

SPACEDOCK

SHIP RECOGNITION MANUAL



**VOLUME 1
THE SHIPS OF STARFLEET**

STAR TREK
THE EXPANDED UNIVERSE

THE SHIP RECOGNITION MANUAL
VOLUME 1: THE SHIPS OF STARFLEET

Author: Steven S. Long

Icon System™ Design: Christian Moore, Steven S. Long with Kenneth Hite, Ross Isaacs

Layout & Publication: Don Mappin

11

89

51

88

21

BEGIN TRANSMISSION
DATA RECEIVED

Special Thanks: To Don Mappin for his fine work laying this (and other) manuscripts out and otherwise helping me make them available to the Last Unicorn Games fan community.

Playtesters: Since most of the ships in this book were reviewed and commented on by the *Spacedock* playtesters, they deserve to be thanked here again. They are: Raymond Albright, Tim M. Aukett, Brad Barrett, Michael L. Beers, Rob Bessey, Matt Blackwell, Don Boys, David Broussard, Darren Bulmer, Doug Burke, Thomas Clegg, Doug Collinsworth, Scott Conner, Timothy Cooke, David DeKeizer, Patrick F. Devaney, Adam Dickstein, Mark Elliott, Bruce Ford, Keith Garrett, Sam Gordon, Dan Granger, Andrew Greeson, Kerri Greeson, Brent Harrison, Bart Heinen, Sam Hinshaw, Richard Holman, Alex Johnston, Chris Joul, Brandon Kern, Mark Kinney, Frank Kowski, Jeffrey Kramer, Robert Lai, Lawrence Lanning, Rick LaRue, Kelly Ledbetter, Andrew Lemanski, Eric Livengood, John Losey, Dave Mallery, Keith Martinson, Andy Mathews, Chris "Mac" McCarver, Jennifer McCollom, Wendell McCollom, Jenna McConnell, Kurt McCoy, Christopher McGlothlin, Huey Miles Jr., Gary Mitchel, Baraka Murdaugh, Dean Nicholson, Owen Oulton, Peter Palmer, Tania Palmer, Georgios "Joe" Panagiotidis, Dieter Passchier, Shawn Penrod, Christian Plante, Matthew Pook, Jennifer Reade, Hobbie Regan, Michael Riley, Patrick T. Riley, David Rosson, Eric Rush, Peter Sauerbrei, Stanley Jack Slater, Matthew Sluis, Jeff Smith, Daniel Stack, Larry L. Stanton, Rick Staple, Richard Steinfeldt, Gaylord "Kimo" Teague, Dan Thompson, Gary Townsend, Larry Widing, Matt Zander, and anyone else involved whom I, with deepest apologies, have forgotten.

Dedication: To the many talented individuals who have worked on the *Star Trek* television shows to create such fascinating starships for us.

Acknowledgement: *Sovereign* mesh by Ed Giddings (<http://www.quantumss.freereserve.co.uk>). Used in accordance with license agreement.

Permission granted to print and reproduce the document for own private use.

STAR TREK™, ® & ©2000 Paramount Pictures. All Rights Reserved. STAR TREK and Related Marks are Trademarks of Paramount Pictures. Used Without Permission

All Original Material Copyright ©2000 Steven S. Long.

First Release — December 2000

VISIT US ON THE WEB AT [HTTP://WWW.TREK RPG.NET](http://www.trek RPG.net)

TABLE OF CONTENTS

INTRODUCTION 1

STARFLEET VESSELS

Akira	2
Ambassador	6
Andromeda	8
Apollo	12
Bradbury	15
Centaur	18
Challenger	21
Cheyenne	24
Chimera	27
Constellation	30
Curry	33
Danube	36
Defiant	39
Deneva	43
Excelsior	46
Freedom	49
Galaxy	52
Hokule'a	56
Intrepid	59
Istanbul	63
Korolev	66
Mediterranean	69
Merced	72
Miranda	75
Nebula	80
New Orleans	83
Niagara	87
Norway	90
Nova	93
Oberth	97
Olympic	100
Prometheus	103
Renaissance	107
Rigel	110
Saber	113
Sequoia	116
Sovereign	120
Springfield	124
Steamrunner	127
Surak	130
Talon	133
Wambundu	136
Yeager	139
Yorkshire	142
Zodiac	145
Federation Shuttlecraft	148

ALLIED AND THREAT SPECIES VESSELS

Borg Cube	151
Cardassian Galor	154
Ferengi D'Kora	157
Dominion Attack Ship	160
Dominion Battle Cruiser	162
Klingon B'rel	165
Klingon K'Vort	168
Klingon Vor'cha	171
Romulan D'deridex	174

INTRODUCTION

11

89

51

88

21

BEGIN TRANSMISSION
DATA RECEIVED

Welcome to the first in a series of *Ship Recognition Manuals*—the first of many to come, hopefully, given the vast number of ships populating the universe of *Star Trek* and the vast interest so many gamers have in them.

As the title indicates, this book uses the advanced starship construction and combat rules provided in Last Unicorn's book *Spacedock*. You won't find any new rules or the like in this book, but it describes all the ships with the *Spacedock* rules. Without *Spacedock*, you'll find that a lot of the technology described on the various Starship Templates doesn't make a whole lot of sense to you.

This volume concentrates primarily on the vessels of Starfleet. From the *Akira*-class Heavy Cruiser to the *Zodiac*-class Cruiser, you'll find plenty of options to choose from when deciding what type of ship your characters live on in your series, which ships to include in a Starfleet attack squadron for a Dominion War scenario, or what kind of ship the Crew will see when they respond to that distress call they just received.

However, this book isn't *entirely* devoted to Starfleet vessels; there's a handful of commonly encountered allied and Threat species vessels as well, such as the Jem'Hadar Attack Ship or *D'deridex*-class warbird. Narrators who can't find a particular vessel they're looking for in this book can simply adapt one of the ships presented, or use the *Spacedock* rules to create it on their own.



AKIRA CLASS

Class and Type: Akira-class Heavy Cruiser

Commissioning Date: 2368

HULL SYSTEMS

Size: 7

Length: 464.43 meters

Beam: 316.67 meters

Height: 87.43 meters

Decks: 19

Mass: 3,055,000 metric tonnes

SUs Available: 2,625

SUs Used: 2,554

HULL

Outer 28

Inner 28

RESISTANCE

Outer Hull: 10 12

Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)

[1 Power/10 Protection/round] 31

Backup: Class 5 (Protection 40)

[1 Power/10 Protection/round] 16

Backup: Class 5 (Protection 40)

[1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 500/55/4,500

CREW QUARTERS

Spartan: None

Basic: 400 40

Expanded: 75 15

Luxury: 35 35

Unusual: 20 20

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28

Reserve Life Support [6 Power/round] 14

Emergency Life Support (42 emergency shelters) 14

Gravity [4 Power/round] 7

Consumables: 3 years' worth 21

Food Replicators [7 Power/round] 7

Industrial Replicators 13

Type: Network of small replicators [2 Power/round]

Type: 2 large units [2 Power/replicator/round]

Medical Facilities: 8 (+2) [8 Power/round] 40

Recreation Facilities: 6 [12 Power/round] 48

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21

Fire Suppression System [1 Power/round when active] 7

Cargo Holds: 300,000 cubic meters 9

Locations: Middle of saucer section, elsewhere throughout ship

Escape Pods 9

Number: 180

Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6E8 116

Speed: 6.0/9.4/9.8 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Location: Saucer section, aft

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Location: Aft terminus of Engineering hull spars

Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 10/P (generates 530 Power/round) 113

Location: Control tower

Impulse Engine[s]: 2 Class 8 (generate 64 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type E (generates 45 Power/round) 45

EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 658

OPERATIONS SYSTEMS

Bridge: Saucer section dorsal,
between the two Engineering hull spars 35

Auxiliary Control Room: Battle bridge in control tower 21

Separation System: Saucer separation [10 Power] 9

COMPUTERS

Core 1: Saucer [5 Power/round] 14

Core 2: Saucer [5 Power/round] 14

Core 3: Control tower [5 Power/round] 14

ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Saucer section, ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 48

Range Package: Type 6 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 24

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 22

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Probes: 40 4

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 2 [1 Power/round in use]	14
Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 1	1
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	24
Strength: 6 [2 Power/round]	
Number: 6	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 9 [2 Power/round]	25
Strength: 9	
Security: -6 (Class Delta uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: One in each aft shuttlebay	

TRANSPORTERS

Type: Personnel [4 Power/use]	64
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, one in each Engineering spar	
Type: Emergency [6 Power/use]	64
Pads: 20	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, one in each Engineering spar	
Type: Cargo [4 Power/use]	52
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in shuttlebay central zone, others in three largest cargo holds	

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	17
Specialized Systems: None	
Laboratories: 16	4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array (Port)	23
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, ventral port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array (Starboard)	23
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, ventral starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Phaser Array (Port)	14
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, aft, port	
Firing Arc: 360 degrees aft, with significant arc shadows from spars	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Phaser Array (Starboard)	14
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, aft, starboard	
Firing Arc: 360 degrees aft, with significant arc shadows from spars	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Control Tower Dorsal Array	15
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Control tower, dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

- Forward Ventral Torpedo Launcher** 13
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral (beneath navigational deflector)
 Firing Arc: Forward, but are self-guided
- Saucer Forward Ventral Torpedo Launchers (3)** 39
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral on saucer, below shuttlebay doors
 Firing Arc: Forward, but are self-guided
- Saucer Aft Torpedo Launchers (1 Port, 1 Starboard)** 26
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Aft edge of saucer (one to port, one to starboard)
 Firing Arc: Aft, but are self-guided
- Saucer Dorsal Torpedo Launchers (2 Port, 2 Starboard)** 52
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Edges of saucer, dorsal (two to port, two to starboard)
 Firing Arc: Port or starboard, but are self-guided
- Forward Tower Torpedo Launchers (4)** 52
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Forward on control tower
 Firing Arc: Forward, but are self-guided
- Aft Tower Torpedo Launcher** 13
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Aft side of control tower
 Firing Arc: Aft, but are self-guided
- Torpedoes Carried: 900, primarily Type II photon torpedoes** 90
- TA/T/TS: Class Gamma [2 Power/round]** 12
 Strength: 9
 Bonus: +2
- Weapons Skill: 5**

- Shields (Forward, Aft, Port, Starboard)** 82 (x4)
 Shield Generator: Class 5 (Protection 1000) [100 Power/shield/round]
 Shield Grid: Type C (50% increase to 1500 Protection)
 Subspace Field Distortion Amplifiers: Class Zeta (Threshold 275)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8
- Auto-Destruct System** 7

AUXILIARY SPACECRAFT SYSTEMS

- Shuttlebay(s): Capacity for 100 Size worth of ships** 200
 Standard Complement: 30-50 Starfleet Attack Fighters, any remaining space occupied by shuttlecraft
 Location(s): Saucer section, forward and aft
- Captain's Yacht: No**

DESCRIPTION AND NOTES

Fleet data: The *Akira*-class Heavy Cruiser is perhaps the most heavily armed vessel ever created by Starfleet. Boasting six Type X phaser arrays and fifteen torpedo launchers, it can project an impressive amount of force.

The *Akira* began development in 2350 under the aegis of the Perimeter Defense Directive. The PDD saw a need for a cruiser with heavier armaments than existing Starfleet vessels, and began designing ships to fill that gap. Events during the *Akira*'s development process, such as the Cardassian war, Tzenkethi war, and renewed contact with the Romulans, only reinforced the need for the *Akira* and other PDD ships in the minds of Starfleet Command.

The *Akira* entered service in 2368. In addition to its role as a defense and threat-response vessel, at which it excels, it acts as a carrier for Starfleet attack fighters and other small vessels. The central axis of its saucer includes by two enormous shuttlebays connected by an extensive repair and maintenance area. The carried ships depart the *Akira* through three shuttlebay doors on the forward side of the saucer, and return to roost through two smaller shuttlebay doors on the aft side of the saucer.

Physically, the *Akira* is one of Starfleet's most unusual designs. While it has the typical forward saucer (one nearly as wide as the saucer on a *Sovereign*-class vessel), its Engineering hull consists of two large "spars" connected at their aft ends by two upward-slanted nacelle pylons. Where the spars attach to the saucer, they create a "valley" in which the ship's bridge is located. This provides the bridge with an extra degree of protection against most attacks. When detached from the saucer section, the Engineering hull resembles a gigantic letter *pi* with two warp nacelles.

Where the two pylons meet between the spars there's a large "control tower" which oversees the return of fighters (and protects them with its torpedo launchers). The control tower contains the ship's warp engine and battle bridge.

Noteworthy vessels/service records/encounters: *U.S.S. Akira*, NCC-62497, prototype; *U.S.S. Black Elk*, NCC-62505, lost during routine patrol along Cardassian border (2369); *U.S.S. Geronimo*, destroyed in action in the Chin'toka System (2375); *U.S.S. Mateo*, destroyed five *Galor*-class vessels during Operation Return (2374); *U.S.S. Susquehanna*, NCC-62797, engaged the Tholians during the Draconis IX Perimeter Action (2371), *U.S.S. Rabin*, NCC-63293, helped recapture the stolen *U.S.S. Prometheus* (2375), *U.S.S. Spector*, NCC-63549, helped recapture the stolen *U.S.S. Prometheus* (2375), *U.S.S. Thunderchild*, NCC-65449, participated in defense of Sector 001 during Borg incursion (2373), helped recapture the stolen *U.S.S. Prometheus* (2375).

SS
LO
NG89 ER
65 00
21 MS
02 IR
99 HC

AMBASSADOR CLASS

Class and Type: Ambassador-class Heavy Cruiser

Commissioning Date: 2322

HULL SYSTEMS

Size: 7

Length: 526.33 meters

Beam: 325.26 meters

Height: 180.15 meters

Decks: 40

Mass: 3,825,000 metric tonnes

SUs Available: 2,050

SUs Used: 1,961

HULL

Outer 28

Inner 28

RESISTANCE

Outer Hull: 6

Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
[1 Power/10 Protection/round] 28

Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 14

Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 900/200/10,000

CREW QUARTERS

Spartan: None

Basic: 80

Expanded: 150

Luxury: 60

Unusual: 15

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 28

Reserve Life Support [6 Power/round] 14

Emergency Life Support (42 emergency shelters) 14

Gravity [4 Power/round] 7

Consumables: 3 years' worth 21

Food Replicators [7 Power/round]

Industrial Replicators 10

Type: Network of small replicators [2 Power/round]

Type: 1 large unit [2 Power/replicator/round]

Medical Facilities: 7 (+2) [7 Power/round] 35

Recreation Facilities: 6 [12 Power/round] 48

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21

Fire Suppression System [1 Power/round when active] 7

Cargo Holds: 300,000 cubic meters 9

Locations: Aft saucer section, mid-dorsal Engineering section, other

Escape Pods 9

Number: 160

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E 75

Speed: 5.0/9.0/9.2 [1 Power/.2 warp speed]

PIS: Type C (6 hours of Maximum warp) 6

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25

Location: Aft Engineering section

Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 445 Power/round) 95

Location: Engineering section

Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)

Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9

Emergency Power: Type D (generates 40 Power/round) 40

EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 485

OPERATIONS SYSTEMS

Bridge: Saucer section, dorsal 35

Auxiliary Control Room: Engineering section 21

COMPUTERS

Core 1: Saucer [5 Power/round] 14

Core 2: Engineering [5 Power/round] 14

Uprating: Class Alpha (+1) [1 Power/computer/round] 4

ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Forward ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 37

Range Package: Type 5 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round] 17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 60 6

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2

[1 Power/round in use] 11

ALLO
RYN
032501

Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 1	1
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	19
Strength: 7	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Aft shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	60
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Two in saucer section, two in Engineering section	
Type: Emergency [6 Power/use]	56
Pads: 20	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Two in saucer section, two in Engineering section	
Type: Cargo [4 Power/use]	44
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Two in saucer section, two in Engineering section	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7
SCIENCE SYSTEMS	
Rating 3 (+2) [3 Power/round]	22
Specialized Systems: 2	10
Laboratories: 25	6

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array (Forward)	17
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal, forward	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array (Port)	17
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal, port	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array (Starboard)	17
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal, starboard	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array (Aft Port)	13
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal, aft, port	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array (Aft Starboard)	13
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, dorsal, aft, starboard	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array (Forward)	15
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 50 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer section, ventral, forward	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Saucer Ventral Phaser Array (Port) 15

Type: VIII

Damage: 160 [16 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Saucer section, ventral, port

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array (Starboard) 15

Type: VIII

Damage: 160 [16 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Saucer section, ventral, starboard

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward ventral

Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft dorsal

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200 20**TA/T/TS: Class Alpha [0 Power/round] 6**

Strength: 7

Bonus: +0

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard) 68 (x4)**

Shield Generator: Class 4 (Protection 700) [70 Power/shield/round]

Shield Grid: Type C (50% increase to 1050 Protection)

Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 7**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 30 Size worth of ships 60**

Standard Complement: Mix of 10-15 shuttlecraft and shuttlepods

Location(s): Aft Engineering section, saucer aft dorsal

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: The *Ambassador* is the oldest type of Heavy Cruiser currently in service in Starfleet. Developed in the first two decades of the 24th century, it was the largest, most powerful ship in the fleet from its commissioning in 2322 until the *Galaxy*-class was commissioned. Many of the technological innovations created during the development and use of the *Ambassador*-class were incorporated in, or influenced, the *Galaxy*-class and many other ships.

Although they're now getting a bit long in the tooth, *Ambassador*-class ships have been kept in good condition due to frequent maintenance and upgrading. Starfleet estimates that existing *Ambassadors* have a useful life of approximately another 20 years as of 2375. However, substantially damaged vessels (such as casualties of the Dominion War) will not be repaired or refitted.

Noteworthy vessels/service records/encounters: *U.S.S. Ambassador*, prototype; *U.S.S. Adelphi*, NCC-26849, conducted disastrous first contact with planet Ghorusda; *U.S.S. Enterprise-C*, NCC-1701-C, commanded by Capt. Rachel Garrett, destroyed at Narendra III while defending Klingon outpost against massive Romulan attack (2344); *U.S.S. Excalibur*, NCC-26517, served in blockade of Duras faction during Klingon civil war (2367-68); *U.S.S. Horatio*, NCC-10532, destroyed at Dytallix B by intelligent alien parasites attempting to infiltrate Starfleet (2364); *U.S.S. Valdemar*, NCC-26198, patrolled Federation-Cardassian Demilitarized Zone (2370). Also in service: *U.S.S. Gandhi* (NCC-26632), *U.S.S. Zhukov* (NCC-26136).

ANDROMEDA CLASS

Class and Type: *Andromeda*-class Explorer

Commissioning Date: 2362

HULL SYSTEMS

Size: 7

Length: 412.75 meters
Beam: 273.66 meters
Height: 154.78 meters
Decks: 33
Mass: 3,150,000 metric tonnes
SUs Available: 2,600
SUs Used: 2,465

HULL

Outer 28
Inner 28

RESISTANCE

Outer Hull: 8 9
Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120) [1 Power/10 Protection/round] 31
Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 16
Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 635/160/9,000

CREW QUARTERS

Spartan: None
Basic: 500 50
Expanded: 100 20
Luxury: 40 40
Unusual: 20 20

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 28
Reserve Life Support [6 Power/round] 14
Emergency Life Support (42 emergency shelters) 14
Gravity [4 Power/round] 7
Consumables: 3 years' worth 21
Food Replicators [7 Power/round] 7
Industrial Replicators 13
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round]
Medical Facilities: 9 (+2) [9 Power/round] 45
EMH: Mark I [2 Power/round when active] 5
Recreation Facilities: 7 [14 Power/round] 56
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
Fire Suppression System [1 Power/round when active] 7
Cargo Holds: 400,000 cubic meters 12
Locations: Saucer ventral aft port, saucer ventral aft starboard, Engineering aft, others
Escape Pods
Number: 160 9
Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6E 115
Speed: 6.0/9.4/9.6 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
Location: Saucer aft

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
Location: Engineering aft
Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 12/R (generates 625 Power/round) 133
Location: Engineering

Impulse Engine[s]: 2 Class 6 (generate 48 Power/engine/round) 12
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 45
Emergency Power: Type E (generates 45 Power/round) 65
EPS: Standard Power flow, +300 Power transfer/round

Standard Usable Power: 721

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35
Auxiliary Control Room: Battle bridge, Engineering dorsal 21
Separation System: Saucer separation [10 Power] 9

COMPUTERS

Core 1: Saucer [5 Power/round] 14
Core 2: Saucer [5 Power/round] 14
Core 3: Engineering [5 Power/round] 14
Upgrading: Class Beta (+2) [2 Power/round] 12
ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Forward ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 54
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 10 (Strength 10)
Gain Package: Class Beta (+2)
Coverage: Standard
Lateral Sensors [5 Power/round] 26
Strength Package: Class 10 (Strength 10)
Gain Package: Class Beta (+2)
Coverage: Standard
Navigational Sensors: [5 Power/round] 24
Strength Package: Class 10 (Strength 10)
Gain Package: Class Beta (+2)
Probes: 80 8

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 2 [1 Power/round in use] 14
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 1 1
 Inertial Damping Field
 Main 56
 Strength: 9 [3 Power/round]
 Number: 4
 Backup 16
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 10 [2 Power/round] 26
 Strength: 10
 Security: -5
 Basic Upgrading: Class Beta (+2)
 Emergency Communications: Yes [2 Power/round] 1
 Holocommunications: Yes 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 6
 Accuracy: 5/6/8/11
 Location: One in each shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 90
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: 3 in saucer, 2 in Engineering
 Type: Emergency [6 Power/use] 68
 Pads: 20
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: 2 in saucer, 2 in Engineering
 Type: Cargo [4 Power/use] 70
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: 3 in saucer, 2 in Engineering

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 7
 Internal Force Fields [1 Power/3 Strength] 7

SCIENCE SYSTEMS

Rating 3 (+2) [3 Power/round] 22
 Specialized Systems: 2 10
 Laboratories: 35 8

TACTICAL SYSTEMS

Saucer Ventral Phaser Array 48
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer, ventral
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Phaser Array 48
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer, dorsal
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array 24
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering, ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Ventral Phaser Array 24
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering, aft ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Dorsal Phaser Array 24
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering, aft dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Dorsal Array 24
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering, forward (concealed when ship not separated)
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral, above navigational deflector
 Firing Arc: Forward, but are self-guided

Forward Dorsal Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Dorsal, forward of bridge
 Firing Arc: Forward, but are self-guided

Aft Dorsal Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft dorsal
 Firing Arc: Aft, but are self-guided

Aft Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 220 22**TA/T/TS: Class Gamma [2 Power/round]** 12

Strength: 9
 Bonus: +2

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)** 93 (x4)

Shield Generator: Class 6 (Protection 1100)
 [110 Power/shield/round]
 Shield Grid: Type C (50% increase to 1650 Protection)
 Subspace Field Distortion Amplifiers: Class Eta (Threshold 350)
 Recharging System: Class 2 (40 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System 7**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 35 Size worth of ships** 70

Standard Complement: 12 shuttlecraft, 11 shuttlepods
 Location(s): Main shuttlebay (aft saucer), two secondary shuttlebays
 (Engineering forward dorsal)

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: Developed during the same time-frame as the *Nebula*- and *Akira*-class cruisers, the *Andromeda*-class ship incorporates many design innovations developed for them, but expands them for use in an Explorer vessel, creating a ship referred to by some as an "Explorer-Cruiser hybrid." For example, it has more torpedo launchers than the *Galaxy*-class ship, but fewer phaser arrays and weaker shields. It features three warp nacelles—two in the standard port and starboard pylons configuration, plus a third nacelle mounted on a pylon which juts aft from the forward section of the Engineering hull's dorsal spine.

Andromeda-class Explorers have been the subject of several large-scale class-wide uprating procedures. Among other things, this work has improved the vessel's speed and given it several hologram-based systems, including an EMH and holocommunications. ASDB researchers are considering using the *Andromeda* as a testbed for further "holographic personnel" programs, such as the Long-Term Medical Hologram and others.

The *Andromeda*-class has proven well-suited for long-range exploration and perimeter defense missions. During the Dominion War, many vessels of this class served as the flagships for many different wings or sub-fleets.

Noteworthy vessels/service records/encounters: *U.S.S. Andromeda*, prototype; *U.S.S. Drake*, NCC-70956, ambushed and damaged by Klingon battle group (2373) (not to be confused with the *Wambundu*-class vessel of the same name); *U.S.S. Prokofiev*, NCC-68814, dispatched to Cardassian Demilitarized Zone after Cardassians kidnapped Chief of Operations Miles O'Brien (2370); *U.S.S. Kalvos*, NCC-68924, suffered significant damage from orbital weapon platform attacks during assault on Chin'toka system (2375).

APOLLO CLASS

Class and Type: *Apollo-class Light Cruiser*

Commissioning Date: 2325

HULL SYSTEMS

Size: 4

Length: 148.34 meters

Beam: 35.76 meters

Height: 25.6 meters

Decks: 5

Mass: 110,000 metric tonnes

SUs Available: 1,300

SUs Used: 1,262

HULL

Outer 16

Inner 16

RESISTANCE

Outer Hull: 6

Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)

[1 Power/10 Protection/round]

25

Backup: Class 4 (Protection 40)

[1 Power/10 Protection/round]

13

Backup: Class 4 (Protection 40)

[1 Power/10 Protection/round]

13

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 217/550/3,250

CREW QUARTERS

Spartan: 200

10

Basic: 440

44

Expanded: 110

22

Luxury: 30

30

Unusual: 5

5

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round]

16

Reserve Life Support [5 Power/round]

8

Emergency Life Support (24 emergency shelters)

8

Gravity [2 Power/round]

4

Consumables: 1 years' worth

4

Food Replicators [4 Power/round]

4

Industrial Replicators

10

Type: Network of small replicators [2 Power/round]

Type: 1 large unit [2 Power/replicator/round]

Medical Facilities: 4 (+1) [4 Power/round]

20

Recreation Facilities: 5 [10 Power/round]

40

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round]

12

Fire Suppression System [1 Power/round when active]

4

Cargo Holds: 10,000 cubic meters

1

Locations: Aft, 6 other locations throughout the ship

Escape Pods

6

Number: 100

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D

105

Speed: 6.0/9.2/9.6 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp)

16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round]

30

Location: Aft propulsion section

Reaction Control System (.025c) [2 Power/round when in use]

4

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 425 Power/round)

93

Location: Amidships

Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)

Auxiliary Power: 3 reactors (generate 5 Power/reactor/round)

9

Emergency Power: Type D (generates 40 Power/round)

40

EPS: Standard Power flow, +250 Power transfer/round

37

Standard Usable Power: 473

OPERATIONS SYSTEMS

Bridge: Saucer dorsal

20

COMPUTERS

Core 1: Forward [5 Power/round]

8

Core 2: Amidships [5 Power/round]

8

Upgrading: Class Alpha (+1) [1 Power/computer/round]

4

ODN

12

Navigational Deflector [5 Power/round]

16

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Dorsal

SENSOR SYSTEMS

Long-range Sensors [5 Power/round]

37

Range Package: Type 5 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round]

17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round]

16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 40

4

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2

[1 Power/round in use]

11

Navigational Computer

Main: Class 2 (+1) [1 Power/round]

2

Backups: 2

2

Inertial Damping Field	16
Main	
Strength: 9 [3 Power/round]	
Number: 2	
Backup	4
Strength: 6 [2 Power/round]	
Number: 2	
Attitude Control [1 Power/round]	1
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	14
Strength: 7	
Security: -3	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft	
Emitter: Class Alpha [3 Power/Strength used/round]	9
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	34
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One forward, one aft	
Type: Emergency [4 Power/use]	28
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One forward, one aft	
Type: Cargo [5 Power/use]	26
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One forward, one aft	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	4
Internal Force Fields [1 Power/3 Strength]	4
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	14
Specialized Systems: None	
Laboratories: 7	2

TACTICAL SYSTEMS

Forward Phaser Array	20
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Phaser Array	20
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Forward	
Firing Arc: Forward, but are self-guided	

Torpedoes Carried: 40 4

TA/T/TS: Class Alpha [0 Power/round]	6
Strength: 7	
Bonus: +0	

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 39 (x4)

Shield Generator: Class 4 (Protection 660) [66 Power/shield/round]	
Shield Grid: Type C (50% increase to 880 Protection)	
Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 220)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4

Auto-Destruct System 4

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 6 Size worth of ships 12

Standard Complement: 3 shuttlecraft	
Location(s): Aft	

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: Perhaps the lightest of Starfleet's Light Cruisers, the *Apollo*-class vessel's appearance reveals the fact that it was designed by a team of Vulcan engineers. Instead of the more common pylons, it uses a structure with a trapezoidal cross-section which completely surrounds the ship to hold the nacelles—making the vessel look disturbingly like many Romulan craft to some observers. The main hull itself is a long cylinder which also has a trapezoidal cross-section.

The *Apollo*-class ship's primary role is as a transport for troops and other persons who must pass through dangerous areas. Although only lightly armed, it's usually fast and maneuverable enough to avoid or outrun trouble. In times of conflict, it may also play a secondary support role for wings of ships.

Noteworthy vessels/service records/encounters: *U.S.S. Apollo*, prototype; *U.S.S. T'Pol*, NSP-17938, decommissioned and sent to Federation Surplus Depot Zed-15 orbiting Qualor II (2364), stolen as part of Romulan plot to attack Vulcan and later destroyed by the Romulans (2368); *U.S.S. Chengdai*, NCC-32759, served as troop transport during Cardassian conflict (2356-2367).

BRADBURY CLASS

Class and Type: Bradbury-class Heavy Frigate

Commissioning Date: 2362

HULL SYSTEMS

Size: 6

Length: 335.62 meters
Beam: 125.86 meters
Height: 53.5 meters
Decks: 10
Mass: 1,150,000 metric tonnes
SUs Available: 1,960
SUs Used: 1,856

HULL

Outer 24
Inner 24

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
[1 Power/10 Protection/round] 24
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12

**Specialized Hull: Atmospheric Capability;
Planetfall Capability** 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 428/90/6,850

CREW QUARTERS

Spartan: None
Basic: 350 35
Expanded: 50 10
Luxury: 30 30
Unusual: 12 12

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 24
Reserve Life Support [6 Power/round] 12
Emergency Life Support (36 emergency shelters) 12
Gravity [3 Power/round] 6
Consumables: 2 years' worth 12
Food Replicators [6 Power/round] 6
Industrial Replicators 9
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 5 (+1) [5 Power/round] 25
Recreation Facilities: 5 [10 Power/round] 40
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
Fire Suppression System [1 Power/round when active] 6
Cargo Holds: 100,000 cubic meters 3
Locations: Engineering forward port and starboard

Escape Pods 8
Number: 140
Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5C 65
Speed: 5.0/8.0/9.0 [1 Power/.2 warp speed]
PIS: Type E (8 hours of Maximum warp) 10

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Engineering aft

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Saucer aft, port and starboard
Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 485 Power/round) 104
Location: Engineering
Impulse Engine[s]: 2 Class 4B (generate 38 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type C (generates 35 Power/round) 35
EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 561

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30
Separation System: Saucer separation [10 Power] 7

COMPUTERS

Core 1: Saucer [5 Power/round] 12
Core 2: Engineering [5 Power/round] 12
Upgrading: Class Alpha (+1) [1 Power/computer/round] 4
ODN 18

Navigation Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Ventral, at forward end of Engineering hull

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: Standard

Lateral Sensors [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard

Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)

Probes: 50 5

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 1 1

Inertial Damping Field
 Main 36
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4

Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 24
 Strength: 8
 Security: -4 (Class Gamma uprating)
 Basic Uprating: Class Beta (+2)

Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Forward dorsal, aft ventral

Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [4 Power/use] 48
 Pads: 4
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering

Type: Emergency [5 Power/use] 60
 Pads: 16
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, two in Engineering

Type: Cargo [4 Power/use] 39
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in Engineering, one in saucer

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 2 10
 Laboratories: 12 4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 33
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer forward dorsal
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 32
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer forward ventral
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Dorsal Phaser Array 22
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering aft dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Ventral Phaser Array 22
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering aft ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Port Nacelle Pylon Dorsal Phaser Array 19
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 60 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Port nacelle pylon dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Starboard Nacelle Pylon Dorsal Phaser Array 19
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 60 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Starboard nacelle pylon dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Torpedo Pod Forward Torpedo Launchers (3) 45

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Torpedo pod, forward
 Firing Arc: Forward, but are self-guided

Torpedo Pod Aft Torpedo Launchers (2) 30

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Torpedo pod, aft
 Firing Arc: Aft, but are self-guided

Ventral Torpedo Launcher 17

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 10
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Ventral forward, mounted on bottom of Engineering
 Firing Arc: Forward, but are self-guided

Torpedoes Carried: 300 30**TA/T/TS: Class Gamma [2 Power/round]** 12

Strength: 9
 Bonus: +2

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)** 65 (x4)

Shield Generator: Class 5 (Protection 900) [90 Power/shield/round]
 Shield Grid: Type C (50% increase to 1350 Protection)
 Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System 6**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 30 Size worth of ships** 60

Standard Complement: 15 shuttlecraft, 5 shuttlepods
 Location(s): Engineering aft

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: The *Bradbury*-class is a Heavy Frigate designed for missions in or near high-threat regions of space (such as near the Romulan Neutral Zone or any system fought over in the Dominion War). It combines strong shields with a powerful weapons array and a high degree of speed and maneuverability to create a potent offensive platform.

Physically, the *Bradbury* consists of a separable arrowhead-shaped saucer section, an Engineering section with a roughly trapezoidal cross-section, and two downward-curving

nacelle pylons attached to the aft dorsal side of Engineering. Additionally, mounted to the forward part of Engineering's dorsal spine is a torpedo pod which contains five torpedo launchers (three forward, two aft). The pod looks over the saucer like a cobra, ready to fire at any hostile ships, giving the *Bradbury* a slightly sinister appearance in the eyes of some officers. The ship shares many design elements with the *Intrepid*-class Light Explorer, and could be considered one of that class's predecessor designs.

One advantage which *Bradbury*-class vessels enjoy compared to most ships of their size is the ability to enter planetary atmospheres, and even to make planetfall. Clever *Bradbury* commanders use atmospheres as cover, hiding in them where other ships cannot follow (and torpedoes break apart).

Due to the placement of the *Bradbury*'s torpedo launchers, it suffers from a "torpedo arc shadow" in the aft ventral angle. Although some of its phaser arrays can target ships in that area, the only way to attack a target in that region with a torpedo is to fire it aft dorsal and direct it to change course to hit the target. ASDB tactical engineers are examining possible solutions to this problem, which contributed to the destruction of several *Bradbury*-class vessels during the Dominion War.

Noteworthy vessels/service records/encounters: *U.S.S. Bradbury*, NX-72307, prototype; *U.S.S. Charhev*, NCC-74120, destroyed two Green ships and was in turn destroyed defending Earth (2375); *U.S.S. Joyce*, NCC-73097, destroyed in the Tyra system disaster (2374); *U.S.S. Tolkien*, NCC-73112, helped defeat Dominion force attempting to conquer Vulcan (2375); *U.S.S. Twarel*, NCC-73113, participated in liberation of Betazed (2375).

CENTAUR CLASS

Class and Type: *Centaur-class Cruiser*

Commissioning Date: 2373

HULL SYSTEMS

Size: 6

Length: 381.87 meters

Beam: 320.16 meters

Height: 78.54 meters

Decks: 16

Mass: 870,000 metric tonnes

SUs Available: 1,825

SUs Used: 1,746

HULL

Outer 24

Inner 24

RESISTANCE

Outer Hull: 8 9

Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90) 24

[1 Power/10 Protection/round] 24

Backup: Class 3 (Protection 30) 12

[1 Power/10 Protection/round] 12

Backup: Class 3 (Protection 30) 12

[1 Power/10 Protection/round] 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 315/50/3,000

CREW QUARTERS

Spartan: None

Basic: 280 28

Expanded: 40 8

Luxury: 20 20

Unusual: 8 8

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24

Reserve Life Support [5 Power/round] 12

Emergency Life Support (36 emergency shelters) 12

Gravity [3 Power/round] 6

Consumables: 1 years' worth 6

Food Replicators [6 Power/round] 6

Industrial Replicators 9

Type: Network of small replicators [2 Power/round]

Type: 1 large unit [2 Power/replicator/round]

Medical Facilities: 7 (+2) [7 Power/round] 35

Recreation Facilities: 5 [10 Power/round] 40

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18

Fire Suppression System [1 Power/round when active] 6

Cargo Holds: 66,000 cubic meters 2

Locations: Various small holds throughout saucer

Escape Pods 8

Number: 140

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A6 93

Speed: 6.0/8.0/9.6 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Acceleration Uprating: Class Beta (75% acceleration)

[2 Power/round when active] 4

Location: Saucer aft, port and starboard

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [x/x Power/round] 40

Acceleration Uprating: Class Beta (75% acceleration)

[2 Power/round when active] 4

Location: Engineering module, aft

Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 495 Power/round) 105

Location: Engineering module

Impulse Engine[s]: 2 Class 8 (generate 64 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type D (generates 40 Power/round) 40

EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 563

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer [5 Power/round] 12

Core 2: Engineering module [5 Power/round] 12

Uprating: Class Alpha (+1) [1 Power/computer/round] 4

ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Engineering module forward

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 34

Range Package: Type 6 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round] 17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 40 4

ALLO
RYN
032501

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 1 1
 Inertial Damping Field
 Main 36
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 21
 Strength: 8
 Security: -4 (Class Gamma uprating)
 Basic Uprating: Class Alpha (+1)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 48
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in engineering module
 Type: Emergency [5 Power/use] 28
 Pads: 16
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in engineering module
 Type: Cargo [4 Power/use] 17
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: One in saucer, one in engineering module

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 1 5
 Laboratories: 14 4

TACTICAL SYSTEMS

Saucer Ventral Phaser Arrays (4) 56

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round per array)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Four arrays spaced equidistantly around forward three-quarters of saucer, ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Phaser Arrays (4) 56

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round per array)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Four arrays spaced equidistantly around forward three-quarters of saucer, dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Phaser Array 21

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer aft, between impulse engines
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering module aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 120 12

TA/T/TS: Class Beta [1 Power/round] 9

Strength: 8
 Bonus: +1

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard) 76 (x4)

Shield Generator: Class 6 (Protection 1050) [105 Power/shield/round]
 Shield Grid: Type C (50% increase to 1575 Protection)
 Subspace Field Distortion Amplifiers: Class Eta (Threshold 350)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System**6**

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 20 Size worth of ships 40

Standard Complement: 8 shuttlecraft and 4 shuttlepods, or 10 Starfleet attack fighters

Location(s): Saucer aft

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *Centaur*-class Cruiser, like the *Curry*-class or *Yeager*-class, is a product of the desperation created by the threat of the Dominion and war with it. In order to field as many vessels as possible to counter the Dominion's military incursion into the Alpha Quadrant, Starfleet had to construct many vessels quickly, without the full complement of systems and capabilities possessed by most of its ships. The *Centaur* is the perfect example. It consists of a modified *Excelsior*-class saucer to which is attached two warp nacelles via two short pylons and a small "engineering module" at the aft of the saucer. To make it a powerful combatant, it's equipped with nine phaser arrays and two torpedo launchers. Although it has no separation system, it has a second impulse system to back up the first and provide extra Power.

The *Centaur*-class has no reason for existence beyond combat. It lacks the advanced systems and storage capabilities necessary for exploration or long-term patrols, or the facilities necessary for diplomatic missions. However, it definitely helped to bolster the often all too weak Federation lines in the Dominion War.

Noteworthy vessels/service records/encounters: *U.S.S. Centaur*, prototype constructed in 2373; *U.S.S. Chiron*, participated in Operation Return (2374).

CHALLENGER CLASS

Class and Type: *Challenger-class Light Cruiser*

Commissioning Date: 2355

HULL SYSTEMS

Size: 5

Length: 243.56 meters
Beam: 140.3 meters
Height: 48.68 meters
Decks: 8
Mass: 365,000 metric tonnes
SUs Available: 1,325
SUs Used: 1,233

HULL

Outer 20
Inner 20

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
[1 Power/10 Protection/round] 23
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 212/80/2,750

CREW QUARTERS

Spartan: None
Basic: 16
Expanded: 10
Luxury: 25
Unusual: 10

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 20
Reserve Life Support [5 Power/round] 12
Emergency Life Support (30 emergency shelters) 12
Gravity [2 Power/round] 5
Consumables: 2 years' worth 10
Food Replicators [5 Power/round] 5
Industrial Replicators 8
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 5 (+1) [5 Power/round] 25
Recreation Facilities: 4 [8 Power/round] 32
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
Fire Suppression System [1 Power/round when active] 5
Cargo Holds: 33,000 cubic meters 1
Locations: Saucer aft, other locations throughout saucer
Escape Pods 6
Number: 120
Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5D 70
Speed: 5.0/8.5/9.1 [1 Power/.2 warp speed]
PIS: Type E (8 hours of Maximum warp) 10
Upgrading: Class 1 upratings for Sustainable, Maximum speeds 4

IMPULSE ENGINE

Type: Class 4A (.6c/.85c) [6/8 Power/round] 22
Location: Saucer aft
Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 365 Power/round) 82
Location: Saucer aft
Impulse Engine[s]: 1 Class 4A (generate 38 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type C (generates 35 Power/round) 35
EPS: Standard Power flow, +250 Power transfer/round 50

Standard Usable Power: 403

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS

Core 1: Saucer port [5 Power/round] 10
Core 2: Saucer starboard [5 Power/round] 10
Upgrading: Class Alpha (+1) [1 Power/computer/round] 4
ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 35
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Coverage: Standard
Lateral Sensors [5 Power/round] 15
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Coverage: Standard
Navigational Sensors: [5 Power/round] 14
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Probes: 40 4

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 1
[1 Power/round in use] 10

Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 1	1
Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	6
Strength: 6 [2 Power/round]	
Number: 2	
Attitude Control [1 Power/round]	1
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	17
Strength: 7	
Security: -3	
Basic Upating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Beta [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [4 Power/use]	42
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Three in saucer	
Type: Emergency [4 Power/use]	24
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Two in saucer	
Type: Cargo [4 Power/use]	22
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Two in saucer	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	15
Specialized Systems: 1	5
Laboratories: 7	2

TACTICAL SYSTEMS

Saucer Ventral Phaser Array	13
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array	13
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Dorsal Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer forward dorsal	
Firing Arc: Forward, but are self-guided	
Aft Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 100	10
TA/T/TS: Class Alpha [0 Power/round]	6
Strength: 7	
Bonus: +0	
Weapons Skill: 3	
Shields (Forward, Aft, Port, Starboard)	40 (x4)
Shield Generator: Class 3 (Protection 600)	
[60 Power/shield/round]	
Shield Grid: Type B (33% increase to 800 Protection)	
Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4
Auto-Destruct System	5

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 15 Size worth of ships	30
Standard Complement: 6 shuttlecraft, 3 shuttlepods	
Location(s): Saucer port, saucer starboard	
Captain's Yacht: No	

DESCRIPTION AND NOTES

Fleet data: The *Challenger*-class Light Cruiser is a design of rather lengthy lineage. Based in part on the original *U.S.S. Challenger*, NCC-2032, it consists of little more than a saucer adapted from the *Galaxy*-class Explorer program, with two warp nacelles attached to the aft part of the saucer with a T-shaped pylon so that they sit above and behind the saucer itself. (Some variants of this class situate one nacelle above the saucer, one below.) The resulting ship, while not aesthetically pleasing, and underpowered compared to most Light Cruisers despite a series of upgrades, serves well as a patrol ship, short-range exploration and scouting vessel, and diplomatic courier.

