SHIPS RECOGNITION MANUAL

Class Particulars, Fleet Deployment And Disbursement Volume One / Number Nineteen

Heavy Cruiser



CONSTITUTION CLASS

One Hundred And Third Year Of Issue 2270-2295

The Standard Reference Guide To Vessels Of The Star Fleet

STARFLEET RECOGNITION

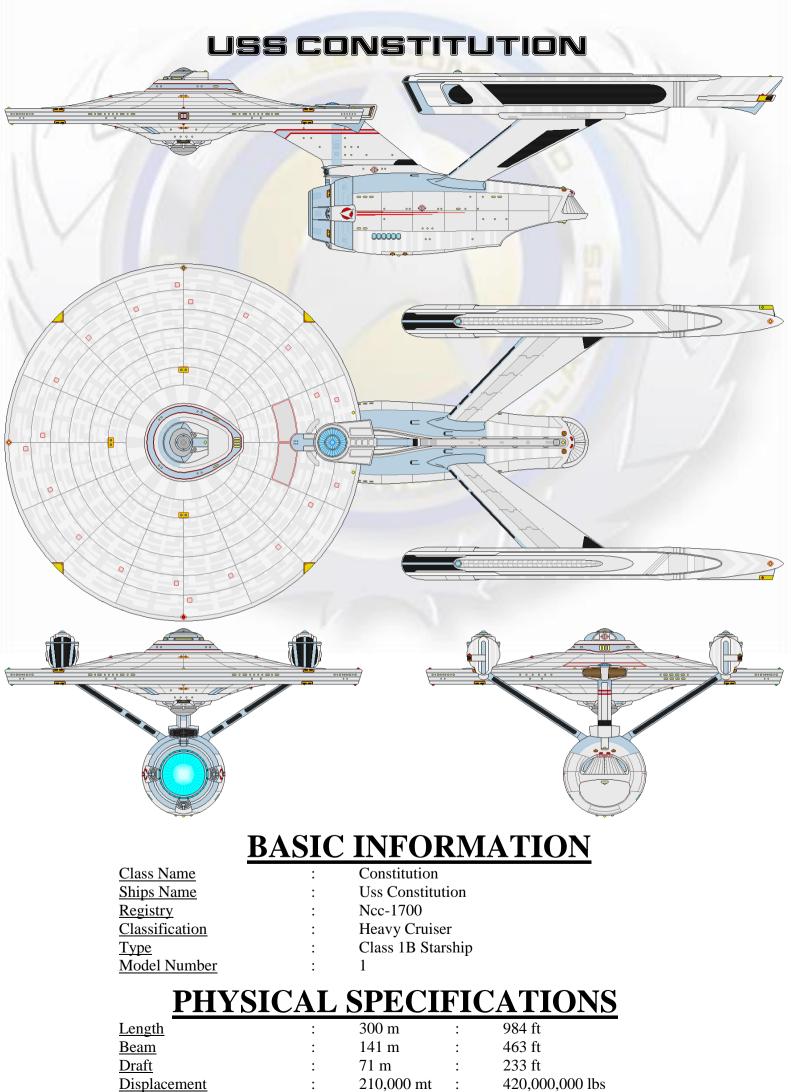
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SHIPS DATA AND FLEET DEPLOYMENT: CONSTITUTION CLASS

TOP SECRET

CONSTITUTION CLASS • STARFLEET REGISTRY NCC-1700 COMMISSIONED STARDATE 8438.2 FIRST STARSHIP TO BEAR THE NAME SAN FRANCISCO FLEET YARDS, EARTH UNITED FEDERATION OF PLANETS

"We The Individuals Of The United Federation Of Planets . . . "



<u>_ength</u>	:	300 m	:	984 ft
<u>Beam</u>	:	141 m	:	463 ft
<u>Draft</u>	:	71 m	:	233 ft
Displacement	:	210,000 mt	:	420,000,000 lbs

USS CONSTITUTION <u>SHIPS COMPLEMENT</u>

500

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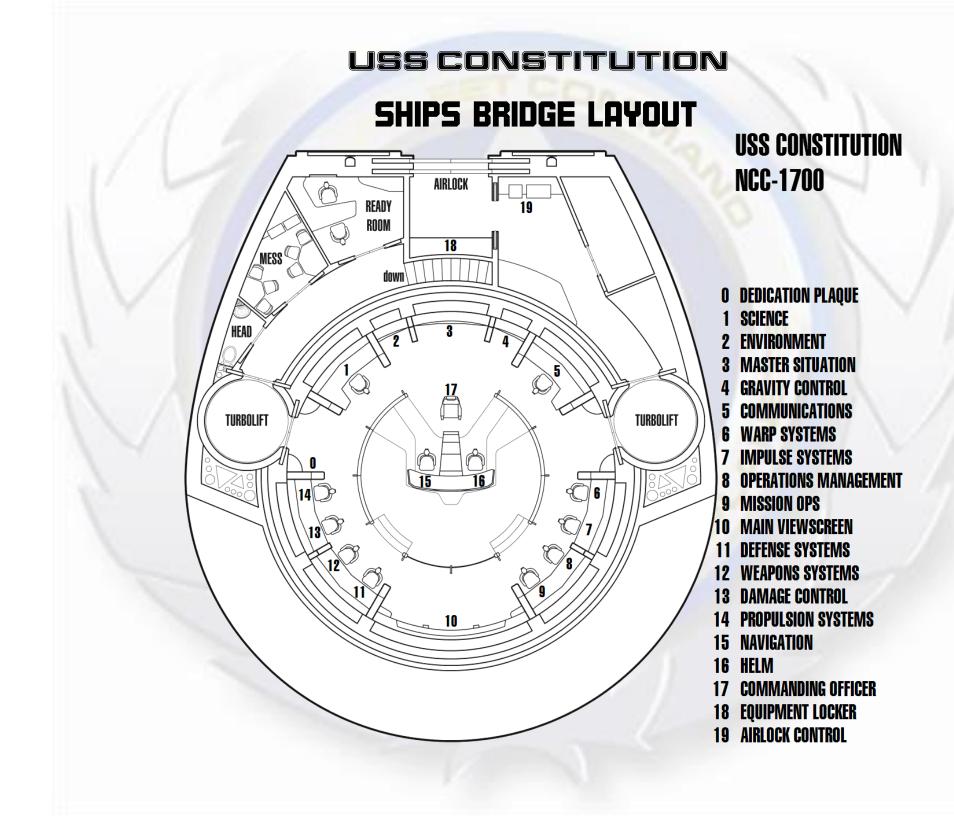
COMMAND	
Commanding Officer	1
Executive Officer / First Officer	1
Second Officer	1
Captain's Yeoman	1
Senior Enlisted	1
HELM DIVISION	
Helmsman	1
Assistant Helmsman	3
Helm System Analyst	4
Helm System Technician	4
NAVIGATION DIVISION	
Navigator	1
Assistant Navigator	3
Navigation Systems Analyst	3
Navigational Systems Technician	5
COMMUNICATIONS DIVISION	I
Communication Officer	1
Assistant Communications Officer	2
Communication Systems Officer	4
Acoustical Systems Technician	2
Communications Auxiliary Systems Specialist	4
Communications System Calibration Engineer	2
Computer Systems Analyst	4
Communication Equipment Technician	4
Subspace Equipment Specialist	4
OPERATIONS DEPARTMENT	
Operations Officer	1
Assistant Logistics Officer	3
OFFICE OF DIPLOMATIC AFFAI	
Diplomatic Services Specialist	4
Interstellar Legal Specialist	4
First Contact Specialist	3
MEDICAL OPERATIONS	
Chief Medical Officer	1
Assistant Medical Officer	2
Physician	2
Surgical Specialist	3

