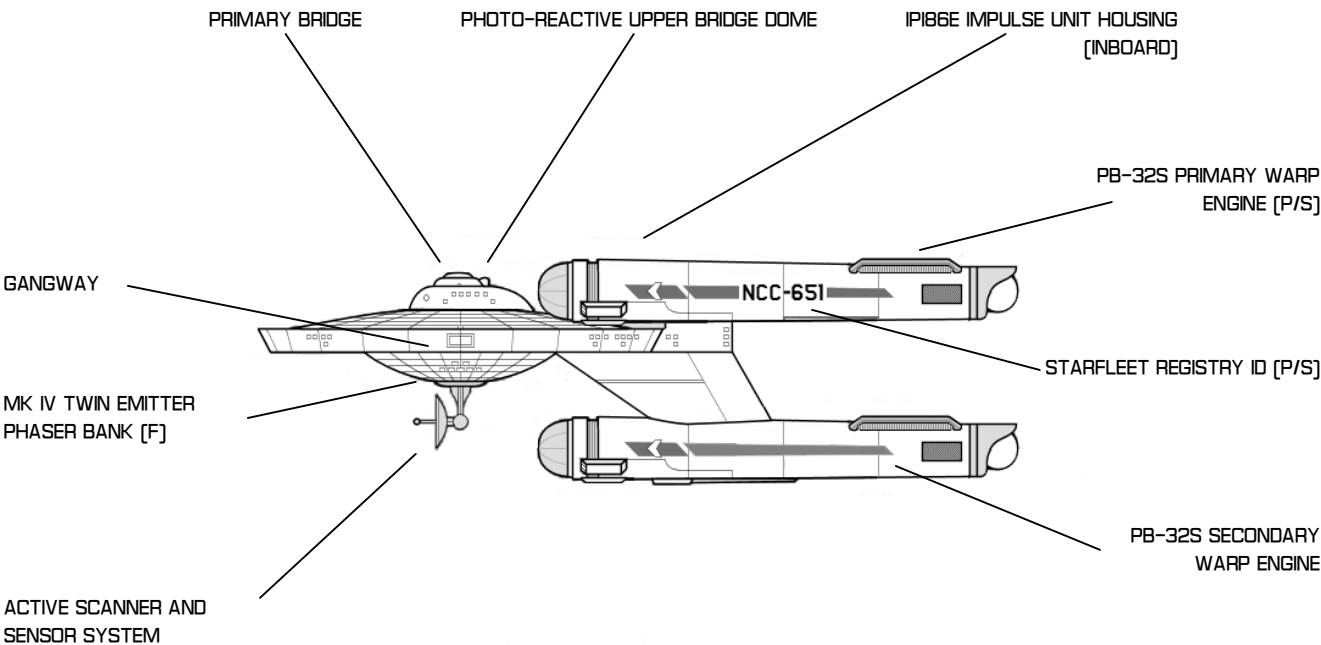
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STEVEN COLE
SD 240155
SD 741127

SURVEYOR CLASS

DONOVAN CLASS STARSHIPS - PORT VIEW



UNITED FEDERATION OF PLANETS

STAR FLEET DIVISION

GENERAL PLANS/RECOGNITION DETAIL

SURVEYOR [SA] / DONOVAN CLASS

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CRUISER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	20	TYPE H TRAVEL POD	2
CREW	180	SECONDARY SYSTEMS	
DIMENSIONS		MAIN COMPUTER	DUOTRONIC MK II CU
DEADWEIGHT TONNAGE	136,000 MT	ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
LENGTH	207M	PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
BREADTH	112M	TRANSPORTERS	3 STD / 3 EVAC / 3 CARGO
HEIGHT	62M	LIFE SUPPORT	MK IV CT-3 SUITE
ARMAMENTS		MISSION PROFILE	
PHASERS	MK IV TWIN EMITTER [F]	MISSION TYPE	SURVEY, SCOUT, SA
PHOTON TORPEDOES	NONE	MAXIMUM OPERATING RANGE	9 YEARS AT LYV
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]		

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD [SAUCER] FORWARD [SAUCER] FORWARD [SAUCER] FORWARD [SAUCER] DORSAL [PYLON] DORSAL [PYLON] DORSAL [PYLON] DORSAL [PYLON]	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		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
DECK EIGHT		AUXILLARY MACHINERY, REAR OBSERVATION DECK
DECK NINE		PLASMA FLUSH CONTROL,
DECK TEN		WARP GENERATION CONTROL
DECK ELEVEN		INTERMIX CONTROL ROOMS