Noteworthy vessels/service records/encounters: *U.S.S. Armstrong*, NCC-57537, attacked by Klingon assault group (2373); *U.S.S. Buran*, NCC-57580, destroyed by the Borg at Wolf 359 (2367). Also in service: *U.S.S. Kearsage*, NCC-57566.

89 ER
65 00
21 MS
02 IR
99 HC

CHEYENNE CLASS

Class and Type: *Cheyenne*-class Light Cruiser

Commissioning Date: 2361

HULL SYSTEMS

Size: 7

Length: 380.64 meters
 Beam: 275.33 meters
 Height: 88.75 meters
 Decks: 20
 Mass: 468,000 metric tonnes
 SUs Available: 1,900
 SUs Used: 1,799

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 10 12
 Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
 [1 Power/10 Protection/round] 31
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 350/75/3,750

CREW QUARTERS

Spartan: None
 Basic: 350 35
 Expanded: 40 8
 Luxury: 15 15
 Unusual: 8 8

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
 Reserve Life Support [5 Power/round] 14
 Emergency Life Support (30 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 2 years' worth 14
 Food Replicators [7 Power/round] 7
 Industrial Replicators
 Type: Network of small replicators [2 Power/round] 10
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 4 [8 Power/round] 32
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 200,000 cubic meters 6
 Locations: Saucer port and starboard, others throughout saucer
 Escape Pods 8
 Number: 160
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6B 95
 Speed: 6.0/8.6/9.2 [1 Power/.2 warp speed]
 PIS: Type G (10 hours of Maximum warp) 14

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Alpha (66% acceleration)
 [1 Power/round when active] 2
 Location: Saucer aft, to port and starboard of engineering section
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 10/P (generates 549 Power/round) 115
 Location: Engineering section
 Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +280 Power transfer/round 63

Standard Usable Power: 597

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS

Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Uprating: Class Alpha (+1) [1 Power/computer/round] 4
 ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Saucer aft ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 48
 Range Package: Type 6 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 45 5

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11

Navigational Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 1	1
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	12
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	21
Strength: 8	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Gamma [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	34
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer	
Type: Emergency [5 Power/use]	45
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer	
Type: Cargo [4 Power/use]	26
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer	

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	17
Specialized Systems: 2	10
Laboratories: 18	4

TACTICAL SYSTEMS

Saucer Ventral Phaser Array	44
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Array	44
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Dorsal Pylon Phaser Array	22
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port dorsal pylon	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Ventral Pylon Phaser Array	22
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port ventral pylon	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Dorsal Pylon Phaser Array	22
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard dorsal pylon	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Ventral Pylon Phaser Array	22
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard ventral pylon	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Torpedo Launcher	16
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 8	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer forward dorsal	
Firing Arc: Forward, but are self-guided	
Aft Torpedo Launcher	16
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 8	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Engineering section aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 100	10
TA/T/TS: Class Gamma [2 Power/round]	12
Strength: 9	
Bonus: +2	
Weapons Skill: 4	
Shields (Forward, Aft, Port, Starboard)	60 (x4)
Shield Generator: Class 5 (Protection 1000)	
[100 Power/shield/round]	
Shield Grid: Type X (50% increase to 1500 Protection)	
Subspace Field Distortion Amplifiers: Class Zeta (Threshold 300)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	8
Auto-Destruct System	7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 8 Size worth of ships	16
Standard Complement: 4 shuttlecraft	
Location(s): Saucer port, saucer starboard	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: The *Cheyenne*-class is the Heaviest of the Light Cruisers; in fact, it's nearly as long as a full Cruiser, and it's armed with a respectable complement of Type IX phasers and photon torpedo launchers. It consists of a large saucer with a notch aft, to which is attached a small Engineering section. Attached to the Engineering section are four pylons—two curving gently downward, two gently upward—terminating in warp nacelles.

The *Cheyenne*-class serves primarily as an escort and patrol vessel. With its speed and offensive power, it's well-suited to dealing with aggressors or other problems. During the Dominion War, *Cheyenne*-class vessels were usually tasked as support vessels for larger craft. They acted as the secondary anchors of fighting wings, or sometimes even led smaller wings.

Noteworthy vessels/service records/encounters: *U.S.S. Cheyenne*, prototype; *U.S.S. Ahwanee*, NCC-73620, damaged in Battle of Wolf 359 and abandoned (2367), later recovered, repaired, and renumbered NCC-71620, participated in tachyon detection grid to disrupt Romulan interference in Klingon civil war (2368), engaged the Tholians during the Draconis IX Perimeter Action (2371), destroyed defending Vulcan from Dominion attack (2374); *U.S.S. Haida*, NCC-72491, survived the Battle of Tyra (2374); *U.S.S. Paiute*, NCC-70752, destroyed in assault on Chin'toka System (2374).

CHIMERA CLASS

Class and Type: *Chimera*-class Fast Frigate

Commissioning Date: 2366

HULL SYSTEMS

Size: 6

Length: 288.33 meters
Beam: 173.98 meters
Height: 74.85 meters
Decks: 15
Mass: 660,000 metric tonnes
SUs Available: 1,710
SUs Used: 1,595

HULL

Outer 24
Inner 24

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
[1 Power/10 Protection/round] 30
Backup: Class 5 (Protection 40)
[1 Power/10 Protection/round] 15
Backup: Class 5 (Protection 40)
[1 Power/10 Protection/round] 15

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 275/70/2,550

CREW QUARTERS

Spartan: 0
Basic: 250 25
Expanded: 40 8
Luxury: 6 6
Unusual: 3 3

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
Reserve Life Support [5 Power/round] 12
Emergency Life Support (36 emergency shelters) 12
Gravity [3 Power/round] 6
Consumables: 2 years' worth 12
Food Replicators [6 Power/round] 6
Industrial Replicators 9
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 5 (+1) [5 Power/round] 25
Recreation Facilities: 5 [10 Power/round] 40
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
Fire Suppression System [1 Power/round when active] 6
Cargo Holds: 66,000 cubic meters 2
Locations: Saucer section
Escape Pods 8
Number: 140
Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A6 93
Speed: 6.0/8.0/9.6 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 5A (.72c/.9c) [7/9 Power/round] 28
Location: Aft saucer
Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 470 Power/round) 102
Location: Engineering hull

Impulse Engine[s]: 1 Class 5A (generates 44 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +250 Power transfer/round 55

Standard Usable Power: 514

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer port [5 Power/round] 12
Core 2: Saucer starboard [5 Power/round] 12
Upgrading: Class Alpha (+1) [1 Power/computer/round] 4
ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 34

Range Package: Type 6 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round] 17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 30 3

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
[1 Power/round in use] 11

Navigational Computer

Main: Class 3 (+2) [2 Power/round] 4

Backups: 1 1

Inertial Damping Field
 Main 36
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS
 Type: Class 7 [2 Power/round] 17
 Strength: 7
 Security: -3
 Basic Upgrading: Class Alpha (+1)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Saucer dorsal
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS
 Type: Personnel [5 Power/use] 48
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in Engineering section
 Type: Emergency [5 Power/use] 28
 Pads: 14
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in Engineering section
 Type: Cargo [4 Power/use] 17
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer

Cloaking Device: None

SECURITY SYSTEMS
 Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS
 Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: None
 Laboratories: 10 2

TACTICAL SYSTEMS

Saucer Ventral Phaser Arrays (3) 42
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round per array)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Three arrays spaced equidistantly around forward three-quarters of saucer, ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Phaser Arrays (4) 56
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round per array)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Four arrays spaced equidistantly around forward three-quarters of saucer, dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Section Aft Phaser Array 21
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering section aft
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 15
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 15
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering module aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 100 10

TA/T/TS: Class Beta [1 Power/round] 9
 Strength: 8
 Bonus: +1

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 73 (x4)
 Shield Generator: Class 5 (Protection 1000)
 [100 Power/shield/round]
 Shield Grid: Type C (50% increase to 1500 Protection)
 Subspace Field Distortion Amplifiers: Class Eta (Threshold 330)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 10 Size worth of ships 20
Standard Complement: 5 shuttlecraft
Location(s): Saucer, port and starboard
Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *Chimera*-class vessel is, according to most Starfleet officers, the strangest-looking of the jury-rigged ships built to fight the Dominion War. Attached to its *Excelsior*-style saucer section are three warp nacelles (two below, one above). Its weaponry, like that of its sister ship the *Centaur*-class Cruiser, also derives from the *Excelsior*-class ship; it includes multiple small phaser arrays located on both sides of the saucer, and a single array aft.

Because of its unusual construction, the *Chimera*-class features relatively strong SIF, IDF, and shields to hold it together. Despite this, it has proven vulnerable to hull stress in many different forms; Flight Control officers have learned to handle it with a delicate touch. (In game terms, if the ship attempts any maneuver with a Difficulty of 8 or higher and fails, it suffers 2d6 x 10 points of damage against which only the SIF applies.)

Noteworthy vessels/service records/encounters: *U.S.S. Chimera*, NCC-71653, prototype, destroyed in Dominion War (2374); *U.S.S. Ta'veret*, NCC-71777, participated in defense of Bolarus System (2374-75); *U.S.S. Janeng*, NCC-72146, participated in final attack on Cardassia Prime (2375).

CONSTELLATION CLASS

Class and Type: *Constellation-class* Exploratory Cruiser

Commissioning Date: 2304

HULL SYSTEMS

Size: 6

Length: 302.95 meters

Beam: 157.23 meters

Height: 78.10 meters

Decks: 16

Mass: 1,345,000 metric tonnes

SUs Available: 1,725

SUs Used: 1,616

HULL

Outer 24

Inner 24

RESISTANCE

Outer Hull: 6

Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)
[1 Power/10 Protection/round] 33

Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17

Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 350/150/3,500

CREW QUARTERS

Spartan: None

Basic: 320 32

Expanded: 40 8

Luxury: 20 20

Unusual: 15 15

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24

Reserve Life Support [5 Power/round] 12

Emergency Life Support (36 emergency shelters) 12

Gravity [3 Power/round] 6

Consumables: 3 years' worth 18

Food Replicators [6 Power/round] 6

Industrial Replicators

Type: Network of small replicators [2 Power/round] 6

Type: 2 large units [2 Power/replicator/round] 12

Medical Facilities: 6 (+2) [6 Power/round] 30

Recreation Facilities: 6 [12 Power/round] 48

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18

Fire Suppression System [1 Power/round when active] 6

Cargo Holds: 100,000 cubic meters 3

Locations: Saucer port, saucer starboard

Escape Pods 8

Number: 140

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E 75

Speed: 5.3/9.0/9.2 [1 Power/.2 warp speed]

PIS: Type E (8 hours of Maximum warp) 10

Upgrading: Package 3 (+0.3 to Standard speed) 6

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30

Location: Saucer aft port and starboard

Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 440 Power/round) 94

Location: Engineering section

Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type E (generates 45 Power/round) 45

EPS: Standard Power flow, +280 Power transfer/round 58

Standard Usable Power: 488

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer port [5 Power/round] 12

Core 2: Saucer starboard [5 Power/round] 12

ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 40

Range Package: Type 5 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 2, Coordination 1

[1 Power/round in use] 7

Navigational Computer

Main: Class 2 (+1) [1 Power/round] 2

Backups: 1 1

ALLO
RYN
032501

Inertial Damping Field

Main 36
 Strength: 9 [3 Power/round]
 Number: 3

Backup 12
 Strength: 6 [2 Power/round]
 Number: 4

Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 7 [2 Power/round] 14
 Strength: 7
 Security: -3

Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral

Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 68
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Three in saucer, one in Engineering section

Type: Emergency [6 Power/use] 64
 Pads: 18
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Three in saucer, one in Engineering section

Type: Cargo [4 Power/use] 52
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Three in saucer, one in Engineering section

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 2 10
 Laboratories: 22 6

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 20
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 20
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Port Phaser Array 12
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft, port of Engineering section
 Firing Arc: 180 degrees aft port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Starboard Phaser Array 12
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 2 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft, port of Engineering section
 Firing Arc: 180 degrees aft starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 15
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 5
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer forward dorsal
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 15
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 5
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 80 8

TA/T/TS: Class Beta [1 Power/round] 9
 Strength: 8
 Bonus: +1

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard) 52 (x4)
 Shield Generator: Class 3 (Protection 600)
 [60 Power/shield/round]
 Shield Grid: Type C (50% increase to 900 Protection)
 Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 18 Size worth of ships **36**
Standard Complement: 6 shuttlecraft, 6 shuttlepods
Location(s): Saucer forward
Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: One of the oldest designs still operational in Starfleet, the *Constellation*-class Exploratory Cruiser derives from the *Constitution*-class Explorer and *Excelsior*-class Exploratory Cruiser. Taking advantage of Starfleet's experience with those vessels, the ASDB designed a ship with a *Constitution*-like saucer section and four warp nacelles—two above and aft the saucer, two below and aft—to exploit advances in warp field theory. During the first few decades of the 24th century, the *Constellation* class was vital to Starfleet's deep space exploration, colony support, and defensive patrol missions.

The *Constellation*-class ceased production twenty years ago. Starfleet expects to retire those few vessels of the class which managed to survive the Dominion War within the next ten years.

Noteworthy vessels/service records/encounters: *U.S.S. Constellation*, prototype; *U.S.S. Gettysburg*, NCC-3890, former command of Admiral Mark Jameson; *U.S.S. Hathaway*, NCC-2593, participated in battle simulation with *U.S.S. Enterprise-D* (2365); *U.S.S. Magellan*, NCC-3069, commanded by Captain Conklin; *U.S.S. Stargazer*, NCC-2893, former command of Captain Jean-Luc Picard, presumed destroyed in the Battle of Maxia (2355) but later recovered by Starfleet (2364); *U.S.S. Victory*, NCC-9754, commanded by Captain Zimbata, posting of Geordi LaForge prior to his service aboard the *U.S.S. Enterprise-D*. Also in service: *U.S.S. Antietam*, *U.S.S. Fading Sun*, *U.S.S. Vespucci*.

CURRY CLASS

Class and Type: Curry-class Cruiser

Commissioning Date: 2373

HULL SYSTEMS

Size: 6

Length: 383.41 meters
Beam: 195.64 meters
Height: 148.50 meters
Decks: 30
Mass: 1,270,000 metric tonnes
SUs Available: 2,100
SUs Used: 1,995

HULL

Outer 24
Inner 24

RESISTANCE

Outer Hull: 8 9
Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)
[1 Power/10 Protection/round] 33
Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17
Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 290/75/3,250

CREW QUARTERS

Spartan: None
Basic: 280 28
Expanded: 35 7
Luxury: 20 20
Unusual: 10 10

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
Reserve Life Support [5 Power/round] 12
Emergency Life Support (36 emergency shelters) 12
Gravity [3 Power/round] 6
Consumables: 2 years' worth 12
Food Replicators [6 Power/round] 6
Industrial Replicators 12
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round]
Medical Facilities: 8 (+2) [8 Power/round] 40
EMH: Mark 1 [2 Power/round when active] 5
Recreation Facilities: 5 [10 Power/round] 40
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
Fire Suppression System [1 Power/round when active] 6
Cargo Holds: 200,000 cubic meters 6
Locations: Engineering forward, engineering aft, saucer
Escape Pods 8
Number: 140
Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D 105
Speed: 6.0/9.2/9.75 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16
Upgrading: Package 1 (+0.15 to Maximum) 2

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Location: Aft saucer starboard

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Location: Aft saucer port

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Location: Aft Engineering port

IMPULSE ENGINE

Type: Class 4B (.65c/.85c) [6/8 Power/round] 23
Location: Aft Engineering starboard
Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 380 Power/round) 83
Location: Engineering hull amidships
Impulse Engine[s]: 4 Class 4B (generate 38 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type E (generates 45 Power/round) 45
EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 502

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer [5 Power/round] 12
Core 2: Engineering [5 Power/round] 12
Upgrading: Class Beta (+2) [2 Power/computer/round] 8
ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Engineering hull forward ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: Standard
Lateral Sensors [5 Power/round] 24
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: Standard

Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 60 6

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 1 1
 Inertial Damping Field
 Main 36
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 21
 Strength: 8
 Security: -4 (Class Gamma uprating)
 Basic Uprating: Class Alpha (+1)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral, forward dorsal
 Emitter: Class Alpha [3 Power/Strength used/round] 6
 Accuracy: 5/6/8/11
 Location: Forward shuttlebay, aft shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 51
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering
 Type: Emergency [6 Power/use] 48
 Pads: 20
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering
 Type: Cargo [4 Power/use] 78
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in forward cargo bay, two in aft cargo bay, two in saucer

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 1 5
 Laboratories: 13 4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 43
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 405 degrees dorsal (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 28
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 360 degrees ventral (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Port Pylon Dorsal Phaser Array 14
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Port pylon dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Starboard Pylon Dorsal Phaser Array 14
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Starboard pylon dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Dorsal Phaser Array 24
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering aft dorsal
 Firing Arc: 360 degrees dorsal (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Ventral Phaser Array 24
 Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering aft ventral
 Firing Arc: 360 degrees ventral (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Port Phaser Array

Type: IX

Damage: 180 [18 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering hull forward port ventral
 Firing Arc: 180 degrees ventral port (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Starboard Phaser Array

Type: IX

Damage: 180 [18 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering hull forward starboard ventral
 Firing Arc: 180 degrees ventral starboard (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array

Type: IX

Damage: 180 [18 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering hull ventral amidships
 Firing Arc: 135 degrees ventral aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Dorsal Phaser Array

Type: IX

Damage: 180 [18 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering hull forward dorsal
 Firing Arc: 360 degrees dorsal (significant arc shadows)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull, forward ventral port
 Firing Arc: Forward, but are self-guided

Forward Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull, forward ventral starboard
 Firing Arc: Forward, but are self-guided

Torpedoes Carried: 100**TA/T/TS: Class Gamma [2 Power/round]**

Strength: 9
 Bonus: +2

Weapons Skill: 4

23

Shields (Forward, Aft, Port, Starboard)

61 (x4)

Shield Generator: Class 4 (Protection 800) [80 Power/shield/round]
 Shield Grid: Type C (50% increase to 1200 Protection)
 Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System8
6

23

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 40 Size worth of ships**

80

Standard Complement: 16 shuttlecraft and 8 shuttlepods or 20 Starfleet attack fighters

Location(s): Forward Engineering, aft Engineering

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: Like the *Centaur*-class, the *Curry*-class Cruiser is a vessel hastily assembled from surplus parts to fight in the Dominion War. It uses an *Excelsior*-class saucer, stripped-down *Excelsior*-class Engineering hull, and two large, powerful warp nacelles. The saucer attaches to the Engineering hull amidships dorsal, with the two nacelles attaching directly to the saucer on its port and starboard sides via pylons.

Curry-class vessels have extensive cargo holds and shuttlebays. The ship was designed with these features so that it could carry large amounts of materiel to war-ravaged planets and colonies. If necessary it can also act in a carrier capacity, ferrying fighters and other small vessels to the battlefield.

Like other "hybrid" ships built for the War, the *Curry*-class comes heavily armed, with ten Type IX phaser arrays and two torpedo launchers. However, due to its ungainly configuration, most of its phaser suffer from significant arc shadows.

Noteworthy vessels/service records/encounters: *U.S.S. Curry*, NCC-45617, prototype; *U.S.S. Drexler*, NCC-45618, lost in the Battle of Tyra (2374); *U.S.S. Sternbach*, NCC-45619, participated in the defense of Vulcan (2375).

27

15

15

10

12

DANUBE CLASS

Class and Type: *Danube-class* Runabout

Commissioning Date: 2368

HULL SYSTEMS

Size: 2

Length: 23.1 meters

Beam: 13.7 meters

Height: 5.4 meters

Decks: 1

Mass: 11.3 metric tonnes

SUs Available: 600

SUs Used: 579

HULL

Outer 8

Inner 8

RESISTANCE

Outer Hull: 4 3

Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 2 (Protection 50/80)

[1 Power/10 Protection/round]

17

Backup: Class 2 (Protection 30)

[1 Power/10 Protection/round]

9

Backup: Class 2 (Protection 30)

[1 Power/10 Protection/round]

9

**Specialized Hull: Atmospheric Capability;
Planetfall Capability** 4

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 2/8/15

CREW QUARTERS

Spartan: 2 1

Basic: None

Expanded: None

Luxury: None

Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [3 Power/round] 8

Reserve Life Support [2 Power/round] 4

Emergency Life Support (no emergency shelters) 4

Gravity [1 Power/round] 2

Consumables: 1 week's worth 1

Food Replicators [2 Power/round] 2

Industrial Replicators: None

Medical Facilities: 1 (+0) [1 Power/round] 5

Recreation Facilities: 1 [2 Power/round] 8

Personnel Transport: Jefferies tubes [0 Power/round] 2

Fire Suppression System [1 Power/round when active] 2

Cargo Holds: 200 cubic meters 1

Locations: Ventral

Escape Pods: One (see text) 0

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 4.8 28

Speed: 4.0/6.0/8.0 [1 Power/.2 warp speed]

PIS: Type C (6 hours of Maximum warp) 6

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18

Acceleration Uprating: Class Alpha (66% acceleration)

[1 Power/round when active] 2

Location: Port pylon, starboard pylon

Reaction Control System (.025c) [2 Power/round when in use] 2

POWER SYSTEMS

WARP ENGINE

Type: Class 4/G (generates 230 Power/round) 53

Location: Dorsal spine

Impulse Engine[s]: 1 Class 3A (generate 28 Power/engine/round)

Auxiliary Power: None

Emergency Power: Type B (generates 30 Power/round) 30

EPS: Standard Power flow, +150 Power transfer/round 25

Standard Usable Power: 258

OPERATIONS SYSTEMS

Bridge: Forward ("cockpit") 10

COMPUTERS

Core 1: Cockpit subfloor [5 Power/round] 4

Uprating: Class Alpha (+1) [1 Power/computer/round] 2

ODN 6

Navigational Deflector [5 Power/round] 8

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Forward

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 23

Range Package: Type 2 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/6-1.0/1.1-3.5/3.6-5.0)

Low Resolution: 12 light-years (1/1.1-3.0/3.1-8.0/8.1-12)

Strength Package: Class 6 (Strength 6)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round] 15

Strength Package: Class 6 (Strength 6)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 14

Strength Package: Class 6 (Strength 6)

Gain Package: Class Alpha (+1)

Probes: 6 1

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2

[1 Power/round in use] 11

ALLO
RYN
032501

Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 1	1
Inertial Damping Field	
Main	8
Strength: 8 [3 Power/round]	
Number: 2	
Backup	2
Strength: 5 [2 Power/round]	
Number: 2	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS	
Type: Class 5 [2 Power/round]	13
Strength: 5	
Security: -2	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: No	

TRACTOR BEAMS	
Emitter: Class Beta [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: Forward ventral	
Emitter: Class Beta [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: Aft	

TRANSPORTERS	
Type: Personnel [3 Power/use]	15
Pads: 2	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Aft of the cockpit	

Cloaking Device: None

SECURITY SYSTEMS	
Rating: 1	4
Anti-Intruder System: Yes [1 Power/round]	2
Internal Force Fields [1 Power/3 Strength]	2

SCIENCE SYSTEMS	
Rating 1 (+0) [1 Power/round]	2
Specialized Systems: None	
Laboratories: None	

Mission-Specific Modules: Up to four SUs' worth of additional equipment or upgrades 4

TACTICAL SYSTEMS

Forward Ventral Phaser Array	13
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Forward ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Dorsal Phaser Array	13
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Forward dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Ventral Phaser Array	13
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Aft ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Dorsal Phaser Array	13
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Aft dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Port Pylon Phaser Array	11
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port pylon dorsal	
Firing Arc: 180 degrees dorsal port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Starboard Pylon Phaser Array	11
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Starboard pylon dorsal	
Firing Arc: 180 degrees dorsal starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Microtorpedo Launcher	9
Standard Load: Microtorpedo (50 Damage)	
Spread: 1	
Range: 1/100/500/2000	
Targeting System: Accuracy 3/4/6/9	
Power: [1]	
Location: Forward ventral	
Firing Arc: Forward	

Torpedo Module

Standard Load: Type II photon torpedo (200 Damage)

Spread: 1

Range: 1/100/1000/5000

Targeting System: Accuracy 4/5/7/10

Power: [6]

Location: Aft, port (or starboard)

Firing Arc: Port (or starboard), but are self-guided

**Torpedoes Carried: 50 microtorpedoes,
4 photon torpedoes per module**

1

TA/T/TS: Class Alpha [0 Power/round]

6

Strength: 7

Bonus: +0

Weapons Skill: 3**Shields (Forward, Aft, Port, Starboard)**

14 (x4)

Shield Generator: Class 2 (Protection 300)

[30 Power/shield/round]

Shield Grid: Type C (50% increase to 450 Protection)

Subspace Field Distortion Amplifiers: Class Beta (Threshold 100)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield)

4

Auto-Destruct System

2

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): None****Captain's Yacht: No****DESCRIPTION AND NOTES**

Fleet data: The *Danube*-class vessel, the first of the “runabout” designation, is intended to perform scientific surveys, covert tactical operations, and many other missions normally beyond the purview of a warp shuttle. To provide the ship with a high degree of adaptability, it was built with a “modularity” feature. Up to four mission-specific modules can be installed in the vehicle to customize it for specific missions. For example, a Special Duty Module Research Lab could be installed for a botanical survey mission; it would be replaced with a Sensor Station for a military reconnaissance mission, or a Torpedo Module if the ship were going into combat. One, two, or four modules can be installed depending on their size.

In game terms, the modules can be used to temporarily alter or upgrade a runabout. Each one holds 1 SU worth of equipment; with these you can buy various systems for the ship. Swapping out a module requires a space station (or similar facility) and the appropriate heavy equipment. Some examples include:

— *Laboratory Module:* Add one laboratory

— *Passenger Module:* Add one Basic or Expanded quarters

The *Danube* class does not have escape pods

or a separation system as those systems are commonly understood. However, its cockpit is able to detach from the main body of the ship to either continue moving (impulse power only) or act as an escape pod of sorts. (This is bought as a form of escape pod.)

While not intended for combat, the *Danube*-class is reasonably well armed. It has six phaser arrays, a microtorpedo launcher, and two tractor beam emitters. If necessary, it can be outfitted with up to four Torpedo Modules. Each typically comes equipped with up to four torpedoes. Because there is no launching tube, these torpedoes are “fire and forget” weapons with a limited range and reduced accuracy compared to torpedoes launched from tubes.

The *Danube*-class ship's warp engine has an unusual horizontal feature and sits atop the ship, along its dorsal spine. While theoretically this makes it more vulnerable to attack, in practice it has proved only slightly more vulnerable than traditional ship-center-based warp engines. The proximity of the warp engines to the shield generators makes it easier to strengthen the shields by running them directly from warp power (reduce the time needed to 1-3 rounds and the Test to Challenging (10); see *Spacedock*, page 132).

Noteworthy vessels/service records/encounters: *U.S.S. Danube*, NCC-72003, prototype; *U.S.S. Mekong* (NCC-72617), *U.S.S. Orinoco* (NCC-72905), *U.S.S. Rio Grande* (NCC-72452), *U.S.S. Rubicon* (NCC-72936), and *U.S.S. Yangtzee Kiang* (NCC-72453) (original five runabouts in the fleet inventory; *Rio Grande*, and *Yangtzee Kiang* initially assigned to Deep Space 9); *U.S.S. Yangtzee Kiang* destroyed in a crash on a penal colony moon in the Gamma Quadrant in 2369); *U.S.S. Orinoco* (replaced the *Yangtzee Kiang*; destroyed by Cardassian separatist terrorists belonging to a group called The True Way (2372); *U.S.S. Mekong* destroyed in the aftermath of the Cardassian-Romulan attack on the Founders' homeworld (2371); *U.S.S. Ganges*, NCC-72454, replaced the *Mekong*, destroyed by T'Lani munitions cruiser (2370). Also in fleet: *U.S.S. Shenandoah*, NCC-73024; *U.S.S. Volga*, NCC-73196; *U.S.S. Yukon*, NCC-74602.

DEFIANT CLASS

Class and Type: *Defiant-class Heavy Escort*

Commissioning Date: See text

HULL SYSTEMS

Size: 5

Length: 170.68 meters
Beam: 134.11 meters
Height: 30.1 meters
Decks: 4
Mass: 355,000 metric tonnes
SUs Available: 1,900
SUs Used: 1,787

HULL

Outer 20
Inner 20

RESISTANCE

Outer Hull: 10
Inner Hull: 10
Ablative Armor: 1400 280

STRUCTURAL INTEGRITY FIELD

Main: Class 7 (Protection 100/150)
[1 Power/10 Protection/round] 35
Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 18
Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 18

Specialized Hull: Landing pads (see text)

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 40/10/192

CREW QUARTERS

Spartan: 30 2
Basic: None
Expanded: None
Luxury: None
Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [6 Power/round] 20
Reserve Life Support [3 Power/round] 10
Emergency Life Support (30 emergency shelters) 10
Gravity [3 Power/round] 5
Consumables: 1 year's worth 5
Food Replicators [5 Power/round] 5
Industrial Replicators
Type: Network of small replicators [2 Power/round] 5
Medical Facilities: 2 (+0) [2 Power/round] 10
Recreation Facilities: 1 [2 Power/round] 8
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
Fire Suppression System [1 Power/round when active] 5
Cargo Holds: 12,000 cubic meters 1
Locations: 4 bays forward on Deck 3
Escape Pods 3
Number: 26
Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D98 113
Speed: 6.0/9.2/9.982 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
Acceleration Upgrading: Class Beta (75% acceleration)
[2 Power/round when active] 4
Location: Aft
Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 399 Power/round) 85
Location: Aft
Impulse Engine[s]: 1 Class 7 (generates 56 Power/engine/round)
Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +350 Power transfer/round 60

Standard Usable Power: 455

OPERATIONS SYSTEMS

Bridge: Dorsal amidships 25
Separation System: Detachable warhead (6 torpedoes) 4

COMPUTERS

Core 1: Amidships, Decks 2 and 3 [5 Power/round] 10
Core 2: Amidships, Decks 2 and 3 [5 Power/round] 10
Upgrading: Class Beta (+2) [2 Power/computer/round] 8
ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Forward, in warhead

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 42
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Coverage: Standard
Lateral Sensors [5 Power/round] 22
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Coverage: Standard
Navigational Sensors: [5 Power/round] 20
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Probes: 10 (typical mixture includes Types I, III, V, VIII, and IX) 1

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use] 12

Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 2	2
Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1
COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	24
Strength: 9	
Security: -4	
Basic Upgrading: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
Holocommunications: Yes	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft dorsal	
TRANSPORTERS	
Type: Personnel [4 Power/use]	34
Pads: 3	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Deck 1 amidships	
Type: Emergency [4 Power/use]	27
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Deck 1	
Type: Cargo [4 Power/use]	28
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Deck 3 amidships	
Cloaking Device: Class 8 [40 Power/class/round]	29
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5
SCIENCE SYSTEMS	
Rating 1 (+0) [1 Power/round]	10
Specialized Systems: None	
Laboratories: 2	2

TACTICAL SYSTEMS

Port Pulse Phaser Array	47
Type: X Pulse	
Damage: 250 [25 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port sponson	
Firing Arc: Forward	
Firing Modes: Standard, Wide Beam	
Starboard Pulse Phaser Array	47
Type: X Pulse	
Damage: 250 [25 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Starboard sponson	
Firing Arc: Forward	
Firing Modes: Standard, Wide Beam	
Dorsal Phaser Array	32
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Dorsal amidships	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Forward	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Torpedo Launcher	16
Standard Load: Mark I quantum torpedo (400 Damage)	
Spread: 6	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Forward in warhead	
Firing Arc: Forward, but are self-guided	
Forward Dorsal Port Torpedo Launcher	16
Standard Load: Mark I quantum torpedo (400 Damage)	
Spread: 6	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Dorsal, just forward of the port sponson	
Firing Arc: Forward, but are self-guided	

Forward Dorsal Starboard Torpedo Launcher 16

Standard Load: Mark I quantum torpedo (400 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Dorsal, just forward of the starboard sponson
 Firing Arc: Forward, but are self-guided

Aft Port Torpedo Launcher 16

Standard Load: Mark I quantum torpedo (400 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Aft port
 Firing Arc: Aft, but are self-guided

Aft Starboard Torpedo Launcher 16

Standard Load: Mark I quantum torpedo (400 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Aft starboard
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200 20**TA/T/TS: Class Gamma [2 Power/round]** 12

Strength: 9
 Bonus: +2

Weapons Skill: 5**Shields (Forward, Aft, Port, Starboard)** 47 (x4)

Shield Generator: Class 3 (Protection 600)
 [60 Power/shield/round]
 Shield Grid: Type C (50% increase to 900 Protection)
 Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)
 Recharging System: Class 2 (40 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System 5**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 6 Size worth of ships** 12

Standard Complement: One Type 10 shuttlecraft, four shuttlepods
 Location(s): 3 shuttlebays on Deck 3 (aft port, aft starboard, amidships)

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: The Defiant Development Project began in 2366 as a counter to the Borg threat. Although its stated goal was to create a new Heavy Escort, privately Starfleet officials acknowledged that the vessel was, in fact, intended to be the first *warship* ever designed by the Federation.

The original testbed ship experienced numerous intractable problems. In light of reduced concern regarding the Borg, the Defiant

Development Project was placed on indefinite hold. Only the rise of the threat of the Dominion caused it to be revived. In 2371, the prototype *Defiant* was provided to Deep Space 9 as a mobile defense platform. The crew of DS9 (including Captain Benjamin Sisko, who participated in its original design efforts) devoted considerable time and energy to overcome its deficiencies, and through hard work and experience managed to overcome most of its flaws. This included strengthening the structural integrity field to keep the overpowered engines from tearing the ship apart at high warp speeds (see below). With the data from their uses of the ship in hand, Starfleet was able to build more *Defiant*-class vessels. They proved to be a potent weapon against the Dominion, and a decisive factor in the Federation's victory in the Dominion War.

The *Defiant* incorporates a wide range of innovative and experimental starship systems. Examples include pulse phaser cannons, quantum torpedoes, ablative hull armor, landing pads allowing for possible recovery of the vessel if it has to be abandoned near a planet or moon, and the like. The plasma conduit is run through the primary phaser couplings, which almost doubles phaser power *and* provides a 30% more efficient warp drive. The *Defiant* can also carry and deploy additional ordnance or explosives, such as self-replicating mines.

The *Defiant* has two computer cores, but they are located together in a dual configuration amidships on Decks 2 and 3. While this makes the computers work more efficiently, it also makes them more vulnerable to attack, in that damage to a single location may affect both cores.

The *Defiant's* navigational deflector is located in its forward section, which is a detachable warhead. Since use of the warhead is considered a last-ditch measure, depriving the ship of its deflector at that point should not cause problems. In the event the ship survives an encounter in which it has to use its warhead, it cannot safely go to warp speeds until the warhead is replaced.

The original *U.S.S. Defiant* possessed a cloaking device on loan from the Romulan Star Empire. Under the initial terms of the agreement with the Romulans, the cloak was to be used only in the Gamma Quadrant, but in light of the War those terms were altered to allow the cloak to be used on this side of the wormhole. Negotiations with the Romulans have led to cloaks being installed in some other *Defiant*-

class ships under specified conditions. Because the *Defiant*-class ship has such powerful engines for its size, a cloak is not as effective as it might otherwise be. It also emits chroniton particles which can accumulate on the ship's ablative armor and, possibly, cause temporal accidents. Additional ships of the class may or may not be equipped with cloaking devices (ships without cloaks subtract 29 SUs from their total used).

The power of the *Defiant's* engines (primarily her Class 7/M warp drive) causes other problems. Although the ship can attain speeds in excess of Warp 9, it will literally shake itself to pieces at that velocity. For every tenth of a point of warp speed over 9, up to 9.6, the ship takes 20 points of structural damage every round, and for every tenth of a point of warp speed at 9.7 and above takes 50 points of structural damage (only the SIF protects against this damage).

The *Defiant* normally has a crew of 40. However, sufficient space exists to triple its bunks, allowing it to carry up to 192 persons.

Although not intended to perform scientific survey missions (most of its sensors are optimized for military uses), the *Defiant*-class's sensors and other equipment are sufficient to perform 82% of of the standard scientific sensor sweeps. The ship typically carries Class I, III, V, VIII, and/or IX probes.

Noteworthy vessels/service records/encounters: *U.S.S. Defiant*, NX-74205, assigned to Deep Space 9 (2371), destroyed in battle by the Breen in the Chin'toka system (2375); *U.S.S. Sao Paulo*, NCC-75633, replaced *U.S.S. Defiant* and was rechristened with its name (2375); *U.S.S. Valiant*, NCC-74210, destroyed by Jem'Hadar battleship while commanded by Red Squadron of Starfleet Academy following the death of Captain Ramirez (2374); *U.S.S. Gallant*, NCC-74206, destroyed by Cardassian Task Force along the Federation/Cardassian DMZ (2372).

DENEVA CLASS

Class and Type: *Deneva-class Light Transport*
Commissioning Date: 2318

HULL SYSTEMS

Size: 5
 Length: 210.54 meters
 Beam: 65.0 meters
 Height: 45.23 meters
 Decks: 10
 Mass: 295,000 metric tonnes
 SUs Available: 1,700
 SUs Used: 1,623

HULL
 Outer 20
 Inner 20

RESISTANCE
 Outer Hull: 4 3
 Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD
 Main: Class 3 (Protection 60/90) 23
 [1 Power/10 Protection/round]
 Backup: Class 3 (Protection 30) 12
 [1 Power/10 Protection/round]
 Backup: Class 3 (Protection 30) 12
 [1 Power/10 Protection/round]

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 90/1100/2000
 (see also "Transport Modules")

CREW QUARTERS
 Spartan: None
 Basic: 750 75
 Expanded: 275 55
 Luxury: 100 100
 Unusual: 50 50

ENVIRONMENTAL SYSTEMS
 Basic Life Support [10 Power/round] 20
 Reserve Life Support [5 Power/round] 10
 Emergency Life Support (36 emergency shelters) 10
 Gravity [3 Power/round] 5
 Consumables: 1 year's worth 5
 Food Replicators [5 Power/round] 5
 Industrial Replicators 11
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 4 (+1) [4 Power/round] 20
 Recreation Facilities: 8 [16 Power/round] 64
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
 Fire Suppression System [1 Power/round when active] 5
 Cargo Holds: 200,000 cubic meters 6
 Locations: 10 locations throughout the ship
 Escape Pods 12
 Number: 200
 Capacity: 12 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 5E 75
 Speed: 5.0/9.0/9.2 [1 Power/.2 warp speed]
 PIS: Type C (6 hours of Maximum warp) 6

IMPULSE ENGINE
 Type: Class 4A (.6c/.85c) [6/8 Power/round] 22
 Location: Port and starboard on the outside of the module spars
 Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE
 Type: Class 6/K (generates 330 Power/round) 73
 Location: Saucer aft
 Impulse Engine[s]: 1 Class 4A (generate 38 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
 Emergency Power: Type B (generates 30 Power/round) 30
 EPS: Standard Power flow, +150 Power transfer/round 40

Standard Usable Power: 368

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS
 Core 1: Saucer port [5 Power/round] 10
 Core 2: Saucer starboard [5 Power/round] 10
 ODN 15

Navigational Deflector [5 Power/round] 20
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Saucer ventral

SENSOR SYSTEMS
 Long-range Sensors [5 Power/round] 19
 Range Package: Type 2 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/6-1.0/1.1-3.5/3.6-5.0)
 Low Resolution: 12 light-years (1/1.1-3.0/3.1-8.0/8.1-12)
 Strength Package: Class 4 (Strength 4)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 11
 Strength Package: Class 4 (Strength 4)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 10
 Strength Package: Class 4 (Strength 4)
 Gain Package: Class Alpha (+1)
 Probes: 20 2

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 2, Coordination 1
 [1 Power/round in use] 7
 Navigational Computer
 Main: Class 1 (+0) [0 Power/round] 0
 Backups: 1 0

Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1
COMMUNICATIONS SYSTEMS	
Type: Class 6 [2 Power/round]	12
Strength: 6	
Security: -2	
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	84
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class E (Strength 5)	
Number and Location: Six throughout saucer	
Type: Emergency [4 Power/use]	44
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class E (Strength 5)	
Number and Location: Four throughout saucer	
Type: Cargo [5 Power/use]	88
Pads: 600 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class E (Strength 5)	
Number and Location: Eight throughout saucer	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 2	8
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5
SCIENCE SYSTEMS	
Rating 1 (+0) [1 Power/round]	10
Specialized Systems: None	
Laboratories: 1	2
Transport Modules: 6 modules with 18 SU of space each (see text)	108

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	17
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	17
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Phaser Array	17
Type: VI	
Damage: 120 [12 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
TA/T/TS: Class Alpha [0 Power/round]	6
Strength: 7	
Bonus: +0	
Weapons Skill: 2	
Shields (Forward, Aft, Port, Starboard)	23 (x4)
Shield Generator: Class 2 (Protection 350)	
[35 Power/shield/round]	
Shield Grid: Type B (33% increase to 467 Protection)	
Subspace Field Distortion Amplifiers: Class Beta (Threshold 100)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4
Auto-Destruct System	5

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 30 Size worth of ships	60
Standard Complement: Varies depending upon passenger load and mission profile	
Location(s): Forward	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: The *Deneva*-class Light Transport is one of Starfleet's standard vessels for transporting personnel and materiel. When a large diplomatic party needs to visit a world to negotiate Federation admission or oversee a first contact situation, when relief supplies need to be taken to famine- or plague-stricken colonies,

or when equipment and parts for a new starbase need to be taken to the construction site, *Deneva*-class ships are the ones to do the job.

To maximize its efficiency, the *Deneva*-class does not have just a single configuration. Rather, the central part of its body is an open “frame” into which up to six Transport Modules can be placed. The modules hold up to 18 SU worth of supplies or facilities. Modules can be prepared for any mission, but some of the common types include:

—*Cargo*: +200,000 cubic meters of storage space and shuttlebay for 6 SU worth of craft; or +600,000 cubic meters of storage space

—*Entertainment*: +2 to Recreation rating, +2 SU worth of quarters

—*Medical*: +3 to Medical rating, +3 SU worth of quarters

—*Personnel*: +18 SU worth of quarters

—*Science*: Increase Science rating to 3, +200,000 cubic meters of storage space and shuttlebay for 2 SU worth of craft, +3 SU worth of quarters

—*Security*: Increase Security to 4, +2 auxiliary generators dedicated to maintaining brigs and other security functions

Noteworthy vessels/service records/encounters: *U.S.S. Deneva*, prototype; *U.S.S. Arcos*, NCC-6237, destroyed by warp core breach at Turkana IV (2367); *U.S.S. LaSalle*, NCC-6203, reported radiation anomalies in the Gamma Arigulon system (2367). Also in service: *U.S.S. Eridani*, *U.S.S. Indi*.