MEDICAL: ASSISTANT	
Chief Nurse	1
Nurse	10
MEDICAL: LAB	
Archivist / Librarian	1
Laboratory Technician	6
Medical Computer Systems Analyst	2
Medical Laboratory Technician	6
Medical Chemistry Analyst	6
MEDICAL: TECHNICIAN	
Emergency Medical Technician	10
Maintenance & Repair Technician	4
Medical Equipment Specialists	4
ENGINEERING DEPARTMEN	T
Chief Engineer	1
Assistant Chief Engineer	2
Computer Systems Analyst	4
ENGINEERING EMERGENCY SEI	RVICES
Damage Control Officer	1
Assistant Damage Control Officer	2
Emergency Systems Specialists	10
Damage Control Specialist	10
Hazardous Materials Specialists	9
Decontamination Specialist	10
ENGINEERING LIFE SUPPORT SY	STEMS
Auxiliary Systems Specialist	2
Bio-Systems Specialist	2
Environmental Systems Technician	1
Life-Support Technician	4
ENGINEERING NAVIGATIONAL S	YSTEMS
Deflector Shield Engineer	6
Deflector Shield Systems Officer	3
Navigational Deflector Specialist	2
Internal Equipment Specialist	4
ENGINEERING STRUCTURAL SY	STEMS
Structural System Calibration Engineer	2
Auxiliary Systems Specialist	2
Inertial Damping Field Specialist	1
Structural Engineering Specialist	1

Total Standard	
Officers	:
Enlisted	
Passengers	•
Marine Detachment	÷
Structural Integrity Field Specialist	2
EPS Power Distribution Specialist	10
ENGINEERING SYSTEMS SUB LI	
Impulse Drive Engineer	1
Computer Systems Analyst	4
Impulse Thrust Specialist	4 5
Thruster Unit Specialist (RCS) ENGINEERING SYSTEMS WARP I	
Warp Drive Engineer	4
Warp Coil Specialist	3
Computer Systems Analyst	4
Dilithium Crystals Specialist	2
Matter / Anti-Matter Specialist	3
OPERATIONS SYSTEMS DIVISI	ON
Operational Systems Officer	1
Acoustical Systems Technician	4
Sensor Calibration Engineer	2
Sensor System Officer	1
Sensor System Specialist	6
Tractor Beam Specialist	1
TRANSPORTER SYSTEMS DIVIS	
Transporter Systems Officer	2
Chief Transporter Systems Officer	1
Transporter Systems Specialist	2
WEAPONS SYSTEMS DIVISIO	
Phaser Systems Engineer Phaser Coil Specialist	4
Phaser Systems Specialist / Gunner	4 6
Phaser Computer Systems Analyst	4
Photon Torpedo Launch Systems Engineer	5
Photon Torpedo Specialist	5
Photon Torpedo Launch System Specialist	5
Photon Torpedo Computer Systems Analyst	5
FLIGHT DECK DIVISION	-
Chief Flight Deck Control Officer	1
Equipment Supply Technician	2
Flight Deck Control Specialist	2
Maintenance Repair Specialist	4

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	SHUTTLE OPERATIONS DIVIS	ION
	Chief Shuttlecraft Mechanic	1
	Shuttlecraft Support Officer	2
	Shuttlecraft Mechanic	5
	Shuttlecraft Pilot	6
	Shuttlecraft Support Technician	4
	STORES DIVISION	
	Supply Officer	1
	Supply Clerks	12
	Replicator Maintenance	1
	Culinary Specialist	2
	Nutritionist	3
	SCIENCE DEPARTMENT	
	Chief Science Officer	1
	Assistant Science Officer	1
	Chief Computer Systems Analyst	1
	Chief Chemistry Analyst	1
	SCIENCE: LIFE SCIENCE DIVIS	SION
	Chief Life Science Officers	1
	Computer Systems Analyst	2
	Anatomist	2 2
	Biochemist	
	Biologist	3 3
	Botanist	3
	Ecologist	2
	Entomologist	2
	Geneticist	2
	Microbiologist	2
	Pathologist	2
	Toxicologist	3
	Zeno Biologist	2
	SCIENCE: PHYSICAL SCIENCE DI	
	Chief Physical Science Officer	1
	Computer Systems Analyst	2
	Analytical Chemist	2
	Geochemist	2
	Geologist	2
	Inorganic Chemist	2
	Mineralogist	1

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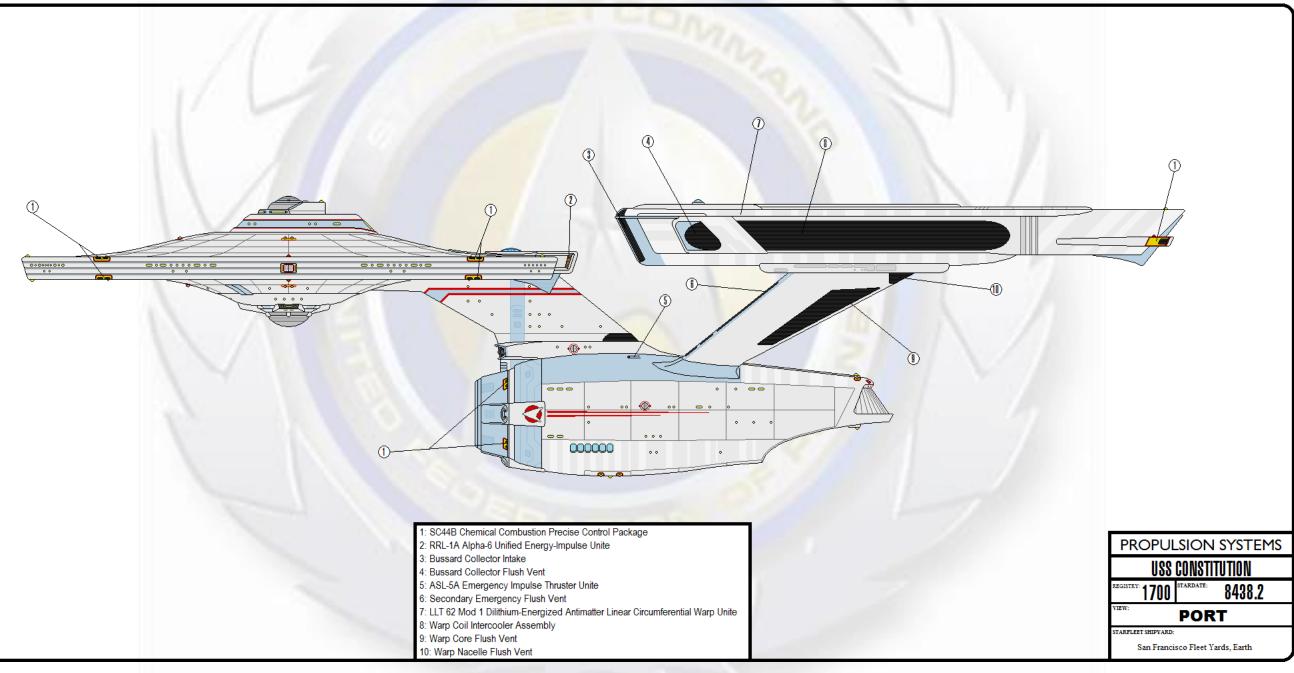