HEAVY DESTROYER CLASS

ORTEGA CLASS STARSHIPS

GENERAL INFORMATION

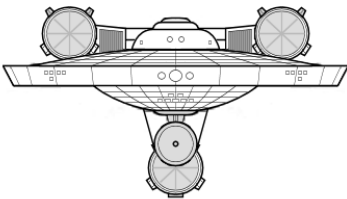
THE *ORTEGA* WAS A RELATIVE LATE-COMER TO THE *CONSTITUTION* GENERATION OF STARSHIPS, REPLACING A MUCH EARLIER BUT ULTIMATELY REJECTED PROPOSAL. THE SHIP WAS DESIGNED AS A FAST, HEAVY, BUT AFFORDABLE DESTROYER TO BE DEPLOYED IN DEFENSE OF NEW FEDERATION MEMBERS NEAR THE KLINGON BORDER, REPLACING THE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



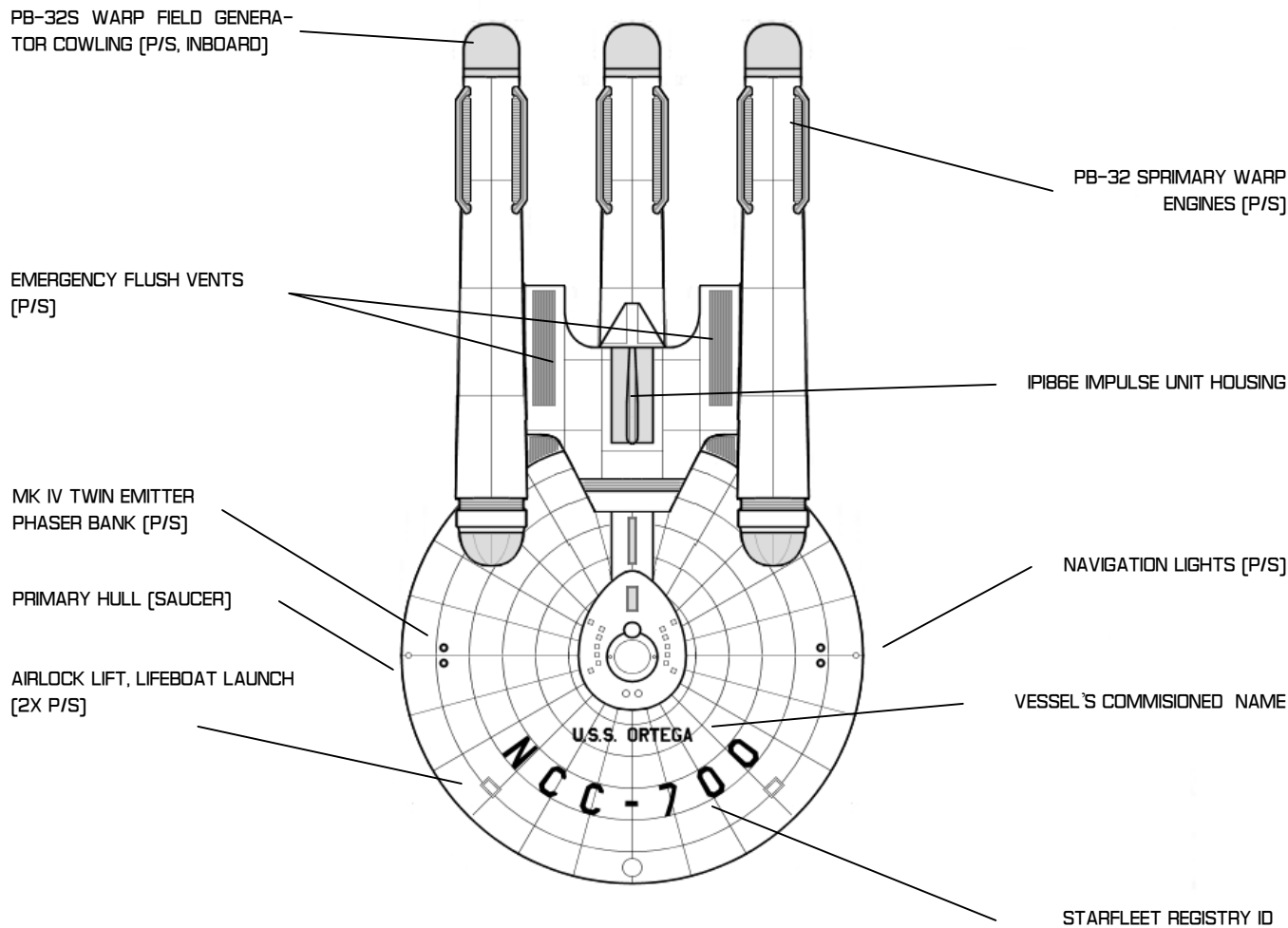
CONSTRUCTION DETAILS

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	DECOMMISSIONED
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