CA
MI

042 SA IN
89 IN 20
M16 TS 00

EXCELSIOR CLASS

Class and Type: *Excelsior*-class Exploratory Cruiser

Commissioning Date: 2284/2293 (see text)

HULL SYSTEMS

Size: 7

Length: 511.25 meters
 Beam: 195.64 meters
 Height: 86.76 meters
 Decks: 19
 Mass: 2,350,000 metric tonnes
 SUs Available: 2,275
 SUs Used: 2,211

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130) [1 Power/10 Protection/round] 34
 Backup: Class 6 (Protection 50) [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 50) [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 750/130/9,800

CREW QUARTERS

Spartan: None
 Basic: 700 70
 Expanded: 150 30
 Luxury: 40 40
 Unusual: 18 18

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 3 years' worth 21
 Food Replicators [7 Power/round] 7
 Industrial Replicators 16
 Type: Network of small replicators [2 Power/round]
 Type: 3 large units [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 6 [12 Power/round] 48
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 200,000 cubic meters 6
 Locations: Aft, Engineering hull, saucer
 Escape Pods 8
 Number: 160
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E 75
 Speed: 5.0/9.0/9.2 [1 Power/.2 warp speed]
 PIS: Type C (6 hours of Maximum warp) 6

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Saucer, port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 495 Power/round) 105
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type F (generates 50 Power/round) 50
 EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 543

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35
 Separation System: Saucer separation, no reattachment [10 Power] 6

COMPUTERS

Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Core 3: Engineering [5 Power/round] 14
 Uprating: Class Alpha (+1) [1 Power/computer/round] 6
 ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Forward engineering

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 41
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 21
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 20
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Probes: 100 10

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Navigational Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 1	1
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 8 [2 Power/round]	24
Strength: 8	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	68
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, two in Engineering hull	
Type: Emergency [7 Power/use]	68
Pads: 22	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, two in Engineering hull	
Type: Cargo [4 Power/use]	39
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, two in Engineering hull	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	17
Specialized Systems: 2	10
Laboratories: 25	6

TACTICAL SYSTEMS

Saucer Ventral Phaser Arrays (5)	70
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 40 (up to 1 shot per round per array)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Five arrays spaced equidistantly around forward three-quarters of saucer, ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Phaser Arrays (5)	70
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 40 (up to 1 shot per round per array)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Five arrays spaced equidistantly around forward three-quarters of saucer, dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Dorsal Phaser Array	21
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal aft, between impulse engines	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Starboard Phaser Array	21
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer aft, on starboard extension next to impulse engine	
Firing Arc: 360 degrees starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Port Phaser Array	21
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer aft, on port extension next to impulse engine	
Firing Arc: 360 degrees port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Ventral Phaser Array	29
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Engineering Dorsal Phaser Array

Type: IX

Damage: 180 [18 Power]

Number of Emitters: 120 (up to 3 shots per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering dorsal, between warp pylons

Firing Arc: 360 degrees dorsal

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 5

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward ventral port

Firing Arc: Forward, but are self-guided

Forward Ventral Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 5

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward ventral starboard

Firing Arc: Forward, but are self-guided

Aft Ventral Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 5

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft ventral port

Firing Arc: Aft, but are self-guided

Aft Ventral Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 5

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft ventral starboard

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 120**TA/T/TS: Class Beta [2 Power/round]**

Strength: 8

Bonus: +1

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)**

Shield Generator: Class 5 (Protection 850)

[85 Power/shield/round]

Shield Grid: Type C (50% increase to 1275 Protection)

Subspace Field Distortion Amplifiers: Class Zeta (Threshold 275)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System

29

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 25 Size worth of ships**

50

Standard Complement: 10 shuttlecraft, 5 shuttlepods

Location(s): Saucer aft, Engineering ventral

Captain's Yacht: No**DESCRIPTION AND NOTES**

15

Fleet data: The *Excelsior*-class Exploratory Cruiser is one of Starfleet's longest-lived, most successful designs. It was originally launched in 2284 as a testbed for Starfleet's unsuccessful transwarp drive development project. Although that project failed, the design of the *Excelsior*-class itself was not to blame, and once outfitted with a standard warp drive it proved to be a versatile, powerful ship.

15

The original *Excelsior* design was improved a few years later in 2293, with the launch of the *U.S.S. Enterprise-B*, NCC-1701-B. It incorporated a lengthened Engineering section, improved warp nacelles, updated sensor packages, and modifications to the bridge section, impulse engines, and saucer shuttlebay. The refitted *Excelsior* was faster and stronger than the original, though also more expensive and difficult to produce.

15

The *Excelsior's* design includes the traditional saucer and Engineering hull-pylons-nacelles configuration descended from the *Constitution* class; the two parts are attached by a "connecting interhull" section.

15

The Starship Template above represents the refitted *Excelsior*-class as of 2375. It includes upgrades to many systems, including its weapons. Earlier versions of the *Excelsior* are slightly smaller and have fewer phaser arrays; additionally, its warp drive, shields, navigational computer, and sensors are weaker or less effective.

12

Noteworthy vessels/service records/encounters: *U.S.S. Excelsior*, prototype, later commanded by Captain Hikaru Sulu; *U.S.S. Enterprise-B*, NCC-1701-B, almost destroyed while rescuing two transports in an encounter which costs the life of Admiral James T. Kirk (2293); *U.S.S. Lakota*, NCC-42768, under Captain Erika Benteen participated in Admiral Leyton's attempted takeover of the Federation (2372).

9

78 (x4)

8

7

FREEDOM CLASS

Class and Type: *Freedom-class* Frigate
Commissioning Date: 2361

HULL SYSTEMS

Size: 7
 Length: 430.62 meters
 Beam: 210.11 meters
 Height: 105.78 meters
 Decks: 23
 Mass: 2,010,500 metric tonnes
 SUs Available: 2,050
 SUs Used: 1,996

HULL
 Outer 28
 Inner 28

RESISTANCE
 Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD
 Main: Class 7 (Protection 100/150)
 [1 Power/10 Protection/round] 37
 Backup: Class 7 (Protection 50)
 [1 Power/10 Protection/round] 19
 Backup: Class 7 (Protection 50)
 [1 Power/10 Protection/round] 19

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 540/200/7,600

CREW QUARTERS
 Spartan: None
 Basic: 450 45
 Expanded: 100 20
 Luxury: 35 35
 Unusual: 12 12

ENVIRONMENTAL SYSTEMS
 Basic Life Support [12 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 2 years' worth 14
 Food Replicators [7 Power/round] 7
 Industrial Replicators 13
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark 1 [2 Power/round when active] 5
 Recreation Facilities: 7 [14 Power/round] 56
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 400,000 cubic meters 12
 Locations: Saucer port, saucer starboard
 Escape Pods 9
 Number: 160
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 6C 100
 Speed: 6.0/9.0/9.2 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE
 Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Acceleration Uprating: Class Alpha (66% acceleration)
 [1 Power/round when active] 2
 Location: Saucer aft
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE
 Type: Class 8/N (generates 425 Power/round) 93
 Location: Saucer
 Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 465

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS
 Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Uprating: Class Alpha (+1) [1 Power/computer/round] 4
 ODN 21

Navigational Deflector [5 Power/round] 28
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Saucer ventral

SENSOR SYSTEMS
 Long-range Sensors [5 Power/round] 52
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 80 8

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11

Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	24
Strength: 9	
Security: -4	
Basic Upgrading: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
Holocommunications: Yes	1
TRACTOR BEAMS	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 4/5/7/10	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	54
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Three in saucer	
Type: Emergency [6 Power/use]	51
Pads: 20	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Three in saucer	
Type: Cargo [4 Power/use]	26
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Two in saucer	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	17
Specialized Systems: 2	10
Laboratories: 17	4

TACTICAL SYSTEMS

Forward Dorsal Phaser Array	24
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Ventral Phaser Array	24
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward ventral	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Dorsal Port Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft dorsal port	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Dorsal Starboard Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft dorsal starboard	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Ventral Port Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft ventral port	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Ventral Starboard Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft ventral starboard	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Port Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
Spread: 8
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Forward ventral
Firing Arc: Forward, but are self-guided

Forward Starboard Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
Spread: 8
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Forward ventral
Firing Arc: Forward, but are self-guided

Aft Port Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
Spread: 8
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Aft saucer, dorsal port
Firing Arc: Aft, but are self-guided

Aft Starboard Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)
Spread: 8
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Aft saucer, dorsal starboard
Firing Arc: Aft but are self-guided

Torpedoes Carried: 100 10

TA/T/TS: Class Beta [1 Power/round] 9

Strength: 8
Bonus: +1

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard) 61 (x4)

Shield Generator: Class 3 (Protection 600)
[60 Power/shield/round]
Shield Grid: Type C (50% increase to 900 Protection)
Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)
Recharging System: Class 1 (45 seconds)
Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 60 Size worth of ships 120

Standard Complement: 25 shuttlecraft, 10 shuttlepods
Location(s): Saucer aft

Captain's Yacht: Yes 10

DESCRIPTION AND NOTES

Fleet data: Created during the *Galaxy-Class* Starship Development Project using some of that Project's advances, the *Freedom-class* Frigate consists of a *Galaxy-class*-like saucer linked to a single ventral warp nacelle by an connecting interhull modeled after the old *Constitution-class* Explorer. The result is a ship which, while certainly possessing an odd profile, makes an effective patrol and support vessel.

Because of its extensive cargo capacity, shuttlecraft complement, and advanced medical systems (including an EMH, added to the class in 2374), the *Freedom-class* is often used for colony support missions, disaster relief, and missions to systems ravaged by warfare. Although not heavily armed, its six small phaser arrays and twin forward photon torpedo launchers allow it to defend itself against aggressors.

Noteworthy vessels/service records/encounters: *U.S.S. Freedom*, prototype; *U.S.S. Firebrand*, NCC-68723, destroyed by the Borg at Wolf 359 (2367). Also in service: *U.S.S. Concorde*, NCC-68711.



042 SA IN
88 IN 20
M16 TS 00

GALAXY CLASS

Class and Type: *Galaxy-class Explorer*

Commissioning Date: 2356

HULL SYSTEMS

Size: 8

Length: 642.51 meters

Beam: 463.73 meters

Height: 195.26 meters

Decks: 42

Mass: 4,500,000 metric tonnes

SUs Available: 3,130

SUs Used: 3,026

HULL

Outer 32

Inner 32

RESISTANCE

Outer Hull: 8 9

Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
 [1 Power/10 Protection/round] 32

Backup1: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16

Backup 2: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 1,012/200/15,000

CREW QUARTERS

Spartan: None

Basic: 950 95

Expanded: 385 77

Luxury: 110 110

Unusual: 55 55

ENVIRONMENTAL SYSTEMS

Basic Life Support [13 Power/round] 32

Reserve Life Support [7 Power/round] 16

Emergency Life Support (48 emergency shelters) 16

Gravity [4 Power/round] 8

Consumables: 3 years' worth 24

Food Replicators [8 Power/round] 8

Industrial Replicators 17

Type: Network of small replicators [2 Power/round]

Type: 3 large units [2 Power/replicator/round]

Medical Facilities: 10 (+2) [10 Power/round] 50

Recreation Facilities: 8 [16 Power/round] 64

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 24

Fire Suppression System [1 Power/round when active] 8

Cargo Holds: 333,000 cubic meters 10

Locations: 18 main cargo holds and other minor holds throughout the ship

Escape Pods 10

Number: 180

Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D9 108

Speed: 6.0/9.2/9.90 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35

Location: Engineering section

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35

Location: Saucer section

Reaction Control System (.025c) [2 Power/round when in use] 8

POWER SYSTEMS

WARP ENGINE

Type: Class 12/R (generates 630 Power/round) 133

Location: Engineering section

Impulse Engine[s]: 2 Class 7 (generate 56 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type F (generates 50 Power/round) 50

EPS: Standard Power flow, +330 Power transfer/round 73

Standard Usable Power: 742

OPERATIONS SYSTEMS

Bridge: Saucer section dorsal 40

Auxiliary Control Room: Engineering section 24

Separation System: Saucer separation [10 Power] 10

COMPUTERS

Core 1: Saucer section, port [5 Power/round] 16

Core 2: Saucer section, starboard [5 Power/round] 16

Core 3: Engineering section [5 Power/round] 16

Uprating: Class Beta (+2) [2 Power/computer/round] 12

ODN 24

Navigational Deflector [5 Power/round] 32

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Forward ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 54

Range Package: Type 7 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)

Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 26

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 24

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Probes: 60 probes of varying types 6

Sensors Skill: 5

74206
74856
NX 01A

RI
SA
AC
S1

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 2 [1 Power/round in use]	14
Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 2	2
Inertial Damping Field	
Main	96
Strength: 9 [3 Power/round]	
Number: 6	
Backup	24
Strength: 6 [2 Power/round]	
Number: 6	
Attitude Control (2 Power/round)	2

COMMUNICATIONS SYSTEMS

Type: Class 9 [2 Power/round]	26
Strength: 9	
Security: -5 (Class Gamma uprating)	
Basic Uprating: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral (above main deflector)	
Emitter: Class Alpha [3 Power/Strength used/round]	9
Accuracy: 5/6/8/11	
Location: Shuttlebays 1, 2, and 3	

TRANSPORTERS

Type: Personnel [5 Power/use]	102
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Four in saucer section, two in Engineering section	
Type: Emergency [7 Power/use]	102
Pads: 22	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Four in saucer section, two in Engineering section	
Type: Cargo [4 Power/use]	88
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: Four on Deck 4, four on Decks 38/39	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	8
Internal Force Fields [1 Power/3 Strength]	8

SCIENCE SYSTEMS

Rating 3 (+2) [3 Power/round]	23
Specialized Systems: 3	15
Laboratories: 32	8

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Battle Section Upper Phaser Array (Port)	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 50 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering section dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Battle Section Upper Phaser Array (Starboard)	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 50 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering section dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Battle Section Forward Dorsal Phaser Array	24
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering section forward (concealed when ship not separated)	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Battle Section Ventral Phaser Array	23
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering section ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Battle Section Aft Dorsal Phaser Array (Port)

17

Type: X

Damage: 200 [20 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering section dorsal

Firing Arc: 360 degrees aft dorsal

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Battle Section Aft Dorsal Phaser Array (Starboard)

17

Type: X

Damage: 200 [20 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering section aft dorsal

Firing Arc: 360 degrees dorsal

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Battle Section Aft Ventral Phaser Array (Port)

17

Type: X

Damage: 200 [20 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering section aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Battle Section Aft Ventral Phaser Array (Starboard)

17

Type: X

Damage: 200 [20 Power]

Number of Emitters: 50 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering section aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Nacelle Ventral Phaser Array (Port)

19

Type: X

Damage: 200 [20 Power]

Number of Emitters: 60 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Nacelle pylon aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Nacelle Ventral Phaser Array (Starboard)

19

Type: X

Damage: 200 [20 Power]

Number of Emitters: 60 (up to 1 shot per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Nacelle pylon aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Torpedo Launcher

17

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Engineering section aft

Firing Arc: Aft, but are self-guided

Forward Ventral Torpedo Launcher

17

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Engineering section forward

Firing Arc: Forward, but are self-guided

Saucer Aft Torpedo Launcher

17

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Saucer section aft (concealed when ship not separated)

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 275

28

TA/T/TS: Class Gamma [2 Power/round]

12

Strength: 9

Bonus: +2

Weapons Skill: 5**Shields (Forward, Aft, Port, Starboard)**

100 (x4)

Shield Generator: Class 6 (Protection 1200)

[120 Power/shield/round]

Shield Grid: Type C (50% increase to 1800 Protection)

Subspace Field Distortion Amplifiers: Class Theta (Threshold 400)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield)

8

Auto-Destruct System

8

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 62 Size worth of ships**

124

Standard Complement: 25 shuttles, 12 shuttlepods

Location(s): Main shuttlebay (saucer section), two smaller bays (engineering section, forward dorsal, port and starboard)

Captain's Yacht: Yes

10

DESCRIPTION AND NOTES

Fleet Data: The *Galaxy* class of starships is one of the most powerful and innovative in Federation history. Design on the class began in 2343, and the first vessel, the *U.S.S. Galaxy*, was launched in 2356. It incorporates many important technological advances which allow it to perform a wide variety of missions, but its primary missions are long term exploration, scientific investigation and defense of the Federation.

ALLO
RYN
032501

Built for a lengthy service life, the *Galaxy*-class contains numerous systems which can be replaced *in toto* at a spacedock facility. With a crew exceeding 1,000, it's a virtual city in space, and carries many civilians in the form of crewmembers' families. Its saucer section can separate from its Engineering hull to take the civilians away from dangerous situations if necessary.

(Note: This template represents the uprated version of the *Galaxy*-class vessel in use as of 2375. Earlier versions were more or less identical, but had slightly less powerful warp drives and fewer upgraded systems. For the standard version, reduce its warp nacelles to Type 6D, and substitute the lower range figures for its photon torpedoes.)

Noteworthy vessels/service records/encounters: *U.S.S. Galaxy*, prototype; *U.S.S. Enterprise-D*, see extensive documentation, destroyed in combat with the Duras sisters (2371); *U.S.S. Yamato*, NCC-71807, destroyed by computer failure after contact with Iconian software weapon (2365); *U.S.S. Odyssey*, NCC-71832, destroyed in confrontation with the Jem'Hadar in the Gamma Quadrant (2370); *U.S.S. Venture*, NCC-71854, led relief force to Deep Space 9 in response to Klingon invasion of Cardassian Union (2372); *U.S.S. Vel'dna*, NCC-72406, led one of the *Galaxy* wings participating in Operation Return (2374); *U.S.S. Kludy*, NCC-71095, destroyed five Dominion ships during the Third Battle of Vulcanis (2375); *U.S.S. Courageous*, NCC-72579, participated in attacks on Chin'toka system (2375), *U.S.S. Indomitable*, NCC-73462, established Federation presence at Bridgetown space station and began exploration of Kellinan Reach (2376).

HOKULE'A CLASS

Class and Type: *Hokule'a*-class Scout

Commissioning Date: 2314

HULL SYSTEMS

Size: 4

Length: 136.54 meters

Beam: 36.0 meters

Height: 27.62 meters

Decks: 6

Mass: 168,500 metric tonnes

SUs Available: 1,200

SUs Used: 1,136

HULL

Outer 16

Inner 16

RESISTANCE

Outer Hull: 4 3

Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
[1 Power/10 Protection/round] 22

Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 11

Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 11

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 60/25/350

CREW QUARTERS

Spartan: None

Basic: 50 5

Expanded: 10 2

Luxury: 5 5

Unusual: 3 3

ENVIRONMENTAL SYSTEMS

Basic Life Support [7 Power/round] 16

Reserve Life Support [4 Power/round] 8

Emergency Life Support (24 emergency shelters) 8

Gravity [2 Power/round] 4

Consumables: 1 year's worth 4

Food Replicators [4 Power/round] 4

Industrial Replicators 4

Type: Network of small replicators [2 Power/round]

Medical Facilities: 4 (+1) [4 Power/round] 20

Recreation Facilities: 4 [8 Power/round] 32

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 12

Fire Suppression System [1 Power/round when active] 4

Cargo Holds: 10,000 cubic meters 1

Locations: Engineering aft, 3 smaller holds throughout saucer

Escape Pods 5

Number: 100

Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E3 76

Speed: 5.0/9.0/9.3 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35

Acceleration Upgrading: Class Alpha (66% acceleration)

[1 Power/round when active] 2

Location: Saucer aft, port and starboard

Reaction Control System (.025c) [2 Power/round when in use] 4

POWER SYSTEMS

WARP ENGINE

Type: Class 5/H (generates 299 Power/round) 65

Location: Engineering hull

Impulse Engine[s]: 1 Class 7 (generate 56 Power/engine/round)

Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9

Emergency Power: Type C (generates 35 Power/round) 35

EPS: Standard Power flow, +160 Power transfer/round 36

Standard Usable Power: 355

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 20

COMPUTERS

Core 1: Saucer port [5 Power/round] 8

Core 2: Saucer starboard [5 Power/round] 8

ODN 12

Navigational Deflector [5 Power/round] 16

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Forward end of Engineering, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52

Range Package: Type 7 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)

Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 24

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 22

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Probes: 80 8

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3

[1 Power/round in use] 12

Navigation Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 1	1
Inertial Damping Field	
Main	16
Strength: 9 [3 Power/round]	
Number: 2	
Backup	6
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 9 [2 Power/round]	21
Strength: 9	
Security: -4	
Basic Upgrading: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Beta [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: Forward	
Emitter: Class Beta [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: Aft	

TRANSPORTERS

Type: Personnel [5 Power/use]	34
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering	
Type: Emergency [4 Power/use]	28
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering	
Type: Cargo [4 Power/use]	24
Pads: 200 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering	

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	4
Internal Force Fields [1 Power/3 Strength]	4

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	14
Specialized Systems: None	
Laboratories: 5	2

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 33

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 160 (up to 4 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 33

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 160 (up to 4 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Port Pylon Phaser Array 21

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Port pylon
 Firing Arc: 405 degrees port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Starboard Pylon Phaser Array 21

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Starboard pylon
 Firing Arc: 405 degrees starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Port Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Forward Starboard Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided



042 SA IN
89 IN 20
M16 TS 00

Aft Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)

Spread: 4

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft Engineering

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 50 5**TA/T/TS: Class Alpha [0 Power/round]** 6

Strength: 7

Bonus: +0

Weapons Skill: 3**Shields (Forward, Aft, Port, Starboard)** 24 (x4)

Shield Generator: Class 2 (Protection 400)

[40 Power/shield/round]

Shield Grid: Type B (33% increase to 533 Protection)

Subspace Field Distortion Amplifiers: Class Beta (Threshold 100)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 4

During the Dominion War, *Hokule'a*-class ships performed many behind-the-lines scouting missions, seeking military intelligence on Dominion movement and activities. Their speed and size made them well-suited for such missions. Some received warp drive, shield, sensor, and/or weapon upgrades to improve their chances for survival.

Noteworthy vessels/service records/encounters: *U.S.S. Hokule'a*, prototype; *U.S.S. Tripoli*, NCC-19386, discovered the android Data at the Omicron Theta colony (2338); *U.S.S. Sakai*, NCC-19794, explored the Va'tari System and initiated first contact with the Va'Ca'Rasa species (2347).

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 4 Size worth of ships**

8

Standard Complement: 2 shuttlecraft

Location(s): Aft saucer

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: Created sixty years ago, during a period when the expansion of Federation territory continued at a steady pace, the *Hokule'a*-class Scout has served admirably in peace and in war as a vessel of exploration and reconnaissance. For most of the lifespan of the class it has performed exploration missions in which it enters new systems and sectors to perform preliminary surveys prior to the arrival of laboratory/research vessels and surveyors.

The *Hokule'a*'s class designation comes from its supposed resemblance to an old Earth vessel called a catamaran. It consists of a central Engineering hull which runs underneath a dorsal saucer for about a third of its length, and half the length of the saucer; the two are linked by a short, wide connecting interhull which melds with both saucer and Engineering hull in a curvilinear fashion reminiscent of the much younger *Galaxy*- or *Intrepid*-class ships. From the port and starboard sides of the Engineering hull, broad, thick pylons curve gently downward to hold the warp nacelles. Along the apex of the curve is a phaser array which thus has an arc of fire greater than 360 degrees.

INTREPID CLASS

Class and Type: *Intrepid*-class Light Explorer

Commissioning Date: 2370

HULL SYSTEMS

Size: 6

Length: 344.42 meters
 Beam: 133.42 meters
 Height: 66.35 meters
 Decks: 15
 Mass: 700,000 metric tonnes
 SUs Available: 2,250
 SUs Used: 2,099

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130) [1 Power/10 Protection/round] 33
 Backup: Class 6 (Protection 45) [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 45) [1 Power/10 Protection/round] 17

**Specialized Hull: Atmospheric Capability;
 Planetfall Capability** 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 150/65/3,550

CREW QUARTERS

Spartan: None
 Basic: 250 25
 Expanded: 30 6
 Luxury: 5 5
 Unusual: 2 2

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
 Reserve Life Support [5 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 3 years' worth 18
 Food Replicators [6 Power/round] 6
 Industrial Replicators 9
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round] 40
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark I [2 Power/round when active] 5
 Recreation Facilities: 5 [10 Power/round] 40
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 66,000 cubic meters 2
 Locations: Lower Cargo Bays 1-2 (accessed by doors on ventral side of saucer), Upper Cargo Bays 1-2, several smaller bays in

Engineering hull
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D97 112
 Speed: 6.0/9.6/9.975 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16
 Special Configuration: Variable-Geometry (-2 Power for Sustainable/Maximum) 5

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
 Location: Aft edge of warp nacelle pylons
 Reaction Control System (.025c) [2 Power/round when in use] 6
 Auxiliary Thrusters [2 Power/round when in use] 3

POWER SYSTEMS

WARP ENGINE

Type: Class 10/P (generates 500 Power/round) 110
 Location: Engineering hull, decks 8-13
 Impulse Engine[s]: 1 Class 7 (generate 56 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 556

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30
 Detachable Bridge 3

COMPUTERS (BIO-NEURAL)

Core 1: Saucer, decks 6-7 [7 Power/round] 18
 Core 2: Engineering hull, decks 10-11 [7 Power/round] 18
 Uprating: Class Beta (+2) [2 Power/computer/round] 8
 ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Forward engineering hull, ventral of saucer
 Auxiliary Deflector: Forward dorsal saucer 6

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 59
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: .5/.6-1.0/1.1-3.8/3.9-5.0
 Low Resolution: 1/1.1-6.0/6.1-13.0/13.1-17
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Detect an additional 3,000 substances
 Lateral Sensors [5 Power/round] 31
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Detect an additional 3,000 substances

Navigational Sensors: [5 Power/round]	20
Strength Package: Class 8 (Strength 8)	
Gain Package: Class Beta (+2)	
Probes: 60	6
Sensors Skill: 5	
FLIGHT CONTROL SYSTEMS	
Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use]	12
Navigational Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 2	2
Inertial Damping Field	
Main	48
Strength: 9 [3 Power/round]	
Number: 4	
Backup	12
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [1 Power/round]	1
COMMUNICATIONS SYSTEMS	
Type: Class 8 [2 Power/round]	24
Strength: 8	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Ventral Engineering hull, below navigational deflector	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Main shuttlebay	
TRANSPORTERS	
Type: Personnel [4 Power/use]	32
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two, both on deck four of saucer section	
Type: Emergency [5 Power/use]	45
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer section, one in engineering hull	
Type: Cargo [4 Power/use]	39
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength G)	
Number and Location: Two in saucer section, one in engineering hull	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6
SCIENCE SYSTEMS	
Rating 3 (+2) [3 Power/round]	21
Specialized Systems: Two, defined when ship is constructed	10
Laboratories: 30	6

TACTICAL SYSTEMS

Saucer Forward Starboard Ventral Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral, forward starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Forward Port Ventral Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral, forward port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Forward Starboard Dorsal Phaser Array	47
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal, forward starboard	
Firing Arc: 270 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Forward Port Dorsal Phaser Array	47
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal, forward port	
Firing Arc: 270 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Starboard Ventral Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral, aft starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Port Ventral Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral, aft port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

ALLO
RYN
032501

Saucer Aft Starboard Dorsal Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal, aft starboard	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Aft Port Dorsal Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal, aft port	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Ventral Phaser Array	32
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Starboard Ventral Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft ventral, starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Port Ventral Phaser Array	17
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft ventral, port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Forward Torpedo Launcher (High-Yield)	22
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Engineering forward, starboard	
Firing Arc: Forward, but are self-guided	

Port Forward Torpedo Launcher (High-Yield)	22
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Engineering forward, port	
Firing Arc: Forward, but are self-guided	
Starboard Aft Torpedo Launcher (High-Yield)	22
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Ship's dorsal spine, aft starboard	
Firing Arc: Aft, but are self-guided	
Port Aft Torpedo Launcher (High-Yield)	22
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Ship's dorsal spine, aft port	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 40 Type II, 10 Type VI	9
TA/T/TS: Class Beta [1 Power/round]	9
Strength: 8	
Bonus: +1	
Weapons Skill: 4	
Shields (Forward, Aft, Port, Starboard)	64 (x4)
Shield Generator: Class 4 (Protection 800)	
[80 Power/shield/round]	
Shield Grid: Type C (50% increase to 1200 Protection)	
Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)	
Recharging System: Class 2 (40 seconds)	
Backup Shield Generators: 4 (1 per shield)	
Auto-Destruct System	6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 32 Size worth of ships	64
Standard Complement: Four Type 8 and twelve Type 9 shuttlecraft	
Location(s): Main shuttlebay aft of bridge, secondary smaller shuttlebay	
Captain's Yacht: Yes ("Aeroshuttle")	10

DESCRIPTION AND NOTES

Fleet data: One of Starfleet's most advanced designs to date, the *Intrepid*-class Light Explorer comes equipped with a host of sophisticated technological advances designed to help it perform its mission, and to give it the effectiveness of ships much larger and less maneuverable than it. These include multi-spectral shields, bio-neural computers, special SIF reinforcement grids along the hull, an auxiliary deflector, and an advanced warp propulsion system (supple-

mented by a “spare” warp core, actually a sufficient collection of parts to build a replacement core if necessary).

The *Intrepid* can attain extremely high speeds not only because of its advanced warp core, but due to its variable geometry warp nacelles, which allow the ship to adjust its warp field for maximum efficiency. The vessel’s streamlined shape also allows it to project an unusually efficient warp field. To ensure that the ship does not experience a catastrophic warp speed collision, it has two navigational deflectors—a main one on the forward end of the engineering hull, and a much smaller auxiliary deflector on the forward dorsal end of the saucer section.

The *Intrepid’s* bridge module can separate from the main hull, and has its own maneuvering thrusters so that the crew can steer it. In game terms, this is bought as a detachable warhead, without the torpedoes or attendant military uses. The detached bridge has no weaponry.

Since the class’s primary mission profiles involve exploration and scientific experimentation, it possesses an extensive complement of laboratories and scientific facilities. Each ship has two laboratory slot which are particularly advanced; Starfleet’s engineers decide which labs to place in those slots (and thus which scientific tasks the ship excels at) when building each vessel. Most laboratories are on decks seven and eight.

The captain’s yacht attached to the *Intrepid* is a special ship known as an “Aeroshuttle.” Patterned in part after the *Danube*-class runabout, it is slightly larger and more maneuverable than a typical yacht.

Although not intended as a front-line combat vessel, the *Intrepid* has powerful tactical systems. These include multiple Type X phaser arrays and four high-yield torpedo launchers. The ship ordinarily carries Type II and Type VI torpedoes.

Most intriguingly of all, the *Intrepid* has atmospheric *and* planetfall capability—making it the largest Starfleet vessel with those abilities. When it lands, four large articulated “legs” emerge from the ventral side of the engineering hull to support it.

Note: The Starship Template for the basic *Intrepid*-class Light Explorer does not accurately represent the *U.S.S. Voyager* in all respects, since that ship’s crew has extensively modified her (in part with Borg technology) during her time in the Delta Quadrant. Some of the changes worked on the *Voyager* include: improved shields

(Protection 1500, Threshold 300); improved navigational sensors (its advanced astrometrics laboratory makes them ten times better than its standard sensors, by some estimates); and the addition of an advanced form of shuttle, the *Delta Flyer*.

Noteworthy vessels/service records/encounters: *U.S.S. Intrepid*, NCC-74500, prototype, patrolled Romulan Neutral Zone during the Dominion War (2374-2375); *U.S.S. Voyager*, NCC-74656, lost in the Delta Quadrant due to the actions of mysterious being known as the “Caretaker” (2371-77); *U.S.S. Trailblazer*, NCC-74697, explored Typhon Sector (2374-2375); *U.S.S. Vor’kaan*, NCC-74712, explored Kellinan Reach (2376-present), *U.S.S. Bellerophon*, NCC-74705, carried diplomatic and scientific delegation to Romulus (2375). Also in service: *U.S.S. Gallant*, *U.S.S. Nelson*, *U.S.S. Vanguard*, *U.S.S. Goliath*, *U.S.S. Zealous*, *U.S.S. Theseus*, *U.S.S. Audacious*.

ISTANBUL CLASS

Class and Type: *Istanbul*-class Fast Cruiser

Commissioning Date: 2346

HULL SYSTEMS

Size: 6

Length: 355.82 meters
Beam: 214.69 meters
Height: 70.0 meters
Decks: 15
Mass: 1,605,500 metric tonnes
SUs Available: 2,100
SUs Used: 2,026

HULL

Outer 24
Inner 24

RESISTANCE

Outer Hull: 8 9
Inner Hull: 6 6
Ablative Armor: 700 140

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
[1 Power/10 Protection/round] 27
Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 14
Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 626/135/8,100

CREW QUARTERS

Spartan: None
Basic: 600 60
Expanded: 120 24
Luxury: 40 40
Unusual: 15 15

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 24
Reserve Life Support [6 Power/round] 12
Emergency Life Support (36 emergency shelters) 12
Gravity [3 Power/round] 6
Consumables: 2 years' worth 12
Food Replicators [6 Power/round] 6
Industrial Replicators 12
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round]
Medical Facilities: 7 (+2) [7 Power/round] 35
Recreation Facilities: 6 [12 Power/round] 48
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
Fire Suppression System [1 Power/round when active] 6
Cargo Holds: 166,000 cubic meters 5
Locations: Saucer port and starboard, 5 others throughout saucer and Engineering hull
Escape Pods 8
Number: 140
Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C5 102
Speed: 6.0/9.0/9.5 [1 Power/.2 warp speed]
PIS: Type G (10 hours of Maximum warp) 14

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
Acceleration Uprating: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Saucer aft, port and starboard
Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 495 Power/round) 105
Location: Engineering hull
Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +250 Power transfer/round 55

Standard Usable Power: 408

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer [5 Power/round] 12
Core 2: Engineering hull [5 Power/round] 12
Uprating: Class Alpha (+1) [1 Power/computer/round] 4
ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Engineering hull forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 46
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Coverage: Standard
Lateral Sensors [5 Power/round] 22
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Coverage: Standard
Navigational Sensors: [5 Power/round] 20
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Probes: 50 5

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigation Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 2 2
Inertial Damping Field
 Main 36
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [1 Power/round] 1

COMMUNICATIONS SYSTEMS
 Type: Class 7 [2 Power/round] 17
 Strength: 7
 Security: -3
 Basic Upgrading: Class Alpha (+1)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Forward
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS
 Type: Personnel [5 Power/use] 51
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering hull
 Type: Emergency [5 Power/use] 60
 Pads: 16
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, two in Engineering hull
 Type: Cargo [4 Power/use] 39
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering hull

Cloaking Device: None

SECURITY SYSTEMS
 Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS
 Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 1 5
 Laboratories: 12 4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 48
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 32
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array 31
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Port Pylon Dorsal Phaser Array 19
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 60 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Port pylon dorsal
 Firing Arc: 360 degrees port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Starboard Pylon Dorsal Phaser Array 19
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 60 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Starboard pylon dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Phaser Array 23
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft Engineering
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward dorsal
 Firing Arc: Forward, but are self-guided

Forward Ventral Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral (in interhull)
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 100 10**TA/T/TS: Class Beta [1 Power/round]** 9

Strength: 8
 Bonus: +1

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)** 66 (x4)

Shield Generator: Class 5 (Protection 810)
 [81 Power/shield/round]
 Shield Grid: Type C (50% increase to 1215 Protection)
 Subspace Field Distortion Amplifiers: Class Zeta (Threshold 275)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 6**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 20 Size worth of ships** 40

Standard Complement: 7 shuttlecraft, 6 shuttlepods
 Location(s): Saucer aft

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: Designed 30 years ago to fill a perceived need for a ship which could conduct reconnaissance-, scouting-, and exploration-type missions in extremely dangerous areas, and secondarily could act as a courier for large groups of persons who needed to travel into or through such areas, the *Istanbul*-Class Fast Cruiser has performed that function admirably. Roomy for a Fast Cruiser, it can carry more personnel than most ships of its class.

Due to its usefulness, the *Istanbul*-class has received numerous upratings and improvements. The latest of these is the addition of ablative armor to its hull, which helped protect the ship from the rigors of the Dominion War (during which it performed many important missions).

Physically, the *Istanbul* betrays its role as one of the predecessors of the *Nebula*-class Cruiser. Its saucer strongly resembles the *Nebula*'s, though its relatively small Engineering hull is somewhat larger. It has three warp nacelles, two ventral on the sides and a third dorsal along the ship's centerline.

Noteworthy vessels/service records/encounters: *U.S.S. Istanbul*, prototype; *U.S.S. Constantinople*, NCC-34852, suffered hull breach near Gravesworld and was rescued by *U.S.S. Enterprise-D* (2365); *U.S.S. Sarajevo*, NCC-38529, lost in Gamma Quadrant during exploration mission, later confirmed destroyed by the Dominion (2370). Also in service: *U.S.S. Havana*, NCC-34043; *U.S.S. Chicago*, NCC-34055; *U.S.S. Kiev*, NCC-34123.

KOROLEV CLASS

Class and Type: *Korolev-class* Surveyor

Commissioning Date: 2352

HULL SYSTEMS

Size: 6

Length: 310.10 meters

Beam: 125.63 meters

Height: 58.74 meters

Decks: 12

Mass: 345,000 metric tonnes

SUs Available: 1,730

SUs Used: 1,653

HULL

Outer 24
Inner 24

RESISTANCE

Outer Hull: 8 9
Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110) [1 Power/10 Protection/round] 27
Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14
Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14

Specialized Hull: Atmospheric Capability 6

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 712/990/5,500

CREW QUARTERS

Spartan: None
Basic: 650 65
Expanded: 200 40
Luxury: 40 40
Unusual: 25 25

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 24
Reserve Life Support [6 Power/round] 12
Emergency Life Support (36 emergency shelters) 12
Gravity [3 Power/round] 6
Consumables: 3 years' worth 18
Food Replicators [6 Power/round] 6
Industrial Replicators 12
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round] 40
Medical Facilities: 8 (+2) [8 Power/round] 40
Recreation Facilities: 7 [14 Power/round] 56
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
Fire Suppression System [1 Power/round when active] 6
Cargo Holds: 100,000 cubic meters 3
Locations: Saucer port, saucer starboard, aft Engineering, 4 others throughout ship

Escape Pods 8
Number: 140
Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A 90
Speed: 6.3/8.0/9.0 [1 Power/.2 warp speed]
PIS: Type 1 (18 hours of Maximum warp) 18
Upgrading: Package 3 (+0.3 to Standard) 6

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
Location: Saucer aft, port and starboard
Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 6/K (generates 325 Power/round) 73
Location: Engineering hull
Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +280 Power transfer/round 58

Standard Usable Power: 365

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer port [5 Power/round] 12
Core 2: Saucer starboard [5 Power/round] 12
Core 3: Engineering [5 Power/round] 12
Upgrading: Class Beta (+2) [2 Power/computer/round] 12
ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11

Location: Engineering forward

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 58
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: +2000 substances/phenomena
Lateral Sensors [5 Power/round] 30
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: +2000 substances/phenomena
Navigational Sensors: [5 Power/round] 22
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Probes: 200 20

Sensors Skill: 5

ALLO
RYN
032501

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 2, Coordination 1 [1 Power/round in use] 7
 Navigational Computer 4
 Main: Class 3 (+2) [2 Power/round] 2
 Backups: 2
 Inertial Damping Field 36
 Main
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 12
 Strength: 6 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 16
 Strength: 8
 Security: -3
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [4 Power/use] 45
 Pads: 4
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in Engineering hull
 Type: Emergency [5 Power/use] 42
 Pads: 16
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: Two in saucer, one in Engineering hull
 Type: Cargo [5 Power/use] 26
 Pads: 600 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class G (Strength 7)
 Number and Location: One in saucer, one in Engineering hull

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 4 (+3) [5 Power/round] 26
 Specialized Systems: 3 15
 Laboratories: 30 6

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 25
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 25
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher 14
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Aft Dorsal Torpedo Launcher 14
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft dorsal
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 40 4

TA/T/TS: Class Alpha [0 Power/round] 6
 Strength: 7
 Bonus: +0

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 34 (x4)
 Shield Generator: Class 2 (Protection 400) [40 Power/shield/round]
 Shield Grid: Type B (33% increase to 533 Protection)
 Subspace Field Distortion Amplifiers: Class Beta (Threshold 100)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 20 Size worth of ships 40
 Standard Complement: 7 shuttlecraft, 6 shuttlepods
 Location(s): Saucer aft

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: Designed for long-term deep survey missions, the *Korolev*-class Surveyor is one of the largest and sturdiest science vessels currently fielded by Starfleet. Named for a famed 20th century Earth space exploration pioneer (whose name also graced a *Miranda*-class vessel devoted to scientific purposes which was decommissioned in 2314), the *Korolev*-class ship typically undertakes multi-year deep space missions to chart distant star systems, investigate stellar anomalies, and generally advance the Federation's body of scientific knowledge.

Starfleet continually uprates *Korolev*-class vessels so that they have the most state of the art sensor and science packages available. To facilitate this process, many of its laboratories and larger sensor arrays are modular. At a spacedock, Starfleet engineers can easily tractor one out and install a newer, better module in its place.

The main body of the *Korolev* is an Engineering hull modeled after the type used on the *Ambassador*-class Heavy Cruiser, but somewhat more streamlined and elongated, with a rounded front end (where the navigational deflector is) and a tapered aft end. The nacelles are held on two short pylons which project slightly upward at a slight forward angle. The Engineering hull projects just a little bit forward of the short, thick connecting interhull, which leads to an ovate saucer section.

Noteworthy vessels/service records/encounters: *U.S.S. Korolev*, NX-59387, prototype (not to be confused with earlier *Miranda*-class vessel, NCC-2014); *U.S.S. Goddard*, NCC-59621, participated in tachyon grid to prevent Romulan interference in Klingon civil war (2368); *U.S.S. Gathev*, NCC-61628, conducted exploration of Gamma Quadrant (2371).

MEDITERRANEAN CLASS

Class and Type: *Mediterranean-class Frigate*

Commissioning Date: 2339

HULL SYSTEMS

Size: 5

Length: 285.43 meters
Beam: 87.82 meters
Height: 45.61 meters
Decks: 9
Mass: 468,000 metric tonnes
SUs Available: 1,685
SUs Used: 1,618

HULL

Outer 20
Inner 20

RESISTANCE

Outer Hull: 8 9
Inner Hull: 6 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110) 26
[1 Power/10 Protection/round]
Backup: Class 4 (Protection 40) 13
[1 Power/10 Protection/round]
Backup: Class 4 (Protection 40) 13
[1 Power/10 Protection/round]

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 115/85/2,200

CREW QUARTERS

Spartan: None
Basic: 100 10
Expanded: 35 7
Luxury: 10 10
Unusual: 3 3

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 20
Reserve Life Support [5 Power/round] 10
Emergency Life Support (30 emergency shelters) 10
Gravity [3 Power/round] 5
Consumables: 2 years' worth 10
Food Replicators [5 Power/round] 5
Industrial Replicators 11
Type: Network of small replicators [2 Power/round]
Type: 2 large unit [2 Power/replicator/round]
Medical Facilities: 6 (+1) [6 Power/round] 30
Recreation Facilities: 5 [10 Power/round] 40
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
Fire Suppression System [1 Power/round when active] 5
Cargo Holds: 66,000 cubic meters 2
Locations: Saucer port, saucer starboard, 3 other locations throughout ship
Escape Pods 7
Number: 120
Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6.92 86
Speed: 6.0/7.3/9.2 [1 Power/.2 warp speed]
PIS: Type I (15 hours of Maximum warp) 18
Upgrading: Package 3 (+0.3 for Sustainable) 4

IMPULSE ENGINE

Type: Class 5A (.72c/.9c) [7/9 Power/round] 28
Location: Saucer aft, port and starboard

IMPULSE ENGINE

Type: Class 5A (.72c/.9c) [7/9 Power/round] 28
Location: Engineering, at dorsal juncture of pylons and hull
Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 445 Power/round) 95
Location: Engineering hull
Impulse Engine[s]: 2 Class 5A (generate 44 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +240 Power transfer/round 49

Standard Usable Power: 533

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25
Auxiliary Control Room: Battle bridge,
Engineering forward dorsal 15
Separation System: Saucer separation [10 Power] 11

COMPUTERS

Core 1: Saucer [5 Power/round] 10
Core 2: Engineering [5 Power/round] 10
Upgrading: Class Alpha (+1) [1 Power/computer/round] 4
ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Forward Engineering hull

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 37
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Coverage: Standard
Lateral Sensors [5 Power/round] 17
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Coverage: Standard
Navigational Sensors: [5 Power/round] 16
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Probes: 60 6

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use]	11
Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 1	1
Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 7 [2 Power/round]	19
Strength: 7	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	51
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, one in Engineering	
Type: Emergency [6 Power/use]	48
Pads: 18	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, one in Engineering	
Type: Cargo [4 Power/use]	26
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering	

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	15
Specialized Systems: 1	5
Laboratories: 8	2

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array

40

Type: X
Damage: 200 [20 Power]
Number of Emitters: 160 (up to 4 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer dorsal
Firing Arc: 405 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array

32

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer ventral
Firing Arc: 405 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Dorsal Phaser Array

31

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering dorsal
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array

31

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering ventral
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Dorsal Phaser Array

27

Type: X
Damage: 200 [20 Power]
Number of Emitters: 100 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Aft dorsal
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Ventral Phaser Array

27

Type: X
Damage: 200 [20 Power]
Number of Emitters: 100 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Aft ventral
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Starboard Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal starboard
 Firing Arc: Forward, but are self-guided

Forward Dorsal Port Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal port
 Firing Arc: Forward, but are self-guided

Aft Starboard Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull aft starboard
 Firing Arc: Aft, but are self-guided

Aft Port Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull aft port
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 120 12**TA/T/TS: Class Beta [1 Power/round]** 9

Strength: 8
 Bonus: +1

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)** 46 (x4)

Shield Generator: Class 4 (Protection 750)
 [75 Power/shield/round]
 Shield Grid: Type B (33% increase to 1000 Protection)
 Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System 5**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 10 Size worth of ships** 20

Standard Complement: 4 shuttlecraft, 2 shuttlepods
 Location(s): Saucer aft

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: The *Mediterranean*-class Frigate, one of the most popular smaller ships among Starfleet officers, was originally designed as

a general purpose vessel. It was expected to perform exploration, diplomatic, defense, and support missions, perhaps with some minor refitting or uprating to "specialize" it for specific longer-term duties. During this period of the class's lifespan it received many upratings to, among other things, improve the quality of its phasers.