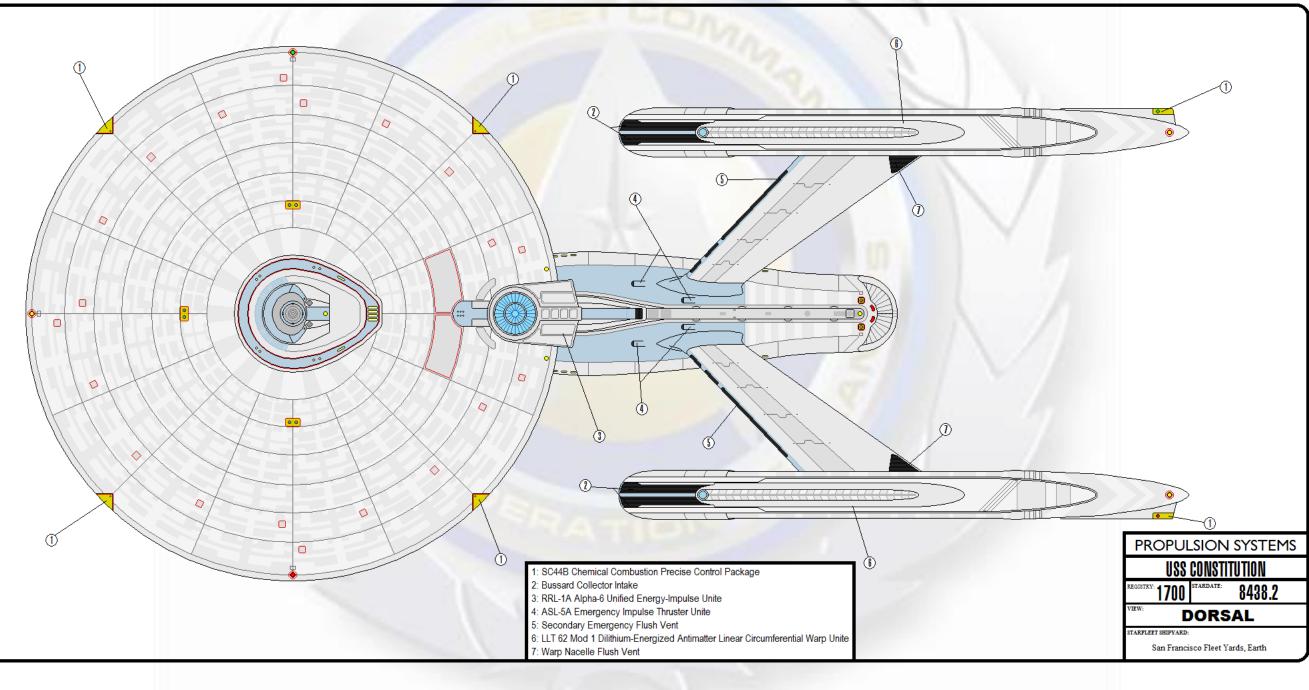
PROPULSION SYSTEMS

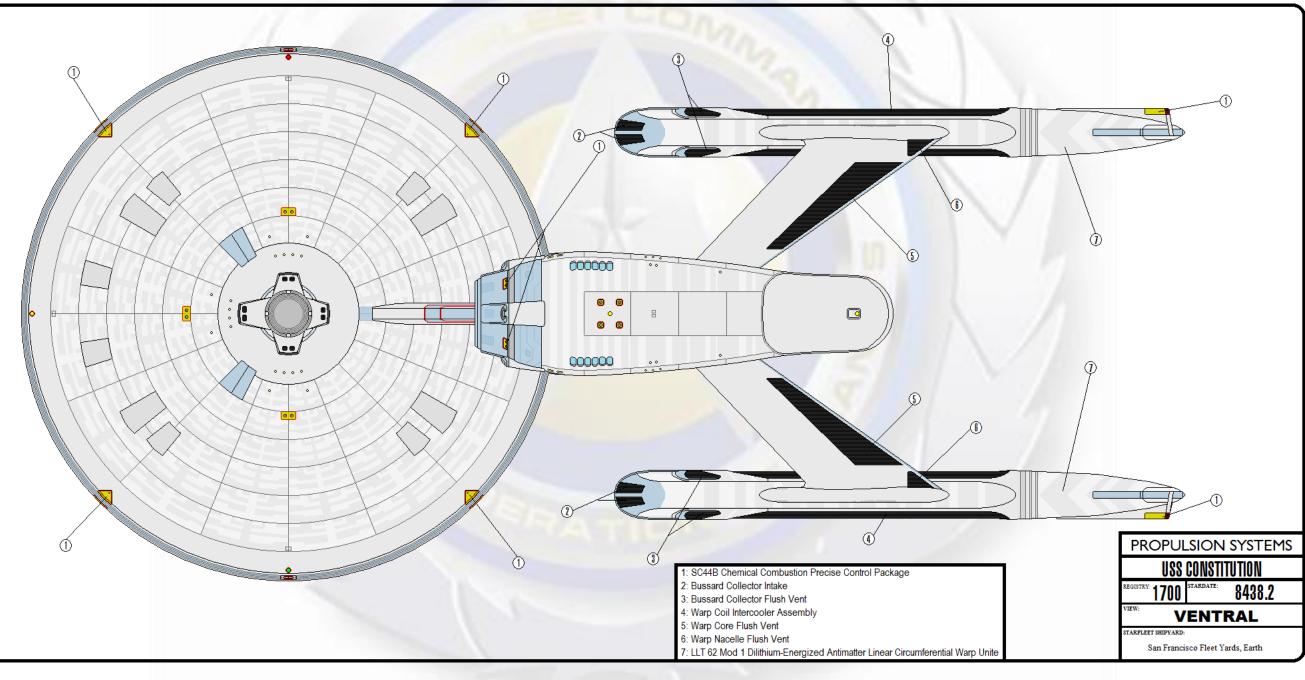
Warp System			
Drive Type :		FWG-	1 'Tallis Bannos' Warp Drive
<u>Number</u> :		1	
Main Reactor :		'Antos	s' 27 TLL Antimatter Reactor
Nacelle Type :		LLT 6	2 Mod 1 Dilithium-Energized Antimatter Linear Circumferential Warp Unite
<u>Number</u> :		2	
Impulse	e Syste	em	
Drive Type		:	RRL-1A Alpha-6 Unified Energy-Impulse Unite
<u>Number</u>		:	4
Primary Reactor	<u>r</u>	:	FIE-2 Fusion Reactor (Tandem)
Secondary Reac	<u>ctor</u>	:	"Montague 2" Fusion Reactor (Tandem)
Thruste	er Syst	tems	
Reaction Contro	<u>ol</u>	:	SC44B Chemical Combustion Precise Control Package
Thruster Contro	<u>ol</u>	:	ASL-5A Emergency Impulse Thruster Unite