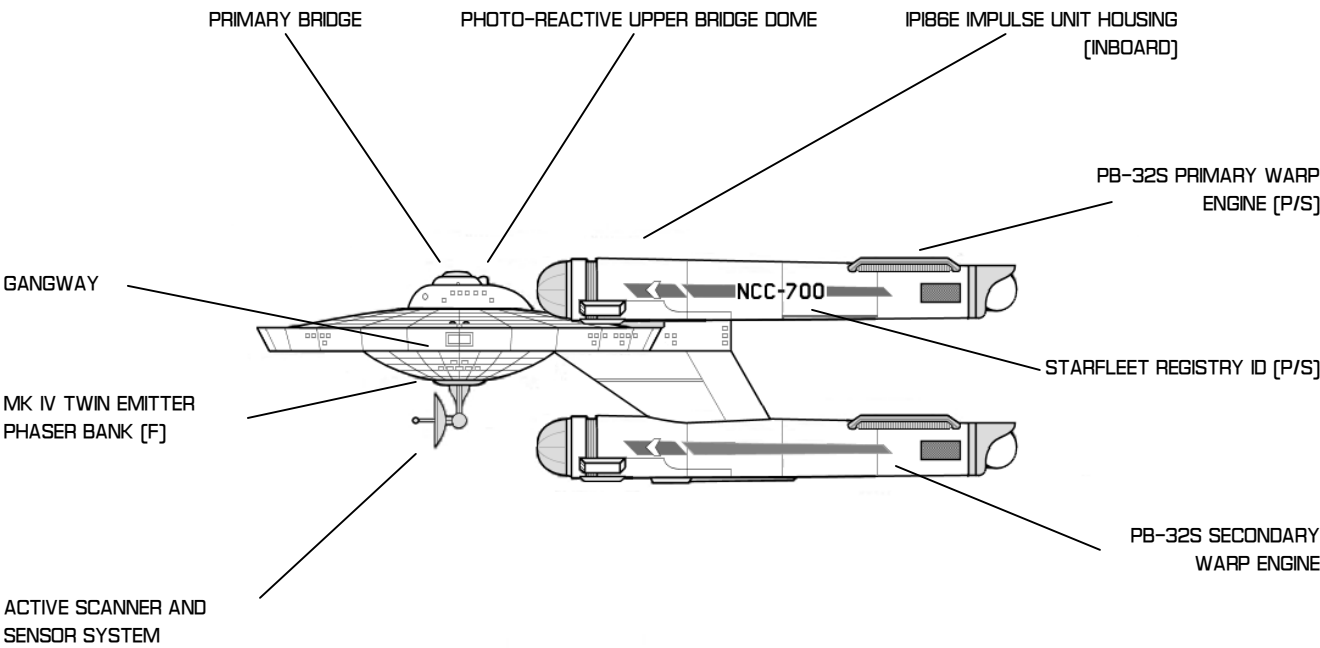
GENERAL PLANS/RECOGNITION DETAIL
HEAVY DESTROYER [DA] / ORTEGA CLASS

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



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

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

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HEAVY DESTROYER CLASS

CLASS SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	20	TYPE H TRAVEL POD	2
CREW	180	SECONDARY SYSTEMS	
DIMENSIONS		MAIN COMPUTER	DUOTRONIC MK II CU
DEADWEIGHT TONNAGE	138,000 MT	ACTIVE SCANNER SUITE	MK III LX ADV SENSORY SYSTEM
LENGTH	207M	PASSIVE SENSOR SUITE	MK III ADV SENSORY SYSTEM
BREADTH	112M	TRANSPORTERS	3 STD / 3 EVAC / 3 CARGO
HEIGHT	62M	LIFE SUPPORT	MK IV CT-3 SUITE
ARMAMENTS		MISSION PROFILE	
PHASERS	MK IV TWIN EMITTER [F, F/P, F/S]	MISSION TYPE	HVY DEST. COMBATANT, CA
PHOTON TORPEDOES	MK XII/IF TWIN LAUNCHER [F]	MAXIMUM OPERATING RANGE	9 YEARS AT LYV
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]		

DECK ARRANGEMENT [GENERAL]	VESSEL SECTION	DECK SUMMARY
DECK ONE	FORWARD [SAUCER]	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
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