In the early 2370s Starfleet decided to refit the entire *Mediterranean*-class to use it for orbital support and core system defense duties. As one of the cornerstones of Starfleet's new core defense strategy, many of its systems will be altered or improved as part of the Aegean Development Project. As of 2375, planned upgrades include adding ablative armor, atmospheric capability, and improved medical facilities (with an EMH); increasing the size of some of the ship's phaser arrays; replacing the dorsal saucer torpedo launchers with Aegean Weapons Modules which include pulse phaser cannons and torpedo launchers; and uprating the torpedo launchers for larger spreads. These changes will require a reduction in cargo carrying capacity and crew quarters complements.

From its appearance, it's easy to see that the *Mediterranean*-class ship is built to withstand a lot of punishment. Its short, thick nacelle pylons, which project from the Engineering hull nearly straight port and aft instead of being sharply angled, are much less vulnerable to attack than the pylons on most Starfleet vessels. The presence of an additional superstructure to hold the Engineering hull's impulse engines at the dorsal base of the pylons further strengthens them. The Engineering hull itself is shaped something like a spearhead, with the point towards the aft; as usual, its forward end includes the main deflector. Attached directly to the top of the Engineering section without a connecting interhull is the saucer, which has a broad arrowhead shape.

Noteworthy vessels/service records/encounters: *U.S.S. Mediterranean*, prototype; *U.S.S. Lalo*, NCC-43837, reported temporal distortions caused by Dr. Paul Manheim (2364), lost and presumed destroyed by the Borg near Zeta Alpha II (2366); *U.S.S. Aegean*, NCC-44454, tested for planned Aegean Development Project upratings (2372). Also in service: *U.S.S. Wyoming*, NCC-43730.

MERCED CLASS

Class and Type: *Merced-class* Light Escort

Commissioning Date: 2312

HULL SYSTEMS

Size: 5

Length: 187.33 meters

Beam: 68.43 meters

Height: 43.25 meters

Decks: 9

Mass: 399,000 metric tonnes

SUs Available: 1,175

SUs Used: 1,093

HULL

Outer 20

Inner 20

RESISTANCE

Outer Hull: 4 3

Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
[1 Power/10 Protection/round] 23

Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12

Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 53/67/1,200

CREW QUARTERS

Spartan: 20 1

Basic: 30 3

Expanded: 10 2

Luxury: 5 5

Unusual: 2 2

ENVIRONMENTAL SYSTEMS

Basic Life Support [9 Power/round] 20

Reserve Life Support [5 Power/round] 10

Emergency Life Support (30 emergency shelters) 10

Gravity [3 Power/round] 5

Consumables: 1 year's worth 5

Food Replicators [5 Power/round] 5

Industrial Replicators 8

Type: Network of small replicators [2 Power/round]

Type: 1 large unit [2 Power/replicator/round]

Medical Facilities: 4 (+1) [4 Power/round] 20

Recreation Facilities: 3 [6 Power/round] 24

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15

Fire Suppression System [1 Power/round when active] 5

Cargo Holds: 33,000 cubic meters 1

Locations: Saucer port, saucer starboard, Engineering pod

Escape Pods 7

Number: 120

Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E 75

Speed: 5.0/9.0/9.2 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25

Acceleration Uprating: Class Beta (75% acceleration)

[2 Power/round when active] 4

Location: Aft port and starboard of saucer

Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 5/H (generates 290 Power/round) 64

Location: Engineering pod

Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)

Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6

Emergency Power: Type B (generates 30 Power/round) 30

EPS: Standard Power flow, +150 Power transfer/round 40

Standard Usable Power: 300

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS

Core 1: Saucer [5 Power/round] 10

Core 2: Engineering [5 Power/round] 10

Uprating: Class Alpha (+1) [1 Power/computer/round] 4

ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 37

Range Package: Type 5 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)

Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Lateral Sensors [5 Power/round] 17

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Coverage: Standard

Navigational Sensors: [5 Power/round] 16

Strength Package: Class 7 (Strength 7)

Gain Package: Class Alpha (+1)

Probes: 30 3

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2

[1 Power/round in use] 11

ALLO
RYN
032501

Navigational Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 2	2
Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 6 [2 Power/round]	17
Strength: 6	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes No [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	

TRANSPORTERS

Type: Personnel [4 Power/use]	28
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: One in Saucer, one in Engineering pod	
Type: Emergency [5 Power/use]	26
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: One in Saucer, one in Engineering pod	
Type: Cargo [4 Power/use]	11
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: One in saucer	

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5

SCIENCE SYSTEMS

Rating 1 (+0) [1 Power/round]	10
Specialized Systems: None	
Laboratories: 5	2

TACTICAL SYSTEMS

Saucer Ventral Phaser Array 21

Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Pod Dorsal Phaser Array 18

Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering pod dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer forward
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering pod aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 40 4

TA/T/TS: Class Alpha [0 Power/round] 6

Strength: 7
 Bonus: +0

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 37 (x4)

Shield Generator: Class 2 (Protection 400)
 [40 Power/shield/round]
 Shield Grid: Type C (50% increase to 600 Protection)
 Subspace Field Distortion Amplifiers: Class Gamma (Threshold 130)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 5

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 2 Size worth of ships 4

Standard Complement: 2 Type 15 shuttlecraft
 Location(s): Saucer aft

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet Data: The *Merced*-class Light Escort was developed in the first decade of this century as part of Starfleet's response to the Tomed Incident. It was originally intended as a support vessel for a proposed "Strike Cruiser" code-named the *Freedom*-class. However, when the Romulans chose to isolate themselves rather than continue their historical pattern of aggression, the Freedom Development Project was scrapped (though the class designation would later be revived for a class of Frigates). Thus, the *Merced*, which started production in 2312, enjoys the curious distinction of having the shortest production lifespan of any vessel in Starfleet history (only four ships per year were built over a four-year period).

Despite their limited production life, *Merced* vessels proved highly functional, and remain in service today (albeit with many upgrades, and a projected continued lifespan of only another 25 years or so, at most). Designed primarily for fleet escort, troop transport, and interdiction duties, they tend to have short ranges and capacities (most missions last less than a year), making them a somewhat uncomfortable "trial by fire" for many brash young cadets. As of 2375, most are attached to starbases, Deep Space stations, and/or frontier fleets as support and defense ships, or escorts for newer cruisers and frigates.

The *Merced*-class has a saucer shaped like a broad arrowhead with a single phaser bank on the ventral side, much like the old *Constitution*-class vessel. Its Engineering section is contained in a "pod" attached to the ship by an odd-looking, vaguely triangular Engineering hull/connecting interhull.

Noteworthy vessels/service records/encounters: *U.S.S. Merced*, prototype; *U.S.S. Trieste*, NCC-37124, stationed near Starbase 74, former assignment of Cmdr. Data. Also in service: *U.S.S. Calypso*, *U.S.S. Oberon*.

MIRANDA CLASS

Class and Type: *Miranda-class* Cruiser

Commissioning Date: 2274

HULL SYSTEMS

Size: 5

Length: 277.76 meters
Beam: 173.98 meters
Height: 65.23 meters
Decks: 11
Mass: 655,000 metric tonnes
SUs Available: 1,600
SUs Used: 1,547

HULL

Outer 20
Inner 20

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
[1 Power/10 Protection/round] 26
Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 13
Backup: Class 4 (Protection 40)
[1 Power/10 Protection/round] 13

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 220/35/500

CREW QUARTERS

Spartan: None
Basic: 180 18
Expanded: 50 5
Luxury: 15 15
Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [8 Power/round] 20
Reserve Life Support [4 Power/round] 10
Emergency Life Support (30 emergency shelters) 10
Gravity [3 Power/round] 5
Consumables: 2 years' worth 10
Food Replicators [5 Power/round] 5
Industrial Replicators 8
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 6 (+1) [6 Power/round] 30
Recreation Facilities: 6 [12 Power/round] 48
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
Fire Suppression System [1 Power/round when active] 5
Cargo Holds: 66,000 cubic meters 2
Locations: Saucer port, saucer starboard, Engineering aft
Escape Pods 8
Number: 120
Capacity: 12 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5D 70
Speed: 5.0/8.8/9.2 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16
Upgrading: Package 4 (+0.4 for Sustainable);
Package 2 (+0.2 for Maximum) 12

IMPULSE ENGINE

Type: Class 4 (.6c/.8c) [6/8 Power/round] 20
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Engineering aft port and starboard
Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 390 Power/round) 84
Location: Engineering hull
Impulse Engine[s]: 1 Class 4 (generate 32 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +250 Power transfer/round 50

Standard Usable Power: 422

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS

Core 1: Saucer [5 Power/round] 10
Core 2: Engineering [5 Power/round] 10
Upgrading: Class Alpha (+1) [1 Power/computer/round] 4
ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 45
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 8 (Strength 8)
Gain Package: Class Alpha (+1)
Coverage: +2000 substances/phenomena
Lateral Sensors [5 Power/round] 25
Strength Package: Class 8 (Strength 8)
Gain Package: Class Alpha (+1)
Coverage: +2000 substances/phenomena
Navigational Sensors: [5 Power/round] 20
Strength Package: Class 8 (Strength 8)
Gain Package: Class Beta (+2)
Probes: 40 4

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3
 [1 Power/round in use] 12

Navigational Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 2 2

Inertial Damping Field
 Main 30
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 9
 Strength: 6 [2 Power/round]
 Number: 3

Attitude Control [1 Power/round] 1

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 22
 Strength: 8
 Security: -3
 Basic Upgrading: Class Beta (+2)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [4 Power/use] 64
 Pads: 4
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Three in hull, one in Engineering hull
 Type: Emergency [5 Power/use] 45
 Pads: 16
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering hull
 Type: Cargo [4 Power/use] 39
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Two in saucer, one in Engineering hull

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 5
 Internal Force Fields [1 Power/3 Strength] 5

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 15
 Specialized Systems: 1 5
 Laboratories: 19 4

TACTICAL SYSTEMS

Starboard Pulse Phaser Array 26
 Type: VII Pulse
 Damage: 190 [19 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Starboard
 Firing Arc: Forward
 Firing Modes: Standard, Wide Beam

Port Pulse Phaser Array 26
 Type: VII Pulse
 Damage: 190 [19 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Port
 Firing Arc: Forward
 Firing Modes: Standard, Wide Beam

Rollbar Forward Phaser Array 18
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Forward side of rollbar pod
 Firing Arc: 360 degrees forward
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 24
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Phaser Array 24
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Starboard Phaser Array 18
 Type: VII
 Damage: 140 [14 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal starboard
 Firing Arc: 360 degrees forward
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Port Phaser Array

Type: VII

Damage: 140 [14 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal port
 Firing Arc: 360 degrees forward
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Starboard Phaser Array

Type: VII

Damage: 140 [14 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal starboard
 Firing Arc: Forward, but are self-guided

Forward Dorsal Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal port
 Firing Arc: Forward, but are self-guided

Engineering Pod Aft Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9 4/5/7/10 5/6/8/11
 Power: [20 + 5 per torpedo fired]
 Location: Engineering pod aft starboard
 Firing Arc: Aft, but are self-guided

Engineering Pod Aft Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9 4/5/7/10 5/6/8/11
 Power: [20 + 5 per torpedo fired]
 Location: Engineering pod aft starboard
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 80**TA/T/TS: Class Beta [1 Power/round]**

Strength: 8
 Bonus: +1

Weapons Skill: 3

18

Shields (Forward, Aft, Port, Starboard)

Shield Generator: Class 3 (Protection 450)
 [45 Power/shield/round]
 Shield Grid: Type C (50% increase to 675 Protection)
 Subspace Field Distortion Amplifiers: Class Gamma (Threshold 150)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System4
5

18

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 15 Size worth of ships**

30

Standard Complement: 5 shuttlecraft, 5 shuttlepods
 Location(s): Engineering aft

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: The oldest vessel design still in active production by Starfleet, the *Miranda*-class Cruiser owes its longevity to two factors. The first is that it's quick and easy to produce. It consists primarily of a saucer section with a small Engineering section attached to it aft and two nacelles attached to Engineering by short, aft-angled ventral nacelles.

The second is its adaptability. While most *Miranda*-class vessels are tasked with scientific or exploratory duties (it was, in fact, the first ship launched as part of the Exploratory Vessel Initiative), the ship's design makes the swapping of systems or installation of uprating packages a simple matter.

Thanks to the ship's versatility, it sometimes seems as if no two *Miranda*-class Cruisers are alike! The basic model includes a large aft "rollbar" (sometimes with a central pod) across the top of the ship, but some versions lack this, or incorporate other changes. One version of the ship is so different that it's sometimes referred to as a separate class (the *Soyuz*-class Cruiser; withdrawn from production in 2288). In game terms, the Starship Template above represents an "average" *Miranda*-class vessel. Some of the possible variations include:

—Variant 1: Remove pulse phasers. Examples: *U.S.S. Miranda*, prototype; *U.S.S. Brattain*, NCC-21166, crew kills itself due to REM sleep deprivation resulting from attempts at communication by alien species caught in a Tyken's Rift (2367); *U.S.S. Reliant*, NCC-1864, hijacked by Khan Noonian Singh and later destroyed by detonation of the Genesis Device (2285); *U.S.S. Tian An Men*, NCC-21382, participated in Romulan blockade (2368);

—Variant 2: Remove rollbar and attached systems. Examples: *U.S.S. Saratoga*, NCC-31911, destroyed at the Battle of Wolf 359 (2367);

U.S.S. Vigilant, NCC-33984, lost during long range survey mission in Perseus Arm (2348);

—Variant 3: Remove rollbar, attached systems, and pulse phasers. Examples: *U.S.S. Lantree*, NCC-1837, used primarily as a supply ship, destroyed by *U.S.S. Enterprise-D* after entire crew killed by the immune systems of a group of genetically engineered children on Gagarin IV (2365);

—Variant 4: *Soyuz*-class conversion: Replace rollbar with *Soyuz*-class aft sensor package (includes all rollbar systems, but increases all sensors to Class 9 and the gain of long-range and lateral sensors to +2 [+12 SUs], increase shuttlebay to accommodate up to 20 SUs of craft [+10 SUs], increase size of bridge module). Examples: *U.S.S. Bozeman*, NCC-1941, caught in temporal causality loop near the Typhon Expanse in 2278, emerged in 2368 and re-entered service, participated in defense of Earth against Borg attack (2373).

Noteworthy vessels/service records/encounters: See above. Also in service: *U.S.S. Andover*, *U.S.S. Brisbane*, *U.S.S. Mondial*.

NEBULA CLASS

Class and Type: *Nebula*-class Exploratory Cruiser
Commissioning Date: 2357

HULL SYSTEMS

Size: 7
 Length: 442.3 meters
 Beam: 318.11 meters
 Height: 130.43 meters
 Decks: 28
 Mass: 3,309,000 metric tonnes
 SUs Available: 2,500
 SUs Used: 2,406

HULL
 Outer 28
 Inner 28

RESISTANCE
 Outer Hull: 8 9
 Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD
 Main: Class 6 (Protection 90/130) [1 Power/10 Protection/round] 34
 Backup: Class 6 (Protection 50) [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 50) [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 750/130/9,800

CREW QUARTERS
 Spartan: None
 Basic: 70
 Expanded: 200
 Luxury: 50
 Unusual: 20

ENVIRONMENTAL SYSTEMS
 Basic Life Support [12 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 3 years' worth 21
 Food Replicators [7 Power/round] 7
 Industrial Replicators 16
 Type: Network of small replicators [2 Power/round]
 Type: 3 large units [2 Power/replicator/round]
 Medical Facilities: 9 (+2) [9 Power/round] 45
 Recreation Facilities: 8 [16 Power/round] 64
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 200,000 cubic meters 6
 Locations: Saucer port, saucer starboard, Engineering, 10 other locations
 Escape Pods 9
 Number: 160
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 6D9 108
 Speed: 6.0/9.2/9.90 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE
 Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
 Location: Saucer aft port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE
 Type: Class 11/Q (generates 595 Power/round) 125
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 7 (generate 56 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type F (generates 50 Power/round) 50
 EPS: Standard Power flow, +300 Power transfer/round 65
Standard Usable Power: 651

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS
 Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Core 3: Engineering [5 Power/round] 14
 Uprating: Class Beta (+2) [2 Power/computer/round] 12
 ODN 21

Navigational Deflector [5 Power/round] 28
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS 63
 Long-range Sensors [5 Power/round] 63
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: +3,000 substances/phenomena
 Lateral Sensors [5 Power/round] 35
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Coverage: +3,000 substances/phenomena
 Navigational Sensors: [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 100 10

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigation Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	20
Strength: 9 [2 Power/round]	
Number: 5	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	24
Strength: 9	
Security: -5	
Basic Upgrading: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	68
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Emergency [7 Power/use]	68
Pads: 22	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	52
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer, one in Engineering hull	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7
SCIENCE SYSTEMS	
Rating 3 (+2) [3 Power/round]	22
Specialized Systems: 3	15
Laboratories: 25	6

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	48
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 405 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Ventral Phaser Array	23
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Phaser Array	19
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Pylon Phaser Array	19
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard pylon	
Firing Arc: 360 degrees starboard (substantial arc shadow)	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Pylon Phaser Array	19
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port pylon	
Firing Arc: 360 degrees port (substantial arc shadow)	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Engineering Aft Phaser Array

Type: X
Damage: 200 [20 Power]
Number of Emitters: 60 (up to 1 shot per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering aft
Firing Arc: 360 degrees aft
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Pod Aft Phaser Array

Type: X
Damage: 200 [20 Power]
Number of Emitters: 40 (up to 1 shot per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Sensor Pod aft
Firing Arc: 360 degrees aft
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Pod Forward Phaser Array

Type: X
Damage: 200 [20 Power]
Number of Emitters: 40 (up to 1 shot per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Sensor pod forward
Firing Arc: 360 degrees forward (substantial arc shadow)
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Saucer ventral
Firing Arc: Forward, but are self-guided

Forward Dorsal Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Saucer dorsal
Firing Arc: Forward, but are self-guided

Aft Dorsal Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Engineering aft
Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200

TA/T/TS: Class Gamma [2 Power/round]

Strength: 9
Bonus: +2

Weapons Skill: 5

19

Shields (Forward, Aft, Port, Starboard)

Shield Generator: Class 5 (Protection 1000)
[100 Power/shield/round]
Shield Grid: Type C (50% increase to 1500 Protection)
Subspace Field Distortion Amplifiers: Class Eta (Threshold 330)
Recharging System: Class 1 (45 seconds)
Backup Shield Generators: 4 (1 per shield)

85 (x4)

Auto-Destruct System

8
7

15

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 30 Size worth of ships

Standard Complement: 12 shuttlecraft, 6 shuttlepods
Location(s): Saucer aft

60

Captain's Yacht: Yes

10

DESCRIPTION AND NOTES

Fleet data: The *Nebula*-class Exploratory Cruiser is a close "relative" of the *Galaxy*-class Explorer, as can be seen from even a quick visual examination of the two ships. The *Nebula's* saucer section, nacelles, and main deflector (among other systems), are all identical or strongly similar to those of the *Galaxy*-class, though some (such as the saucer) are smaller in size.

One significant physical difference between the two ships is the *Nebula's* aft dorsal sensor pod. This pod expands its sensory capabilities, allowing it to routinely scan for substances and effects which even a *Galaxy*-class ship cannot easily detect. The pod can be configured for other uses as well; for example, a Tactical Pod might include two phaser arrays (or pulse phaser cannons) and two torpedo launchers. (This Template assumes the module is used for sensor systems.)

Thanks to its combination of advanced tactical and scientific systems, the *Nebula*-class has proven to be one of Starfleet's most successful starship designs. As of 2375, it is the most common modern-design large ship in the fleet.

(Note: This template represents an updated version of the *Nebula*-class vessel. For the standard version, reduce its warp nacelles to Type 6D, and substitute the lower range figures for its photon torpedoes.)

Noteworthy vessels/service records/

encounters: *U.S.S. Nebula*, prototype; *U.S.S. Monitor*, NCC-61826, sent to observe suspected Romulan incursion on Nelvana III (2366); *U.S.S. Phoenix*, NCC-65420, attacked Cardassian ships under command of Captain Maxwell (2367); *U.S.S. Sutherland*, NCC-72015, participated in blockade of Duras faction during Klingon civil war under command

20

12



042 SA IN
89 IN 20
M16 TS 00

of Commander Data (2367-2368); *U.S.S. Bellerephon*, NCC-62048, destroyed in the Battle of Wolf 359 (2367); *U.S.S. Endeavor*, NCC-71805, served in blockade of Duras faction during Klingon civil war, survived the Battle of Wolf 359 with heavy damage (2367-68), *U.S.S. Farragut*, NCC-60591, destroyed by the Klingons near the Lembatta Cluster (2373). Also in service: *U.S.S. Hera*, NCC-62006, *U.S.S. Merrimack*, NCC-61827.

NEW ORLEANS CLASS

Class and Type: *New Orleans*-class Frigate

Commissioning Date: 2358

HULL SYSTEMS

Size: 6

Length: 360.74 meters
 Beam: 258.66 meters
 Height: 83.33 meters
 Decks: 20
 Mass: 1,650,000 metric tonnes
 SUs Available: 2,150
 SUs Used: 2,072

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110) [1 Power/10 Protection/round] 27
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 758/110/8,350

CREW QUARTERS

Spartan: None
 Basic: 680 68
 Expanded: 150 30
 Luxury: 40 40
 Unusual: 15 15

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 24
 Reserve Life Support [6 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 2 years' worth 12
 Food Replicators [6 Power/round] 6
 Industrial Replicators 12
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 7 [14 Power/round] 56
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 100,000 cubic meters 3
 Locations: Saucer port, saucer starboard, Engineering aft, 4 other locations
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5E3 76
 Speed: 5.0/9.0/9.3 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Alpha (66% acceleration) [1 Power/round when active] 2
 Location: Saucer port, saucer starboard

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Alpha (66% acceleration) [1 Power/round when active] 2
 Location: Engineering
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 10/P (generates 535 Power/round) 114
 Location: Engineering hull
 Impulse Engine[s]: 2 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 631

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer port [5 Power/round] 12
 Core 2: Saucer starboard [5 Power/round] 12
 Core 3: Engineering [5 Power/round] 12
 Uprating: Class Alpha (+1) [1 Power/computer/round] 6
 ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 39
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/-6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 19
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 18
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Probes: 40 4

Sensors Skill: 4**FLIGHT CONTROL SYSTEMS**

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use]	12
Navigation Computer	
Main: Class 3 (+2) [2 Power/round]	4
Backups: 2	2
Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	9
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	22
Strength: 8	
Security: -3	
Basic Upgrading: Class Beta (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: forward dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	64
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, two in Engineering hull	
Type: Emergency [7 Power/use]	64
Pads: 22	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, two in Engineering hull	
Type: Cargo [4 Power/use]	48
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, two in Engineering hull	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	16
Specialized Systems: 2	10
Laboratories: 15	4

TACTICAL SYSTEMS**Saucer Dorsal Phaser Array**

44

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 200 (up to 5 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer dorsal
Firing Arc: 405 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array

44

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 200 (up to 5 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer ventral
Firing Arc: 405 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Dorsal Phaser Array

21

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer aft dorsal
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Ventral Phaser Array

21

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering forward ventral
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Amidships Starboard Ventral Phaser Array

12

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 40 (up to 1 shot per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering amidships ventral starboard
Firing Arc: 180 degrees starboard ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Amidships Port Ventral Phaser Array

12

Type: IX
Damage: 180 [18 Power]
Number of Emitters: 40 (up to 1 shot per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering amidships ventral port
Firing Arc: 180 degrees port ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Starboard Torpedo Launcher

Standard Load: Type VI photon torpedo (200 Damage)
 Spread: 12
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Starboard dorsal
 Firing Arc: Forward, but are self-guided

Forward Dorsal Port Torpedo Launcher

Standard Load: Type VI photon torpedo (200/500 Damage)
 Spread: 12
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Port dorsal
 Firing Arc: Forward, but are self-guided

Forward Ventral Torpedo Launcher

Standard Load: Type VI photon torpedo (200/500 Damage)
 Spread: 12
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 3/4/6/9
 Power: [20 + 5 per torpedo fired]
 Location: Ventral, beneath Engineering hull
 Firing Arc: Forward, but are self-guided

Aft Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull aft starboard
 Firing Arc: Aft, but are self-guided

Aft Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Engineering hull aft port
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 260

TA/T/TS: Class Beta [1 Power/round]

Strength: 8
 Bonus: +1

Weapons Skill: 4

27

Shields (Forward, Aft, Port, Starboard)

72 (x4)

Shield Generator: Class 5 (Protection 950) [95 Power/round]
 Shield Grid: Type C (50% increase to 1425 Protection)
 Subspace Field Distortion Amplifiers: Class Eta (Threshold 310)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

8

Auto-Destruct System

6

27

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 20 Size worth of ships

40

Standard Complement: 8 shuttlecraft, 4 shuttlepods
 Location(s): Saucer aft port and starboard

Captain's Yacht: Yes

10

27

DESCRIPTION AND NOTES

Fleet data: Designed during a period of tension with the Cardassian Union, the *New Orleans*-class Frigate is a vessel designed primarily for military uses—capital ship support, caravan escort, and even outright combat. Armed with six phaser arrays and five torpedo launchers (including three high-capacity, high-yield “torpedo cannons” mounted above the saucer and below the Engineering hull, capable of firing Type VI torpedoes at full effect), and equipped with strong shields, it’s a tough, maneuverable combatant which has scored more than its share of kills during the Cardassian and Dominion conflicts.

16

The *New Orleans*-class’s design derives in large part from that of the *Galaxy*-class Explorer. The two share very similar saucers, warp nacelles, and Engineering hulls (though Engineering is longer on the *New Orleans*-class, and the connecting interhull section is much shorter). Although it has no saucer separation feature, the ship has a second impulse engine to generate Power and act as a backup.

16

In light of the *New Orleans*-class’s performance in the Dominion War, some officer in Starfleet Command have recommended that the ship receive a package of tactical upgrades and become a key component in the Federation’s post-War defense strategy. Proposed upgrades include ablative armor, converting the phasers to Type X emitters, and possibly even regenerative shielding (the latter would probably necessitate installing a slightly larger warp engine for additional Power).

26

9

Noteworthy vessels/service records/encounters: *U.S.S. New Orleans*, prototype; *U.S.S. Kyushu*, NCC-65491, destroyed during the Battle of Wolf 359 (2368); *U.S.S. Renegade*, NCC-63102, commanded by Captain Tryla Scott,

rendezvoused with *U.S.S. Enterprise-D* during attempted alien takeover of Starfleet Command (2364); *U.S.S. Thomas Paine*, NCC-65530, commanded by Captain Rixx, rendezvoused with *U.S.S. Enterprise-D* during attempted alien takeover of Starfleet Command (2364); *U.S.S. Santa Fe*, NCC-64287, assigned to interdiction duty in Deneb Sector, destroyed by Jem'Hadar attack (2367-2374), *U.S.S. Rutledge*, NCC-57295, served in Cardassian war, early posting of Miles O'Brien. Also in service: *U.S.S. Herbert*, *U.S.S. Jefferson*, *U.S.S. Savannah*.

NIAGARA CLASS

Class and Type: *Niagara*-class Fast Cruiser

Commissioning Date: 2349

HULL SYSTEMS

Size: 7

Length: 450.5 meters
Beam: 264.79 meters
Height: 156.44 meters
Decks: 33
Mass: 2,350,000 metric tonnes
SUs Available: 2,050
SUs Used: 1,939

HULL

Outer 28
Inner 28

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
[1 Power/10 Protection/round] 31
Backup: Class 5 (Protection 40)
[1 Power/10 Protection/round] 16
Backup: Class 5 (Protection 40)
[1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 585/120/7,350

CREW QUARTERS

Spartan: None
Basic: 530 53
Expanded: 95 19
Luxury: 50 50
Unusual: 25 25

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
Reserve Life Support [6 Power/round] 14
Emergency Life Support (36 emergency shelters) 14
Gravity [4 Power/round] 7
Consumables: 2 years' worth 14
Food Replicators [7 Power/round] 7
Industrial Replicators 13
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round]
Medical Facilities: 8 (+2) [8 Power/round] 40
Recreation Facilities: 7 [14 Power/round] 56
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
Fire Suppression System [1 Power/round when active] 7
Cargo Holds: 166,000 cubic meters 5
Locations: Saucer port, saucer starboard, Engineering, 6 other locations
Escape Pods 9
Number: 140
Capacity: 10 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C6 103
Speed: 6.0/9.0/9.6 [1 Power/.2 warp speed]
PIS: Type I (16 hours of Maximum warp) 18

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40
Acceleration Uprating: Class Beta (75% acceleration)
[2 Power/round when active] 4
Location: Saucer aft port and starboard

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40
Acceleration Uprating: Class Beta (75% acceleration)
[2 Power/round when active] 4
Location: Engineering aft
Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 6/K (generates 345 Power/round) 75
Location: Engineering hull
Impulse Engine[s]: 2 Class 8 (generate 64 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type D (generates 40 Power/round) 40
EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 473

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS

Core 1: Saucer starboard [5 Power/round] 14
Core 2: Saucer port [5 Power/round] 14
Core 3: Engineering [5 Power/round] 14
Uprating: Class Alpha (+1) [1 Power/computer/round] 6
ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: Standard
Lateral Sensors [5 Power/round] 24
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: Standard
Navigational Sensors: [5 Power/round] 22
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Probes: 60 6

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer 4
 Main: Class 3 (+2) [2 Power/round] 2
 Backups: 2 56
 Inertial Damping Field 16
 Main 2
 Strength: 9 [3 Power/round] 4
 Number: 4 2
 Backup 19
 Strength: 6 [2 Power/round] 1
 Number: 4 2
 Attitude Control [2 Power/round] 19

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 19
 Strength: 8 1
 Security: -3 1
 Basic Upgrading: Class Alpha (+1) 1
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10 9
 Location: Forward ventral 9
 Emitter: Class Gamma [3 Power/Strength used/round] 9
 Accuracy: 4/5/7/10 3
 Location: Aft dorsal 3
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11 3
 Location: Shuttlebay 3

TRANSPORTERS

Type: Personnel [5 Power/use] 68
 Pads: 6 68
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range) 68
 Energizing/Transition Coils: Class H (Strength 8) 68
 Number and Location: Two in saucer, two in Engineering hull 68
 Type: Emergency [5 Power/use] 64
 Pads: 20 64
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range) 64
 Energizing/Transition Coils: Class H (Strength 8) 64
 Number and Location: Two in saucer, two in Engineering hull 64
 Type: Cargo [4 Power/use] 36
 Pads: 400 kg 36
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range) 36
 Energizing/Transition Coils: Class H (Strength 8) 36
 Number and Location: One in saucer, one in Engineering hull 36

Cloaking Device: None

SECURITY SYSTEMS

Rating: 3 12
 Anti-Intruder System: Yes [1 Power/round] 7
 Internal Force Fields [1 Power/3 Strength] 7

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 17
 Specialized Systems: 1 5
 Laboratories: 10 2

TACTICAL SYSTEMS

Saucer Dorsal Forward Phaser Array 21

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal forward
 Firing Arc: 200 degrees forward dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Starboard Phaser Array 14

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft starboard
 Firing Arc: 200 degrees dorsal starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Port Phaser Array 14

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft port
 Firing Arc: 200 degrees dorsal port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Forward Phaser Array 21

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral forward
 Firing Arc: 200 degrees forward ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Aft Starboard Phaser Array 14

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral aft starboard
 Firing Arc: 200 degrees ventral starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Aft Port Phaser Array 14

Type: IX
 Damage: 180 [18 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral aft port
 Firing Arc: 200 degrees ventral port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Dorsal Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward dorsal
 Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 15

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 100 10**TA/T/TS: Class Alpha [0 Power/round]** 6

Strength: 7
 Bonus: +0

Weapons Skill: 3**Shields (Forward, Aft, Port, Starboard)** 59 (x4)

Shield Generator: Class 4 (Protection 700)
 [70 Power/shield/round]
 Shield Grid: Type C (50% increase to 1050 Protection)
 Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 225)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 7**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 15 Size worth of ships** 30

Standard Complement: 6 shuttlecraft, 3 shuttlepods
 Location(s): Aft

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: Taking advantage of knowledge and experience gained from creating the *Istanbul*-class Fast Cruiser and the early work on the *Galaxy*-class Explorer, the Advanced Starship Design Bureau decided to create another Fast Cruiser to complement the *Istanbul*. They kept its unusual three-nacelle configuration, but reversed it. Two nacelles are above the saucer and aft, and one is directly ventral the Engineering hull (which was adapted from the *Ambassador*-class Explorer and allows the ship to carry more cargo than most Fast Cruisers, as well as a second impulse engine for extra power or emergency use). They christened their new creation the *Niagara*-class Fast Cruiser.

Compared to the *Istanbul*-class, the *Niagara*-class is faster, but much less well-armed. It has only six small phaser arrays, all located on the saucer; due to their size and placement no

single one of them covers the full 405-degree angle common to saucer phasers, but together they provide complete coverage of both sides of the vessel, with some overlap.

Niagara-class Fast Cruisers are common sights at diplomatic conferences, trade agreements negotiations, and similar events. Their speed, relatively luxurious accommodations, and light armament makes them the favorite of many diplomats.

Noteworthy vessels/service records/encounters: *U.S.S. Niagara*, prototype; *U.S.S. Princeton*, NCC-58904, destroyed in the Battle of Wolf 359 (2368); *U.S.S. Wellington*, NCC-28473, former posting of Ro Laren; *U.S.S. Wells*, NCC-39217, currently assigned to diplomatic duties in Sector 001; *U.S.S. Thims*, NCC-59015, served as primary diplomatic transport during Cardassian peace talks (2366-2368), *U.S.S. Raleigh*, NCC-51378, served as location of negotiations which established the Rigellian Trade Accords (2359). Also in service: *U.S.S. Fairfax*, NCC-39643; *U.S.S. Joshua Tree*, NCC-56676; *U.S.S. T'Pavis*, NCC-60023.

NORWAY CLASS

Class and Type: Norway-class Fast Frigate

Commissioning Date: 2369

HULL SYSTEMS

Size: 6

Length: 364.77 meters

Beam: 225.61 meters

Height: 52.48 meters

Decks: 10

Mass: 622,000 metric tonnes

SUs Available: 2,150

SUs Used: 2,050

HULL

Outer 24

Inner 24

RESISTANCE

Outer Hull: 6

Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)
[1 Power/10 Protection/round] 33

Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17

Backup: Class 6 (Protection 50)
[1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 190/80/500

CREW QUARTERS

Spartan: None

Basic: 170

Expanded: 50

Luxury: 20

Unusual: 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [8 Power/round] 24

Reserve Life Support [4 Power/round] 12

Emergency Life Support (36 emergency shelters) 12

Gravity [3 Power/round] 6

Consumables: 2 years' worth 12

Food Replicators [6 Power/round] 6

Industrial Replicators 15

Type: Network of small replicators [2 Power/round]

Type: 3 large units [2 Power/replicator/round]

Medical Facilities: 9 (+2) [9 Power/round] 45

EMH: Mark I [2 Power/round when active] 5

Recreation Facilities: 6 [12 Power/round] 48

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18

Fire Suppression System [1 Power/round when active] 6

Cargo Holds: 100,000 cubic meters 3

Locations: Saucer aft port and starboard, 4 other locations

Escape Pods 8

Number: 140

Capacity: 6 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D7 106

Speed: 6.0/9.2/9.7 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Acceleration Uprating: Class Alpha (66% acceleration)

[1 Power/round when active] 2

Location: Saucer aft port and starboard

Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 11/Q (generates 575 Power/round) 123

Location: Saucer aft amidships

Impulse Engine[s]: 1 Class 8 (generate 64 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type D (generates 40 Power/round) 40

EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 639

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

Auxiliary Control Room: Battle bridge, saucer aft 18

COMPUTERS (BIO-NEURAL)

Core 1: Saucer port [5 Power/round] 18

Core 2: Saucer starboard [5 Power/round] 18

Uprating: Class Beta (+2) [2 Power/computer/round] 8

ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Saucer dorsal

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52

Range Package: Type 7 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)

Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 24

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 22

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Probes: 120 12

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 4

[1 Power/round in use] 16

ALLO
RYN
032501

Navigational Computer	4
Main: Class 3 (+2) [2 Power/round]	4
Primary Backup: Class 3 (+2) [2 Power/round]	4
Secondary Backups: 2	2
Inertial Damping Field	56
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
Specialized Flight Control: Manual steering column	
[1 Power/round in use]	1
COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	24
Strength: 9	
Security: -4	
Basic Uprating: Class Beta (+2)	
Emergency Communications: Yes [2 Power/round]	1
Holocommunications: Yes	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [4 Power/use]	68
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Four in saucer	
Type: Emergency [6 Power/use]	68
Pads: 20	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Four in saucer	
Type: Cargo [4 Power/use]	56
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: Four in saucer	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6
SCIENCE SYSTEMS	
Rating 3 (+2) [3 Power/round]	21
Specialized Systems: 2	10
Laboratories: 17	4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	41
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 180 (up to 4 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	40
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 180 (up to 4 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Pylon Dorsal Phaser Array	26
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port pylon dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Pylon Ventral Phaser Array	26
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port pylon ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Pylon Dorsal Phaser Array	26
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port pylon dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Pylon Ventral Phaser Array	26
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Port pylon ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Forward	
Firing Arc: Forward, but are self-guided	
Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 120	12
TA/T/TS: Class Gamma [2 Power/round]	12
Strength: 9	
Bonus: +2	
Weapons Skill: 4	
Shields (Forward, Aft, Port, Starboard)	73 (x4)
Shield Generator: Class 5 (Protection 1000)	
[100 Power/shield/round]	
Shield Grid: Type C (50% increase to 1500 Protection)	
Subspace Field Distortion Amplifiers: Class Zeta (Threshold 300)	
Recharging System: Class 2 (40 seconds)	
Backup Shield Generators: 4 (1 per shield)	8
Auto-Destruct System	6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 10 Size worth of ships	20
Standard Complement: 4 shuttlecraft, 2 shuttlepods	
Location(s): Saucer aft	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: The third of the Perimeter Defense Directive ships to launch, the *Norway*-class Fast Frigate represents the epitome of Starfleet's current automation technology. Unlike most ships of its size, which have 400-600 crewpersons, it has less than 200 due to the extensive use of automation and advanced systems on the ship. Among other things, it boasts a bio-neural computer network, advanced tactical and sensory systems, an EMH, and a holocommunications system. Its technological sophistication also shows in its use of redundant backup systems; for example, it has a fully functional auxiliary control room and a primary backup navigational computer as good as its standard models.

Due to its powerful warp drive and impulse systems, the *Norway*-class is a fast, highly maneuverable ship well suited to its usual perimeter defense and patrol and threat response duties.

The *Norway*'s deceptively simply design—a blunt arrowhead-shaped saucer with two fin-shaped nacelle pylons projecting from its aft side—hides a potent offensive punch in the form of six Type X phaser arrays. However, compared to the *Akira*-class and *Steamrunner*-class ships, it is woefully underpowered in the torpedo department. Starfleet Command is considering uprating the class to add ablative armor, pulse phaser cannons, and more torpedo launchers (since only two dozen ships of the class have been produced so far, all of which survived the Dominion War, uprating the entire class would not prove difficult or costly).

Noteworthy vessels/service records/encounters: *U.S.S. Norway*, prototype; *U.S.S. Budapest*, NCC-64923, defended Earth against Borg attack (2373); *U.S.S. Prague*, NCC-65001, assigned to perimeter action duties in Sector 001 (2374-present); *U.S.S. Denmark*, NCC-65013, currently assigned to deep frontier patrol (2375), *U.S.S. Luxembourg*, NCC-65054, destroyed in the Battle of Tyra (2374). Also in service: *U.S.S. Belgium*, NCC-65073, *U.S.S. Arian*, NCC-65110, *U.S.S. Triumph*, NCC-65129.