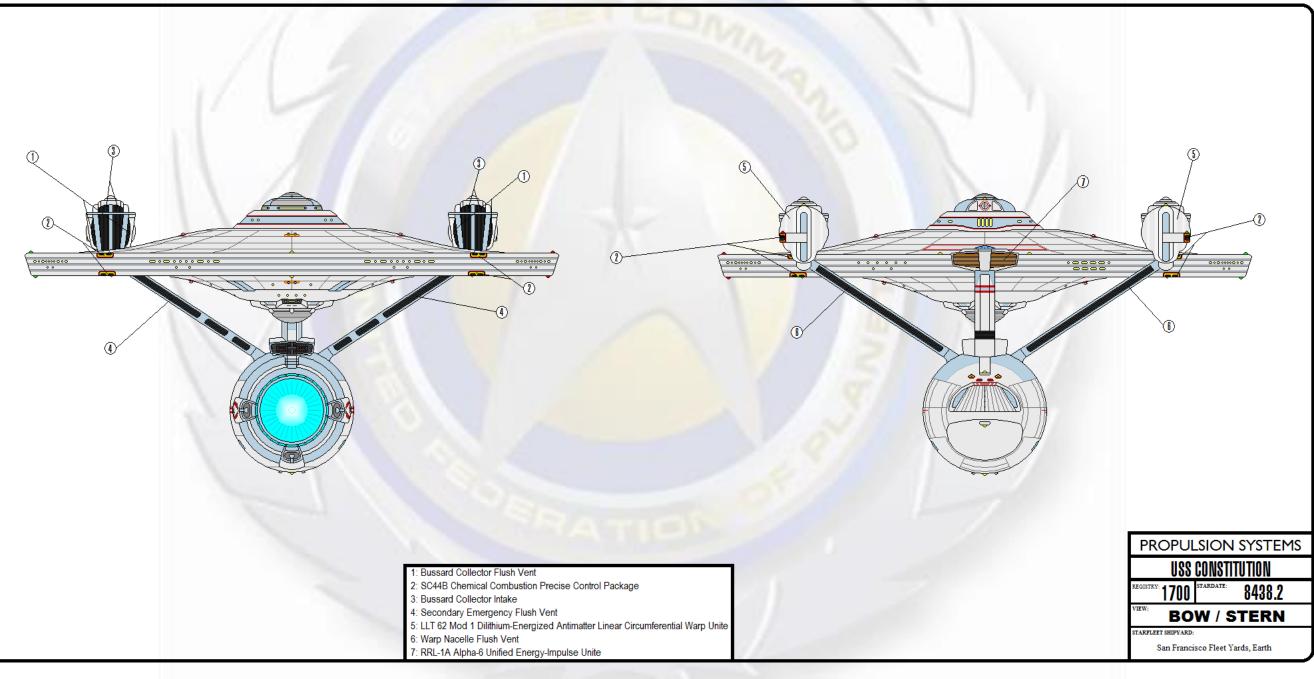
VELOCITY

Standard Cruising Speed Equal To Maximum Cruising Speed Equal To Battle Speed Equal To Maximum Emergency Speed Equal To Warp Factor 3.2 | 48.3 x The Speed Of Light 32,391,583,560 mph Warp Factor 5.2 | 243.6 x The Speed Of Light 163,366,247,520 mph Warp Factor 6.1 | 414.7 x The Speed Of Light 278,111,588,040 mph Warp Factor 7.2 | 720.7 x The Speed Of Light 4,828,559,040 mph









Ships Missing

Ships Lost

TRANSPORTER SYSTEMS

Personal		
Standard 6 Person	:	4
<u>Type</u>	:	LZT-2 6 Person Standard Transporter
Emergency 22 Person	:	2
Type		LZD2-1 MK-2 22 Person Standard Transporter
<u>3 Person</u>	1 1 1	8
<u>Type</u>	1.	LZM-11 3 Person Standard Transporter
Cargo		
Large Cargo	:	5
Type	:	DLL-6B Large Cargo Transporter
Medium Cargo	:	10
<u>Type</u>	:	DMD-11 Medium Cargo Transporter
Small Cargo	: /	19
<u>Type</u>	1.1/	DZC-8A1 Small Cargo Transporter
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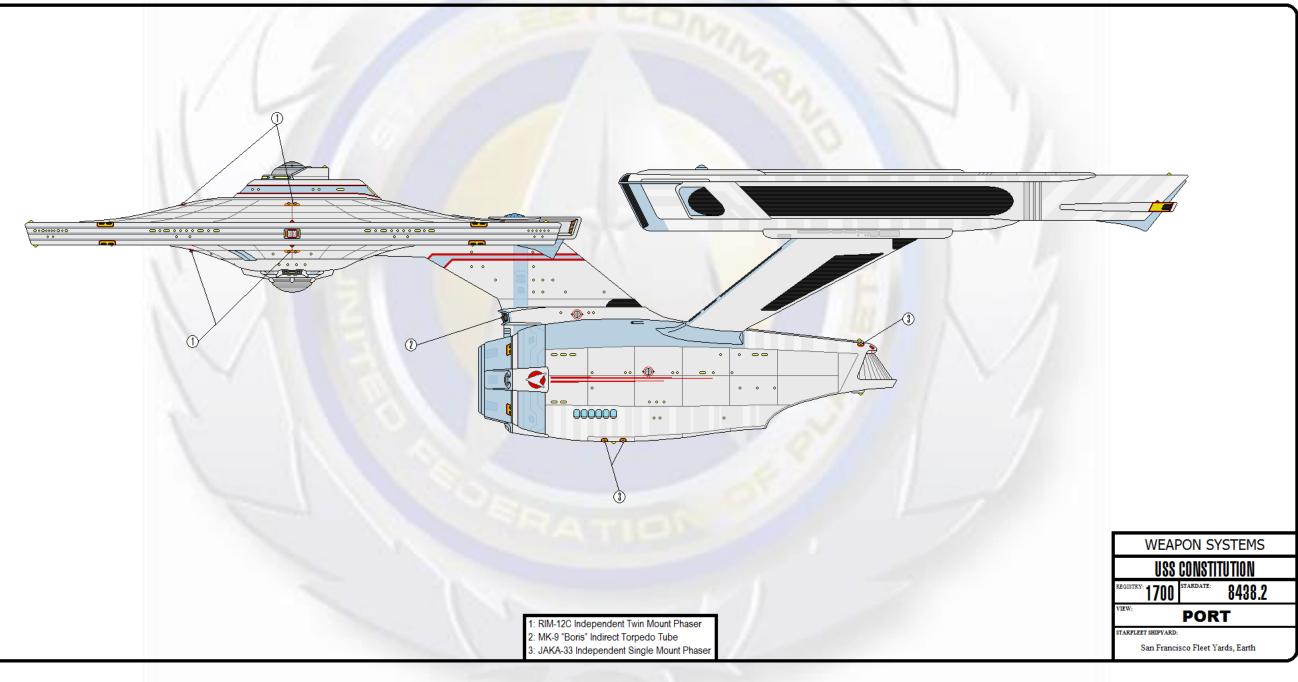
#### **SENSOR SYSTEM**