STARBASE

'K' SERIES, GENERAL PURPOSE

GENERAL INFORMATION

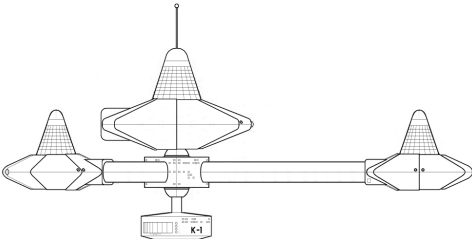
THE 'K' SERIES STARBASE WAS DESIGNED TO FUFILL A VARIETY OF ROLES, AND IS CONSIDERED A LARGE 'GENERAL PURPOSE' STARBASE. THE BASES OFTEN ACT AS A CENTER FOR TRADE, COMMERCE, OR DEFENSE IN THOSE AREAS WHERE A PLANETARY BASE ISN'T DEEMED PRACTICAL.

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



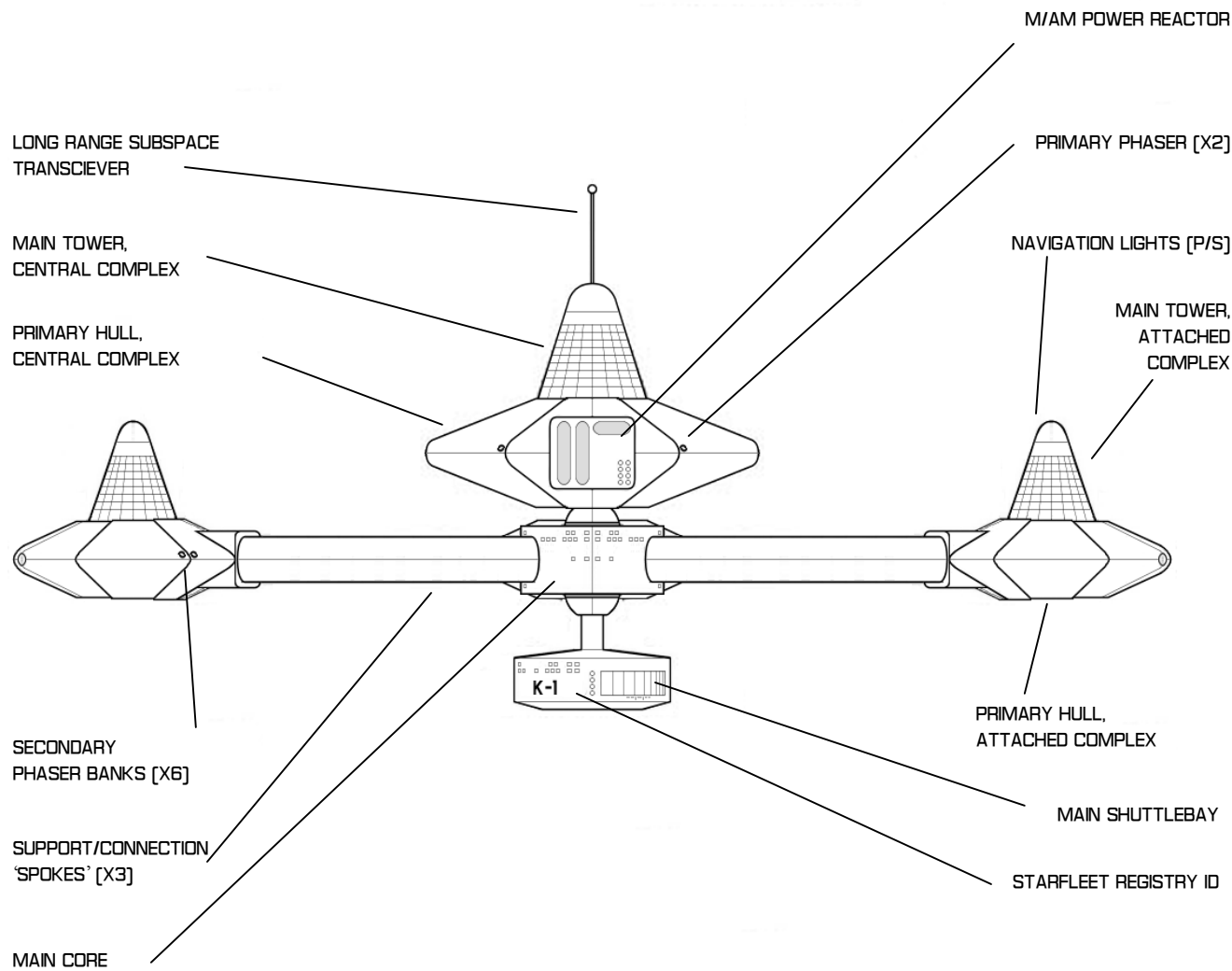
CONSTRUCTION DETAILS

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 [JANUARY 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