NOVA CLASS

Class and Type: *Nova*-class Research/Laboratory Vessel

Commissioning Date: 2370

HULL SYSTEMS

Size: 5

Length: 160.64 meters
Beam: 42.78 meters
Height: 34.55 meters
Decks: 8
Mass: 210,000 metric tonnes
SUs Available: 1,525
SUs Used: 1,440

HULL

Outer 20
Inner 20

RESISTANCE

Outer Hull: 6
Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
[1 Power/10 Protection/round] 23
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12
Backup: Class 3 (Protection 30)
[1 Power/10 Protection/round] 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 78/25/610

CREW QUARTERS

Spartan: None
Basic: 65 7
Expanded: 15 3
Luxury: 4 4
Unusual: 8 8

ENVIRONMENTAL SYSTEMS

Basic Life Support [6 Power/round] 20
Reserve Life Support [3 Power/round] 10
Emergency Life Support (24 emergency shelters) 10
Gravity [2 Power/round] 5
Consumables: 2 years' worth 10
Food Replicators [5 Power/round] 5
Industrial Replicators 8
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 8 (+2) [8 Power/round] 40
EMH: Mark I [2 Power/round when active] 5
Recreation Facilities: 4 [8 Power/round] 32
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
Fire Suppression System [1 Power/round when active] 5
Cargo Holds: 66,000 cubic meters 2
Locations: Saucer port, saucer starboard, Engineering, 2 other locations
Escape Pods 6
Number: 120
Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6 80
Speed: 6.0/7.0/8.0 [1 Power/.2 warp speed]
PIS: Type I (18 hours of Maximum warp) 18

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Saucer aft, port and starboard
Reaction Control System (.025c) [2 Power/round when in use] 4

POWER SYSTEMS

WARP ENGINE

Type: Class 5/H (generates 280 Power/round) 63
Location: Engineering section
Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
Emergency Power: Type C (generates 35 Power/round) 35
EPS: Standard Power flow, +100 Power transfer/round 35

Standard Usable Power: 328

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS

Core 1: Saucer [5 Power/round] 10
Core 2: Engineering [5 Power/round] 10
ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 64
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: +4000 substances/phenomena
Lateral Sensors [5 Power/round] 36
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Coverage: +4000 substances/phenomena
Navigational Sensors: [5 Power/round] 22
Strength Package: Class 9 (Strength 9)
Gain Package: Class Beta (+2)
Probes: 200 20

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
[1 Power/round in use] 11

Navigation Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 2 2
Inertial Damping Field
 Main 30
 Strength: 8 [3 Power/round]
 Number: 3
 Backup 9
 Strength: 5 [2 Power/round]
 Number: 3
 Attitude Control [1 Power/round] 1

COMMUNICATIONS SYSTEMS
 Type: Class 8 [2 Power/round] 19
 Strength: 8
 Security: -3
 Basic Upgrading: Class Alpha (+1)
 Holocommunications: Yes 1

TRACTOR BEAMS
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS
 Type: Personnel [4 Power/use] 48
 Pads: 4
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: 2 in saucer, 1 in Engineering
 Type: Emergency [5 Power/use] 43
 Pads: 14
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: 2 in saucer, 1 in Engineering
 Type: Cargo [4 Power/use] 26
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: 2 in saucer

Cloaking Device: None

SECURITY SYSTEMS
 Rating: 2 8
 Anti-Intruder System: Yes [1 Power/round] 5
 Internal Force Fields [1 Power/3 Strength] 5

SCIENCE SYSTEMS
 Rating 4 (+3) [5 Power/round] 25
 Specialized Systems: 3 15
 Laboratories: 26 6

TACTICAL SYSTEMS

Saucer Dorsal Starboard Phaser Array 26
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal starboard
 Firing Arc: 200 degrees starboard dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Port Phaser Array 26
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal port
 Firing Arc: 200 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Dorsal Starboard Phaser Array 12
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer aft dorsal starboard
 Firing Arc: 200 degrees starboard dorsal (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Dorsal Port Phaser Array 12
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer aft dorsal port
 Firing Arc: 200 degrees dorsal (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Starboard Phaser Array 26
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral starboard
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Port Phaser Array 26
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral port
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Ventral Starboard Phaser Array 12

Type: VIII

Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal starboard
 Firing Arc: 200 degrees starboard dorsal (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Aft Ventral Port Phaser Array 12

Type: VIII

Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal port
 Firing Arc: 200 degrees dorsal (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array 12

Type: VIII

Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Starboard Phaser Array 12

Type: VIII

Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering dorsal starboard
 Firing Arc: 200 degrees dorsal starboard (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Port Phaser Array 12

Type: VIII

Damage: 160 [16 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering dorsal port
 Firing Arc: 200 degrees dorsal port (substantial arc shadow)
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher 14

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 4
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Torpedoes Carried: 30 3**TA/T/TS: Class Alpha [0 Power/round]** 6

Strength: 7
 Bonus: +0

Weapons Skill: 3**Shields (Forward, Aft, Port, Starboard)** 35 (x4)

Shield Generator: Class 2 (Protection 500)
 [50 Power/shield/round]
 Shield Grid: Type B (33% increase to 665 Protection)
 Subspace Field Distortion Amplifiers: Class Gamma (Threshold 150)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 5**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 4 Size worth of ships** 8

Standard Complement: 1 shuttlecraft, 2 shuttlepods
 Location(s): Aft

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: The *Nova*-class Research/Laboratory ship has an intriguing design history. Originally planned as a supplement to, or extension of, the *Galaxy*-class Explorer line, Starfleet envisioned it as a more dedicated exploration and research vessel, with fewer of the military capabilities of the *Galaxy*, but more advanced sensors and scientific systems. However, following the conclusion of the Federation-Cardassian War, Starfleet Command decided to scrap the existing Nova Class Design Project in favor of an as-yet undetermined smaller design.

At about this same time, designers working on the Defiant Development Project were reaching a turning point in their work. The ASDB rejected several of their initial, more traditional, proposed designs on the grounds they were not appropriate for the heavy escort role envisioned for the *Defiant*-class ship. Starfleet wanted something more compact and streamlined. Fortunately, members of the Nova Project chanced across some of the shelved Defiant designs and realized that one of them, a small vessel with an arrowhead-shaped saucer section and two dorsal nacelle pylons, was perfect for their own needs. They took that design, refined and revised it slightly, and soon got Starfleet Command to accept it as the *Nova*-class ship.

The *Nova* is a planetary and scientific survey vessel designed primarily for short-range missions. Equipped with Starfleet's most advanced scientific systems, including dedicated biological and astronomical laboratories, it can perform virtually any sort of scientific experiment or procedure known to the Federation. It's particularly useful for planetary and cosmic surveys within Federation space and as an onsite specialist craft for Starfleet-directed research. However, it has limited propulsion, weapons, and crew support systems, making it unsuitable for long-term

missions away from starbases or larger support craft.

Noteworthy vessels/service records/encounters: *U.S.S. Nova*, prototype; *U.S.S. Equinox*, NCC-72381, lost under the command of Captain Rudolph Ransom while surveying a comet-washed asteroid belt in the Burke Expanse, later discovered to have been kidnapped by the Caretaker and abandoned in the Delta Quadrant (2371), encountered the *U.S.S. Voyager* and was destroyed (2376); *U.S.S. Helix*, NCC-71954, conducted biological survey of the Idran System and several other Gamma Quadrant systems (2372). Also in service: *U.S.S. VanDenBroeck*, NCC-69178; *U.S.S. K'shal*, NCC-73105, *U.S.S. Aurora*, NCC-74692, *U.S.S. Binary*, NCC-74695, *U.S.S. Nadir*, NCC-74803, *U.S.S. Pulsar*, NCC-74829, *U.S.S. Solstice*, NCC-74854.

OBERTH CLASS

Class and Type: *Oberth-class* Surveyor
Commissioning Date: 2275

HULL SYSTEMS

Size: 4
 Length: 120.25 meters
 Beam: 55.73 meters
 Height: 25.3 meters
 Decks: 4
 Mass: 147,800 metric tonnes
 SUs Available: 1,075
 SUs Used: 1,013

HULL
 Outer 16
 Inner 16

RESISTANCE
 Outer Hull: 4 3
 Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD
 Main: Class 3 (Protection 60/90) [1 Power/10 Protection/round] 19
 Backup: Class 3 (Protection 30) [1 Power/10 Protection/round] 10
 Backup: Class 3 (Protection 30) [1 Power/10 Protection/round] 10

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 80/34/625

CREW QUARTERS
 Spartan: None
 Basic: 65 7
 Expanded: 25 5
 Luxury: 10 10
 Unusual: 3 3

ENVIRONMENTAL SYSTEMS
 Basic Life Support [8 Power/round] 16
 Reserve Life Support [4 Power/round] 8
 Emergency Life Support (24 emergency shelters) 8
 Gravity [2 Power/round] 4
 Consumables: 2 years' worth 8
 Food Replicators [4 Power/round] 4
 Industrial Replicators 10
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 5 (+1) [5 Power/round] 25
 Recreation Facilities: 5 [10 Power/round] 40
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 12
 Fire Suppression System [1 Power/round when active] 4
 Cargo Holds: 33,000 cubic meters 1
 Locations: Saucer port, saucer starboard, Engineering hull amidships
 Escape Pods 5
 Number: 100
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 5E6 78
 Speed: 5.0/9.2/9.6 [1 Power/.2 warp speed]
 PIS: Type C (6 hours of Maximum warp) 6
 Uprating: Package 2 (+0.2 for Sustainable) 4

IMPULSE ENGINE
 Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
 Location: Saucer aft, port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 4

POWER SYSTEMS

WARP ENGINE
 Type: Class 4/G (generates 240 Power/round) 54
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 3A (generate 28 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type C (generates 35 Power/round) 35
 EPS: Standard Power flow, +180 Power transfer/round 38

Standard Usable Power: 268

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 20

COMPUTERS
 Core 1: Saucer [5 Power/round] 8
 Core 2: Engineering [5 Power/round] 8
 Uprating: Class Alpha (+1) [1 Power/computer/round] 4
 ODN 12

Navigational Deflector [5 Power/round] 16
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Saucer forward

SENSOR SYSTEMS
 Long-range Sensors [5 Power/round] 45
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: +2000 substances/phenomena
 Lateral Sensors [5 Power/round] 25
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: +2000 substances/phenomena
 Navigational Sensors: [5 Power/round] 18
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Probes: 160 16

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigational Computer			
Main: Class 2 (+1) [1 Power/round]	2		
Backups: 2	2		
Inertial Damping Field			
Main	24		
Strength: 9 [3 Power/round]			
Number: 3			
Backup	6		
Strength: 6 [2 Power/round]			
Number: 3			
Attitude Control [1 Power/round]	1		
COMMUNICATIONS SYSTEMS			
Type: Class 6 [2 Power/round]	12		
Strength: 6			
Security: -2			
TRACTOR BEAMS			
Emitter: Class Gamma [3 Power/Strength used/round]	9		
Accuracy: 4/5/7/10			
Location: Forward			
Emitter: Class Gamma [3 Power/Strength used/round]	9		
Accuracy: 4/5/7/10			
Location: Aft ventral			
TRANSPORTERS			
Type: Personnel [5 Power/use]	32		
Pads: 6			
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)			
Energizing/Transition Coils: Class G (Strength 7)			
Number and Location: One in saucer, one in Engineering			
Type: Emergency [4 Power/use]	26		
Pads: 12			
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)			
Energizing/Transition Coils: Class G (Strength 7)			
Number and Location: One in saucer, one in Engineering			
Type: Cargo [4 Power/use]	24		
Pads: 400 kg			
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)			
Energizing/Transition Coils: Class G (Strength 7)			
Number and Location: One in saucer, one in Engineering			
Cloaking Device: None			
SECURITY SYSTEMS			
Rating: 2	8		
Anti-Intruder System: Yes [1 Power/round]	4		
Internal Force Fields [1 Power/3 Strength]	4		
SCIENCE SYSTEMS			
Rating 3 (+2) [3 Power/round]	19		
Specialized Systems: 3	15		
Laboratories: 18	4		
TACTICAL SYSTEMS			
Forward Phaser Array	15		
Type: VI			
Damage: 120 [12 Power]			
Number of Emitters: 80 (up to 1 shot per round)			
Auto-Phaser Interlock: Accuracy 5/6/8/11			
Range: 10/30,000/100,000/300,000			
Location: Forward			
Firing Arc: 360 degrees forward			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Aft Phaser Array	15		
Type: VI			
Damage: 120 [12 Power]			
Number of Emitters: 80 (up to 1 shot per round)			
Auto-Phaser Interlock: Accuracy 5/6/8/11			
Range: 10/30,000/100,000/300,000			
Location: Aft			
Firing Arc: 360 degrees aft			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
TA/T/TS: Class Alpha [0 Power/round]	6		
Strength: 7			
Bonus: +0			
Weapons Skill: 3			
Shields (Forward, Aft, Port, Starboard)	21 (x4)		
Shield Generator: Class 2 (Protection 250)			
[25 Power/shield/round]			
Shield Grid: Type B (33% increase to 333 Protection)			
Subspace Field Distortion Amplifiers: Class Beta (Threshold 80)			
Recharging System: Class 1 (45 seconds)			
Backup Shield Generators: 4 (1 per shield)	4		
Auto-Destruct System	4		
AUXILIARY SPACECRAFT SYSTEMS			
Shuttlebay(s): Capacity for 4 Size worth of ships	8		
Standard Complement: 2 shuttlecraft			
Location(s): Saucer aft			
Captain's Yacht: No			
DESCRIPTION AND NOTES			
Fleet data: The <i>Oberth</i> -class of science vessels has served in the forefront of Starfleet's explorations and science programs for nearly a century. Although no longer the cutting-edge ship it once was, it still contributes to the expansion of the Federation's body of scientific knowledge through its investigation and exploration of stellar anomalies, alien biospheres, and other phenomena.			
The <i>Oberth's</i> appearance is quite unusual. It consists of a cylindrical Engineering hull suspended beneath a saucer section by means of the nacelle pylons. Thus, the warp nacelles are attached directly to the port and starboard sides of the saucer. The ship is extremely lightly armed; although it has no torpedo launchers, it does have systems for launching probes.			
With the advent of the <i>Nova</i> -class, <i>Korolev</i> -class, and similar new science vessels, the <i>Oberth's</i> age is beginning to show. As each ship comes up for refits, Starfleet retires it, relegating it to the scrap heap or donating it to civilian science organizations. Within 20 years there will be no more <i>Oberth</i> -class vessels in the fleet.			

Noteworthy vessels/service records/encounters: *U.S.S. Oberth*, NCC-602, prototype; *U.S.S. Grissom*, NCC-638, destroyed on survey mission by Klingon incursion while investigating Genesis planet (2285); *U.S.S. Vico*, NAR-18834, lost in Black Cluster (2368); *U.S.S. Tsiolkovsky*, NCC-53911, crew died under effects of Psi 2000 virus, ship recovered (2366); *U.S.S. Raman*, NCC-59983, lost in atmosphere of Marijne VII (2370); *U.S.S. Pegasus*, NCC-53847, destroyed during test of illegal cloaking device (2358); *U.S.S. Bonestell*, NCC-31600, destroyed in Battle of Wolf 359 (2367). Also in service: *U.S.S. Cochrane*, NCC-59318; *U.S.S. Copernicus*, NCC-623; *U.S.S. Yosemite*, NCC-19002.

CA
MI

042 SA IN
89 IN 20
M16 TS 00

OLYMPIC CLASS

Class and Type: *Olympic-class Medical Vessel*
Commissioning Date: 2361

HULL SYSTEMS

Size: 6

Length: 330.50 meters
 Beam: 155.63 meters
 Height: 124.89 meters
 Decks: 27
 Mass: 1,695,000 metric tonnes
 SUs Available: 2,150
 SUs Used: 2,067

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 4 3
 Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90)
 [1 Power/10 Protection/round] 24
 Backup: Class 3 (Protection 30)
 [1 Power/10 Protection/round] 12
 Backup: Class 3 (Protection 30)
 [1 Power/10 Protection/round] 12

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 750/2,600/8,000

CREW QUARTERS

Spartan: None
 Basic: 2,800 280
 Expanded: 500 100
 Luxury: 100 100
 Unusual: 50 50

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 24
 Reserve Life Support [6 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 2 years' worth 12
 Food Replicators [6 Power/round] 6
 Industrial Replicators 15
 Type: Network of small replicators [2 Power/round]
 Type: 3 large units [2 Power/replicator/round]
 Medical Facilities: 10 (+2) [10 Power/round] 50
 Recreation Facilities: 7 [14 Power/round] 56
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 266,000 cubic meters 8
 Locations: Sphere dorsal port and starboard, Engineering hull, 6 other locations
 Escape Pods 12
 Number: 200
 Capacity: 12 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C 100
 Speed: 6.0/9.0/9.2 [1 Power/.2 warp speed]
 PIS: Type C (6 hours of Maximum warp) 6

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Location: Sphere aft
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 6/K (generates 330 Power/round) 73
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +250 Power transfer/round 55

Standard Usable Power: 370

OPERATIONS SYSTEMS

Bridge: Sphere dorsal 30

COMPUTERS

Core 1: Sphere [5 Power/round] 12
 Core 2: Engineering [5 Power/round] 12
 Uprating: Class Alpha (+1) [1 Power/computer/round] 4
 ODN 18

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 24
 Accuracy: 5/6/8/11
 Location: Forward ventral of main sphere

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 38
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Alpha (+1)
 Coverage: +1000 substances/phenomena
 Lateral Sensors [5 Power/round] 18
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Alpha (+1)
 Coverage: +1000 substances/phenomena
 Navigational Sensors: [5 Power/round] 14
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Alpha (+1)
 Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 1 1

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 6 [2 Power/round]	12
Strength: 6	
Security: -2	

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [4 Power/use]	84
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: 4 in sphere, 2 in Engineering hull	
Type: Emergency [7 Power/use]	90
Pads: 24	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: 4 in sphere, 2 in Engineering hull	
Type: Cargo [4 Power/use]	33
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class F (Strength 6)	
Number and Location: 2 in sphere, 1 in Engineering hull	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 2	8
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6

SCIENCE SYSTEMS

Rating 4 (+3) [5 Power/round]	26
Specialized Systems: 2	10
Laboratories: 35	8

TACTICAL SYSTEMS**Sphere Dorsal Phaser Array**

Type: VI	31
Damage: 120 [12 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Sphere dorsal	
Firing Arc: 540 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Sphere Ventral Phaser Array

Type: VI	31
Damage: 120 [12 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Sphere ventral	
Firing Arc: 540 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Engineering Dorsal Phaser Array

Type: VI	17
Damage: 120 [12 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Engineering dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Engineering Ventral Phaser Array

Type: VI	17
Damage: 120 [12 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 5/6/8/11	
Range: 10/30,000/100,000/300,000	
Location: Engineering ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

TA/T/TS: Class Alpha [0 Power/round]

Strength: 7	6
Bonus: +0	

Weapons Skill: 2**Shields (Forward, Aft, Port, Starboard)**

Shield Generator: Class 3 (Protection 480)	50 (x4)
[48 Power/shield/round]	
Shield Grid: Type C (50% increase to 720 Protection)	
Subspace Field Distortion Amplifiers: Class Delta (Threshold 160)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	8

Auto-Destruct System

6

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 8 Size worth of ships**

Standard Complement: 2 shuttlecraft, 4 shuttlepods (all adapted for use as ambulances)	16
Location(s): Engineering aft	

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: Large flying hospitals, *Olympic*-class Medical vessels bring much-needed medical relief to planets and regions devastated by plagues, disasters, and war. Equipped with the Federation's most advanced medical technology and best-trained doctors, *Olympic*-class vessels can meet and defeat virtually any health problem.

Unlike most Starfleet vessels, the *Olympic*-class does not have a saucer section. Instead, it has a much larger sphere section, which contains most of its hospital beds and research laboratories. A large section on the ventral side of the Engineering hull contains additional research laboratories where experiments with dangerous infectious agents can be performed at minimal risk to the patients.

Olympic-class vessels are built with a modularity feature which allows Starfleet to customize them for particular types of missions or crises. By replacing some laboratories or other facilities with other modules, the ship can be customized for medical research, disaster relief, combat surgery, epidemic response, evacuation/triage, or general humanitarian aid.

Noteworthy vessels/service records/encounters: *U.S.S. Olympic*, prototype; *U.S.S. Hope*, NCC-54368, assigned to emergency support duty in Sector 001; *U.S.S. Peace*, NCC-55135, currently assigned to perimeter transfers of humanitarian aid; *U.S.S. Biko*, NCC-50331, assigned to emergency patrol duties in Beta Quadrant; *U.S.S. Nobel*, NCC-55012, searched for *U.S.S. Hera* (2370), *U.S.S. Moore*, NCC-54216, assigned to combat surgery detail, saved the lives of hundreds of Starfleet soldiers during the Federation-Klingon conflict and Dominion War (2372-2375), *U.S.S. Tranquility*, NCC-53742, destroyed by the Jem'Hadar, resulting in the deaths of the entire crew and 1,500 patients (2374). Also in service: *U.S.S. Mayo*, NCC-59137; *U.S.S. Hipocrates*, NCC-68468.

PROMETHEUS CLASS

Class and Type: *Prometheus-class Heavy Cruiser*
Commissioning Date: 2374

HULL SYSTEMS

Size: 7 (separates into ships of 2, 2, and 3 Size)

Length: 418.25 meters
 Beam: 173.47 meters
 Height: 78.73 meters
 Decks: 16decks
 Mass: 2,100,000 metric tonnes
 SUs Available: 3,500
 SUs Used: 3,453

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 10
 Inner Hull: 10
 Ablative Armor: 800 160

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)
 [1 Power/10 Protection/round] 34
 Backup: Class 6 (Protection 50)
 [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 50)
 [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 655/120/6,800

CREW QUARTERS

Spartan: None
 Basic: 630 (180/180/270 split) 63
 Expanded: 70 (20/20/30 split) 14
 Luxury: 28 (8/8/12 split) 28
 Unusual: 7 (2/2/3 split) 7

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 1 year's worth 7
 Food Replicators [7 Power/round] 7
 Industrial Replicators 10
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark II [4 Power/round when active] 15
 Recreation Facilities: 4 [8 Power/round] 32
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 100,000 cubic meters 3
 Locations: 10 locations throughout the three sub-vessels
 Escape Pods 8
 Number: 160
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D98 (one set per each sub-vessel) 113 (x3)
 Speed: 6.0/9.2/9.982 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16 (x3)

IMPULSE ENGINE (ONE PER EACH SUB-VESSEL)

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40 (x3)
 Acceleration Upgrading: Class Beta (75% acceleration)
 [2 Power/round when active] 4 (x3)
 Location: Aft of each sub-vessel
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE (ONE PER SUB-VESSEL)

Type: Class 12/R (generates 645 Power/round) 135 (x3)
 Location: Aft of bottom and middle section, forward in top section
 Impulse Engine[s]: 3 Class 8 (one per section)
 (generate 64 Power/engine/round)
 Auxiliary Power: 2 reactors per section
 (generate 5 Power/reactor/round) 18
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +350 Power transfer/round 70

**Standard Usable Power: 709 for any individual sub-vessel,
 837 for joined vessel**

OPERATIONS SYSTEMS

Bridge: Dorsal in top section 35
 Auxiliary Control Rooms: One each in other two
 sections 21 (x2)
 Separation System: Multivector attack mode
 [10 Power in two rounds used] 14

COMPUTERS (BIONEURAL)

Core 1: Top [5 Power/round] 21
 Core 2: Middle [5 Power/round] 21
 Core 3: Bottom [5 Power/round] 21
 Upgrading: Class Beta (+2) [2 Power/computer/round] 12
 ODN 21

Navigation Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Ventral of bottom section, forward on other sections

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 58
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: +2000 substances/phenomena
 Lateral Sensors [5 Power/round] 30
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: +2000 substances/phenomena

Navigational Sensors: [5 Power/round] Strength Package: Class 9 (Strength 9) Gain Package: Class Beta (+2) Probes: 60 (20 per sub-vessel)	22 6		
Sensors Skill: 5			
FLIGHT CONTROL SYSTEMS			
Autopilot: Shipboard Systems (Flight Control) 4, Coordination 4 [1 Power/round in use]	16		
Navigational Computer			
Main: Class 3 (+2) [2 Power/round]	4		
Backups: 2	2		
Inertial Damping Field			
Main	56		
Strength: 9 [3 Power/round]			
Number: 4			
Backup	32		
Strength: 6 [2 Power/round]			
Number: 8			
Attitude Control [2 Power/round]	2		
COMMUNICATIONS SYSTEMS			
Type: Class 9 [2 Power/round]	28		
Strength: 9			
Security: -6 (Class Delta uprating)			
Basic Uprating: Class Beta (+2)			
Emergency Communications: Yes [2 Power/round]	1		
Holocommunications: Yes	1		
TRACTOR BEAMS			
Emitter: Class Delta [3 Power/Strength used/round] Accuracy: 4/5/7/10 Location: Forward of top section	12		
Emitter: Class Delta [3 Power/Strength used/round] Accuracy: 4/5/7/10 Location: Forward of middle section	12		
Emitter: Class Delta [3 Power/Strength used/round] Accuracy: 4/5/7/10 Location: Aft of bottom section	12		
Emitter: Class Alpha [3 Power/Strength used/round] Accuracy: 5/6/8/11 Location: Shuttlebay	3		
TRANSPORTERS			
Type: Personnel [5 Power/use]	18 (x3)		
Pads: 6			
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)			
Energizing/Transition Coils: Class I (Strength 9)			
Number and Location: One per section			
Type: Emergency [7 Power/use]	18 (x3)		
Pads: 22			
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)			
Energizing/Transition Coils: Class I (Strength 9)			
Number and Location: One per section			
Type: Cargo [4 Power/use]	14 (x3)		
Pads: 400 kg			
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)			
Energizing/Transition Coils: Class I (Strength 9)			
Number and Location: One per section			
Cloaking Device: None			
SECURITY SYSTEMS			
Rating: 4	16		
Anti-Intruder System: Yes [1 Power/round]	7		
Internal Force Fields [1 Power/3 Strength]	7		
SCIENCE SYSTEMS			
Rating 3 (+2) [3 Power/round]	22		
Specialized Systems: 2	10		
Laboratories: 24	6		
TACTICAL SYSTEMS			
Top Dorsal Forward Starboard Phaser Array			30
Type: X			
Damage: 200 [20 Power]			
Number of Emitters: 120 (up to 3 shots per round)			
Auto-Phaser Interlock: Accuracy 3/4/6/9			
Range: 10/30,000/100,000/300,000			
Location: Top section, dorsal starboard			
Firing Arc: 180 degrees dorsal starboard			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Top Dorsal Forward Port Phaser Array			30
Type: X			
Damage: 200 [20 Power]			
Number of Emitters: 120 (up to 3 shots per round)			
Auto-Phaser Interlock: Accuracy 3/4/6/9			
Range: 10/30,000/100,000/300,000			
Location: Top section, dorsal port			
Firing Arc: 180 degrees dorsal port			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Top Dorsal Aft Starboard Phaser Array			14
Type: X			
Damage: 200 [20 Power]			
Number of Emitters: 40 (up to 1 shot per round)			
Auto-Phaser Interlock: Accuracy 3/4/6/9			
Range: 10/30,000/100,000/300,000			
Location: Top section, aft dorsal starboard			
Firing Arc: 180 degrees dorsal starboard			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Top Dorsal Aft Port Phaser Array			14
Type: X			
Damage: 200 [20 Power]			
Number of Emitters: 40 (up to 1 shot per round)			
Auto-Phaser Interlock: Accuracy 3/4/6/9			
Range: 10/30,000/100,000/300,000			
Location: Top section, aft dorsal port			
Firing Arc: 180 degrees dorsal port			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Top Ventral Starboard Phaser Array			32
Type: X			
Damage: 200 [20 Power]			
Number of Emitters: 120 (up to 3 shots per round)			
Auto-Phaser Interlock: Accuracy 3/4/6/9			
Range: 10/30,000/100,000/300,000			
Location: Top section, ventral starboard (concealed when sections joined)			
Firing Arc: 360 degrees ventral			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			

Top Ventral Port Phaser Array	32	Bottom Dorsal Port Phaser Array	14
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)		Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Top section, ventral port (concealed when sections joined)		Location: Top section, dorsal (concealed when sections joined)	
Firing Arc: 360 degrees ventral		Firing Arc: 180 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Middle Dorsal Starboard Phaser Array	26	Bottom Ventral Forward Starboard Phaser Array	14
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 2 shots per round)		Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Middle section, dorsal starboard (concealed when sections joined)		Location: Bottom section, ventral forward starboard	
Firing Arc: 180 degrees dorsal		Firing Arc: 180 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Middle Dorsal Port Phaser Array	26	Bottom Ventral Forward Port Phaser Array	14
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 100 (up to 3 shots per round)		Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Middle section, dorsal port (concealed when sections joined)		Location: Bottom section, ventral forward port	
Firing Arc: 180 degrees dorsal		Firing Arc: 180 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Middle Ventral Starboard Phaser Array	14	Bottom Ventral Aft Starboard Phaser Array	18
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)		Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Middle section, ventral starboard (concealed when sections joined)		Location: Bottom section, aft ventral starboard	
Firing Arc: 180 degrees ventral		Firing Arc: 180 degrees ventral starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Middle Ventral Port Phaser Array	14	Bottom Ventral Aft Port Phaser Array	18
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)		Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Middle section, ventral port (concealed when sections joined)		Location: Bottom section, aft ventral port	
Firing Arc: 180 degrees ventral		Firing Arc: 180 degrees dorsal port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Bottom Dorsal Starboard Phaser Array	14	Engineering Ventral Starboard Phaser Array	14
Type: X		Type: X	
Damage: 200 [20 Power]		Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)		Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Range: 10/30,000/100,000/300,000	
Location: Bottom section, dorsal (concealed when sections joined)		Location: Bottom section, Engineering ventral starboard	
Firing Arc: 180 degrees dorsal		Firing Arc: 180 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Engineering Ventral Port Phaser Array	14
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Bottom section, Engineering ventral port	
Firing Arc: 180 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Top Forward Dorsal Torpedo Launcher	18
Standard Load: Mark I quantum torpedo (400 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Top forward dorsal	
Firing Arc: Forward, but are self-guided	
Top Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Top aft (concealed when sections are joined)	
Firing Arc: Aft, but are self-guided	
Middle Forward Dorsal Torpedo Launcher	18
Standard Load: Mark I quantum torpedo (400 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Middle forward dorsal (concealed when sections are joined)	
Firing Arc: Forward, but are self-guided	
Middle Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Middle aft	
Firing Arc: Aft, but are self-guided	
Top Forward Dorsal Torpedo Launcher	18
Standard Load: Mark I quantum torpedo (400 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Bottom forward dorsal (concealed when sections are joined)	
Firing Arc: Forward, but are self-guided	
Bottom Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Bottom aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 240 (80 per section)	24

TA/T/TS: Class Gamma [2 Power/round]	12 (x3)
Strength: 9	
Bonus: +2	
Weapons Skill: 5	
Shields (Forward, Aft, Port, Starboard)	120 (x4)
Shield Generator: Class 6 (Protection 1200)	
[120 Power/shield/round]	
Shield Grid: Type C (50% increase to 1800 Protection)	
Subspace Field Distortion Amplifiers: Class Theta (Threshold 400)	
Shield Regeneration System: Class 3 (regenerates 40 Protection per round; shield recharge time of 20 seconds) [1 Power/point regenerated/round]	
Backup Shield Generators: 4 (1 per shield)	7
Auto-Destruct System	7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 6 Size worth of ships	12
Standard Complement: 2 shuttlecraft, 2 shuttlepods	
Location(s): Engineering aft of the bottom section	
Captain's Yacht: No	

DESCRIPTION AND NOTES

Fleet data: The *Prometheus*-class Heavy Cruiser is an experimental vessel which represents the most state of the art vessel currently possessed by Starfleet. It comes equipped with the most advanced systems available: regenerative shielding, Type X phasers, quantum torpedoes, the EMH Mark II and holocommunications system, and many others. Most impressive is its multivector assault mode, in which it splits into three separate ships to bring extra offensive power to bear on a foe.

When the *Prometheus* is joined into a single unit, the two warp cores in its middle and bottom sections link together to form one larger unit. The top section's warp engine, located in its forward area, remains on standby; it can be activated to provide Power in 1 round.

The *Prometheus* is designed for deep-space tactical missions. Like the *Defiant*-class, its intended almost entirely for military or quasi-military uses. While many within Starfleet Command are troubled by the ship's emphasis on combat, in light of the Dominion War most officers support the development of the *Prometheus* and other ships like it.

Noteworthy vessels/service records/encounters: *U.S.S. Prometheus*, NX-59650, prototype.

RENAISSANCE CLASS

Class and Type: *Renaissance-class Cruiser*

Commissioning Date: 2303

HULL SYSTEMS

Size: 6

Length: 315.68 meters
 Beam: 146.72 meters
 Height: 60.32 meters
 Decks: 12
 Mass: 389,000 metric tonnes
 SUs Available: 1,750
 SUs Used: 1,686

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 60/90)
 [1 Power/10 Protection/round] 33
 Backup: Class 6 (Protection 30)
 [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 30)
 [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 415/70/5,250

CREW QUARTERS

Spartan: None
 Basic: 400 40
 Expanded: 60 12
 Luxury: 15 15
 Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 24
 Reserve Life Support [6 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 2 years' worth 12
 Food Replicators [6 Power/round] 6
 Industrial Replicators 9
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 6 (+1) [6 Power/round] 30
 Recreation Facilities: 5 [10 Power/round] 40
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 100,000 cubic meters 3
 Locations: Saucer forward ventral, Engineering aft
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5C2 66
 Speed: 5.0/8.0/9.2 [1 Power/.2 warp speed]
 PIS: Type I (16 hours of Maximum warp) 18

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Location: Saucer

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Location: Engineering hull
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 390 Power/round) 84
 Location: Engineering hull
 Impulse Engine[s]: 2 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
 Emergency Power: Type C (generates 35 Power/round) 35
 EPS: Standard Power flow, +280 Power transfer/round 58

Standard Usable Power: 470

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer [5 Power/round] 12
 Core 2: Engineering [5 Power/round] 12
 ODN 18

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 24
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 37
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 17
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 16
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Probes: 80 8

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 1
 [1 Power/round in use] 10

Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 2	2
Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 9 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	19
Strength: 7	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	64
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Emergency [5 Power/use]	56
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	36
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, one in Engineering hull	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	16
Specialized Systems: 1	5
Laboratories: 14	4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	39
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 200 (up to 5 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral forward	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Ventral Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Pylon Phaser Array	20
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard pylon	
Firing Arc: 360 degrees starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Pylon Phaser Array	20
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port pylon	
Firing Arc: 360 degrees port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Aft Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Dorsal Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal starboard
 Firing Arc: Forward, but are self-guided

Forward Dorsal Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Saucer dorsal port
 Firing Arc: Forward, but are self-guided

Interhull Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Connecting interhull forward, aft of saucer
 Firing Arc: Forward, but are self-guided

Aft Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft starboard
 Firing Arc: Aft, but are self-guided

Aft Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 6
 Range: 15/300,000/1,000,000/3,500,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft port
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 160

TA/T/TS: Class Beta [1 Power/round]

Strength: 8
 Bonus: +1

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard)

Shield Generator: Class 4 (Protection 660)
 [66 Power/shield/round]
 Shield Grid: Type B (33% increase to 880 Protection)
 Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 18 Size worth of ships

Standard Complement: 7 shuttlecraft, 4 shuttlepods
 Location(s): Engineering aft

15 **Captain's Yacht: No**

DESCRIPTION AND NOTES

Fleet data: The *Renaissance*-class Cruiser was developed using the specifications and technology for the larger *Excelsior*-class Exploratory Cruiser. The *Renaissance* features a saucer almost identical to that of the *Excelsior*, attached to the Engineering hull by a shorter, thicker connecting interhull. The Engineering hull itself is shorter and sturdier-looking than that of the *Excelsior*, with the nacelle pylons attached to the ventral side instead of the dorsal. Unique to the *Renaissance* is a special aft "weapons pod" which includes a phaser array and two torpedo launchers.

For its day, the *Renaissance*-class ship was rather heavily armed, with six phaser arrays and five torpedo launchers. But compared to today's ships, its weapons systems, even after repeated upratings, are not as powerful.

The *Renaissance*-class Cruiser was last actively produced in 2337. Since then the ships have received numerous upratings and continue to perform suitably. However, with all the new classes of Cruisers which recently have been, or soon will be, introduced into the fleet, the Federation has decided to start phasing out the *Renaissance* class beginning in 2377. As the ships come up for refit they will be decomissioned and used for spare parts, or perhaps be given to friendly governments.

Noteworthy vessels/service records/encounters: *U.S.S. Renaissance*, prototype; *U.S.S. Hornet*, NCC-45231, assisted with blockade during Klingon civil war (2367-68); *U.S.S. Maryland*, NCC-45109, lost in the Gamma Quadrant and presumed destroyed by the Dominion (2373); *U.S.S. Fascenelli*, NCC-46612, participated in attack on the Chin'toka system (2374). Also in service: *U.S.S. Aries*, NCC-45167, *U.S.S. Schiavona*, NCC-46735.

15

15

15

15

16

9

49 (x4)

8

6

36

RIGEL CLASS

Class and Type: *Rigel-class Heavy Scout*
Commissioning Date: 2327

HULL SYSTEMS

Size: 5
 Length: 215.64 meters
 Beam: 76.78 meters
 Height: 38.52 meters
 Decks: 8
 Mass: 325,000 metric tonnes
 SUs Available: 1,360
 SUs Used: 1,288

HULL
 Outer 20
 Inner 20

RESISTANCE
 Outer Hull: 6
 Inner Hull: 4

STRUCTURAL INTEGRITY FIELD
 Main: Class 4 (Protection 70/110)
 [1 Power/10 Protection/round] 26
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 13
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 13

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 70/125/400

CREW QUARTERS
 Spartan: None
 Basic: 65 7
 Expanded: 20 20
 Luxury: 8 8
 Unusual: 2 2

ENVIRONMENTAL SYSTEMS
 Basic Life Support [7 Power/round] 20
 Reserve Life Support [4 Power/round] 10
 Emergency Life Support (30 emergency shelters) 10
 Gravity [3 Power/round] 5
 Consumables: 2 years' worth 10
 Food Replicators [5 Power/round] 5
 Industrial Replicators 8
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 4 (+1) [4 Power/round] 20
 Recreation Facilities: 4 [8 Power/round] 32
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
 Fire Suppression System [1 Power/round when active] 5
 Cargo Holds: 33,000 cubic meters 1
 Locations: Saucer port, saucer starboard, Engineering amidships, 6
 other locations
 Escape Pods 5
 Number: 80
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 5E 75
 Speed: 5.0/9.0/9.2 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE
 Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Acceleration Uprating: Class Alpha (66% acceleration)
 [1 Power/round when active] 2
 Location: Saucer aft
 Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE
 Type: Class 6/K (generates 335 Power/round) 74
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
 Emergency Power: Type C (generates 35 Power/round) 35
 EPS: Standard Power flow, +230 Power transfer/round 48
Standard Usable Power: 375

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25
COMPUTERS
 Core 1: Saucer [5 Power/round] 10
 Core 2: Engineering [5 Power/round] 10
 ODN 15

Navigational Deflector [5 Power/round] 20
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS
 Long-range Sensors [5 Power/round] 50
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 22
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 20
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Probes: 100 10

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3
 [1 Power/round in use] 12

Navigation Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 2	2
Inertial Damping Field	
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	24
Strength: 9	
Security: -4	

TRACTOR BEAMS	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS	
Type: Personnel [5 Power/use]	34
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering hull	
Type: Emergency [5 Power/use]	30
Pads: 14	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	26
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One in saucer, one in Engineering hull	

Cloaking Device: None

SECURITY SYSTEMS	
Rating: 2	8
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5

SCIENCE SYSTEMS	
Rating 2 (+1) [1 Power/round]	15
Specialized Systems: None	
Laboratories: 3	2

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array	25
Type: VII	
Damage: 140 [14 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal forward	
Firing Arc: 405 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Saucer Ventral Phaser Array	25
Type: VII	
Damage: 140 [14 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral forward	
Firing Arc: 405 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Torpedo Launcher	14
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer ventral	
Firing Arc: Forward, but are self-guided	

Aft Torpedo Launcher	14
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 4	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Aft dorsal	
Firing Arc: Aft but are self-guided	

Torpedoes Carried: 30	3
TA/T/TS: Class Alpha [0 Power/round]	6
Strength: 7	
Bonus: +0	

Weapons Skill: 3	
Shields (Forward, Aft, Port, Starboard)	43 (x4)
Shield Generator: Class 3 (Protection 480)	
[48 Power/shield/round]	
Shield Grid: Type C (50% increase to 720 Protection)	
Subspace Field Distortion Amplifiers: Class Delta (Threshold 160)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4

Auto-Destruct System	5
-----------------------------	---

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 20 Size worth of ships	40
Standard Complement: 8 shuttlecraft, 4 shuttlepods	
Location(s): Forward	

Captain's Yacht: No



042 SA IN
89 IN 20
M16 TS 00

DESCRIPTION AND NOTES

Fleet data: The *Rigel*-class Heavy Scout was first commissioned in the early 24th century as part of the Coreward Exploratory Directive (2321), and as participants in that project have helped to expand the Federation's frontiers greatly and bring many new species into the Federation. During the Dominion War many of them were uprated with improved phasers and shields and sent into Cardassian-Dominion territory to bring back valuable intelligence. Not all of them made it back, but those which did always brought tactically valuable information with them.

Although its performance in the Dominion War shows that it's still quite capable of carrying out its duties, the *Rigel*-class is beginning to show its age a little. Starfleet has begun the long, slow process of decommissioning the class, and often turns the stripped-down ships over to the Federation Merchant Marine for use as freighters and traders.

Noteworthy vessels/service records/encounters: *U.S.S. Rigel*, prototype; *U.S.S. Arcturus*, NCC-57734, discovered Coreward Rift during long-range reconnaissance mission (2355); *U.S.S. Tolstoy*, NCC-62095, lost in Battle of Wolf 359 (2367); *U.S.S. Sirius*, NCC-60237, assigned to deep space observation duties along coreward frontier; *U.S.S. Barnard*, NCC-62046, assigned to scout/response duties in Bajor Sector (2367-73), destroyed by Jem'hadar (2374); *U.S.S. Akagi*, NCC-62158, part of the Klingon blockade armada (2368), later stationed at Deep Space 9 as part of the Ninth Fleet. Also in service: *U.S.S. Deneb*, NCC-63368, *U.S.S. Polaris*, NCC-62845, *U.S.S. Vega*, NCC-64296.