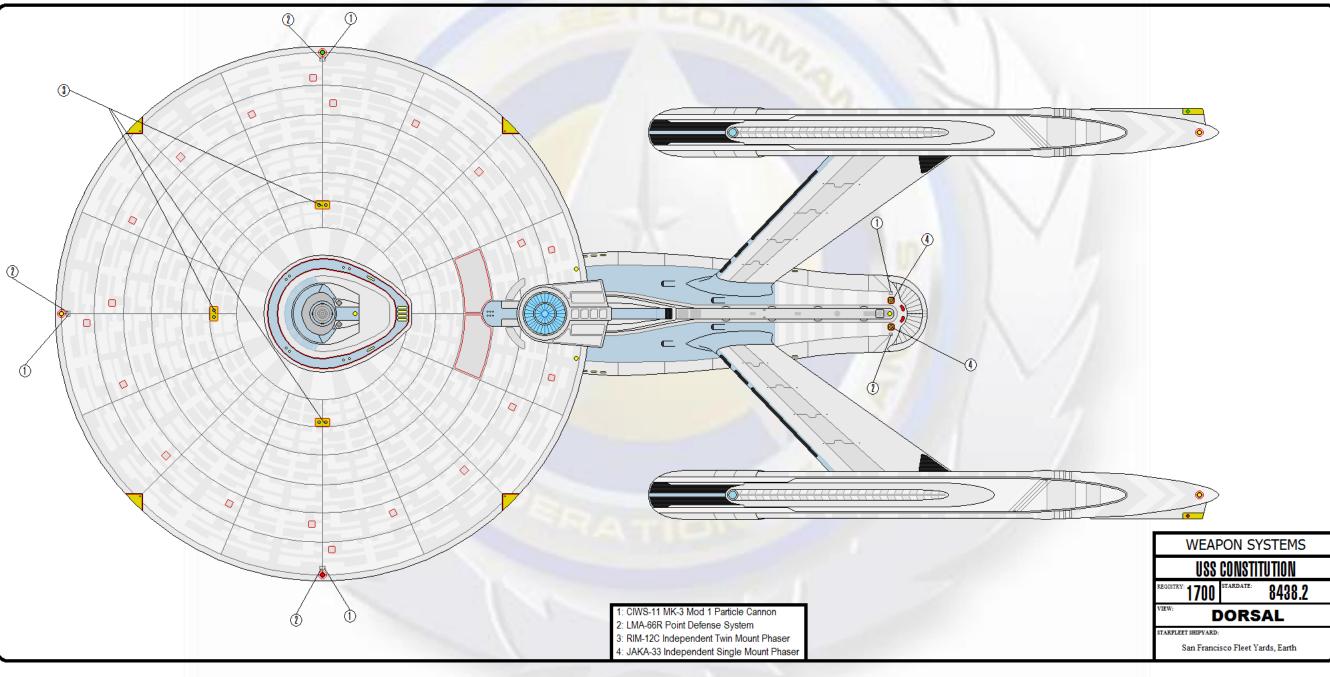
Primary Sensors Navigational Sensors Tactical Sensors SM49/2J Main Sensor Array
"Simmins / NAVTAR" Warp Celestial Guidance
FDL-19 Fire Control System

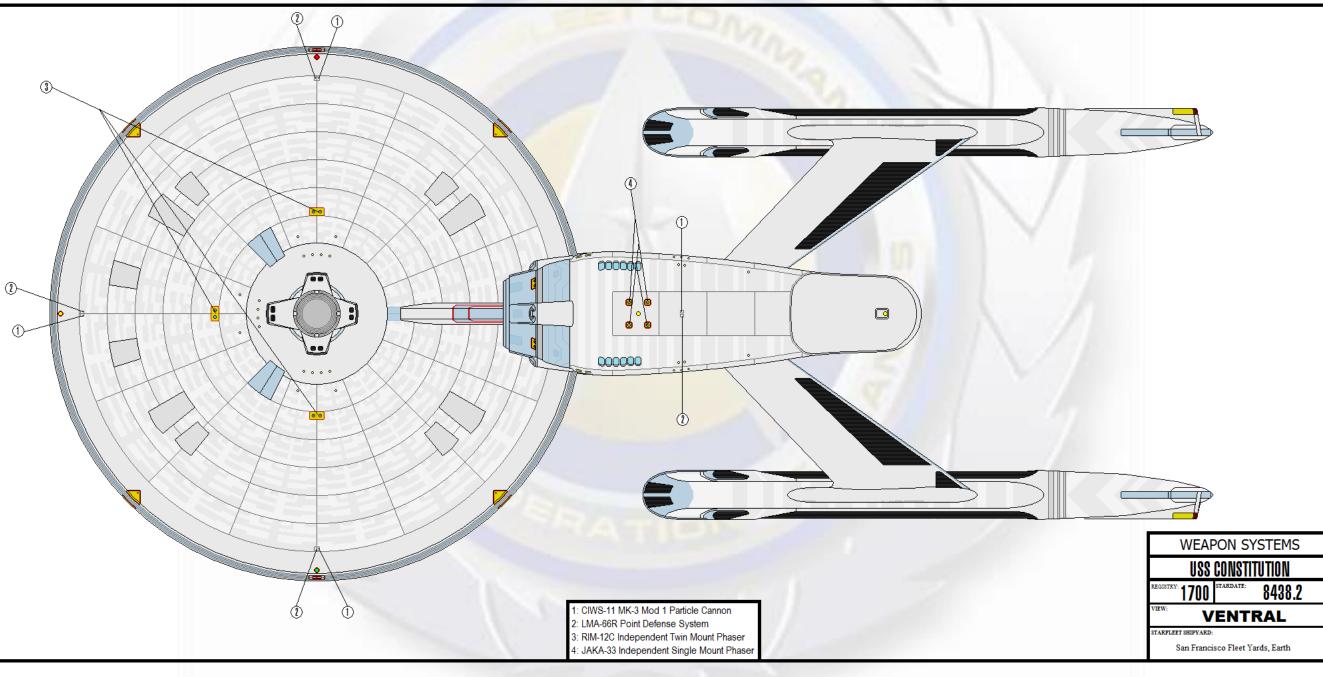
Fire Control Systems :	MILT	AC MK-2 Targeting And Control System
SHIPS SU	PP(	DRT SYSTEMS
Number Of Medical Wards	:	6
Research Laboratories	:	20
<u>6 Person Life Boats</u>	:	84
ENVIROM	EN	TAL SUPPORT
Life Support Unite	:	AMC-62 Atmosphere Maintenance Unite
Gravity Generator	:	GLV-13 Mod 2 Artificial Gravity Generator
Water Reclamation	:	W2 Water Reclamation / Waste Regeneration System
Inertial Damper	:	"Tilphin" Mod 2 Inertial Damper
Structural Integrity	:	S1 Mod 1 Structural Integrity Generator
Ships Main Computer	:	Core Tavic Mod 4 Timex 3
CLA	SS	STATUS
Ships Commissioned In The Class	:	19
Ships Actively Deployed	:	18
Ships Dry Docked	:	0