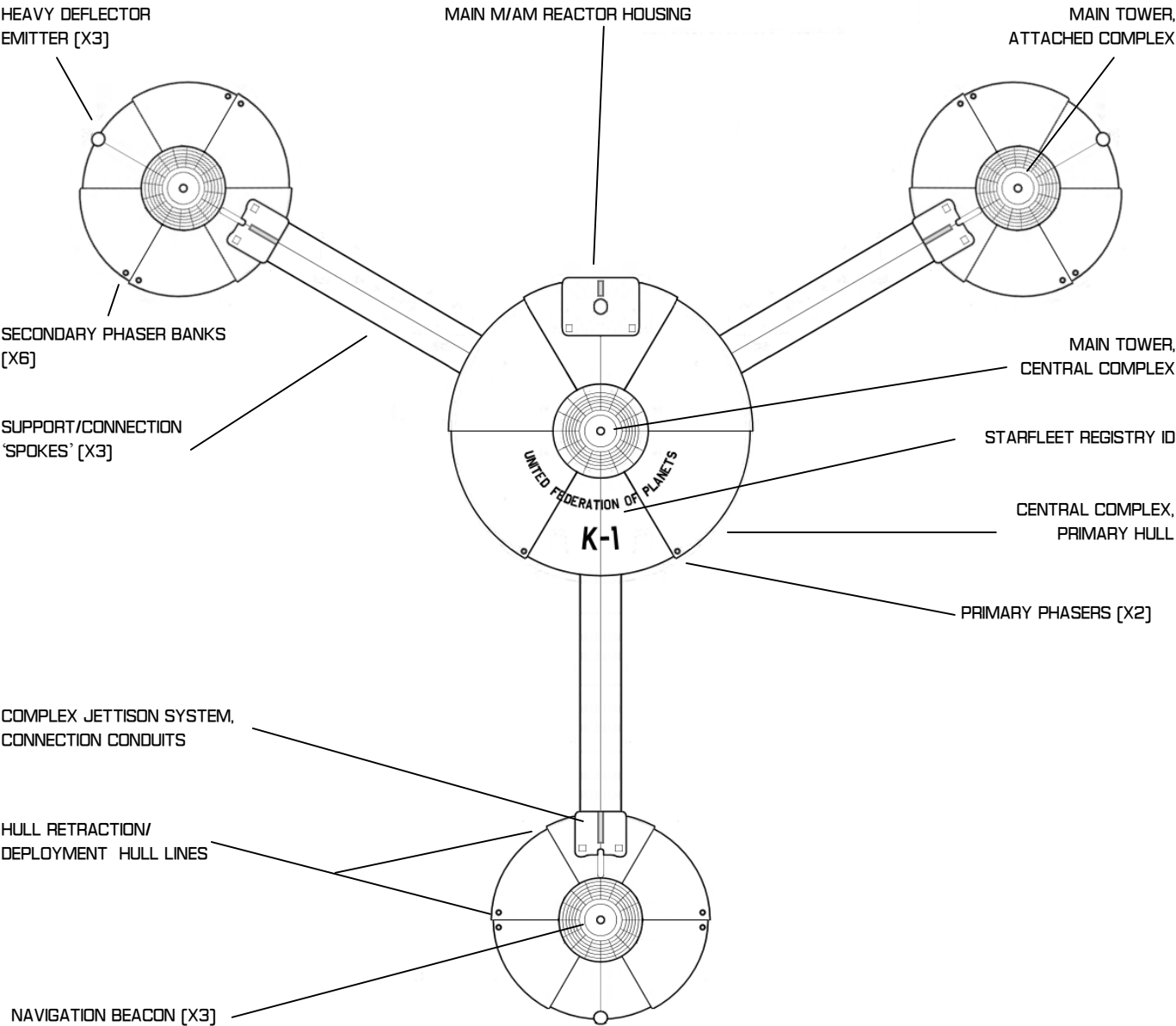
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STARBASE