SABER CLASS

Class and Type: *Saber-class* Light Cruiser

Commissioning Date: 2370

HULL SYSTEMS

Size: 5

Length: 172.77 meters
 Beam: 174.61 meters
 Height: 43.48 meters
 Decks: 8
 Mass: 227,000 metric tonnes
 SUs Available: 1,650
 SUs Used: 1,572

HULL

Outer 20
 Inner 20

RESISTANCE

Outer Hull: 8
 Inner Hull: 8

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
 [1 Power/10 Protection/round] 29
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 15
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 15

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 40/15/200

CREW QUARTERS

Spartan: None
 Basic: 35 4
 Expanded: 10 2
 Luxury: 5 5
 Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [6 Power/round] 20
 Reserve Life Support [3 Power/round] 10
 Emergency Life Support (30 emergency shelters) 10
 Gravity [3 Power/round] 5
 Consumables: 3 years' worth 15
 Food Replicators [5 Power/round] 5
 Industrial Replicators 11
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 Recreation Facilities: 6 [12 Power/round] 48
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 15
 Fire Suppression System [1 Power/round when active] 5
 Cargo Holds: 33,000 cubic meters 1
 Locations: Saucer port, saucer starboard, Engineering hull, 8 other locations
 Escape Pods 7
 Number: 140
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D7 106
 Speed: 6.0/9.2/9.7 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Beta (75% acceleration)
 [2 Power/round when active] 4
 Location: Saucer aft port and starboard

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Beta (75% acceleration)
 [2 Power/round when active] 4
 Location: Engineering aft
 Reaction Control System (.025c) [2 Power/round when in use] 5

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 399 Power/round) 85
 Location: Engineering hull
 Impulse Engine[s]: 2 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type F (generates 50 Power/round) 50
 EPS: Standard Power flow, +250 Power transfer/round 50

Standard Usable Power: 495

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 25

COMPUTERS

Core 1: Saucer [5 Power/round] 10
 Core 2: Engineering [5 Power/round] 10
 Uprating: Class Beta (+2) [2 Power/computer/round] 8
 ODN 15

Navigational Deflector [5 Power/round] 20

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Saucer ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 41
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 21
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 20
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Alpha (+1)
 Probes: 60 6

Sensors Skill: 4**FLIGHT CONTROL SYSTEMS**

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use]	12
Navigational Computer	4
Main: Class 3 (+2) [2 Power/round]	2
Backups: 2	30
Inertial Damping Field	9
Main	30
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 9 [2 Power/round]	23
Strength: 9	
Security: -5 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
Holocommunications: Yes	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	36
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: One in saucer, one in Engineering hull	
Type: Emergency [6 Power/use]	34
Pads: 18	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: One in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	28
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: One in saucer, one in Engineering hull	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	5
Internal Force Fields [1 Power/3 Strength]	5

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	15
Specialized Systems: None	
Laboratories: 8	2

TACTICAL SYSTEMS**Saucer Dorsal Starboard Phaser Array**

32

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 3/4/6/9
Range: 10/30,000/100,000/300,000
Location: Saucer dorsal starboard
Firing Arc: 250 degrees dorsal starboard
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Port Phaser Array

32

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 3/4/6/9
Range: 10/30,000/100,000/300,000
Location: Saucer dorsal port
Firing Arc: 250 degrees dorsal port
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Starboard Phaser Array

32

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 3/4/6/9
Range: 10/30,000/100,000/300,000
Location: Saucer ventral starboard
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Port Phaser Array

32

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 3/4/6/9
Range: 10/30,000/100,000/300,000
Location: Saucer ventral
Firing Arc: 260 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher

18

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 3/4/6/9
Power: [20 + 5 per torpedo fired]
Location: Forward dorsal
Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher

18

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 3/4/6/9
Power: [20 + 5 per torpedo fired]
Location: Aft
Firing Arc: Aft, but are self-guided

Torpedoes Carried: 100

10

TA/T/TS: Class Gamma [2 Power/round]

12

Strength: 9
Bonus: +2

Weapons Skill: 4ALLO
RYN
032501

Shields (Forward, Aft, Port, Starboard)	51 (x4)
Shield Generator: Class 4 (Protection 660) [66 Power/shield/round]	
Shield Grid: Type C (50% increase to 880 Protection)	
Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 220)	
Recharging System: Class 2 (40 seconds)	
Backup Shield Generators: 4 (1 per shield)	4
Auto-Destruct System	5

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 12 Size worth of ships	24
Standard Complement: 5 shuttlecraft, 2 shuttlepods Location(s): Saucer forward, Engineering aft	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: Another product of the Perimeter Defense Directive, the *Saber*-class Light Cruiser is only slightly larger than the *Defiant*-class Heavy Escort, and in fact owes much of its design (including its internal warp nacelle design) to the Defiant Development Project. Since it lacks the traditional pylon configuration, its Engineering hull is smaller than on most ships of its type, and the ship has a smaller target profile. (On the other hand, a warp core breach will cause more damage to the ship than normal because of this arrangement; increase damage from a warp core breach by 20%.) Its size and correspondingly light armament also make it quick and easy to produce.

Most *Saber*-class ships are assigned to hostile frontier patrol, combat support, and escort duties. Some ASDB officers have suggested that with the addition of ablative armor, heavier armament (including pulse phaser cannons), and stronger shields (plus correspondingly more powerful warp engines for the necessary Power), the *Saber*-class could become a powerful front-line fighting vessel. Starfleet Command is currently considering their proposal.

Noteworthy vessels/service records/encounters: *U.S.S. Saber*, prototype; *U.S.S. Yeager*, NCC-61947, defended Earth against the Borg (2373) (not to be confused with the Yeager class of vessels); *U.S.S. Shepard*, NCC-62079, assigned to perimeter action duties in Sol Sector (2373-74), destroyed in Breen attack on Earth (2375); *U.S.S. Storta*, NCC-69531, currently assigned to deep frontier patrol (2376). Also in service: *U.S.S. Lu'ghara*, NCC-68749; *U.S.S. Veldar*, NCC-69846; *U.S.S. LaRue*, NCC-72315.

SEQUOIA CLASS

Class and Type: *Sequoia*-class Heavy Cruiser
Commissioning Date: 2368

HULL SYSTEMS

SIZE: 8

Length: 610.50 meters
 Beam: 415.63 meters
 Height: 135.46 meters
 Decks: 30
 Mass: 4,015,600 metric tonnes
 SUs Available: 2,700
 SUs Used: 2,568

HULL

Outer 32
 Inner 32

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 6 6

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120)
 [1 Power/10 Protection/round] 32
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16
 Backup: Class 5 (Protection 40)
 [1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 820/165/9,000

CREW QUARTERS

Spartan: None
 Basic: 750 75
 Expanded: 200 40
 Luxury: 60 60
 Unusual: 25 25

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 32
 Reserve Life Support [6 Power/round] 16
 Emergency Life Support (48 emergency shelters) 16
 Gravity [4 Power/round] 8
 Consumables: 3 years' worth 24
 Food Replicators [8 Power/round] 8
 Industrial Replicators 14
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark I [2 Power/round when active] 8
 Recreation Facilities: 8 [16 Power/round] 64
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 24
 Fire Suppression System [1 Power/round when active] 8
 Cargo Holds: 300,000 cubic meters 9
 Locations: Saucer port, saucer starboard, Engineering, 10 other locations
 Escape Pods 10
 Number: 180
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D8 107
 Speed: 6.0/9.2/9.8 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Saucer aft port and starboard

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Engineering hull
 Reaction Control System (.025c) [2 Power/round when in use] 8

POWER SYSTEMS

WARP ENGINE

Type: Class 11/Q (generates 575 Power/round) 123
 Location: Engineering hull

Impulse Engine[s]: 2 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +300 Power transfer/round 70

Standard Usable Power: 671

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 40
 Auxiliary Control Room: Battle bridge, Engineering forward dorsal 24
 Separation System: Saucer separation [10 Power] 10

COMPUTERS

Core 1: Saucer port [5 Power/round] 16
 Core 2: Saucer Starboard [5 Power/round] 16
 Core 3: Engineering [5 Power/round] 16
 Uprating: Class Beta (+2) [2 Power/computer/round] 12
 ODN 24

Navigational Deflector [5 Power/round] 32

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 60 6

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer 4
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 2 2
 Inertial Damping Field 64
 Main 64
 Strength: 9 [3 Power/round] 64
 Number: 4 64
 Backup 16
 Strength: 6 [2 Power/round] 16
 Number: 4 16
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 9 [2 Power/round] 26
 Strength: 9 26
 Security: -5 (Class Gamma uprating) 26
 Basic Uprating: Class Beta (+2) 26
 Emergency Communications: Yes [2 Power/round] 1
 Holocommunications: Yes 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10 12
 Location: Forward 12
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10 12
 Location: Aft ventral 12
 Emitter: Class Alpha [3 Power/Strength used/round] 12
 Accuracy: 5/6/8/11 12
 Location: One in each shuttlebay 12

TRANSPORTERS

Type: Personnel [5 Power/use] 54
 Pads: 6 54
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range) 54
 Energizing/Transition Coils: Class I (Strength 9) 54
 Number and Location: Two in saucer, one in Engineering hull 54
 Type: Emergency [6 Power/use] 51
 Pads: 20 51
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range) 51
 Energizing/Transition Coils: Class I (Strength 9) 51
 Number and Location: Two in saucer, one in Engineering hull 51
 Type: Cargo [4 Power/use] 42
 Pads: 400 kg 42
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range) 42
 Energizing/Transition Coils: Class I (Strength 9) 42
 Number and Location: Two in saucer, one in Engineering hull 42

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 8
 Internal Force Fields [1 Power/3 Strength] 8

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 18
 Specialized Systems: 2 10
 Laboratories: 16 4

TACTICAL SYSTEMS

Saucer Dorsal Phaser Array 49

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Phaser Array 49

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Port Dorsal Phaser Array 16

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Engineering section dorsal port
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Starboard Dorsal Phaser Array 16

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Engineering section dorsal starboard
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Forward Dorsal Phaser Array 25

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Engineering section forward (concealed when ship not separated)
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array 24

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Engineering section ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Dorsal Port Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft dorsal port	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Dorsal Starboard Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft dorsal starboard	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Ventral Port Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Aft Ventral Starboard Phaser Array	16
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft ventral starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Starboard Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Saucer central forward, starboard	
Firing Arc: Forward, but are self-guided	
Forward Amidships Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Saucer central forward	
Firing Arc: Forward, but are self-guided	
Forward Port Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Saucer central forward, port	
Firing Arc: Forward, but are self-guided	

Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Engineering aft	
Firing Arc: Aft, but are self-guided	
Saucer Aft Torpedo Launcher	18
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 10	
Range: 15/350,000/1,500,000/4,050,000	
Targeting System: Accuracy 3/4/6/9	
Power: [20 + 5 per torpedo fired]	
Location: Saucer aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 300	30
TA/T/TS: Class Gamma [2 Power/round]	12
Strength: 9	
Bonus: +2	
Weapons Skill: 5	
Shields (Forward, Aft, Port, Starboard)	92 (x4)
Shield Generator: Class 5 (Protection 1000)	
[100 Power/shield/round]	
Shield Grid: Type C (50% increase to 1500 Protection)	
Subspace Field Distortion Amplifiers: Class Zeta (Threshold 300)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	
Auto-Destruct System	8
AUXILIARY SPACECRAFT SYSTEMS	
Shuttlebay(s): Capacity for 33 Size worth of ships	66
Standard Complement: 12 shuttlecraft, 9 shuttlepods	
Location(s): Saucer aft, Engineering section forward dorsal port and starboard, Engineering section aft	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: Sometimes disparagingly referred to as the "baby *Galaxy*," the *Sequoia*-class Heavy Cruiser is in fact strongly based on the *Galaxy*-class Explorer. In creating it, the ASDB drew upon 20 years of experience in designing the *Galaxy* to create a similar, but slightly smaller, ship to perform similar duties. The main physical difference between the two, other than size, is that the *Sequoia's* connecting interhull region is not as long as that on the *Galaxy*; the ship's saucer sits much closer to its Engineering section than the saucer on a *Galaxy*-class vessel. The Engineering hull is also slightly different in shape.

In many ways, the *Sequoia*-class's systems and capabilities mirror those of the *Galaxy*, though a few are slightly less powerful (sometimes due to space requirements), and some

are better, since they incorporate technology developed since the *Galaxy*-class was created (such as the EMH, which was installed as a class-wide upgrade in 2372). As a Heavy Cruiser, the *Sequoia* is more heavily armed than the *Galaxy*; while it doesn't have quite as many phaser arrays, it has several more torpedo launchers, including its devastating forward triple array. As soon as possible, Starfleet Command intends to equip both the *Akira*-class and *Sequoia*-class with quantum torpedoes.

Noteworthy vessels/service records/encounters: *U.S.S. Sequoia*, prototype; *U.S.S. Yellowstone*, NCC-70073, destroyed two *Galor*-class ships in battle in the Kilandra System (2374), *U.S.S. Bertram*, NCC-71205, participated in Operation Return (2374). Also in service: *U.S.S. Everglades*, NCC-70237; *U.S.S. Flagstaff*, NCC-70986.

89 ER
65 OO
21 MS
02 IR
99 HC

SOVEREIGN CLASS

Class and Type: *Sovereign-class Heavy Explorer*

Commissioning Date: 2370

HULL SYSTEMS

SIZE: 8

Length: 685.34 meters

Beam: 242.56 meters

Height: 137.82 meters

Decks: 24

Mass: 3,900,000 metric tonnes

SUs Available: 3,150

SUs Used: 3,061

HULL

Outer 32

Inner 32

RESISTANCE

Outer Hull: 10 12

Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)

[1 Power/10 Protection/round] 35

Backup: Class 6 (Protection 50)

[1 Power/10 Protection/round] 18

Backup: Class 6 (Protection 50)

[1 Power/10 Protection/round] 18

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 855/200/13,000

CREW QUARTERS

Spartan: None

Basic: 800 80

Expanded: 230 46

Luxury: 45 45

Unusual: 25 25

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 32

Reserve Life Support [6 Power/round] 16

Emergency Life Support (48 emergency shelters) 16

Gravity [4 Power/round] 8

Consumables: 3 years' worth 24

Food Replicators [8 Power/round] 8

Industrial Replicators 17

Type: Network of small replicators [2 Power/round]

Type: 3 large units [2 Power/replicator/round]

Medical Facilities: 10 (+2) [10 Power/round] 50

EMH: Mark I [2 Power/round when active] 5

Recreation Facilities: 8 [16 Power/round] 64

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 24

Fire Suppression System [1 Power/round when active] 8

Cargo Holds: 133,000 cubic meters 4

Locations: Saucer port, saucer starboard, 15 other locations

Escape Pods 10

Number: 180

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 8 138

Speed: 8.0/9.6/9.95 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Location: Engineering dorsal

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40

Location: Saucer aft port and starboard

Reaction Control System (.025c) [2 Power/round when in use] 8

POWER SYSTEMS

WARP ENGINE

Type: Class 13/S (generates 699 Power/round) 145

Location: Engineering hull

Impulse Engine[s]: 2 Class 8 (generate 64 Power/engine/round)

Auxiliary Power: 6 reactors (generate 5 Power/reactor/round) 18

Emergency Power: Type F (generates 50 Power/round) 50

EPS: Standard Power flow, +350 Power transfer/round 75

Standard Usable Power: 777

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 40

COMPUTERS (BIO-NEURAL)

Core 1: Saucer port [5 Power/round] 24

Core 2: Saucer starboard [5 Power/round] 24

Core 3: Engineering [5 Power/round] 24

Uprating: Class Beta (+2) [2 Power/computer/round] 12

ODN 24

Navigational Deflector [5 Power/round] 32

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 54

Range Package: Type 7 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)

Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 26

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 24

Strength Package: Class 10 (Strength 10)

Gain Package: Class Beta (+2)

Probes: 80 8

Sensors Skill: 5

ALLO
RYN
032501

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 3 [1 Power/round in use] 15
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 2 2
 Inertial Damping Field
 Main 64
 Strength: 9 [3 Power/round]
 Number: 4
 Backup 16
 Strength: 9 [2 Power/round]
 Number: 4
 Attitude Control [2 Power/round] 2

Specialized Flight Control: Manual Steering Column
 [1 Power/round in use] 1

COMMUNICATIONS SYSTEMS

Type: Class 10 [2 Power/round] 26
 Strength: 10
 Security: -5
 Basic Uprating: Class Beta (+2)
 Emergency Communications: Yes [2 Power/round] 1
 Holocommunications: Yes 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward ventral
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 6
 Accuracy: 5/6/8/11
 Location: One in each shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 108
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Four in saucer, two in Engineering hull
 Type: Emergency [7 Power/use] 108
 Pads: 24
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Four in saucer, two in Engineering hull
 Type: Cargo [4 Power/use] 112
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Five in saucer, three in Engineering hull

Cloaking Device: No

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 8
 Internal Force Fields [1 Power/3 Strength] 8

SCIENCE SYSTEMS

Rating 3 (+2) [3 Power/round] 23
 Specialized Systems: 3 15
 Laboratories: 30 8

TACTICAL SYSTEMS

Saucer Dorsal Forward Phaser Array 57

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 200 (up to 5 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal forward
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Port Phaser Array 1 27

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft port
 Firing Arc: 250 degrees dorsal and aft port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Starboard Phaser Array 1 27

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft starboard
 Firing Arc: 250 degrees dorsal and aft starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Port Phaser Array 2 20

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 50 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft port
 Firing Arc: 250 degrees dorsal and aft port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Starboard Phaser Array 2 20

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 50 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft starboard
 Firing Arc: 250 degrees dorsal and aft starboard
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Port Phaser Array 3 18

Type: XII
 Damage: 240 [24 Power]
 Number of Emitters: 40 (up to 1 shot per round)
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal aft port
 Firing Arc: 250 degrees dorsal and aft port
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Aft Starboard Phaser Array 3	18	Forward Ventral Torpedo Launcher	19
Type: XII		Standard Load: Mark I quantum torpedo (400 Damage)	
Damage: 240 [24 Power]		Spread: 12	
Number of Emitters: 40 (up to 1 shot per round)		Range: 15/350,000/1,500,000/4,050,000	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Power: [20 + 5 per torpedo fired]	
Location: Saucer dorsal aft starboard		Location: Forward ventral, dorsal of navigational deflector	
Firing Arc: 250 degrees dorsal and aft starboard		Firing Arc: Forward, but are self-guided	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Saucer Ventral Forward Starboard Phaser Array	56	Forward Dorsal Torpedo Launcher	19
Type: XII		Standard Load: Mark I quantum torpedo (400 Damage)	
Damage: 240 [24 Power]		Spread: 12	
Number of Emitters: 200 (up to 5 shots per round)		Range: 15/350,000/1,500,000/4,050,000	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Power: [20 + 5 per torpedo fired]	
Location: Saucer ventral forward starboard		Location: Saucer forward dorsal	
Firing Arc: 360 degrees ventral		Firing Arc: Forward, but are self-guided	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Saucer Ventral Forward Port Phaser Array	56	Saucer Aft Port Torpedo Launcher	19
Type: XII		Standard Load: Mark I quantum torpedo (400 Damage)	
Damage: 240 [24 Power]		Spread: 12	
Number of Emitters: 200 (up to 5 shots per round)		Range: 15/350,000/1,500,000/4,050,000	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Power: [20 + 5 per torpedo fired]	
Location: Saucer ventral forward port		Location: Aft saucer, port	
Firing Arc: 360 degrees ventral		Firing Arc: Aft, but are self-guided	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Saucer Ventral Aft Starboard Phaser Array	22	Saucer Aft Starboard Torpedo Launcher	19
Type: XII		Standard Load: Mark I quantum torpedo (400 Damage)	
Damage: 240 [24 Power]		Spread: 12	
Number of Emitters: 60 (up to 1 shot per round)		Range: 15/350,000/1,500,000/4,050,000	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000		Power: [20 + 5 per torpedo fired]	
Location: Saucer ventral aft starboard		Location: Aft saucer, starboard	
Firing Arc: 360 degrees ventral		Firing Arc: Aft, but are self-guided	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Saucer Ventral Aft Port Phaser Array	22	Torpedoes Carried: 300	30
Type: XII		TA/T/TS: Class Gamma [2 Power/round]	
Damage: 240 [24 Power]		Strength: 9	
Number of Emitters: 60 (up to 1 shot per round)		Bonus: +2	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Weapons Skill: 5	
Range: 10/30,000/100,000/300,000		Shields (Forward, Aft, Port, Starboard)	114 (x4)
Location: Saucer ventral forward port		Shield Generator: Class 7 (Protection 1300)	
Firing Arc: 360 degrees ventral		[130 Power/shield/round]	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam		Shield Grid: Type C (50% increase to 1950 Protection)	
		Subspace Field Distortion Amplifiers: Class Eta (Threshold 430)	
		Recharging System: Class 1 (45 seconds)	
		Backup Shield Generators: 4 (1 per shield)	8
		Auto-Destruct System	8
Engineering Ventral Phaser Array	27	AUXILIARY SPACECRAFT SYSTEMS	
Type: XII		Shuttlebay(s): Capacity for 30 Size worth of ships	60
Damage: 240 [24 Power]		Standard Complement: 12 shuttlecraft, 6 shuttlepods	
Number of Emitters: 80 (up to 2 shots per round)		Location(s): Aft Engineering, aft saucer	
Auto-Phaser Interlock: Accuracy 3/4/6/9		Captain's Yacht: Yes	10
Range: 10/30,000/100,000/300,000			
Location: Engineering ventral			
Firing Arc: 360 degrees ventral			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			

DESCRIPTION AND NOTES

Fleet data: The current flagship of the United Federation of Planets, the *U.S.S. Enterprise-E*, is a vessel of a new class and type, the

Sovereign-class Heavy Explorer. The most powerful and technologically sophisticated starship ever created by Starfleet (except perhaps for the *U.S.S. Prometheus*), it represents the pinnacle of over 200 years of advances in starship design and technology.

The *Sovereign*-class was designed following the Battle of Wolf 359, where Starfleet's staggering losses forced it to approach starship construction with a new appreciation for the defense aspects of its mission. A task force composed of personnel from the Office of Strategic Operations, the Theoretical Propulsion Group, Spaceframe Design, and the Tactical Operations Group labored for years in conjunction with Starfleet Research and Development to create the technologies needed for a new, more powerful, group of ships. The results included the pulse phaser cannon, ablative hull armor, bio-neural computer systems, the quantum torpedo, and many new spaceframe designs. These systems were incorporated into the new ships of the Perimeter Defense Directive and, in many cases, into the *Sovereign*-class as well.

Incorporating advances in spaceframe design and ship mission conceptualization, the ASDB created a hull for the *Sovereign*-class which was sleek and powerful, like an arrow shot into the wilds by an errant explorer or a dart aimed at the hearts of the Federation's enemies. Working from the baseline of the *Galaxy*-class Explorer, they lengthened the frame while reducing its height, thus decreasing its profile to enemy attack. The saucer and Engineering hull merged into each other seamlessly, with no saucer separation feature since this ship would carry few, if any, civilian personnel. Rather than follow the lead of the *Defiant*-, *Saber*-, and *Steamrunner*-classes, which draw the vulnerable warp nacelles into the body of the ship, the *Sovereign* Design Group chose to employ a traditional nacelle pylon configuration to improve the ship's warp profile.

The *Sovereign*-class's weaponry is similarly advanced. Its 12 phaser arrays incorporate new, experimental Type XII ship phaser emitters, making them the most powerful phasers ever mounted on a starship. Its three torpedo launchers fire the new quantum torpedoes.

Following a successful launch of the testbed *U.S.S. Sovereign* in 2370, Starfleet began work on the first fully functional *Sovereign*-class vessel, the *U.S.S. Enterprise-E*. Two years later that ship launched under the command of Captain Jean-Luc Picard, and so far shows all signs of

living up to, and even surpassing, the glorious record established by the ships to bear her name previously.

Noteworthy vessels/service records/encounters: *U.S.S. Sovereign*, prototype; *U.S.S. Enterprise-E*, NCC-1701-E, prevented Borg temporal attack on Earth (2372), prevented unjustified displacement of the Ba'ku people (2375).

SPRINGFIELD CLASS

Class and Type: *Springfield-class* Light Frigate
Commissioning Date: 2342

HULL SYSTEMS

SIZE: 7

Length: 395.63 meters
 Beam: 130.43 meters
 Height: 58.26 meters
 Decks: 11
 Mass: 850,000 metric tonnes
 SUs Available: 1,900
 SUs Used: 1,831

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
 [1 Power/10 Protection/round] 28
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 14
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 430/112/4,900

CREW QUARTERS

Spartan: None
 Basic: 400 40
 Expanded: 50 10
 Luxury: 24 24
 Unusual: 6 6

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 1 year's worth 7
 Food Replicators [7 Power/round] 7
 Industrial Replicators
 Type: Network of small replicators [2 Power/round] 10
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 6 [12 Power/round] 48
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 133,000 cubic meters 4
 Locations: Saucer port, saucer starboard, 8 other locations
 Escape Pods 9
 Number: 160
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A2 91
 Speed: 6.0/8.0/9.2 [1 Power/.2 warp speed]
 PIS: Type 1 (24 hours of Maximum warp) 18

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Acceleration Uprating: Class Beta (75% acceleration)
 [2 Power/round when active] 4
 Location: Saucer aft port and starboard

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Acceleration Uprating: Class Beta (75% acceleration)
 [2 Power/round when active] 4
 Location: Engineering aft
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 7/M (generates 399 Power/round) 85
 Location: Engineering hull
 Impulse Engine[s]: 2 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +320 Power transfer/round 67

Standard Usable Power: 445

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS

Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Core 3: Engineering [5 Power/round] 14
 Uprating: Class Alpha (+1) [1 Power/computer/round] 6
 ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 41
 Range Package: Type 6 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 17
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 16
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Probes: 40 4

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Sensors Skill: 3**FLIGHT CONTROL SYSTEMS**

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use]	12
Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	19
Strength: 8	
Security: -3	
Basic Operating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	48
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, one in Engineering	
Type: Emergency [5 Power/use]	42
Pads: 15	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, one in Engineering	
Type: Cargo [4 Power/use]	24
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in saucer, one in Engineering	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	17
Specialized Systems: 1	5
Laboratories: 9	2

TACTICAL SYSTEMS

Saucer Dorsal Forward Starboard Phaser Array	27
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal forward starboard	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Forward Port Phaser Array	27
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal forward port	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Aft Starboard Phaser Array	18
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal aft starboard	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Aft Port Phaser Array	18
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal aft port	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Forward Starboard Phaser Array	26
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral forward starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Forward Port Phaser Array	26
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral forward port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Forward ventral	
Firing Arc: Forward, but are self-guided	
Aft Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 80	8
TA/T/TS: Class Beta [1 Power/round]	9
Strength: 8	
Bonus: +1	
Weapons Skill: 4	
Shields (Forward, Aft, Port, Starboard)	66 (x4)
Shield Generator: Class 4 (Protection 690)	
[69 Power/shield/round]	
Shield Grid: Type C (50% increase to 1035 Protection)	
Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	8
Auto-Destruct System	7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 25 Size worth of ships	50
Standard Complement: 9 shuttlecraft, 7 shuttlepods	
Location(s): Saucer aft	
Captain's Yacht: Yes	10

DESCRIPTION AND NOTES

Fleet data: This vessel, unusually large for a Frigate, particularly a Light Frigate, is considered by many a predecessor of the *Sovereign*-class Heavy Explorer. It incorporates, sometimes for the first time in Starfleet history, many features which were later adapted and improved upon for the *Sovereign*-class ship. Examples include its saucer (which, while based on designs from the *Galaxy*-class development program, is somewhat more oval and elongated), the multiple phaser strips around the saucer covering almost all angles around the ship, and a relatively short connecting interhull.

The *Springfield*-class ship is designed for missions where speed and power are essential. Among its more common mission profiles are patrol of relatively calm frontier regions, search and rescue, escort, and support. While it is now a bit dated, regular maintenance and routine

upratings have managed to keep it an active and valuable part of the fleet.

Noteworthy vessels/service records/encounters: *U.S.S. Springfield*, prototype (not to be confused with the *U.S.S. Springfield*, NCC-1936, a 23rd-century vessel of another class); *U.S.S. Chekov*, NCC-53702, destroyed by the Borg at the Battle of Wolf 359 (2367); *U.S.S. Stoneman*, NCC-55376, tasked to the Ninth Fleet at Deep Space 9 to search for lost or missing vessels (2373-2375). Also in service: *U.S.S. Richmond*, NCC-64275; *U.S.S. Hur'gaas*, NCC-59261.

STEAMRUNNER CLASS

Class and Type: *Steamrunner*-class Heavy Frigate
Commissioning Date: 2369

HULL SYSTEMS

Size: 6

Length: 365.54 meters
 Beam: 245.72 meters
 Height: 75.43 meters
 Decks: 16
 Mass: 1,605,000 metric tonnes
 SUs Available: 2,200
 SUs Used: 2,099

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9
 Ablative Armor: 800 160

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120) [1 Power/10 Protection/round] 30
 Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 15
 Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 15

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 437/93/5,750

CREW QUARTERS

Spartan: None
 Basic: 40 40
 Expanded: 75 15
 Luxury: 30 30
 Unusual: 10 10

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
 Reserve Life Support [5 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 1 year's worth 6
 Food Replicators [6 Power/round] 6
 Industrial Replicators 12
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark 1 [2 Power/round when active] 5
 Recreation Facilities: 6 [12 Power/round]
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 100,000 cubic meters 3
 Locations: Saucer port, saucer starboard, 10 other locations
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D7 107
 Speed: 6.0/9.2/9.7 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 40
 Acceleration Uprating: Class Alpha (66% acceleration) [1 Power/round when active] 2
 Location: Saucer aft
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 499 Power/round) 95
 Location: Saucer
 Impulse Engine[s]: 1 Class 8 (generate 64 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +300 Power transfer/round 60

Standard Usable Power: 563

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer port [5 Power/round] 12
 Core 2: Saucer starboard [5 Power/round] 12
 Uprating: Class Beta (+2) [2 Power/computer/round] 8
 ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Aft pod

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 52
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 24
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 22
 Strength Package: Class 9 (Strength 9)
 Gain Package: Class Beta (+2)
 Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use] 12

Navigation Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 2	2
Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 9 [2 Power/round]	21
Strength: 9	
Security: -4	
Basic Upgrading: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
Holocommunications: Yes	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: One in each shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	54
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: 3 in saucer	
Type: Emergency [5 Power/use]	48
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: 3 in saucer	
Type: Cargo [4 Power/use]	28
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class I (Strength 9)	
Number and Location: 2 in saucer	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	16
Specialized Systems: 1	5
Laboratories: 9	2

TACTICAL SYSTEMS

Forward Central Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward, between shuttlebay doors	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Starboard Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward, just starboard of shuttlebay doors	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Forward Port Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward, just port of shuttlebay doors	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Forward Dorsal Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Starboard Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral starboard	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Port Phaser Array	31
Type: X	
Damage: 200 [20 Power]	
Number of Emitters: 120 (up to 3 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral port	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Starboard Phaser Array

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft on starboard deflector pylon
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Port Phaser Array

Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft on port deflector pylon
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 10
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Aft Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 10
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft, starboard deflector pylon
 Firing Arc: Aft, but are self-guided

Aft Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
 Spread: 10
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Aft, port deflector pylon
 Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200

TA/T/TS: Class Gamma [2 Power/round]

Strength: 9
 Bonus: +2

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard)

Shield Generator: Class 4 (Protection 750)
 [75 Power/shield/round]
 Shield Grid: Type C (50% increase to 1125 Protection)
 Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System

23

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 60 Size worth of ships 120

Standard Complement: Up to 30 Starfleet Attack Fighters; any remaining space is occupied by shuttles
 Location(s): Saucer forward, saucer aft

Captain's Yacht: No

23

DESCRIPTION AND NOTES

Fleet data: As the second of the Perimeter Defense Directive ships, the *Steamrunner*-class Heavy Frigate drew on the design elements of its bigger cousin, the *Akira*-class Heavy Cruiser. Like that ship, the *Steamrunner* uses an aft rollbar-like structure, though in this case its pod holds the ship's deflector rather than its warp drive system. Like the *Defiant*- and *Saber*-classes, the *Steamrunner* pulls its warp nacelles in, reducing their vulnerability by dispensing with the standard nacelle-pylon configuration.

The *Steamrunner*-class was designed with a relatively specific set of mission profiles in mind. These include perimeter patrol and defense, long-range threat response, covert operations, and combat support. To help fulfill the latter role, the *Steamrunner*, like the *Akira*, has a large through-saucer shuttlebay used to carry Starfleet attack fighters and other small vessels into battle. Fighters leave through the two large shuttle doors on the forward side of the saucer, then circle back to the aft side to land when they're ready to return home. In between the two bays is a large repair and maintenance bay.

With its size, powerful engines, and offensive strength, the *Steamrunner* has proven itself a capable and durable combatant. Ships of this class played a major role in many battles during the Dominion War.

Noteworthy vessels/service records/

encounters: *U.S.S. Steamrunner*, prototype; *U.S.S. Matewan*, NCC-53446, lost during an interdiction operation along Romulan border (2371); *U.S.S. Appalachia*, NCC-52136, defended Earth against Borg incursion (2373); *U.S.S. Great Smokey*, NCC-51967, engaged the Tholians during the Draconis IX Perimeter Action (2371); *U.S.S. Sutter*, NCC-63749, lost during routine patrol of the Cardassian Demilitarized Zone (2370); *U.S.S. Adirondack*, NCC-63678, destroyed during assault on Chin'toka System (2374). Also in service: *U.S.S. Wanderer*, NCC-64590; *U.S.S. Circassia*, NCC-65203.

17

17

17

20

60 (x4)

8

6



042 SA IN
89 IN 20
M16 TS 00

SURAK CLASS

Class and Type: *Surak*-class Escort
Commissioning Date: 2355

HULL SYSTEMS

SIZE: 4
 Length: 118.36 meters
 Beam: 31.26 meters
 Height: 24.65 meters
 Decks: 5
 Mass: 81,000 metric tonnes
 SUs Available: 1,235
 SUs Used: 1,165

HULL
 Outer 16
 Inner 16

RESISTANCE
 Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD
 Main: Class 3 (Protection 60/90)
 [1 Power/10 Protection/round] 22
 Backup: Class 3 (Protection 30)
 [1 Power/10 Protection/round] 11
 Backup: Class 3 (Protection 30)
 [1 Power/10 Protection/round] 11

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 34/18/240

CREW QUARTERS
 Spartan: None
 Basic: 35 4
 Expanded: 10 10
 Luxury: 5 5
 Unusual: 0

ENVIRONMENTAL SYSTEMS
 Basic Life Support [7 Power/round] 16
 Reserve Life Support [4 Power/round] 8
 Emergency Life Support (24 emergency shelters) 8
 Gravity [2 Power/round] 4
 Consumables: 1 year's worth 4
 Food Replicators [4 Power/round] 4
 Industrial Replicators 4
 Type: Network of small replicators [2 Power/round]
 Medical Facilities: 5 (+1) [5 Power/round] 20
 Recreation Facilities: 4 [8 Power/round] 32
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 12
 Fire Suppression System [1 Power/round when active] 4
 Cargo Holds: 5,000 cubic meters 1
 Locations: Aft
 Escape Pods 5
 Number: 100
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE
 Nacelles: Type 6B 95
 Speed: 6.0/8.6/9.2 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE
 Type: Class 5A (.72c/.9c) [7/9 Power/round] 28
 Acceleration Uprating: Class Alpha (66% acceleration)
 [1 Power/round when active] 2
 Location: Aft starboard, aft port
 Reaction Control System (.025c) [2 Power/round when in use] 4

POWER SYSTEMS

WARP ENGINE
 Type: Class 5/H (generates 299 Power/round) 65
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 5A (generate 44 Power/engine/round)
 Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
 Emergency Power: Type C (generates 35 Power/round) 35
 EPS: Standard Power flow, +150 Power transfer/round 35

Standard Usable Power: 343

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 20

COMPUTERS
 Core 1: Saucer [5 Power/round] 8
 ODN 12

Navigational Deflector [5 Power/round] 16
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS 37
 Long-range Sensors [5 Power/round]
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 17
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 16
 Strength Package: Class 7 (Strength 7)
 Gain Package: Class Alpha (+1)
 Probes: 30 3

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 1 1

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Inertial Damping Field	
Main	24
Strength: 9 [3 Power/round]	
Number: 3	
Backup	6
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 7 [2 Power/round]	19
Strength: 7	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Forward	
Emitter: Class Gamma [3 Power/Strength used/round]	9
Accuracy: 4/5/7/10	
Location: Aft	
Emitter: Class Alpha [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: One in each shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	32
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in saucer, one in Engineering hull	
Type: Emergency [5 Power/use]	26
Pads: 12	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	24
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in saucer, one in Engineering hull	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	4
Internal Force Fields [1 Power/3 Strength]	4

SCIENCE SYSTEMS

Rating 1 (+0) [1 Power/round]	9
Specialized Systems: None	
Laboratories: 3	2

TACTICAL SYSTEMS

Saucer Forward Dorsal Phaser Array	25
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal forward	
Firing Arc: 360 degrees dorsal	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Saucer Forward Ventral Phaser Array	25
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral forward	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Starboard Pylon Phaser Array	14
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard pylon	
Firing Arc: 360 degrees starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Port Pylon Phaser Array	14
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 40 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port pylon	
Firing Arc: 360 degrees port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Phaser Array	21
Type: IX	
Damage: 180 [18 Power]	
Number of Emitters: 80 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft weapons pod	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Forward Dorsal Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer forward dorsal	
Firing Arc: Forward, but are self-guided	

Forward Ventral Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Saucer forward ventral	
Firing Arc: Forward, but are self-guided	

Aft Starboard Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Aft weapons pod, starboard	
Firing Arc: Aft, but are self-guided	

Aft Port Torpedo Launcher	15
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,500,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Aft weapons pod, port	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 40	4
TA/T/TS: Class Beta [1 Power/round]	9
Strength: 8	
Bonus: +1	
Weapons Skill: 3	
Shields (Forward, Aft, Port, Starboard)	28 (x4)
Shield Generator: Class 2 (Protection 400)	
[40 Power/shield/round]	
Shield Grid: Type C (50% increase to 600 Protection)	
Subspace Field Distortion Amplifiers: Class Beta (Threshold 100)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4
Auto-Destruct System	4

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 4 Size worth of ships	8
Standard Complement: 2 shuttlecraft	
Location(s): Aft port, aft starboard	
Captain's Yacht: No	

DESCRIPTION AND NOTES

Fleet data: Influenced by the designers' perceptions of Vulcan aesthetics, the *Surak*-class Escort features an unusual design in which the Engineering hull attaches directly to the aft side of a relatively shallow saucer section, giving the vehicle a dorsal profile resembling an old-fashioned Earth keyhole. The warp nacelle pylons are swept back; they attach to the dorsal aft part of the Engineering hull and project downwards, giving the vessel a fast, "sporty" appearance.

Ironically, the ASDB named this well-armed Escort, designed to protect merchant caravans and accompany larger vessels to war, after a man of peace. In addition to phasers and torpedoes mounted forward and on the pylons, the vessel has an aft weapons pod containing two torpedo launchers and a phaser array. Compared to more modern Escorts, the *Surak*-class sometimes seems lightly armed, and is gradually being relegated to duty in less dangerous, more settled areas.

Noteworthy vessels/service records/encounters: *U.S.S. Surak*, prototype; *U.S.S. Zapata*, NCC-33184, protected merchant caravans during the Dominion War (2373-75); *U.S.S. Gah'tal*, NCC-35892, participated in Operation Return (2374).

TALON CLASS

Class and Type: *Talon-class Scout*
Commissioning Date: 2373

HULL SYSTEMS

Size: 2
 Length: 24.36 meters
 Beam: 16.26 meters
 Height: 6.31 meters
 Decks: 1
 Mass: 15.7 metric tonnes
 SUs Available: 625
 SUs Used: 624

HULL

Outer 8
 Inner 8

RESISTANCE

Outer Hull: 4 3
 Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90) 20
 [1 Power/10 Protection/round]
 Backup: Class 3 (Protection 30) 10
 [1 Power/10 Protection/round]

**Specialized Hull: Atmospheric Capability;
 Planetfall Capability** 4

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 4/10/36

CREW QUARTERS

Spartan: 5 1
 Basic: None
 Expanded: None
 Luxury: None
 Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [4 Power/round] 8
 Reserve Life Support [2 Power/round] 4
 Emergency Life Support (8 emergency shelters) 4
 Gravity [1 Power/round] 2
 Consumables: 2 months' worth 1
 Food Replicators [2 Power/round] 2
 Medical Facilities: 1 (+0) [2 Power/round] 5
 Recreation Facilities: 1 [2 Power/round] 8
 Personnel Transport: Jefferies tubes [0 Power/round] 2
 Fire Suppression System [1 Power/round when active] 2
 Cargo Holds: 1,250 cubic meters 1
 Locations: 3 locations throughout the ship
 Escape Pods 1
 Number: 10
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 1B 10
 Speed: 1.5/3.0/5.0 [1 Power/.2 warp speed]
 PIS: Type 1 (24 hours of Maximum warp) 18
 Uprating: Package 1 for Standard, Sustainable, and Maximum 6
 Special Configuration: Embedded 8

IMPULSE ENGINE

Type: Class 5 (.7c/.9c) [7/9 Power/round] 25
 Acceleration Uprating: Class Beta (75% acceleration)
 [2 Power/round when active] 4
 Location: Aft
 Reaction Control System (.025c) [2 Power/round when in use] 2

POWER SYSTEMS

WARP ENGINE

Type: Class 5/H (generates 250 Power/round) 60
 Location: Aft amidships
 Impulse Engine[s]: 1 Class 5 (generate 40 Power/engine/round)
 Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
 Emergency Power: Type A (generates 25 Power/round) 25
 EPS: Standard Power flow, +80 Power transfer/round 18

Standard Usable Power: 290

OPERATIONS SYSTEMS

Bridge: Forward cockpit 10

COMPUTERS

Core 1: Amidships [5 Power/round] 4
 ODN 6

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 8
 Accuracy: 5/6/8/11
 Location: Forward dorsal

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 42
 Range Package: Type 6 (Accuracy 3/4/7/10)
 High Resolution: .5/6-1.0/1.1-3.7/3.8-5.0
 Low Resolution: 1 1/1.1-5.0/5.1-12.0/12.1-16
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 21
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Gamma (+3)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 16
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Beta (+2)
 Probes: 10 1

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3
 [1 Power/round in use] 12

<p> Navigation Computer Main: Class 2 (+1) [1 Power/round] 2 Backups: 2 2 Inertial Damping Field Main 8 Strength: 9 [3 Power/round] Number: 2 Backup 3 Strength: 6 [2 Power/round] Number: 3 Attitude Control [1 Power/round] 1 </p>		<p> Forward Port Phaser Array 17 Type: V Damage: 100 [10 Power] Number of Emitters: 80 (up to 2 shots per round) Auto-Phaser Interlock: Accuracy 4/5/7/10 Range: 10/30,000/100,000/300,000 Location: Port of central structure, just forward of nacelle housing Firing Arc: 270 degrees port and forward Firing Modes: Standard, Continuous, Pulse, Wide-Beam </p>
<p> COMMUNICATIONS SYSTEMS Type: Class 6 [2 Power/round] 15 Strength: 6 Security: -3 Basic Upgrading: Class Alpha (+1) Emergency Communications: Yes [2 Power/round] 1 </p>		<p> Aft Starboard Phaser Array 17 Type: V Damage: 100 [10 Power] Number of Emitters: 80 (up to 2 shots per round) Auto-Phaser Interlock: Accuracy 4/5/7/10 Range: 10/30,000/100,000/300,000 Location: Aft of starboard nacelle housing Firing Arc: 270 degrees starboard and aft Firing Modes: Standard, Continuous, Pulse, Wide-Beam </p>
<p> TRACTOR BEAMS Emitter: Class Beta [3 Power/Strength used/round] 6 Accuracy: 5/6/8/11 Location: Forward Emitter: Class Beta [3 Power/Strength used/round] 6 Accuracy: 5/6/8/11 Location: Aft </p>		<p> Forward Port Phaser Array 17 Type: V Damage: 100 [10 Power] Number of Emitters: 80 (up to 2 shots per round) Auto-Phaser Interlock: Accuracy 4/5/7/10 Range: 10/30,000/100,000/300,000 Location: Aft of port nacelle housing Firing Arc: 270 degrees port and aft Firing Modes: Standard, Continuous, Pulse, Wide-Beam </p>
<p> TRANSPORTERS Type: Personnel [4 Power/use] 14 Pads: 4 Emitter/Receiver Array: Personnel Type 6 (40,000 km range) Energizing/Transition Coils: Class F (Strength 6) Number and Location: 1 forward amidships </p>		<p> Starboard Microtorpedo Launcher 5.5 Standard Load: Microtorpedo (50 Damage) Spread: 5 Range: 1/100/500/2000 Targeting System: Accuracy 5/6/8/11 Power: [1] Location: Forward edge of starboard nacelle housing Firing Arc: Forward, but are self-guided </p>
<p> Cloaking Device: None SECURITY SYSTEMS Rating: 2 8 Anti-Intruder System: Yes [1 Power/round] 2 Internal Force Fields [1 Power/3 Strength] 2 </p>		<p> Port Microtorpedo Launcher 5.5 Standard Load: Microtorpedo (50 Damage) Spread: 5 Range: 1/100/500/2000 Targeting System: Accuracy 5/6/8/11 Power: [1] Location: Forward edge of port nacelle housing Firing Arc: Forward, but are self-guided </p>
<p> SCIENCE SYSTEMS Rating 1 (+0) [1 Power/round] 7 Specialized Systems: None Laboratories: 6 2 </p>		<p> Ventral Forward Microtorpedo Launcher 5.5 Standard Load: Microtorpedo (50 Damage) Spread: 5 Range: 1/100/500/2000 Targeting System: Accuracy 5/6/8/11 Power: [1] Location: Forward ventral Firing Arc: Forward, but are self-guided </p>
<p> TACTICAL SYSTEMS Forward Starboard Phaser Array 17 Type: V Damage: 100 [10 Power] Number of Emitters: 80 (up to 2 shots per round) Auto-Phaser Interlock: Accuracy 4/5/7/10 Range: 10/30,000/100,000/300,000 Location: Starboard of central structure, just forward of nacelle housing Firing Arc: 270 degrees starboard and forward Firing Modes: Standard, Continuous, Pulse, Wide-Beam </p>		<p> Microtorpedoes Carried: 150 1.5 TA/T/TS: Class Alpha [0 Power/round] 6 Strength: 7 Bonus: +0 Weapons Skill: 3 </p>

Shields (Forward, Aft, Port, Starboard) 12 (x4)Shield Generator: Class 2 (Protection 340 + 100 [embedded nacelles])
[34 Power/shield/round]

Shield Grid: Type A (25% increase to 425 Protection)

Subspace Field Distortion Amplifiers: Class Beta (Threshold 100 + 10
[embedded nacelles])

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 2**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): None****Captain's Yacht: No****DESCRIPTION AND NOTES**

Fleet data: The newest Scout produced by Starfleet, the *Talon*-class vessel incorporates a number of advances in starship design. Small enough to be carried aboard a capital ship in a shuttlebay, its streamlined shape allows it to enter and maneuver in atmospheres, and even to make planetfall; in or out of an atmosphere, it's extremely maneuverable. It has powerful sensors for a ship of its size, allowing it to perform very long-range scouting missions. And with its three phaser arrays and three microtorpedo launchers, it's heavily enough armed to take on many threats.