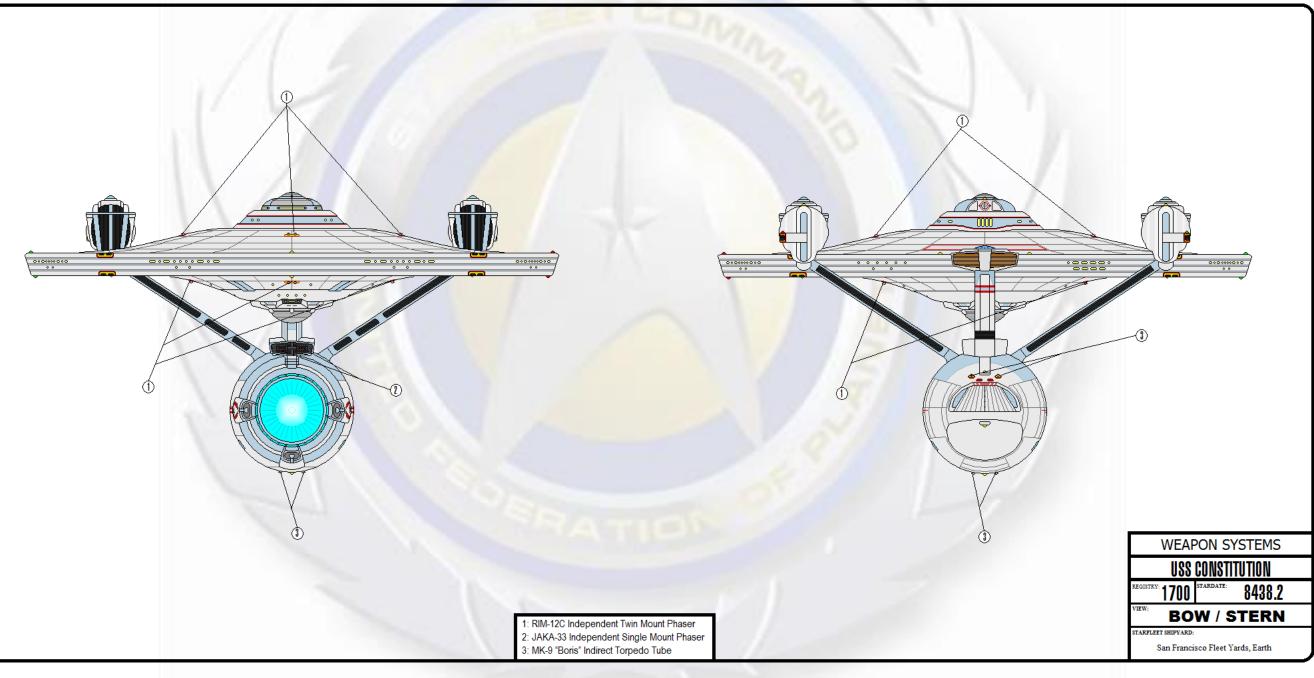
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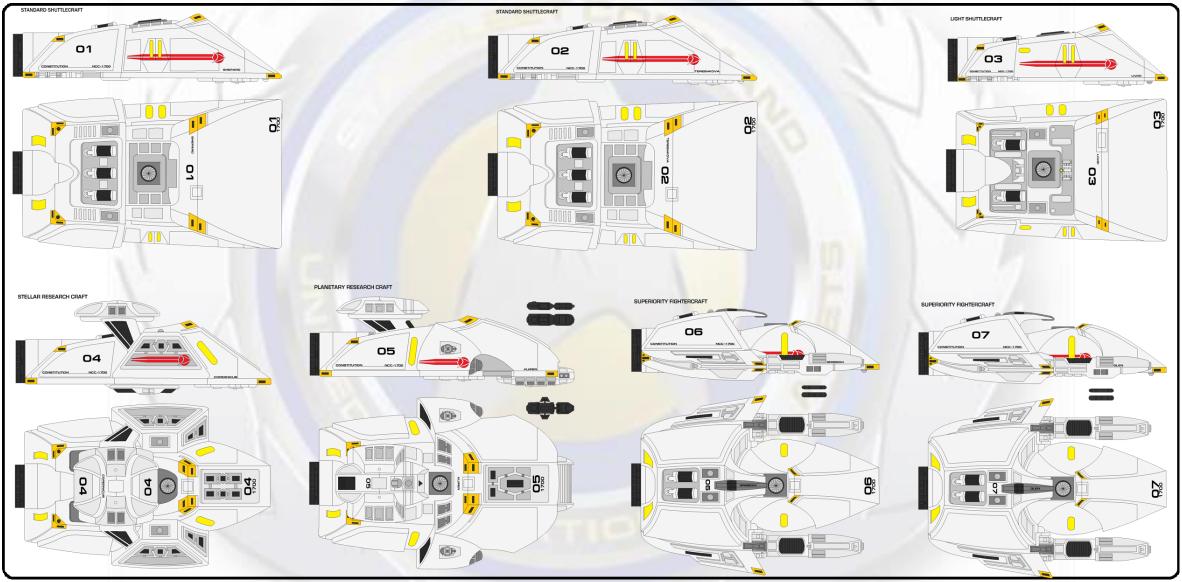