'K' SERIES, GENERAL PURPOSE - DORSAL VIEW



UNITED FEDERATION OF PLANETS
STAR FLEET DIVISION

GENERAL PLANS/RECOGNITION DETAIL
STARBASE / K-SERIES

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SD 240155
SD 7411.27



STARBASE

TYPE SPECIFICS

STANDARD COMPLEMENT		SUPPLEMENTAL CRAFT	
OFFICERS [COMMAND]	43	TYPE H TRAVEL POD	4
CREW	387	TYPE F SHUTTLECRAFT	8
		TYPE HF SHUTTLECRAFT	4
DIMENSIONS		SECONDARY SYSTEMS	
DEADWEIGHT TONNAGE	455,000 MT	MAIN COMPUTER	DUOTRONIC MK III CU
LENGTH	354M	ACTIVE SCANNER SUITE	MK III LX HVY SENSORY SYSTEM
BREADTH	321M	PASSIVE SENSOR SUITE	MK III HVY SENSORY SYSTEM
HEIGHT	161M	TRANSPORTERS	8 STD / 8 EVAC / 6 CARGO / 6 PERSONAL
ARMAMENTS		LIFE SUPPORT	MK IV CT-3 SUITE
PHASERS	MK IV TWIN EMITTER [X2A, X2 F/S, X2 F/P] MK IVH SINGLE EMITTER [X2A]	MISSION PROFILE	
PHOTON TORPEDOES	NONE	MISSION TYPE	GENERAL PURPOSE
DEFENSE DEFLECTOR SHIELD	PFF3AE	MAXIMUM OPERATING RATING	25 YEARS
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	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

TRANSPORT CONTAINER

LIQUIDS 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 VII/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]