The *Talon* class also represents Starfleet's first use of fully embedded warp nacelles on a field vessel. Following the success of ships with partially-embedded nacelles, such as the *Steamrunner*- and *Saber*-classes, the ASDB decided to develop a vessel with its nacelles fully encased within the ship's body. Starfleet continues to evaluate this technology, which it refers to as "encased" nacelles, and may introduce it into additional ships if the *Talon* doesn't reveal any problems.

Noteworthy vessels/service records/encounters: *U.S.S. Talon*, NCC-75227, prototype, assigned to Starbase 315 (2373); *U.S.S. Sparrowhawk*, NCC-75439, performed several crucial recon missions behind enemy lines during the Dominion War (2374-75).

WAMBUNDU CLASS

Class and Type: *Wambundu-class Heavy Cruiser*

Commissioning Date: 2328

HULL SYSTEMS

SIZE: 7

Length: 425.65 meters
 Beam: 225.86 meters
 Height: 123.37 meters
 Decks: 27
 Mass: 3,100,000 metric tonnes
 SUs Available: 2,175
 SUs Used: 2,052

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110) [1 Power/10 Protection/round] 28
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 560/110/6,550

CREW QUARTERS

Spartan: None
 Basic: 500 50
 Expanded: 125 25
 Luxury: 15 15
 Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 2 years' worth 14
 Food Replicators [7 Power/round] 7
 Industrial Replicators 10
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 7 [14 Power/round] 56
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 200,000 cubic meters 6
 Locations: Saucer port, saucer starboard, Engineering,
 12 other locations
 Escape Pods 9
 Number: 160
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C4 101
 Speed: 6.0/9.0/9.4 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Saucer aft port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 499 Power/round) 105
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type E (generates 45 Power/round) 45
 EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 547

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS

Core 1: Saucer port [5 Power/round] 14
 Core 2: Saucer starboard [5 Power/round] 14
 Core 3: Engineering [5 Power/round] 14
 Uprating: Class Alpha (+1) [1 Power/computer/round] 6
 ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 46
 Range Package: Type 6 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 16 light-years (1/1.1-5.0/5.1-12.0/12.1-16)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 22
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 20
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Probes: 60 6

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Navigational Computer	4
Main: Class 3 (+2) [2 Power/round]	
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	19
Strength: 8	
Security: -3	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	6
Accuracy: 5/6/8/11	
Location: One in each shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	68
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Emergency [6 Power/use]	64
Pads: 20	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Three in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	39
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Two in saucer, one in Engineering hull	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	17
Specialized Systems: 2	10
Laboratories: 19	4

TACTICAL SYSTEMS**Saucer Dorsal Phaser Array**

43

Type: X
Damage: 200 [20 Power]
Number of Emitters: 180 (up to 4 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer dorsal
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Starboard Phaser Array

27

Type: X
Damage: 200 [20 Power]
Number of Emitters: 100 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer ventral starboard
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Port Phaser Array

27

Type: X
Damage: 200 [20 Power]
Number of Emitters: 100 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Saucer ventral port
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Starboard Phaser Array

23

Type: X
Damage: 200 [20 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering hull starboard
Firing Arc: 360 degrees starboard
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Port Phaser Array

23

Type: X
Damage: 200 [20 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering hull port
Firing Arc: 360 degrees port
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Dorsal Phaser Array

23

Type: X
Damage: 200 [20 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering hull aft dorsal
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Aft Ventral Phaser Array

Type: X

Damage: 200 [20 Power]

Number of Emitters: 80 (up to 2 shots per round)

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Engineering hull aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Ventral Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward ventral, just dorsal of navigational deflector

Firing Arc: Forward, but are self-guided

Forward Dorsal Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward dorsal port

Firing Arc: Forward, but are self-guided

Forward Dorsal Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward dorsal starboard

Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 8

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Engineering hull aft

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 100**TA/T/TS: Class Beta [1 Power/round]**

Strength: 8

Bonus: +1

Weapons Skill: 4**Shields (Forward, Aft, Port, Starboard)**

Shield Generator: Class 4 (Protection 750)

[75 Power/shield/round]

Shield Grid: Type C (50% increase to 1125 Protection)

Subspace Field Distortion Amplifiers: Class Epsilon (Threshold 250)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System

23

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 25 Size worth of ships**

50

Standard Complement: 10 shuttlecraft, 5 shuttlepods

Location(s): Saucer aft, Engineering forward dorsal

Captain's Yacht: No**DESCRIPTION AND NOTES**

15

Fleet data: Designed to patrol the Federation's chaotic and often dangerous frontiers during the first half of the 24th century, the *Wambundu*-class Heavy Cruiser has proven both powerful and long-lived. Many of its design elements represent early stages of late 24th century elements. For example, its Engineering hull tapers in the aft region to a flatter area, as much akin to a *Galaxy*-class Explorer as a *Constitution*-class Explorer. Other elements, such as the ship's port and starboard Engineering hull phaser arrays, were later abandoned as impractical or unnecessary for most ships.

15

The *Wambundu*-class has frequently served as a testbed for new, experimental systems, and has been uprated on a regular basis. For example, its original Type VII phaser arrays have been replaced with modern Type X arrays. However, the class is reaching the limits of its upratability, and as the new Heavy Cruisers and related vessels of the Perimeter Defense Directive become a more important part of the fleet, many *Wambundu*-class vessels are being refitted and recommissioned for other duties. For example, the *U.S.S. Fleming*, NCC-20316, now serves primarily as a medical transport and supply ship.

15

Noteworthy vessels/service records/encounters: *U.S.S. Wambundu*, prototype; *U.S.S. Drake*, NCC-20381, destroyed by ancient automated Minoan weapons system (2364) (not to be confused with *Andromeda*-class vessel of the same name); *U.S.S. Ogun*, NCC-24572, fought the Tholians during the Draconis IX Perimeter Action (2371). Also in service: *U.S.S. V'torrekh*, NCC-27943; *U.S.S. Doyle*, NCC-31649.

15

10

9

70 (x4)

8

7

YEAGER CLASS

Class and Type: Yeager-class Light Cruiser
Commissioning Date: 2373

HULL SYSTEMS

Size: 6

Length: 402.11 meters
 Beam: 195.64 meters
 Height: 58.69 meters
 Decks: 13
 Mass: 550,000 metric tonnes
 SUs Available: 1,750
 SUs Used: 1,603

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130)
 [1 Power/10 Protection/round] 33
 Backup: Class 6 (Protection 50)
 [1 Power/10 Protection/round] 17
 Backup: Class 6 (Protection 50)
 [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 204/60/3,500

CREW QUARTERS

Spartan: None
 Basic: 175 18
 Expanded: 50 10
 Luxury: 15 15
 Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
 Reserve Life Support [5 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 1 year's worth 6
 Food Replicators [6 Power/round] 6
 Industrial Replicators 9
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 7 (+2) [7 Power/round] 35
 Recreation Facilities: 5 [10 Power/round] 40
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 66,000 cubic meters 2
 Locations: Saucer port, saucer starboard, Engineering, 3 other loca-
 tions
 Escape Pods 7
 Number: 140
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C4 101
 Speed: 6.0/9.0/9.55 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16
 Upgrading: Package 1 (+0.15 for Maximum) 2

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Saucer aft, port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 449 Power/round) 95
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
 Emergency Power: Type C (generates 35 Power/round) 35
 EPS: Standard Power flow, +200 Power transfer/round 50

Standard Usable Power: 497

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30

COMPUTERS

Core 1: Saucer [5 Power/round] 12
 Core 2: Engineering [5 Power/round] 12
 ODN 18

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 24
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 39
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 19
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 18
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Probes: 40 4

Sensors Skill: 3

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 2 2

Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 8 [2 Power/round]	16
Strength: 8	
Security: -3	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	48
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, one in Engineering hull	
Type: Emergency [6 Power/use]	45
Pads: 18	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in saucer, one in Engineering hull	
Type: Cargo [4 Power/use]	24
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in saucer, one in Engineering hull	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	16
Specialized Systems: 1	5
Laboratories: 7	2

TACTICAL SYSTEMS

Saucer Dorsal Starboard Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal starboard	
Firing Arc: 250 degrees dorsal starboard	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Dorsal Port Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer dorsal port	
Firing Arc: 250 degrees dorsal port	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Saucer Ventral Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Saucer ventral	
Firing Arc: 250 degrees ventral	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Starboard Pylon Phaser Cannon	15
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Ventral of starboard pylon	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Port Pylon Phaser Cannon	15
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 60 (up to 1 shot per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Ventral of port pylon	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	
Engineering Forward Phaser Array	23
Type: VIII	
Damage: 160 [16 Power]	
Number of Emitters: 100 (up to 2 shots per round)	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering hull forward	
Firing Arc: 360 degrees forward (substantial arc shadow dorsal)	
Firing Modes: Standard, Continuous, Pulse, Wide-Beam	

Aft Phaser Array 20
 Type: VIII
 Damage: 160 [16 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft
 Firing Arc: 360 degrees aft
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher 15
 Standard Load: Type II photon torpedo (200 Damage)
 Spread: 8
 Range: 15/350,000/1,500,000/4,050,000
 Targeting System: Accuracy 4/5/7/10
 Power: [20 + 5 per torpedo fired]
 Location: Forward ventral
 Firing Arc: Forward, but are self-guided

Torpedoes Carried: 40 4

TA/T/TS: Class Alpha [0 Power/round] 6
 Strength: 7
 Bonus: +0

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 57 (x4)
 Shield Generator: Class 4 (Protection 750)
 [75 Power/shield/round]
 Shield Grid: Type C (50% increase to 1125 Protection)
 Subspace Field Distortion Amplifiers: Class Delta (Threshold 200)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 15 Size worth of ships 30
 Standard Complement: 6 shuttlecraft, 3 shuttlepods
 Location(s): Saucer forward, Engineering dorsal

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *Yeager*-class Light Cruiser is another ship assembled from spare ship sections, salvaged ship parts, and ships-in-progress for purposes of fighting the Dominion War. It consists of the saucer section of an *Intrepid*-class ship, a body adapted from a Starfleet attack fighter, and two warp nacelles on downward-projecting pylons. While rather Frankensteinian in appearance, the combination seems to work reasonably well, though it requires an especially strong SIF.

Since it's relatively lightly armed, with Type VIII phasers and only a single torpedo launcher, the *Yeager*-class serves best as a transport, escort, and patrol vessel. Now that the Dominion War has ended, the class's fate remains uncertain, since other, better-designed, vessels are available to fulfill these functions.

Noteworthy vessels/service records/encounters: *U.S.S. Yeager*, prototype (not to be confused with *Saber*-class vessel of the same designation); *U.S.S. Aldrin*, NCC-69825, assigned to personnel transport duties (2373-75); *U.S.S. Gemini*, NCC-70328, participated in Operation Return (2374).

042 SA IN
89 IN 20
M16 TS 00

YORKSHIRE CLASS

Class and Type: *Yorkshire-class Armored Transport*
Commissioning Date: 2365

HULL SYSTEMS

SIZE: 3

Length: 90.10 meters
 Beam: 22.37 meters
 Height: 15.65 meters
 Decks: 3
 Mass: 55,000 metric tonnes
 SUs Available: 1,000
 SUs Used: 942

HULL

Outer 12
 Inner 12

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9
 Ablative Armor: 500 100

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110) [1 Power/10 Protection/round] 24
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 12
 Backup: Class 4 (Protection 40) [1 Power/10 Protection/round] 12

Specialized Hull: Atmospheric Capability; Planetfall Capability 6

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 4/60/200

CREW QUARTERS

Spartan: 30 2
 Basic: 10 1
 Expanded: 4 1
 Luxury: None
 Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [6 Power/round] 12
 Reserve Life Support [3 Power/round] 6
 Emergency Life Support (18 emergency shelters) 6
 Gravity [2 Power/round] 3
 Consumables: 1 year's worth 3
 Food Replicators [3 Power/round] 3
 Industrial Replicators 3
 Type: Network of small replicators [2 Power/round] 10
 Medical Facilities: 2 (+0) [2 Power/round] 16
 Recreation Facilities: 2 [4 Power/round] 3
 Personnel Transport: Jefferies tubes [0 Power/round] 3
 Fire Suppression System [1 Power/round when active] 3
 Cargo Holds: 6,000 cubic meters 1
 Locations: Aft

Escape Pods 1
 Number: 20
 Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 4.9 30
 Speed: 4.0/6.0/9.0 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Acceleration Uprating: Class Beta (75% acceleration) [1 Power/round when active] 4
 Location: Aft dorsal, port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 3

POWER SYSTEMS

WARP ENGINE

Type: Class 4/G (generates 225 Power/round) 53
 Location: Aft
 Impulse Engine[s]: 1 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
 Emergency Power: Type B (generates 30 Power/round) 30
 EPS: Standard Power flow, +150 Power transfer/round 30

Standard Usable Power: 273

OPERATIONS SYSTEMS

Bridge: Forward 15

COMPUTERS

Core 1: Amidships [5 Power/round] 6
 ODN 9

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 12
 Accuracy: 5/6/8/11
 Location: Ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 39
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 19
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 18
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Probes: 20 2

Sensors Skill: 3

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

FLIGHT CONTROL SYSTEMS

- Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use] 12
- Navigational Computer 12
 - Main: Class 2 (+1) [1 Power/round] 2
 - Backups: 1 1
- Inertial Damping Field 12
 - Main 12
 - Strength: 9 [3 Power/round]
 - Number: 2
 - Backup 4
 - Strength: 6 [2 Power/round]
 - Number: 2
- Attitude Control [1 Power/round] 1

COMMUNICATIONS SYSTEMS

- Type: Class 7 [2 Power/round] 16
- Strength: 7
- Security: -4 (Class Gamma uprating)

TRACTOR BEAMS

- Emitter: Class Gamma [3 Power/Strength used/round] 9
- Accuracy: 4/5/7/10
- Location: Ventral

TRANSPORTERS

- Type: Personnel [5 Power/use] 54
 - Pads: 6
 - Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 - Energizing/Transition Coils: Class I (Strength 9)
 - Number and Location: One forward, one amidships, one aft
- Type: Emergency [5 Power/use] 48
 - Pads: 12
 - Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 - Energizing/Transition Coils: Class I (Strength 9)
 - Number and Location: One forward, one amidships, one aft
- Type: Cargo [4 Power/use] 14
 - Pads: 400 kg
 - Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 - Energizing/Transition Coils: Class I (Strength 9)
 - Number and Location: One amidships

Cloaking Device: None

SECURITY SYSTEMS

- Rating: 3 12
- Anti-Intruder System: Yes [1 Power/round] 3
- Internal Force Fields [1 Power/3 Strength] 3

SCIENCE SYSTEMS

- Rating 2 (+0) [1 Power/round] 13
- Specialized Systems: None
- Laboratories: None

TACTICAL SYSTEMS

Forward Phaser Array

- Type: X 15
- Damage: 200 [20 Power]
- Number of Emitters: 40 (up to 1 shot per round)
- Auto-Phaser Interlock: Accuracy 4/5/7/10
- Range: 10/30,000/100,000/300,000
- Location: Forward
- Firing Arc: 360 degrees forward
- Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Phaser Array

- Type: X 15
- Damage: 200 [20 Power]
- Number of Emitters: 40 (up to 1 shot per round)
- Auto-Phaser Interlock: Accuracy 4/5/7/10
- Range: 10/30,000/100,000/300,000
- Location: Aft
- Firing Arc: 360 degrees aft
- Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Forward Torpedo Launcher

- Standard Load: Type II photon torpedo (200 Damage) 14
- Spread: 4
- Range: 15/350,000/1,500,000/4,050,000
- Targeting System: Accuracy 4/5/7/10
- Power: [20 + 5 per torpedo fired]
- Location: Forward
- Firing Arc: Forward, but are self-guided

Torpedoes Carried: 10 1

TA/T/TS: Class Alpha [0 Power/round] 6

- Strength: 7
- Bonus: +0

Weapons Skill: 3

Shields (Forward, Aft, Port, Starboard) 20 (x4)

- Shield Generator: Class 2 (Protection 250) [25 Power/shield/round]
- Shield Grid: Type C (50% increase to 375 Protection)
- Subspace Field Distortion Amplifiers: Class Beta (Threshold 80)
- Recharging System: Class 1 (45 seconds)
- Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 3

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 4 Size worth of ships 8

- Standard Complement: 2 shuttlecraft
- Location(s): Ventral amidships

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *Yorkshire*-class vessel is an Armored Transport capable of carrying up to 60 troops or a like number of other persons. While its size prevents it from carrying the large warp engine necessary to power extremely strong shields, between its standard shields and ablative armor it's usually able to make it to the target coordinates and back in one piece. If necessary it can enter planetary atmospheres and make planetfall. During the Dominion War, more *Yorkshtires* than ever before were produced and saw action; they proved invaluable in many systems where groundfighting took place.

Physically, the *Yorkshire* resembles an enlarged shuttlecraft with armor plating and weapons. Its warp nacelles are mounted aft ventral (very close to the body of the vessel to minimize their vulnerability), and its impulse engines aft dorsal.

SS
LO
NG

89 ER
65 OO
21 MS
02 IR
99 HC

It has more transporters than one would expect for a vessel of its size, to move personnel on and off the ship. If necessary, it also has large hatches amidships on the port and starboard sides, and a similar hatch in the ceiling of the bridge (cockpit).

Noteworthy vessels/service records/encounters: *U.S.S. Yorkshire*, prototype; *U.S.S. Denver*, NCC-54927, damaged by gravitic mine and abandoned (2368); *U.S.S. Cornwall*, NCC-55938, landed troops on Cardassia Prime during assault on Chin'toka System (2374).

ZODIAC CLASS

Class and Type: *Zodiac-class Cruiser*
Commissioning Date: 2365

HULL SYSTEMS

Size: 6

Length: 324.38 meters
 Beam: 163.54 meters
 Height: 55.75 meters
 Decks: 12
 Mass: 1,325,000 metric tonnes
 SUs Available: 2,100
 SUs Used: 2,032

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
 [1 Power/10 Protection/round] 27
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 14
 Backup: Class 4 (Protection 40)
 [1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 357/90/3,600

CREW QUARTERS

Spartan: None
 Basic: 330 33
 Expanded: 60 12
 Luxury: 18 18
 Unusual: 8 8

ENVIRONMENTAL SYSTEMS

Basic Life Support [10 Power/round] 24
 Reserve Life Support [5 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round]
 Consumables: 2 years' worth 12
 Food Replicators [6 Power/round] 6
 Industrial Replicators 12
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 8 (+2) [8 Power/round] 40
 EMH: Mark 1 [2 Power/round when active] 5
 Recreation Facilities: 6 [12 Power/round] 48
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 100,000 cubic meters 6
 Locations: Saucer port, saucer starboard, Engineering, 8 other locations
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6C6 103
 Speed: 6.0/9.0/9.6 [1 Power/.2 warp speed]
 PIS: Type I (18 hours of Maximum warp) 18

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Saucer aft, port and starboard

IMPULSE ENGINE

Type: Class 6 (.75c/.9c) [7/9 Power/round] 30
 Location: Engineering dorsal amidships
 Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 499 Power/round) 105
 Location: Engineering hull

Impulse Engine[s]: 2 Class 6 (generate 48 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +300 Power transfer/round 48

Standard Usable Power: 595

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 30
 Auxiliary Control Room: Battle bridge, Engineering dorsal forward 18
 Separation System: Saucer separation [10 Power] 8

COMPUTERS

Core 1: Saucer section, port [5 Power/round] 12
 Core 2: Saucer section, starboard [5 Power/round] 12
 Core 3: Engineering section [5 Power/round] 12
 Uprating: Class Alpha (+1) [1 Power/computer/round] 6
 ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Engineering forward, ventral of saucer

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 50
 Range Package: Type 7 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
 Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 22
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 20
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Probes: 60 6

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer 4
 Main: Class 3 (+2) [2 Power/round] 2
 Backups: 2
 Inertial Damping Field 36
 Main 9
 Strength: 9 [3 Power/round]
 Number: 3
 Backup 9
 Strength: 6 [2 Power/round]
 Number: 3
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 19
 Strength: 8
 Security: -3
 Basic Upgrading: Class Alpha (+1)
 Emergency Communications: Yes [2 Power/round] 1
 Holocommunications: Yes 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward ventral
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 6
 Accuracy: 5/6/8/11
 Location: One in each shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 68
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Three in saucer, one in Engineering hull
 Type: Emergency [6 Power/use] 64
 Pads: 20
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Three in saucer, one in Engineering hull
 Type: Cargo [4 Power/use] 26
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: One in saucer, one in Engineering hull

Cloaking Device: None

SECURITY SYSTEMS

Rating: 4 16
 Anti-Intruder System: Yes [1 Power/round] 6
 Internal Force Fields [1 Power/3 Strength] 6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 16
 Specialized Systems: 1 5
 Laboratories: 16 4

TACTICAL SYSTEMS

Saucer Dorsal Forward Phaser Array 28
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal forward
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Starboard Phaser Array 28
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal starboard
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Dorsal Port Phaser Array 28
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 100 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer dorsal port
 Firing Arc: 405 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Saucer Ventral Forward Phaser Array 32
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 120 (up to 3 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Saucer ventral forward
 Firing Arc: 405 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Engineering Ventral Phaser Array 23
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Engineering ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Dorsal Phaser Array 23
 Type: X
 Damage: 200 [20 Power]
 Number of Emitters: 80 (up to 2 shots per round)
 Auto-Phaser Interlock: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Continuous, Pulse, Wide-Beam

Aft Ventral Phaser Array

Type: X
Damage: 200 [20 Power]
Number of Emitters: 80 (up to 2 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Aft ventral
Firing Arc: 360 degrees ventral
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

23

Engineering Forward Dorsal Phaser Array

Type: X
Damage: 200 [20 Power]
Number of Emitters: 120 (up to 3 shots per round)
Auto-Phaser Interlock: Accuracy 4/5/7/10
Range: 10/30,000/100,000/300,000
Location: Engineering dorsal forward (concealed when sections are joined)
Firing Arc: 360 degrees dorsal
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

31

Forward Ventral Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Forward ventral, in connecting interhull above navigational deflector
Firing Arc: Forward, but are self-guided

17

Forward Dorsal Starboard Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Saucer dorsal forward starboard
Firing Arc: Forward, but are self-guided

17

Forward Dorsal Port Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Saucer dorsal forward port
Firing Arc: Forward, but are self-guided

17

Aft Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)
Spread: 10
Range: 15/350,000/1,500,000/4,050,000
Targeting System: Accuracy 4/5/7/10
Power: [20 + 5 per torpedo fired]
Location: Aft
Firing Arc: Aft, but are self-guided

17

Torpedoes Carried: 160

16

TA/T/TS: Class Beta [1 Power/round]

9

Strength: 8
Bonus: +1

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard)

67 (x4)

Shield Generator: Class 5 (Protection 840)
[84 Power/shield/round]
Shield Grid: Type C (50% increase to 1260 Protection)
Subspace Field Distortion Amplifiers: Class Zeta (Threshold 280)
Recharging System: Class 1 (45 seconds)
Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System

8
6

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 34 Size worth of ships

68

Standard Complement: 15 shuttlecraft, 4 shuttlepods
Location(s): Aft saucer, aft Engineering hull

Captain's Yacht: Yes

10

DESCRIPTION AND NOTES

Fleet data: Yet another ship spun off from the Galaxy Class Development Project, the *Zodiac*-class Cruiser has a saucer similar to the *Galaxy*-class (though more like a perfectly circular disk instead of an oval), as well as a similar Engineering hull. The nacelle pylons project from the aft ventral side of the Engineering hull, as on the *Galaxy*-class, but sweep forward and slightly up, so that the Bussard ramscoop on each nacelle is almost in line with the bridge. Because it incorporates a saucer separation feature, the *Zodiac*-class has two impulse engines (one set located port and starboard on the aft side of the saucer; the other set mounted amidships to either side of the dorsal spine of the Engineering section).

The *Zodiac*-class Cruiser is an all-purpose ship, able to undertake missions from exploration to warfare. It's often used for diplomatic missions since it's powerful enough to protect the delegates, but not large or threatening enough to intimidate most diplomats. Several *Zodiacs* have been refitted with extra expanded, luxury, and unusual quarters to better accommodate delegations, as well as with Emergency Medical Holograms.

Noteworthy vessels/service records/ encounters: *U.S.S. Zodiac*, prototype; *U.S.S. Yorktown*, NCC-61137, fought in Dominion War (2373-75); *U.S.S. Sagittarius*, NCC-71276, engaged the Tholians during the Draconis IX Perimeter Action (2371), destroyed five Cardassian and Dominion warships during battle to defend Vulcan (2374). Also in service: *U.S.S. Scorpio*, NCC-71275; *U.S.S. Libra*, NCC-71274.

FEDERATION SHUTTLECRAFT

Class and Type: Various Shuttlecraft

Commissioning Date: Varies

Fire Suppression System [1 Power/round when active]

Cargo Holds: None

Escape Pods: None

2

74206
74856
NX 01A

HULL SYSTEMS

SIZE: 2

Type 6: 6.0 x 4.4 x 2.7 m; 1 deck; 3.38 metric tonnes

Type 7: 8.5 x 3.6 x 2.7 m; 1 deck; 3.96 metric tonnes

Type 8: 7.1 x 3.8 x 2.7 m; 1 deck; 4.21 metric tonnes

Type 9/9A: 8.45 x 4.2 x 2.7 m; 1 deck; 4.25 metric tonnes

Type 10: 9.64 x 5.82 x 3.35 m; 1 deck; 19.73 metric tonnes

Type 15/15A Shuttlepod: 3.6 x 2.4 x 1.6 m; 1 deck; 0.86 metric tonnes
(Size 1)

Type 16 Shuttlepod: 4.8 x 2.4 x 1.6 m; 1 deck; 1.25 metric tonnes
(Size 1)

Type 18 Shuttlepod: 4.5 x 3.1 x 1.8 m; 1 deck; 2.28 metric tonnes
(Size 1)

SUs Available: 500

SUs Used: 454 (see text)

HULL

Outer 8

Inner 8

RESISTANCE

Outer Hull: 4 3

Inner Hull: 4 3

STRUCTURAL INTEGRITY FIELD

Main: Class 1 (Protection 40/60)
[1 Power/10 Protection/round] 14

Backup: Class 1 (Protection 20)
[1 Power/10 Protection/round] 7

Backup: Class 1 (Protection 20)
[1 Power/10 Protection/round] 7

**Specialized Hull: Atmospheric Capability;
Planetfall Capability** 4

PERSONNEL SYSTEMS

Crew/Passengers/Evac: See below.

Type 6: 2/6/10

Type 7: 2/6/10

Type 8: 2/6/10

Type 9/9A: 2/6/10

Type 10: 4/12/20

Type 15/15A: 2/4/10

Type 16: 2/4/10

Type 18 Shuttlepod: 2/4/10

Crew Quarters: None for any type

ENVIRONMENTAL SYSTEMS

Basic Life Support [4 Power/round] 8

Reserve Life Support [2 Power/round] 4

Emergency Life Support (no emergency shelters) 4

Gravity [1 Power/round] 2

Consumables: 1 week's worth 1

Replicator Systems: Usually none; at most, one food replicator 1

Medical Facilities: 1 (+0) [1 Power/round] 5

Recreation Facilities: None

Personnel Transport: Jefferies tubes at the most 2

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: See below (all 1 Power/.2 warp speed) 30

Type 6:

Type 1 (1.25/1.25/1.25) (Standard);

Type 1A downgraded (1.2/2.0/2.0) (Upated)

Type 7:

Type 1 upated (1.25/1.5/1.75) (Standard);

Type 1A downgraded (1.2/2.0/2.0) (Upated)

Type 8:

Type 1A (1.2/2.0/3.0)

Type 9/9A:

Type 1A downgraded (1.2/2.0/2.0) (Standard)

Type 1A upated (1.2/2.0/4.0) (Upated)

Type 10:

Type 1B (1.5/3.0/5.0)

Type 15/15A Shuttlepod: None

Type 16 Shuttlepod: None

Type 18 Shuttlepod: None

PIS: Type J (up to 48 hours of Maximum warp) 20

IMPULSE ENGINE

Type: Class 2 (.5c/.5c) [5/5 Power/round] 10

Location: Varies; typically aft port and starboard

Reaction Control System (.025c) [2 Power/round when in use] 2

POWER SYSTEMS

WARP ENGINE

Type: Typically Type 2/B (generates 149 Power/round) 35

Location: Aft

Impulse Engine[s]: 1 Class 2 (generate 16 Power/engine/round)

Auxiliary Power: 1 reactor (generates 5 Power/round) 3

Emergency Power: Type A (generates 25 Power/round) 25

EPS: Standard Power flow, +100 Power transfer/round 20

Standard Usable Power: 165

OPERATIONS SYSTEMS

Bridge: Forward 10

COMPUTERS

Core 1: Amidships [5 Power/round] 4

ODN 6

Navigational Deflector [5 Power/round] 8

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round]
 Range Package: Type 2 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.5/3.6-5.0)
 Low Resolution: 12 light-years (1/1.1-3.0/3.1-8.0/8.1-12)
 Strength Package: Class 5 (Strength 5)
 Gain Package: Standard (+0)
 Coverage: Standard

Lateral Sensors [5 Power/round]
 Strength Package: Class 5 (Strength 5)
 Gain Package: Standard (+0)
 Coverage: Standard

Navigational Sensors: [5 Power/round]
 Strength Package: Class 5 (Strength 5)
 Gain Package: Standard (+0)
 Probes: None

Sensors Skill: 2**FLIGHT CONTROL SYSTEMS**

Autopilot: Shipboard Systems (Flight Control) 2, Coordination 1
 [1 Power/round in use]

Navigational Computer
 Main: Class 1 (+0) [0 Power/round]
 Backups: 1

Inertial Damping Field
 Main
 Strength: 2 (or higher, if necessary) [3 Power/round]
 Number: 2

Backup
 Strength: 1 [2 Power/round]
 Number: 2

Attitude Control [1 Power/round]

COMMUNICATIONS SYSTEMS

Type: Class 5 [2 Power/round]
 Strength: 5
 Security: -2

TRACTOR BEAMS

Emitter: Class Alpha [3 Power/Strength used/round]
 Accuracy: 5/6/8/11
 Location: Forward

Emitter: Class Alpha [3 Power/Strength used/round]
 Accuracy: 5/6/8/11
 Location: Aft

TRANSPORTERS

Type: Personnel [3 Power/use]
 Pads: 2
 Emitter/Receiver Array: Personnel Type 4 (30,000 km range)
 Energizing/Transition Coils: Class E (Strength 5)
 Number and Location: Aft of cockpit (bridge)

Cloaking Device: None**SECURITY SYSTEMS**

Rating: N/A
 Anti-Intruder System: Yes [1 Power/round]
 Internal Force Fields [1 Power/3 Strength]

SCIENCE SYSTEMS

Rating 1 (+0) [1 Power/round]
 Specialized Systems: None
 Laboratories: None

TACTICAL SYSTEMS

18 **Phaser Arrays** **34**
 All shuttlecraft phaser systems are Accuracy 5/6/8/11, range 10/30,000/100,000/300,000, Firing Modes all

10 Type 6: Up-rated versions have two Type IV 40-emitter arrays (80 damage, 1 shot per round), one on the forward end of each warp nacelle (360 degrees port and starboard)

10 Type 7: Up-rated versions have two Type V 40-emitter arrays (100 damage, 1 shot per round), one forward, one aft (360 degree firing arc in each direction)

10 Type 9/9A: Up-rated versions have two Type V 40-emitter arrays (100 damage, 1 shot per round), one forward, one aft (360 degree firing arc in each direction)

10 Type 10: One Type VI 40-emitter array forward (120 damage, 1 shot per round, 360 degree forward firing arc), two Type VI 50-emitter arrays port and starboard (120 damage, 1 shot per round, 360 degree port and starboard firing arc); microtorpedo launcher (1/100/500/2000 range, 1 Power per shot, carries 200 microtorpedoes, forward firing arc)

7 Type 15/15A: Two Type IV 40-emitter arrays (80 damage, 1 shot per round), one forward, one aft (360 degrees firing arc in each direction)

0 Type 16: Two Type IV 40-emitter arrays (80 damage, 1 shot per round), one forward, one aft (360 degrees firing arc in each direction)

8 Others: Generally unarmed; may be equipped with Type 6 or Type 7 shuttle armament

Torpedoes**11**

Type 6, 7, and 10 shuttles carry 1-3 Type II photon torpedoes which they can launch forward with a range of 10/100/1000/5000 and an Accuracy of 5/6/8/11. Other shuttles can be outfitted with torpedoes, but usually do not carry them.

TA/T/TS: Class Alpha [0 Power/round]**6**

Strength: 7
 Bonus: +0

Weapons Skill: 2**Shields (Forward, Aft, Port, Starboard)****12 (x4)**

Shield Generator: Class 1 (Protection 120)
 [12 Power/shield/round]
 Shield Grid: Type C (50% increase to 180 Protection)
 Subspace Field Distortion Amplifiers: Class Alpha (Threshold 40)
 Recharging System: Class 1 (45 seconds)
 Backup Shield Generators: 4 (1 per shield)

Auto-Destruct System**2****AUXILIARY SPACECRAFT SYSTEMS****None****DESCRIPTION AND NOTES**

Fleet data: This Starship Template represents any one of several varieties of shuttlecraft and shuttlepods used by Starfleet. Most large ships carry at least one or two of these vessels for away missions when transporters cannot be used and similar situations. Narrators should feel free to vary the information in the template slightly from one shuttle model to another; some may be a little faster or better armed or better

powered than others. (Note: the listed SU cost for the shuttle assumes the best system of any of the types listed for the various models of shuttlecraft; individual shuttles' total SU costs are less.)

For logistical purposes, Starfleet organizes its shuttlecraft into classes. Class 1 represents the smallest, least well equipped versions, including Types 1-5 and any shuttlepod. Class 2 includes shuttles slightly better equipped than that, such as Types 6-9. Class 3 shuttles are the largest, best-equipped ones, including Types 10-14.

This Starship Template can also be used to represent the captains' yachts carried by various large starships, such as the *U.S.S. Enterprise-D's Calypso* and the *U.S.S. Enterprise-E's Cousteau*. Captains' yachts tend to be slightly larger than the largest shuttles, and are always more luxuriously appointed.

BORG CUBE

Class and Type: Borg Cube
Commissioning Date: Unknown

HULL SYSTEMS

Size: 16

Length: 5 kilometers
 Beam: 5 kilometers
 Height: 5 kilometers
 Decks: 1,100 (est.)
 Mass: 21,000,000 metric tonnes (est.)
 SUs Available: 11,000
 SUs Used: 10,797

HULL

Outer 64
 Inner 64

RESISTANCE

Outer Hull: 10 12
 Inner Hull: 10 12
 Borg Ship Regeneration 160
 Ablative Armor: 1500 300

STRUCTURAL INTEGRITY FIELD

Main: Class 10 (Protection 100/150)
 [1 Power/10 Protection/round] 55
 Backup: Class 10 (Protection 50)
 [1 Power/10 Protection/round] 28
 Backup: Class 10 (Protection 50)
 [1 Power/10 Protection/round] 28

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 64,000/0/137,500

CREW QUARTERS

Regeneration Alcoves: 64,000 (100 per 1 SU) 640

ENVIRONMENTAL SYSTEMS

Basic Life Support [16 Power/round] 64
 Reserve Life Support [8 Power/round] 32
 Emergency Life Support (96 emergency shelters) 32
 Gravity [8 Power/round] 16
 Consumables: 3 years' worth 48
 Food Replicators [16 Power/round] 16
 Industrial Replicators 66
 Type: Three networks of small replicators [2 Power/round]
 Type: 6 large units [2 Power/replicator/round]
 Medical Facilities: 5 (+1) [5 Power/round] 25
 Recreation Facilities: None
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 48
 Fire Suppression System [1 Power/round when active] 16
 Cargo Holds: 1,000,000 cubic meters 30
 Locations: 50 locations throughout the ship
 Escape Pods: None

PROPULSION SYSTEMS

Transwarp Drive [240 Power/round] 240

IMPULSE ENGINE

Type: Class 8 (.75c/.95c) [7/9 Power/round] 200
 Location: Five throughout interior
 Reaction Control System (.025c) [2 Power/round when in use] 16

POWER SYSTEMS

WARP ENGINE

Type: 6 Class 10/P (generate 549 Power/engine/round) 690
 Location: Interior
 Impulse Engine[s]: 5 Class 8 (generates 64 Power/round)
 Auxiliary Power: 20 reactors (generate 5 Power/reactor/round) 60
 Emergency Power: Type F (generates 50 Power/round) 50
 EPS: Standard Power flow, +800 Power transfer/round 160

Standard Usable Power: 3,764

OPERATIONS SYSTEMS

Bridge: None

COMPUTERS (BIO-NEURAL)

Eight core computers located throughout the interior of the ship
 [5 Power/round] 384
 Upgrading: Class Gamma (+3) [3 Power/computer/round] 64
 ODN 48

Navigation Deflector [5 Power/round] 64

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Exterior

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 88
 Range Package: Type 8 (Accuracy 3/4/7/10)
 High Resolution: 6 light-years (.5/.6-1.0/1.1-4.5/4.6-6.0)
 Low Resolution: 18 light-years (1/1.1-6.5/6.6-13.5/13.6-18)
 Strength Package: Class 10 (Strength 10)
 Gain Package: Class Gamma (+3)
 Coverage: +8000 substances/phenomena
 Lateral Sensors [5 Power/round] 56
 Strength Package: Class 10 (Strength 10)
 Gain Package: Class Gamma (+3)
 Coverage: +8000 substances/phenomena
 Navigational Sensors: [5 Power/round] 28
 Strength Package: Class 10 (Strength 10)
 Gain Package: Class Gamma (+3)
 Probes: 500 50

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 4
 [1 Power/round in use] 16
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: Two additional full-effect navigational computers 8

Inertial Damping Field			
Main	192		
Strength: 10 [3 Power/round]			
Number: 6			
Backup	48		
Strength: 5 [2 Power/round]			
Number: 6			
Attitude Control [4 Power/round]	4		
COMMUNICATIONS SYSTEMS			
Type: Central Plexus (Class 10) [2 Power/round]	26		
Strength: 10			
Security: -5			
Basic Upgrading: Class Beta (+2)			
Emergency Communications: Yes [2 Power/round]	1		
TRACTOR BEAMS			
Emitter: Class Delta [3 Power/Strength used/round]	288		
Accuracy: 4/5/7/10			
Location: Four tractor beams per cube side			
TRANSPORTERS			
Type: Personnel [7 Power/use]	460		
Pads: 6			
Emitter/Receiver Array: Personnel Type 10 (100,000 km range)			
Energizing/Transition Coils: Class J (Strength 10)			
Number and Location: 20 throughout the ship			
Type: Emergency [12 Power/use]	500		
Pads: 40			
Emitter/Receiver Array: Emergency Type 5 (25,000 km range)			
Energizing/Transition Coils: Class J (Strength 10)			
Number and Location: 20 throughout the ship			
Type: Cargo [8 Power/use]	190		
Pads: 800 kg			
Emitter/Receiver Array: Cargo Type 5 (160,000 km range)			
Energizing/Transition Coils: Class J (Strength 10)			
Number and Location: 10 throughout the ship			
Cloaking Device: None			
SECURITY SYSTEMS			
Rating: 2	8		
Anti-Intruder System: Yes [1 Power/round]	16		
Internal Force Fields [1 Power/3 Strength]	16		
SCIENCE SYSTEMS			
Rating 4 (+3) [5 Power/round]	36		
Specialized Systems: 5	25		
Laboratories: 160	32		
TACTICAL SYSTEMS			
Borg Energy Beam	1392		
Type: Borg Energy Beam (50 SUs each)			
Damage: 250 [25 Power]			
Number of Emitters: Up to 2 shots per round each			
Accuracy: 3/4/6/9			
Range: 10/35,000/150,000/400,000			
Location: 4 beam projectors per cube side			
Firing Arc: 360 degrees for each side			
Firing Modes: Standard, Continuous, Pulse, Wide-Beam			
Borg Cutting Beam		540	
Type: Borg Cutting Beam			
Damage: See <i>Spacedock</i> , pages 68-69 [20 Power]			
Number of Emitters: Up to 1 shot per round each			
Accuracy: 3/4/6/9			
Range: 10/35,000/150,000/400,000			
Location: 3 beam projectors per cube side			
Firing Arc: 360 degrees for each side			
Borg Feedback Pulse Generator		108	
Type: Borg Feedback Pulse Generator			
Damage: See <i>Spacedock</i> , pages 68-69 [30 Power]			
Number of Emitters: Up to 1 shot per round each			
Accuracy: See <i>Spacedock</i> , pages 68-69			
Range: See <i>Spacedock</i> , pages 68-69			
Location: 1 beam projector per cube side			
Firing Arc: See <i>Spacedock</i> , pages 68-69			
Borg Shield Drainer		450	
Type: Borg Shield Drainer			
Damage: See <i>Spacedock</i> , pages 68-69 [20 Power]			
Number of Emitters: Up to 1 shot per round each			
Accuracy: 3/4/6/9			
Range: 10/35,000/150,000/400,000			
Location: 3 beam projectors per cube side			
Firing Arc: 360 degrees for each side			
Torpedo Launcher		540	
Standard Load: Borg torpedo (500 Damage)			
Spread: 12			
Range: 15/400,000/2,000,000/5,000,000			
Targeting System: Accuracy 3/4/6/9			
Power: [20 + 5 per torpedo fired]			
Location: 3 launchers per cube side			
Firing Arc: Self-guided			
Torpedoes Carried: 2000		200	
TA/T/TS: Class Delta [4 Power/round]		15	
Strength: 10			
Bonus: +3			
Weapons Skill: 5			
Shields (Forward, Aft, Port, Starboard)		324 (x4)	
Shield Generator: Class 7 (Protection 1400)			
[140 Power/shield/round]			
Shield Grid: Type C (50% increase to 2100 Protection)			
Subspace Field Distortion Amplifiers: Class Iota (Threshold 450)			
Shield Regeneration System: Class 4 (regenerates 50 Protection per round; shield recharge time of 20 seconds) [1 Power/point regenerated/round]			
Backup Shield Generators: 4 (1 per shield)		16	
Auto-Destruct System		16	
AUXILIARY SPACECRAFT SYSTEMS			
Shuttlebay(s): Capacity for 200 Size worth of ships		400	
Standard Complement: Various small Borg ships			
Location(s): 25 bays throughout ship			
Captain's Yacht: No			

DESCRIPTION AND NOTES

Fleet data: This Starship Template represents a typical large Borg cube (smaller cubes, 3 kilometers on an edge, also exist). Its enormous Power generation systems, numerous powerful weapons, and strong shields make it capable of taking on dozens of Federation ships and destroying all of them. Narrators can adapt this Template for Borg spheres and other ships.