#### ARMAMENT

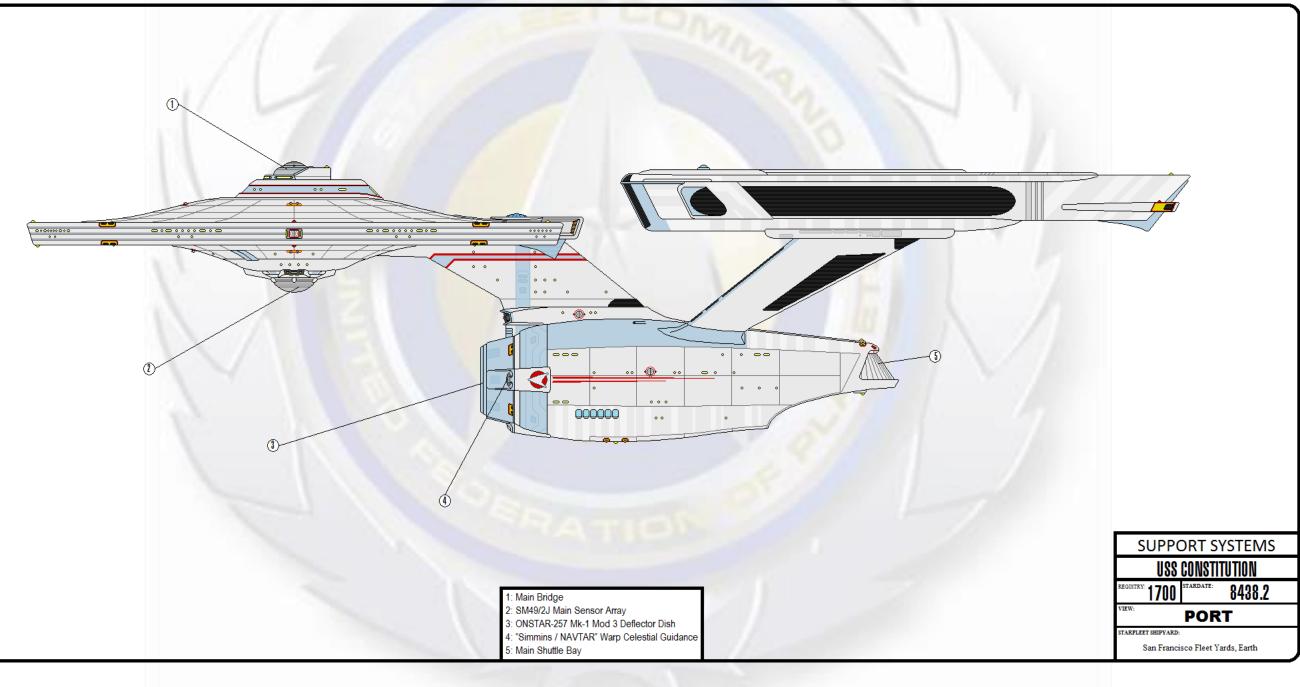
Phasers			Range :	1,000 km
Type	:	RIM-12C Independent Twin Mount Phaser	Firing Arch :	(1) Forward Dorsal Array Saucer Section
Number	1/1	6		(1) Dorsal Array Saucer Section Port Side
Range	:	11,800 km		(1) Dorsal Array Saucer Section Starboard Side
Firing Arch	:	(1) Forward Dorsal Array Saucer Section		(1) Forward Ventral Array Saucer Section
	· · ·	(1) Dorsal Array Saucer Section Port Side	:	(1) Ventral Array Saucer Section Port Side
		(1) Dorsal Array Saucer Section Starboard Side		(1) Ventral Array Saucer Section Starboard Side
	:	(1) Forward Ventral Array Saucer Section	:	(1) Aft Array Primary Hull
	- 1.1	(1) Ventral Array Saucer Section Port Side	Point Defense Drones	
		(1) Ventral Array Saucer Section Starboard Side	Design :	MK-808 Sensor Blip Imager Drone
Type	:	JAKA-33 Independent Single Mount Phaser	Number :	300
Number	. : ·	6	Design :	MK-888 "Ghost" Sensor Jamming Drones
<u>Range</u>	:	11,800 km	<u>Number</u> :	300
Firing Arch	:	(4) Dorsal Array Primary Hull	Lock On Weapons	
		(2) Aft Array Primary Hull	Design :	CIWS-11 MK-3 Mod 1 Particle Cannon
Torpedo Laur	ncher		Number :	7
Type		MK-9 "Boris" Indirect Torpedo Tube	Range :	300 km
Number	:	2	Firing Arch :	(1) Forward Dorsal Array Saucer Section
<u>Range</u>	:	7,500 km		(1) Dorsal Array Saucer Section Port Side
Firing Arch	:	(1) Forward Array Port Side		(1) Dorsal Array Saucer Section Starboard Side
	:	(1) Forward Array Starboard Side		(1) Forward Ventral Array Saucer Section
Torpedoes				(1) Ventral Array Saucer Section Port Side
Type	:	MK-90 Anti-Matter Torpedo Guided		(1) Ventral Array Saucer Section Starboard Side
Capacity	:	2,500		(1) Aft Array Primary Hull
<b>Point Defense</b>	System		Shielding	
<u>Design</u>	:	LMA-66R Point Defense System	Main System :	ND-1 Mod 1 Primary Shield Generator
Number	:	7	Deflector System :	ONSTAR-257 Mk-1 Mod 3 Deflector Dish



#### **SHUTTLE CRAFT**

Shuttle Bays	:	1	
Embarked Craft	:	7	
General Purpose Craft	:	2	
Personal Shuttle	:	1	
<u>Utility Craft</u>	:	2	
Fighter Craft	:	2	

- 01: Shepard
- 02: Tereshkova
- 03: Liwei
- 04: Copernicus
- 05: Kupier
- 06: Grissom
- 07: Glen



#### **SYNOPSIS**

Long considered the back bone of the Starfleet, the Constitution class of ships became the fore runner for the defense of the Federation for many years after the peace accords with the Klingon Empire were signed. With the success of the Aries class of ships. Starfleet needed and better equipped and armed ship of the line to manage the defense of the border. The Constitution was created to fill this role. By the 2389, the Constitution classes of ships were reaching their serviceability limit. Star fleet was left with the decision of decommissioning the entire class and starting from scratch. Or find a way to update and upgrade the entire class of ships.

It was decided that the entire class of ship should undergo and entire upgrade and refit. The first ship of the class to undergo this was the Uss Enterprise Ncc-1701. She was decommissioned and the entire ship went through a refit. The new design added approximately 20,000 metric tons to the ships overall weight. The ships length was increased from 289 meters to 300 allowing for an increased science and laboratories. The greatest improvement to the ship was the new weapons systems. The phaser power was now channeled through the ships warp core. The torpedo systems were moved from the saucer section to the primary hull. The ships sensor and navigation systems were updated as well. With the new warp drive the ships speed was increased from a top speed of warp 6.8. The new warp drive and nacelles improved the ships top speed to 7.2.

With updates and new design systems, the operational life of the Constitution class should work well into the near future.



#### **LISS CONSTITUTION** <u>CLASS PERFORMANCE</u>

The Uss Enterprise had acted on the forefront of Starfleet since the vessel was commissioned as the Starfleet's flagship. The after the ship was brought into service in 2274 during the VGER incident. The Ship was later given over to Starfleet academy and used for training purposes. Then a few years later, the ship was involved in a matter that as of this time is still considered classified. The ship was to be put into dry dock for decommissioning but was later destroyed. The Uss Tinian was recommissioned Uss Enterprise and given the service number Ncc-1701-A. Later after the Klingon Moon Praxis was destroyed and a major incident involving the Federation and the Klingon empire that would lead to a peace treaty between the two governments.

The Uss Exeter Ncc-1706, the Uss Potemkin Ncc-1711 and the Uss Farragut Ncc-1702 members of Heavy Cruiser Group 390 out of 14th fleet and Deep Space Star Station Boshigu received a distress call from the cargo vessel Abscot. The ship had hit a gravitational eddy that had disabled the ships propulsion system. The ship was a drift and without power losing life support. Commodore Sregop Sukalfu brought the three ships with in transporter range of the vessel, but discovered an anomaly that interfered with transporters. Upon approach, the Uss Farragut Ncc-1702 became disabled as her warp core and reactor plant went off line as well. The Uss Potemkin Ncc-1711 began maneuvering to attempt to determine what had caused the ships to lose power, when the ships warp engines began to fluctuate. Commodore Sregop Sukalfu immediately ordered the vessels to back off to a safe distance but still within transporter range. After several attempts, the Commodore Sregop Sukalfu maneuvered the Uss Potemkin Ncc-1711 as close as he could to the stricken vessels. It was determined that the anomaly had an area of effect that could be tracked and monitored. Capt. Mount aboard the Uss Exeter Ncc-1706 determined a way to continue powering the ships tractor beam and bring the ship within range of the Uss Farragut Ncc-1702 and the cargo vessel Abscot. Capt. U'muj aboard the Uss Farragut Ncc-1702 managed to get temporary power to the ships tractor beam. Capt. Mount brought the Uss Exeter Ncc-1706 to 1 quarter thruster power into the anomaly. The ship immediately lost power to the engines. Using the ships momentum, Capt. Mount activated the Uss Exeter Ncc-1706 tractor beam locking onto the Uss Farragut Ncc-1702. Capt. U'muj aboard the Uss Farragut Ncc-1702 activated the ships tractor beam locking onto the Abscot. The three vessels using the ships momentum were pulled away from the anomaly. As soon as the ships were out of the affects, power to the ships systems came back on line. Commodore Sregop Sukalfu had his ships drop a marker buoy in the

All other ships of the Class have performed up to and beyond expectations. It is hoped that the Constitution will remain in service for many years as a front line vessel.