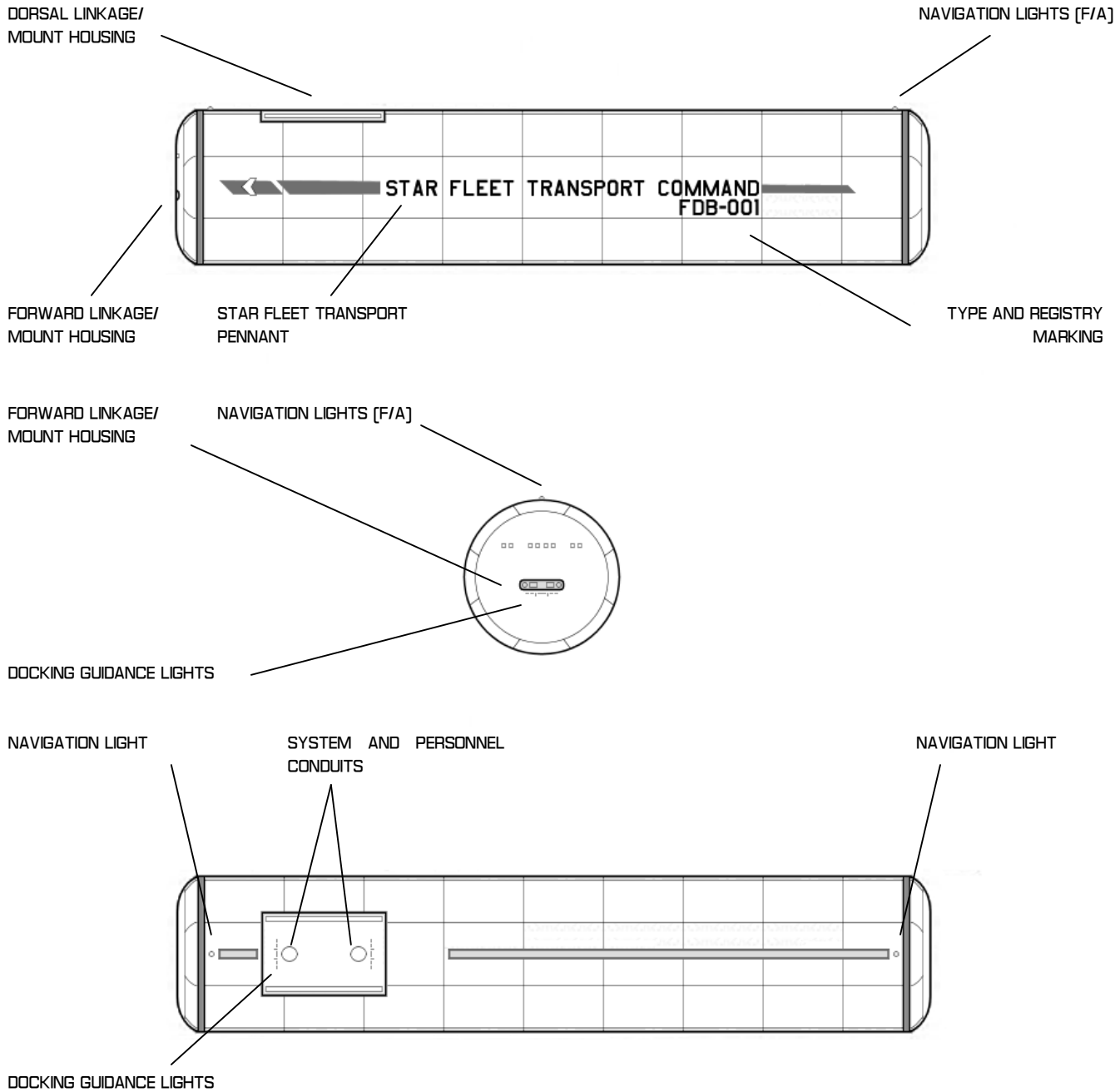
VESSEL SECTION

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

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SD 4840.55
SD 741127

TRANSPORT CONTAINER

BULK 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 VII/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]

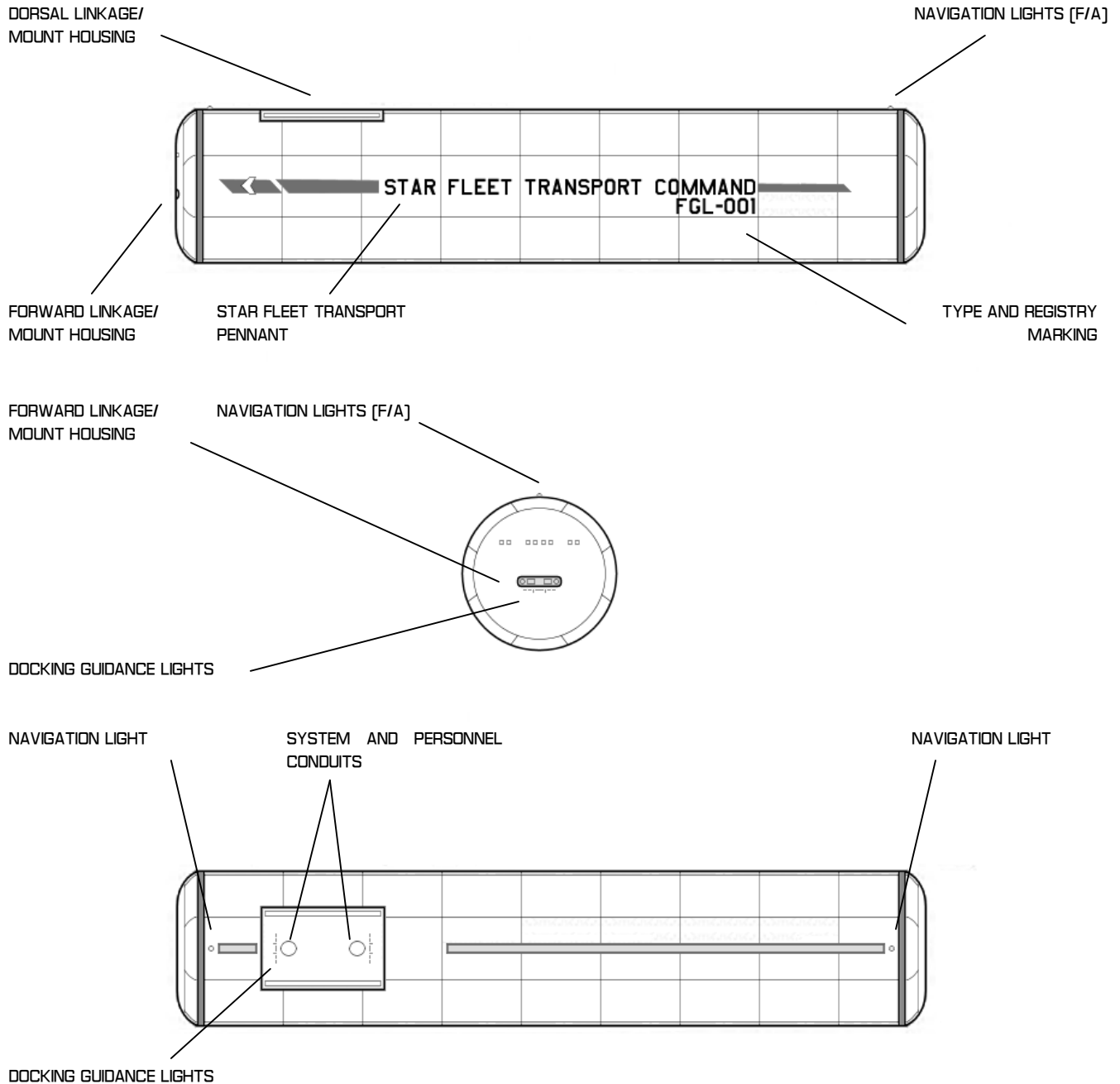
VESSEL SECTION

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

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SD 741127

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 *CONTITUION* 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 COMMISSION	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.