Ships Name	Retrofit Decommiss	ioning	Construction Yard	Re- Commissioned	Commanding Officer	Area Assigned	Base   Fleet Assigned	Group Assigned	Status
Uss Constitution Ncc-1700	8329.1	San Francisco Fl	eet Yards, Earth	8438.2	Capt. Oaviex Moneun {Tuleain} [Female]	Active Sub Quadrant Foxtrot 2	Star Station 1050   6th Fleet	Heavy Cruiser Group 287	Active   Deploye
Uss Enterprise Ncc-1701-A	8336.7	San Francisco Fl	eet Yards, Earth	8442.5	Capt. James Tiberius Kirk {Human} [Male]	Active Sub Quadrant Alpha 1	Star Base 1   1 st Fleet	Fleet Unassigned	In-Active   Decommissione
Uss Farragut Ncc-1702	8351.2	Damphor LTD F	Lennoway Ship Yards, Gideon	8444.7	Capt. U'muj {Xindi-Reptilian} [Male]	Active Sub Quadrant November 1	Deep Space Star Station Boshigu   14th Fleet	Heavy Cruiser Group 390	Active   Deploye
Uss Lexington Ncc-1703	8422.3	Fabri Fleet Yard	s, Oryans Planet	8450.7	Capt. Ausubu {Orion} [Female]	Active Sub Quadrant Alpha 5	Star Base 785   1 st Fleet	Heavy Cruiser Group 289	Active   Deploye
Uss Yorktown Ncc-1704	8466.7	Hiemdahr-Gan F	tixik Nej-jal Fleet Yards, Morena	8462.5	Capt. Royaku Rirawi {Santorion} [Female]	Active Sub Quadrant Alpha 3	Deep Space Star Base 1697   1st Fleet	Heavy Cruiser Group 40	Active   Deploye
Uss Excalibur Ncc-1705	8481.8	Utopia Planitia S	tarfleet Yards Mars Fleet Yards, Sol	8466.8	Capt. Ol'abilk'hak {Xindi-Insectoid} [A-Sexual Species]	Active Sub Quadrant Foxtrot 2	Star Station 1050   6 th Fleet	Heavy Cruiser Group 287	Active   Deploye
Uss Exeter Ncc-1706	8513.7	Newport News S	hip Building East Bank Fleet Yards, Deneb V	8488.6	Capt. Qingshuijian Ust'yanka Mount {Human} [Female]	Active Sub Quadrant November 1	Deep Space Star Station Boshigu   14th Fleet	Heavy Cruiser Group 390	Active   Deploye
Uss Hood Ncc-1707	8521.5	Kuha Keihasalm	Fleet Yards, Kasheeta	8530.7	Capt. Uozoat Watutra {Yateterarren} [Male]	Active Sub Quadrant Alpha 5	Star Base 785   1st Fleet	Heavy Cruiser Group 289	Active   Deploye
Uss Intrepid Ncc-1708-A	8554.7	Abou-Ghazala L	td Ship Yards, Aldeberan Colony	8587.9	Capt. Fukiwo {Rigelian} [Female]	Active Sub Quadrant Hotel 4	Deep Space Star Base 1240   8th Fleet	Heavy Cruiser Group 27	Active   Deploye
Uss Valiant Ncc-1709	8593	Rodriquez Ingen	ieria Lima Fleet Yards, Earth	8605.5	Capt. Nelogla Lubefo {Rogersain} [Female]	Active Sub Quadrant Gamma 6	Star Station Brundish   7th Fleet	Heavy Cruiser Group 208	Active   Deploye
Uss Kongo Ncc-1710	8610.3	Bollaka Incorpor	ated Star Ships Design Ship Yards, Catulla	8618.6	Capt. Zojoem {Coridanian} [Male]	Active Sub Quadrant Gamma 6	Star Station Brundish   7th Fleet	Heavy Cruiser Group 208	Active   Deploye
Uss Potemkin Ncc-1711	8614.6	Asakan Fleet De	sign Ship Yards, Dramian system	8624.8	Capt. Begoun {Orion} [Male]	Active Sub Quadrant November 1	Deep Space Star Station Boshigu   14th Fleet	Heavy Cruiser Group 390	Active   Deploye
Uss Bonhomme Richard Ncc-171	2 8682.8	Abou-Ghazala L	td Ship Yards, Icor IX	8649.6	Capt. Xitadi {Aaamazzarite} [Female]	Active Sub Quadrant Hotel 4	Deep Space Star Base 1240   8th Fleet	Heavy Cruiser Group 27	Active   Deploye
Uss Monitor Ncc-1713	8686.5	Offstop And Ma	kstack Technologies Churston Ferrers Ship Yards, Benzar	8713	Capt. Ax'asolp'kir {Xindi-Insectoid} [A-Sexual Species]	Active Sub Quadrant Alpha 3	Deep Space Star Base 1697   1st Fleet	Heavy Cruiser Group 40	Active   Deploye
Uss Hornet Ncc-1714	8707	Asakan Fleet De	sign Ship Yards, Casperia Prime	8716.9	Capt. Ey'otalz'ule {Uriain} [Female]	Active Sub Quadrant Hotel 4	Deep Space Star Base 1240   8th Fleet	Heavy Cruiser Group 27	Active   Deploye
Uss Merrimac Ncc-1715	8713.6	Damphor LTD I	i'an Ship Yards, Kazarite	8780.8	Capt. Buyeit {Deltan} [Male]	Active Sub Quadrant Foxtrot 2	Star Station 1050   6th Fleet	Heavy Cruiser Group 287	Active   Deploye
Uss Defiant Ncc-1717-A	8750	Starfleet Divisio	n Ship Yards, Mariposa colony	8791	Capt. Puzabra {Xiaopuarren} [Male]	Active Sub Quadrant Alpha 5	Star Base 785   1st Fleet	Heavy Cruiser Group 289	Active   Deploye
Uss El Dorado Ncc-1718	8819	Korallis IX Fleet	Yards Morallis III	8839.3	Capt. Melulne Dokatu {Notoon} [Male]	Active Sub Quadrant Alpha 3	Deep Space Star Base 1697   1 st Fleet	Heavy Cruiser Group 40	Active   Deploye
Uss Kreiger Ncc-1719	8888.5		ry Ship Yards, Efrosia	8987.8	Capt. Oivebe Ourekra {Sanjiaion} [Female]	Active Sub Quadrant Gamma 6	Star Station Brundish   7 th Fleet	Heavy Cruiser Group 208	Active   Deploye

#### **Credits**

MASTERCOM DATA CENTER: This is where I got the initial cover photo idea to start this project.

Paramount Pictures and CBS television: For bringing me the inspiration for the work in the first place.

Gene Roddenberry (The Great Bird of the Galaxy): For having the idea of a future where all people could live together for a common goal. That of seeing what's out there. All the Other Fans: Because we make this possible and keep the faith going to hope for that better future someday.

#### "... to boldly go where no one has gone before."

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-Ship Design

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