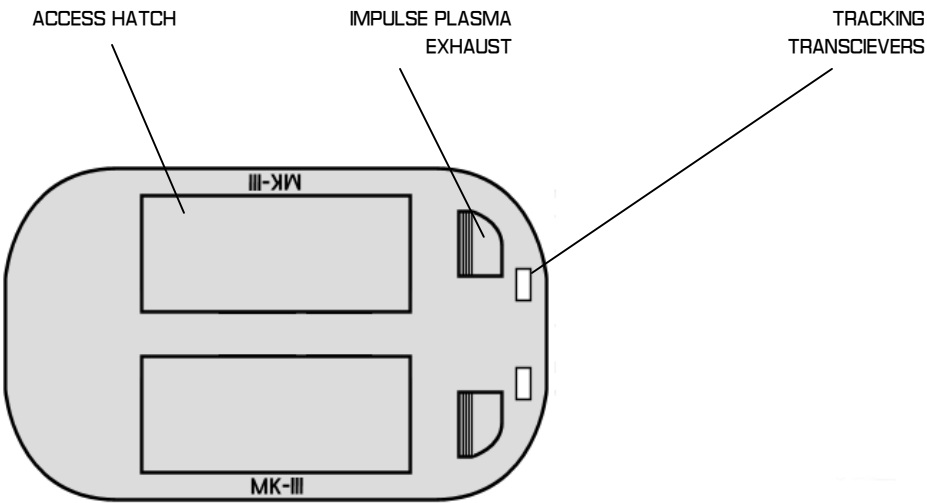
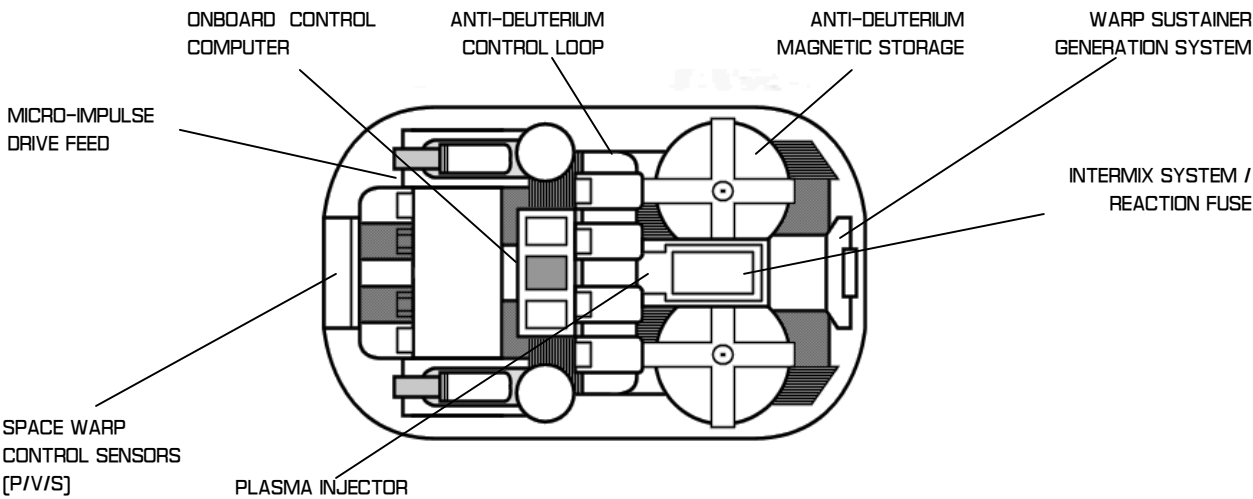
PROXIMITY SETTING
PHOTON TORPEDOES CAN BE RIGGED TO AFFECT A MUCH WIDER AREA OF SPACE THAN NORMAL, THOUGH AT GREATLY REDUCED YIELD. PROXIMITY SETTINGS CAN BE EXPANDED TO A MAXIMUM OF 20,000KM, BUT DOING SO YIELDS ONLY A MAXIMUM 0.5 MT.

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 TRANSCIVER 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
AUTHENTICATION APPROVAL
VERSION RELEASE

NEALE DAVIDSON
SD 240155
SD 7411.27