Unlike most other species, the Borg man each and every weapon on one of their ships with one or more drones. Thus, they can fire multiple times at targets without incurring a multiple action penalty.

CA
MI

042 SA IN
89 IN 20
M16 TS 00

CARDASSIAN GALOR CLASS

Class and Type: Cardassian *Galor*-class Battle Cruiser

Commissioning Date: Mid-24th century

HULL SYSTEMS

SIZE: 6

Length: 371.88 meters
 Beam: 192.23 meters
 Height: 59.00 meters
 Decks: 13 decks
 Mass: 1,678,000 metric tonnes
 SUs Available: 2,500
 SUs Used: 2,403

HULL

Outer 24
 Inner 24

RESISTANCE

Outer Hull: 8 9
 Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120) [1 Power/10 Protection/round] 30
 Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 15
 Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 15

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 300/485/5,600

CREW QUARTERS

Spartan: 100 5
 Basic: 400 40
 Expanded: 100 20
 Luxury: 40 40
 Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 24
 Reserve Life Support [6 Power/round] 12
 Emergency Life Support (36 emergency shelters) 12
 Gravity [3 Power/round] 6
 Consumables: 2 years' worth 12
 Food Replicators [6 Power/round] 6
 Industrial Replicators 9
 Type: Network of small replicators [2 Power/round]
 Type: 1 large unit [2 Power/replicator/round]
 Medical Facilities: 6 (+1) [6 Power/round] 30
 Recreation Facilities: 4 [8 Power/round] 32
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 18
 Fire Suppression System [1 Power/round when active] 6
 Cargo Holds: 166,000 cubic meters 5
 Locations: 15 locations throughout the ship
 Escape Pods 8
 Number: 140
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5D6 73
 Speed: 4.9/8.3/9.5 [1 Power/.2 warp speed]
 PIS: Type C (6 hours of Maximum warp) 6
 Uprating: Package 1 for Standard, Sustainable, and Maximum 6
 Special Configuration: Embedded 24

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 15
 Location: Aft bridge module

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 15
 Location: Forward wings

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 15
 Location: Aft

Reaction Control System (.025c) [2 Power/round when in use] 6

POWER SYSTEMS

WARP ENGINE

Type: Class 9/0 (generates 475 Power/round) 103
 Location: Engineering amidships

Impulse Engine[s]: 3 Class 3A (generate 28 Power/engine/round)

Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12

Emergency Power: Type D (generates 40 Power/round) 40

EPS: Standard Power flow, +200 Power transfer/round 50

Standard Usable Power: 559

OPERATIONS SYSTEMS

Bridge: Command hull (forward dorsal) 30

COMPUTERS

Core 1: Forward wing section [5 Power/round] 12

Core 2: Aft wing section [5 Power/round] 12

ODN 18

Navigational Deflector [5 Power/round] 24

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Forward ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 48

Range Package: Type 7 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/6-1.0/1.1-3.8/3.9-5.0)

Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)

Strength Package: Class 7 (Strength 7)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 20

Strength Package: Class 7 (Strength 7)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 18

Strength Package: Class 7 (Strength 7)

Gain Package: Class Beta (+2)

Probes: 60 6

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Sensors Skill: 4**FLIGHT CONTROL SYSTEMS**

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 1 [1 Power/round in use]	10
Navigation Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 2	2
Inertial Damping Field	
Main	36
Strength: 9 [3 Power/round]	
Number: 3	
Backup	9
Strength: 6 [2 Power/round]	
Number: 3	
Attitude Control [2 Power/round]	2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	21
Strength: 8	
Security: -4 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	

TRANSPORTERS

Type: Personnel [5 Power/use]	32
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Forward wing section, aft wing section	
Type: Emergency [5 Power/use]	56
Pads: 16	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in forward wing section, two in aft wing section	
Type: Cargo [4 Power/use]	48
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in forward wing section, two in aft wing section	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	6
Internal Force Fields [1 Power/3 Strength]	6

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round]	16
Specialized Systems: 1	5
Laboratories: 15	4

TACTICAL SYSTEMS**Aft Disruptor Cannon**

Type: 12	54
Damage: 260 [26 Power]	
Number of Emitters: Up to 5 shots per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Pulse	

Forward Spiral-Wave Disruptor Array (3 disruptors)

Type: 9	126
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per disruptor per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Pulse	

Bridge Starboard Spiral-Wave Disruptor Array

Type: 9	42
Damage: 200 [20 Power]	
Number of Emitters: Up to 2 shots per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard wing of bridge module	
Firing Arc: 360 degrees starboard	
Firing Modes: Standard, Pulse	

Bridge Port Spiral-Wave Disruptor Array

Type: 9	42
Damage: 200 [20 Power]	
Number of Emitters: Up to 2 shots per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Port wing of bridge module	
Firing Arc: 360 degrees port	
Firing Modes: Standard, Pulse	

Wing Forward Spiral-Wave Disruptor Arrays (2)

Type: 9	84
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per disruptor per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: One on starboard wing, one on port wing	
Firing Arc: 360 degrees forward	
Firing Modes: Standard, Pulse	

Wing Aft Spiral-Wave Disruptor Arrays (2)

Type: 9	84
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per disruptor per round	
Targeting System: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: One on starboard wing, one on port wing	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Pulse	

Wing Dorsal Spiral-Wave Disruptor Arrays (2)

Type: 9

Damage: 200 [20 Power]

Number of Emitters: Up to 3 shots per disruptor per round

Targeting System: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: One on starboard wing, one on port wing

Firing Arc: 360 degrees dorsal

Firing Modes: Standard, Pulse

Wing Ventral Spiral-Wave Disruptor Arrays (2)

Type: 9

Damage: 200 [20 Power]

Number of Emitters: Up to 3 shots per disruptor per round

Targeting System: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: One on starboard wing, one on port wing

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Pulse

Aft Dorsal Spiral-Wave Disruptor Array

Type: 9

Damage: 200 [20 Power]

Number of Emitters: Up to 3 shots per round

Targeting System: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Aft dorsal

Firing Arc: 360 degrees dorsal

Firing Modes: Standard, Pulse

Aft Ventral Spiral-Wave Disruptor Array

Type: 9

Damage: 200 [20 Power]

Number of Emitters: Up to 3 shots per round

Targeting System: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Aft ventral

Firing Arc: 360 degrees ventral

Firing Modes: Standard, Pulse

Forward Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward

Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/300,000/1,000,000/3,500,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200**TA/T/TS: Class Beta [1 Power/round]**

Strength: 8

Bonus: +1

Weapons Skill: 4

84

Shields (Forward, Aft, Port, Starboard)

70 (x4)

Shield Generator: Class 4 (Protection 800 + 100 [embedded nacelles])
[80 Power shield//round]

Shield Grid: Type B (33% increase to 1067 Protection)

Subspace Field Distortion Amplifiers: Class Zeta (Threshold 260 + 10
[embedded nacelles])

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield)

8

Auto-Destruct System

6

84

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 40 Size worth of ships**

80

Standard Complement: A mixture of Hideki-class fighters and
shuttlecraft

Location(s): Forward ventral, aft of bridge module

Captain's Yacht: No

42

DESCRIPTION AND NOTES

Fleet data: The *Galor*-class Battle Cruiser, first encountered by the Federation during its conflicts with the Cardassians in the mid-24th century, is the primary fighting vessel of the Cardassian Union. While not as large or powerful as a *Galaxy*-class ship, it does boast an impressive array of spiral-wave disruptors, and can put up more of a fight than its size might initially suggest. (Its relative lack of torpedo launchers remains one of its weaknesses, however.) Starfleet does not possess precise data on many aspects of the specifications and internal configuration of these ships, though it has learned much more during the Dominion War and its aftermath than it had previously.

42

The *Galor*-class Battle Cruiser consists of two roughly half-circle-shaped sections, a small one (the command hull) containing the bridge and a much larger one where most of the ship's primary systems are located, with a long "tail" behind them. The design reminds most humans of a fish or insect of some kind, but to the Cardassians it represents the *galor*, a mythical hooded warrior-figure.

18

18

20

9

FERENGI D'KORA CLASS

Class and Type: *D'Kora-class Cruiser ("Marauder")*

Commissioning Date: Mid-24th century

HULL SYSTEMS

Size: 7

Length: 392.28 meters
 Beam: 308.15 meters
 Height: 88.00 meters
 Decks: 22
 Mass: 2,270,000 metric tonnes
 SUs Available: 2,150
 SUs Used: 2,039

HULL

Outer 28
 Inner 28

RESISTANCE

Outer Hull: 6
 Inner Hull: 6

STRUCTURAL INTEGRITY FIELD

Main: Class 4 (Protection 70/110)
 [1 Power/10 Protection/round] 28
 Backup: Class 4 (Protection 35)
 [1 Power/10 Protection/round] 14
 Backup: Class 4 (Protection 35)
 [1 Power/10 Protection/round] 14

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 450/300/6,250

CREW QUARTERS

Spartan: 200 10
 Basic: 400 40
 Expanded: 120 12
 Luxury: 60 60
 Unusual: 10 10

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
 Reserve Life Support [6 Power/round] 14
 Emergency Life Support (42 emergency shelters) 14
 Gravity [4 Power/round] 7
 Consumables: 2 years' worth 14
 Food Replicators [7 Power/round] 7
 Industrial Replicators 13
 Type: Network of small replicators [2 Power/round]
 Type: 2 large units [2 Power/replicator/round]
 Medical Facilities: 5 (+1) [5 Power/round] 25
 Recreation Facilities: 7 [14 Power/round] 56
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
 Fire Suppression System [1 Power/round when active] 7
 Cargo Holds: 400,000 cubic meters 12
 Locations: Many locations, mainly in the aft of the Engineering section
 Escape Pods 11
 Number: 200
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A2 91
 Speed: 6.0/8.2/9.1 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16
 Upgrading: Packages 1, 3
 (+0.1 for Standard, +0.3 for Sustainable) 8
 Special Configuration: Embedded 28

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
 Location: Engineering aft, port and starboard
 Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 449 Power/round) 95
 Location: Engineering
 Impulse Engine[s]: 1 Class 3A (generate 28 Power/engine/round)
 Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
 Emergency Power: Type D (generates 40 Power/round) 40
 EPS: Standard Power flow, +260 Power transfer/round 61

Standard Usable Power: 477

OPERATIONS SYSTEMS

Bridge: Saucer dorsal 35

COMPUTERS

Core 1: Forward Engineering [5 Power/round] 14
 Core 2: Aft Engineering [5 Power/round] 14
 ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 38
 Range Package: Type 5 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
 Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 18
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 16
 Strength Package: Class 6 (Strength 6)
 Gain Package: Class Beta (+2)
 Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2
 [1 Power/round in use] 11

Navigational Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	18
Strength: 7	
Security: -5 (Class Delta uprating)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward dorsal	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft dorsal	
Emitter: Class Alpha [3 Power/Strength used/round]	3
Accuracy: 5/6/8/11	
Location: Shuttlebay	
TRANSPORTERS	
Type: Personnel [5 Power/use]	64
Pads: 6	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in command hull, three in Engineering section	
Type: Emergency [7 Power/use]	64
Pads: 24	
Emitter/Receiver Array: Emergency Type 3 (15,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in command hull, three in Engineering section	
Type: Cargo [10 Power/use]	72
Pads: 1,600 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Four in Engineering section	
Cloaking Device: None	
SECURITY SYSTEMS	
Rating: 3	12
Anti-Intruder System: Yes [1 Power/round]	7
Internal Force Fields [1 Power/3 Strength]	7
SCIENCE SYSTEMS	
Rating 2 (+1) [2 Power/round]	17
Specialized Systems: None	
Laboratories: 8	2

TACTICAL SYSTEMS

Extended Range: +2 penalties for beam weapon shots beyond Long range negated	6
Upper Weapon Deck Plasma Weapon Array	44
Type: 10	
Damage: 220 [22 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Weapons deck, Engineering dorsal	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Starboard Plasma Weapon Array	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward tip of starboard "wing"	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Port Plasma Weapon Array	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Forward tip of port "wing"	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Neck Concealed Plasma Weapon Array (Starboard)	32
Type: 7	
Damage: 160 [16 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard side of neck, concealed	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Neck Concealed Plasma Weapon Array (Port)	32
Type: 7	
Damage: 160 [16 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Starboard side of neck, concealed	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Upper Weapon Deck Torpedo Launcher	16
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,000,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Weapon deck, Engineering dorsal	
Firing Arc: Forward, but are self-guided	
Torpedoes Carried: 30	3

TA/T/TS: Class Alpha [0 Power/round] 6

Strength: 7

Bonus: +0 (but see text)

Weapons Skill: 3**Shields (Forward, Aft, Port, Starboard)** 68 (x4)Shield Generator: Class 4 (Protection 800 +100 [embedded nacelles])
[80 Power/shield/round]

Shield Grid: Type B (33% increase to 1067 Protection)

Subspace Field Distortion Amplifiers: Class Zeta (Threshold 267 +10
[embedded nacelles])

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 40 Size worth of ships 80

Standard Complement: 20 Ferengi shuttlecraft

Location(s): Forward Engineering, port and starboard of neck

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *D'Kora*-class Cruiser, commonly referred to as a "Marauder" for its frequent use in various raiding missions by unscrupulous captains, is the most common capital vessel in the Ferengi fleets. Physically, it has a crescent moon-shaped Engineering hull (points facing forward) with a triangular cross-section, from which a central "neck" extends outward to hold the bridge section.

An unusual combination of warship and trading vessel, its resources include enormous amounts of cargo space for holding trade goods, strong tractor beams for recovering salvage, and powerful warp engines with embedded nacelles for quick escapes from dissatisfied customers. Its weapons are mainly plasma beam projectors, ranging from a single large one in the "upper weapon deck" (amidships on the forward edge of the Engineering hull), slightly smaller beam arrays on the forward tips of each "wing" of the Engineering hull, and even smaller projectors concealed behind panels on the dorsal side of the ship's neck. It also has one torpedo launcher in the upper weapon deck. The plasma weapons are built for effective firing at longer than normal ranges, thus allowing the Ferengi to get in the first blow and cripple an opponent before he can fire back. Ferengi ships are also good at generating plasma bursts to disrupt a target ship's Power generation capabilities (see *Spacedock*, page 147); the Narrator may wish to grant *D'Kora* crews a +1 Test Result bonus for that tactic to reflect this.

DOMINION ATTACK SHIP

Class and Type: Jem'Hadar Fighter
Commissioning Date: Mid-24th century

HULL SYSTEMS

Size: 3
 Length: 68.32 meters
 Beam: 70.02 meters
 Height: 18.32 meters
 Decks: 3
 Mass: 2,450 metric tonnes
 SUs Available: 1,000
 SUs Used: 945

Hull
 Outer 12
 Inner 12

Resistance
 Outer Hull: 10 12
 Inner Hull: 10 12

Structural Integrity Field
 Main: Class 3 (Protection 60/90) [1 Power/10 Protection/round] 21
 Backup: Class 3 (Protection 30) [1 Power/10 Protection/round] 11
 Backup: Class 3 (Protection 30) [1 Power/10 Protection/round] 11

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 4/12/60
 Crew Quarters: None; Jem'Hadar neither sleep nor eat. Ships equipped for carrying Vorta and Founders will usually have a few quarters of Basic or better quality.

Environmental Systems
 Basic Life Support [4 Power/round] 12
 Reserve Life Support [2 Power/round] 6
 Emergency Life Support (18 emergency shelters) 6
 Gravity [2 Power/round] 3
 Consumables: 1 week's worth 1
 Food Replicators [3 Power/round] 3
 Industrial Replicators 3
 Type: Network of small replicators [2 Power/round]
 Medical Facilities: 4 (+1) [4 Power/round] 20
 Recreation Facilities: None
 Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 9
 Fire Suppression System [1 Power/round when active] 3
 Cargo Holds: 5,000 cubic meters 1
 Locations: Ventral
 Escape Pods 2
 Number: 10
 Capacity: 8 persons per pod

PROPULSION SYSTEMS

Warp Drive
 Nacelles: Type 5C6 68
 Speed: 5.0/8.0/9.6 [1 Power/.2 warp speed]
 PIS: Type H (12 hours of Maximum warp) 16

Impulse Engine
 Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
 Acceleration Upgrading: Class Alpha (66% acceleration) [1 Power/round when active] 2
 Location: Aft
 Reaction Control System (.025c) [2 Power/round when in use] 3

POWER SYSTEMS

Warp Engine
 Type: Class 4/G (generates 245 Power/round) 55
 Location: Engineering hull
 Impulse Engine[s]: 1 Class 7 (generate 56 Power/engine/round)
 Auxiliary Power: 2 reactors (generate 5 Power/reactor/round) 6
 Emergency Power: Type B (generates 30 Power/round) 30
 EPS: Standard Power flow, +150 Power transfer/round 30

Standard Usable Power: 301

OPERATIONS SYSTEMS

Bridge: Forward 15

Computers
 Core 1: Forward [5 Power/round] 6
 ODN 9

Navigational Deflector [5 Power/round] 12
 Range: 10/20,000/50,000/150,000
 Accuracy: 5/6/8/11
 Location: Ventral

Sensor Systems
 Long-range Sensors [5 Power/round] 34
 Range Package: Type 3 (Accuracy 3/4/7/10)
 High Resolution: 5 light-years (.5/.6-1.0/1.1-3.5/3.6-5.0)
 Low Resolution: 13 light-years (1/1.1-3.5/3.6-9.0/9.1-13)
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Lateral Sensors [5 Power/round] 22
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 18
 Strength Package: Class 8 (Strength 8)
 Gain Package: Class Alpha (+1)
 Probes: 20 2

Sensors Skill: 3

Flight Control Systems
 Autopilot: Shipboard Systems (Flight Control) 3, Coordination 3 [1 Power/round in use] 12
 Navigational Computer
 Main: Class 2 (+1) [1 Power/round] 2
 Backups: 2 2

74206
 74856
 NX 01A

RI
 SA
 AC
 S1

Inertial Damping Field	
Main	12
Strength: 9 [3 Power/round]	
Number: 2	
Backup	4
Strength: 6 [2 Power/round]	
Number: 2	
Attitude Control [1 Power/round]	1

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round]	26
Strength: 8	
Security: -5 (Class Delta uprating)	
Basic Uprating: Class Beta (+2)	

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	

TRANSPORTERS

Type: Personnel [9 Power/use]	50
Pads: 6	
Emitter/Receiver Array: Personnel Type 15 (3 light-year range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One forward, one in Engineering hull	
Type: Emergency [4 Power/use]	30
Pads: 8	
Emitter/Receiver Array: Emergency Type 5 (25,000 km range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: One forward, one in Engineering hull	
Type: Cargo [9 Power/use]	21
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 11 (3 light-year range)	
Energizing/Transition Coils: Class H (Strength 8)	
Number and Location: Forward	

Cloaking Device: None**SECURITY SYSTEMS**

Rating: 5	20
Anti-Intruder System: Yes [1 Power/round]	3
Internal Force Fields [1 Power/3 Strength]	3

SCIENCE SYSTEMS

Rating 1 (+0) [1 Power/round]	8
Specialized Systems: None	
Laboratories: None	

TACTICAL SYSTEMS

Forward Dorsal Polaron Beam Array	44
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Forward dorsal	
Firing Arc: 405 degrees dorsal	
Firing Modes: Standard, Pulse	

Forward Ventral Polaron Beam Array	44
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Forward ventral	
Firing Arc: 360 degrees ventral	
Firing Modes: Standard, Pulse	

Aft Polaron Beam Array	44
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Targeting System: Accuracy 3/4/6/9	
Range: 10/30,000/100,000/300,000	
Location: Aft	
Firing Arc: 360 degrees aft	
Firing Modes: Standard, Pulse	

TA/T/TS: Class Beta [1 Power/round]	9
Strength: 8	
Bonus: +1	

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard)	17 (x4)
Shield Generator: Class 2 (Protection 250)	
[25 Power/shield/round]	
Shield Grid: Type B (33% increase to 333 Protection)	
Subspace Field Distortion Amplifiers: Class Beta (Threshold 80)	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	4

Auto-Destruct System 3**AUXILIARY SPACECRAFT SYSTEMS: NONE****DESCRIPTION AND NOTES**

Fleet data: This ship is the primary fighter used by the Dominion's genetically engineered super-soldiers, the Jem'Hadar. Equipped with powerful engines, it is a fast, maneuverable ship. It mounts three polaron beam arrays, and can carry some additional weapons if necessary (some, for example, are equipped with a forward torpedo launcher which fires the equivalent of Type II photon torpedoes). Its shield prevent Starfleet vessels from locking tractor beams on it.

Jem'Hadar Attack Ships have a very weak dorsal field junction (located aft dorsal). If successfully targeted using the standard rules for hitting a shield junction (*Spacedock*, page 135), the attack ignores the ship's shields entirely and inflicts double damage.

In addition to its general use as a fighter, the Jem'Hadar Attack Ship also acts as a small troop carrier. It has a large access port on its ventral side for onloading and offloading Jem'Hadar soldiers.

DOMINION BATTLE CRUISER

Class and Type: Jem'Hadar Battle Cruiser

Commissioning Date: Mid-24th century

Escape Pods 5
Number: 100
Capacity: 4 persons per pod

HULL SYSTEMS

SIZE: 8

Length: 639.75 meters
Beam: 568.44 meters
Height: 204.97 meters
Decks: 45
Mass: 4,750,000 metric tonnes
SUs Available: 3,100
SUs Used: 2,998

HULL

Outer 32
Inner 32

RESISTANCE

Outer Hull: 10 12
Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 7 (Protection 100/150)
[1 Power/10 Protection/round] 38
Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 19
Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 19

**Specialized Hull: Atmospheric Capability;
Planetfall Capability** 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 2,500/3,000/18,500

CREW QUARTERS

Spartan: None
Basic: 300 30
Expanded: 100 20
Luxury: 30 30
Unusual: 5 5

ENVIRONMENTAL SYSTEMS

Basic Life Support [13 Power/round] 32
Reserve Life Support [6 Power/round] 16
Emergency Life Support (48 emergency shelters) 16
Gravity [4 Power/round] 8
Consumables: 3 years' worth 24
Food Replicators [8 Power/round] 8
Industrial Replicators 20
Type: Network of small replicators [2 Power/round]
Type: 4 large units [2 Power/replicator/round]
Medical Facilities: 4 (+1) [4 Power/round] 20
Recreation Facilities: 1 [2 Power/round] 8
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 24
Fire Suppression System [1 Power/round when active] 8
Cargo Holds: 200,000 cubic meters 6
Locations: Aft ventral, 10 other locations throughout ship

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D 105
Speed: 6.0/9.2/9.6 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
Location: Aft

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
Location: Aft, port and starboard

IMPULSE ENGINE

Type: Class 7 (.75c/.92c) [7/9 Power/round] 35
Location: Port and starboard pylons
Reaction Control System (.025c) [2 Power/round when in use] 8

POWER SYSTEMS

WARP ENGINE

Type: Class 13/S (generates 699 Power/round) 145
Location: Engineering section
Impulse Engine[s]: 3 Class 7 (generate 56 Power/engine/round)
Auxiliary Power: 6 reactors (generate 5 Power/reactor/round) 18
Emergency Power: Type F (generates 50 Power/round) 50
EPS: Standard Power flow, +400 Power transfer/round 80

Standard Usable Power: 867

OPERATIONS SYSTEMS

Bridge: Dorsal 40
Auxiliary Control Room: Battle bridge, Engineering 24

COMPUTERS

Core 1: Forward, port [5 Power/round] 16
Core 2: Forward, starboard [5 Power/round] 16
Core 3: Engineering [5 Power/round] 16
Upgrading: Class Beta (+2) [2 Power/computer/round] 12
ODN 24

Navigational Deflector [5 Power/round] 40

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Dorsal

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 44
Range Package: Type 7 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.8/3.9-5.0)
Low Resolution: 17 light-years (1/1.1-6.0/6.1-13.0/13.1-17)
Strength Package: Class 10 (Strength 10)
Gain Package: Class Beta (+2)
Coverage: Standard

Lateral Sensors [5 Power/round] 16
 Strength Package: Class 10 (Strength 10)
 Gain Package: Class Beta (+2)
 Coverage: Standard
 Navigational Sensors: [5 Power/round] 14
 Strength Package: Class 10 (Strength 10)
 Gain Package: Class Beta (+2)
 Probes: 60 6

Sensors Skill: 5

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 4, Coordination 2 [1 Power/round in use] 14
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: Two full-strength navigational computers 8
 Inertial Damping Field
 Main 80
 Strength: 9 [3 Power/round]
 Number: 5
 Backup 20
 Strength: 6 [2 Power/round]
 Number: 5
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 10 [2 Power/round] 30
 Strength: 10
 Security: -7 (Class Delta uprating)
 Basic Uprating: Class Beta (+2)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward ventral
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 3
 Accuracy: 5/6/8/11
 Location: Shuttlebay

TRANSPORTERS

Type: Personnel [9 Power/use] 240
 Pads: 6
 Emitter/Receiver Array: Personnel Type 15 (3 light-year range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Eight throughout ship
 Type: Emergency [7 Power/use] 92
 Pads: 20
 Emitter/Receiver Array: Emergency Type 5 (25,000 km range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Four throughout ship
 Type: Cargo [9 Power/use] 104
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 11 (3 light-year range)
 Energizing/Transition Coils: Class H (Strength 8)
 Number and Location: Four throughout ship

Cloaking Device: None

SECURITY SYSTEMS

Rating: 5 20
 Anti-Intruder System: Yes [1 Power/round] 8
 Internal Force Fields [1 Power/3 Strength] 8

SCIENCE SYSTEMS

Rating 2 (+1) [2 Power/round] 18
 Specialized Systems: 2 10
 Laboratories: 24 6

TACTICAL SYSTEMS

Forward Dorsal Polaron Array 55

Type: 12
 Damage: 260 [26 Power]
 Number of Emitters: Up to 5 shots per round
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Forward dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Pulse

Forward Ventral Polaron Array 55

Type: 12
 Damage: 260 [26 Power]
 Number of Emitters: Up to 5 shots per round
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Forward ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Pulse

Aft Dorsal Polaron Array 55

Type: 12
 Damage: 260 [26 Power]
 Number of Emitters: Up to 5 shots per round
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Aft dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Pulse

Aft Ventral Polaron Array 55

Type: 12
 Damage: 260 [26 Power]
 Number of Emitters: Up to 5 shots per round
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Aft ventral
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Pulse

Starboard Pylon Polaron Array 55

Type: 12
 Damage: 260 [26 Power]
 Number of Emitters: Up to 5 shots per round
 Auto-Phaser Interlock: Accuracy 3/4/6/9
 Range: 10/30,000/100,000/300,000
 Location: Starboard pylon dorsal
 Firing Arc: 210 degrees starboard
 Firing Modes: Standard, Pulse

Port Pylon Polaron Array

Type: 12

Damage: 260 [26 Power]

Number of Emitters: Up to 5 shots per round

Auto-Phaser Interlock: Accuracy 3/4/6/9

Range: 10/30,000/100,000/300,000

Location: Port pylon dorsal

Firing Arc: 210 degrees port

Firing Modes: Standard, Pulse

55

Forward Dorsal Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 3/4/6/9

Power: [20 + 5 per torpedo fired]

Location: Forward dorsal

Firing Arc: Forward, but are self-guided

19

Forward Ventral Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 3/4/6/9

Power: [20 + 5 per torpedo fired]

Location: Forward ventral

Firing Arc: Forward, but are self-guided

19

Aft Torpedo Launcher

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 3/4/6/9

Power: [20 + 5 per torpedo fired]

Location: Aft ventral

Firing Arc: Aft, but are self-guided

19

Torpedoes Carried: 300

30

TA/T/TS: Class Gamma [2 Power/round]

12

Strength: 9

Bonus: +2

Weapons Skill: 5**Shields (Forward, Aft, Port, Starboard)**

126 (x4)

Shield Generator: Class 7 (Protection 1300)

[130 Power/shield/round]

Shield Grid: Type C (50% increase to 1950 Protection)

Subspace Field Distortion Amplifiers: Class Iota (Threshold 430)

Recharging System: Class 2 (40 seconds)

Backup Shield Generators: 4 (1 per shield)

8

Auto-Destruct System

8

AUXILIARY SPACECRAFT SYSTEMS**Shuttlebay(s): Capacity for 45 Size worth of ships**

90

Standard Complement: 15 Jem'Hadar Attack Ships

Location(s): Aft, forward dorsal, three other locations

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: The primary capital ship of the Dominion, the Jem'Hadar Battle Cruiser is as large as a *Galaxy*-class Explorer. It features an

impressive array of weapons, extremely strong shields, and technology often far in advance of comparable Federation systems. For example, its transporters have a much longer range (up to three light-years), and its weapons and transporters could, until 2373, effortlessly penetrate Starfleet shields.

Most unusually for a ship of its size, the Jem'Hadar Battle Cruiser can enter atmospheres and land on planets using its ventral impeller. This provides it a tactical option most ships its size lack.

In addition to its role as an offensive platform and tool of the Dominion's intimidation policy, the Battle Cruiser also functions as a carrier. Its large shuttlebay holds up to 15 Jem'Hadar Attack Ships.

KLINGON B'REL CLASS

Class and Type: *B'rel*-class Light Warship

Commissioning Date: Mid 24th-century

HULL SYSTEMS

Size: 4

Length: 157.76 meters
Beam: 181.54 meters
Height: 98.54 meters
Decks: 5
Mass: 236,000 metric tonnes
SUs Available: 1,075
SUs Used: 1,007

HULL

Outer 16
Inner 16

RESISTANCE

Outer Hull: 8 9
Inner Hull: 8 9

STRUCTURAL INTEGRITY FIELD

Main: Class 3 (Protection 60/90) 22
[1 Power/10 Protection/round]
Backup: Class 3 (Protection 30) 11
[1 Power/10 Protection/round]
Backup: Class 3 (Protection 30) 11
[1 Power/10 Protection/round]

**Specialized Hull: Atmospheric Capability;
Planetfall Capability** 8

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 12/28/350

CREW QUARTERS

Spartan: 25 2
Basic: 10 1
Expanded: None
Luxury: None
Unusual: None
Environmental Systems
Basic Life Support [7 Power/round] 16
Reserve Life Support [4 Power/round] 8
Emergency Life Support (24 emergency shelters) 8
Gravity [2 Power/round] 4
Consumables: 1 year's worth 4
Food Replicators [4 Power/round] 4
Industrial Replicators 4
Type: Network of small replicators [2 Power/round]
Medical Facilities: 2 (+0) [2 Power/round] 10
Recreation Facilities: 3 [6 Power/round] 24
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 12
Fire Suppression System [1 Power/round when active] 4
Cargo Holds: 9,000 cubic meters 1
Locations: Dorsal amidships
Escape Pods 5
Number: 100
Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6B6 98
Speed: 6.0/8.5/9.6 [1 Power/.2 warp speed]
PIS: Type C (6 hours of Maximum warp) 6
Downgrading: -0.1 Sustainable speed -1
Special Configuration: Embedded 16

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Aft

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Acceleration Upgrading: Class Alpha (66% acceleration)
[1 Power/round when active] 2
Location: Aft
Reaction Control System (.025c) [2 Power/round when in use] 4

POWER SYSTEMS

WARP ENGINE

Type: Class 4/G (generates 245 Power/round) 55
Location: Aft amidships
Impulse Engine[s]: 2 Class 3A (generate 28 Power/engine/round)
Auxiliary Power: 3 reactors (generate 5 Power/reactor/round) 9
Emergency Power: Type C (generates 35 Power/round) 35
EPS: Standard Power flow, +150 Power transfer/round 35

Standard Usable Power: 301

OPERATIONS SYSTEMS

Bridge: Command hull dorsal 20

COMPUTERS

Core 1: Engineering ventral [5 Power/round] 8
ODN 12

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 16
Accuracy: 5/6/8/11
Location: Engineering ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 23
Range Package: Type 2 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.5/3.6-5.0)
Low Resolution: 12 light-years (1/1.1-3.0/3.1-8.0/8.1-12)
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Coverage: Standard
Lateral Sensors [5 Power/round] 15
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Coverage: Standard
Navigational Sensors: [5 Power/round] 14
Strength Package: Class 6 (Strength 6)
Gain Package: Class Alpha (+1)
Probes: 20 2

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigational Computer 2

Main: Class 2 (+1) [1 Power/round] 2

Backups: 2 2

Inertial Damping Field 24

Main 24

Strength: 9 [3 Power/round]

Number: 3

Backup 6

Strength: 6 [2 Power/round]

Number: 3

Attitude Control [1 Power/round] 1

COMMUNICATIONS SYSTEMS 14

Type: Class 6 [2 Power/round] 14

Strength: 6

Security: -3 (Class Gamma uprating)

Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Gamma [3 Power/Strength used/round] 9

Accuracy: 4/5/7/10

Location: Forward ventral

Emitter: Class Gamma [3 Power/Strength used/round] 9

Accuracy: 4/5/7/10

Location: Aft ventral

TRANSPORTERS

Type: Personnel [4 Power/use] 15

Pads: 4

Emitter/Receiver Array: Personnel Type 6 (40,000 km range)

Energizing/Transition Coils: Class G (Strength 7)

Number and Location: One in Engineering section

Type: Cargo [4 Power/use] 12

Pads: 400 kg

Emitter/Receiver Array: Cargo Type 3 (40,000 km range)

Energizing/Transition Coils: Class G (Strength 7)

Number and Location: One in Engineering section

Cloaking Device: Class 7 [40 Power/class/round] 25

SECURITY SYSTEMS

Rating: 4 16

Anti-Intruder System: Yes [1 Power/round] 4

Internal Force Fields [1 Power/3 Strength] 4

SCIENCE SYSTEMS

Rating 1 (+0) [1 Power/round] 9

Specialized Systems: None 2

Laboratories: 3

TACTICAL SYSTEMS

Starboard Disruptor Cannon 32

Type: 7

Damage: 160 [16 Power]

Number of Emitters: Up to 3 shots per round

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Tip of starboard "wing"

Firing Arc: 180 degrees forward

Firing Modes: Standard, Pulse

Port Disruptor Cannon 32

Type: 7

Damage: 160 [16 Power]

Number of Emitters: Up to 3 shots per round

Auto-Phaser Interlock: Accuracy 4/5/7/10

Range: 10/30,000/100,000/300,000

Location: Tip of port "wing"

Firing Arc: 180 degrees forward

Firing Modes: Standard, Pulse

Forward Torpedo Launcher 16

Standard Load: Type II photon torpedo (200 Damage)

Spread: 6

Range: 15/300,000/1,000,000/3,000,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward, ventral of command section

Firing Arc: Forward, but are self-guided

Torpedoes Carried: 100 10

TA/T/TS: Class Beta [1 Power/round] 9

Strength: 8

Bonus: +1

Weapons Skill: 4

Shields (Forward, Aft, Port, Starboard) 29 (x4)

Shield Generator: Class 3 (Protection 560 + 100 [embedded nacelles]) [56 Power/round]

Shield Grid: Type C (50% increase to 840 Protection)

Subspace Field Distortion Amplifiers: Class Delta (Threshold 180 + 10 [embedded nacelles])

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 4

Auto-Destruct System 4

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 6 Size worth of ships 12

Standard Complement: 3 shuttlecraft

Location(s): Aft dorsal Engineering

Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: The *B'rel*-class Light Warship, or "bird of prey" as it is most often known, is one of the main vessels of the Imperial Klingon Defense Forces and various Great House military forces of the Klingon Empire. Fast and agile, it possesses atmospheric and planetfall capabilities, making it ideally suited for many different types of assaults, raids, escort, and scouting or patrol missions.

The *B'rel's* main weapons are two Type V disruptor cannons, one mounted at the tip of each "wing" (unlike most ships, which mount the warp nacelles at the ends of pylons, the *B'rel* embeds them partly within its Engineering hull in the center of its aft region). The cannons can swivel within a 270-degree arc, giving the ship a fairly broad field of fire even when it

cannot move. The *B'rel* mounts a single photon torpedo launcher on the forward ventral side of the command module. To maximize the *B'rel's* offensive capacity, its commanders often fire the two disruptor cannons in tandem (*i.e.*, as a Multifire attack). Its greatest tactical weakness is that all of its weapons face forward, with limited arcs of fire. It cannot fire at opponents behind it or to its side, it can only attack targets almost directly in front of it.

The *B'rel* has three flight modes: landing (wings fully raised); flight (wings held at mid-point); and attack (wings fully descended). However, these are only preferred operating modes, not technological limitations; the ship can attack, cruise, or enter an atmosphere in any mode.

Most *B'rel*-class Light Warships have crews of about 12. However, in wartime or when conflict is expected, the "passengers" are actually fellow soldiers who function as additional crew, giving the vessel a complement of three dozen or more.

B'REL VARIANTS

The Klingons have created many different *B'rel* variants. The most common, the D-12 class Bird of Prey, has an improved targeting system involving a periscope-like device which descends in front of the captain's chair. The captain, looking through the scope, can obtain more accurate targeting locks (upgrade to a Class Gamma TA/T/TS for modern D-12s). However, necessary modifications to the cloaking device render its plasma coil defective. If the ship is hit with a low-level ionic pulse, the cloak automatically engages, leaving the vessel without shields (and thus completely vulnerable to attack) for two seconds.

The dimensions listed for the *B'rel* represent an average length. Due to individual House preferences, resource availability, and other considerations, they can range in size from about 110 meters in length to about 175 meters. However, all should be considered Size 4 for game purposes.

Noteworthy vessels/service records/encounters: *I.K.S. Rotarran*, commanded by General Martok during the Dominion War; *I.K.S. Ch'vang*, fought during the Dominion War (2374-75); *I.K.S. Al'vang*, fought during the Dominion War (2374-75).

KLINGON K'VORT CLASS

Class and Type: *K'Vort*-class Warship

Commissioning Date: Mid 24th-century

HULL SYSTEMS

SIZE: 7

Length: 323.40 meters

Beam: 335.61 meters

Height: 140.73 meters

Decks: 10

Mass: 2,450,000 metric tonnes

SUs Available: 1,900

SUs Used: 1,845

HULL

Outer 28
Inner 28

RESISTANCE

Outer Hull: 10 12
Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 6 (Protection 90/130) [1 Power/10 Protection/round] 34
Backup: Class 6 (Protection 45) [1 Power/10 Protection/round] 17
Backup: Class 6 (Protection 45) [1 Power/10 Protection/round] 17

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 355/1,200/7,500

CREW QUARTERS

Spartan: 900 45
Basic: 300 30
Expanded: 50 10
Luxury: 10 10
Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [11 Power/round] 28
Reserve Life Support [6 Power/round] 14
Emergency Life Support (42 emergency shelters) 14
Gravity [4 Power/round] 7
Consumables: 2 years' worth 14
Food Replicators [7 Power/round] 7
Industrial Replicators 10
Type: Network of small replicators [2 Power/round]
Type: 1 large unit [2 Power/replicator/round]
Medical Facilities: 4 (+1) [4 Power/round] 20
Recreation Facilities: 5 [10 Power/round] 40
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
Fire Suppression System [1 Power/round when active] 7
Cargo Holds: 33,000 cubic meters 1
Locations: Dorsal amidships
Escape Pods 8
Number: 160
Capacity: 4 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6D 105
Speed: 6.0/9.2/9.6 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16
Special Configuration: Embedded 28

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Location: Aft

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Location: Aft
Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 8/N (generates 430 Power/round) 93
Location: Aft amidships
Impulse Engine[s]: 2 Class 3A (generate 28 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type E (generates 45 Power/round) 45
EPS: Standard Power flow, +250 Power transfer/round 60

Standard Usable Power: 486

OPERATIONS SYSTEMS

Bridge: Command hull dorsal 35

COMPUTERS

Core 1: Engineering ventral [5 Power/round] 14
Core 2: Engineering forward [5 Power/round] 14
ODN 21

Navigational Deflector [5 Power/round]

Range: 10/20,000/50,000/150,000 28
Accuracy: 5/6/8/11
Location: Engineering ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 33
Range Package: Type 4 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.5/3.6-5.0)
Low Resolution: 14 light-years (1/1.1-3.5/3.6-10.0/10.1-14)
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Coverage: Standard
Lateral Sensors [5 Power/round] 17
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Coverage: Standard
Navigational Sensors: [5 Power/round] 16
Strength Package: Class 7 (Strength 7)
Gain Package: Class Alpha (+1)
Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

ALLO
RYN
032501

Navigational Computer	
Main: Class 2 (+1) [1 Power/round]	2
Backups: 2	2
Inertial Damping Field	
Main	56
Strength: 9 [3 Power/round]	
Number: 4	
Backup	16
Strength: 6 [2 Power/round]	
Number: 4	
Attitude Control [2 Power/round]	2
COMMUNICATIONS SYSTEMS	
Type: Class 7 [2 Power/round]	17
Strength: 7	
Security: -3 (Class Gamma uprating)	
Basic Uprating: Class Alpha (+1)	
Emergency Communications: Yes [2 Power/round]	1
TRACTOR BEAMS	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Forward ventral	
Emitter: Class Delta [3 Power/Strength used/round]	12
Accuracy: 4/5/7/10	
Location: Aft ventral	
TRANSPORTERS	
Type: Personnel [4 Power/use]	30
Pads: 4	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: One in command section, one in Engineering section	
Type: Cargo [4 Power/use]	24
Pads: 400 kg	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)	
Energizing/Transition Coils: Class G (Strength 7)	
Number and Location: Two in Engineering section	
Cloaking Device: Class 8 [40 Power/class/round]	31
SECURITY SYSTEMS	
Rating: 4	16
Anti-Intruder System: Yes [1 Power/round]	4
Internal Force Fields [1 Power/3 Strength]	4
SCIENCE SYSTEMS	
Rating 1 (+0) [1 Power/round]	9
Specialized Systems: None	
Laboratories: 7	2
TACTICAL SYSTEMS	
Starboard Forward Disruptor Cannon	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Tip of starboard "wing"	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	

Port Forward Disruptor Cannon	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Tip of starboard "wing"	
Firing Arc: 180 degrees forward	
Firing Modes: Standard, Pulse	
Starboard Aft Disruptor Cannon	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft, starboard	
Firing Arc: 180 degrees aft	
Firing Modes: Standard, Pulse	
Port Aft Disruptor Cannon	40
Type: 9	
Damage: 200 [20 Power]	
Number of Emitters: Up to 3 shots per round	
Auto-Phaser Interlock: Accuracy 4/5/7/10	
Range: 10/30,000/100,000/300,000	
Location: Engineering aft, port	
Firing Arc: 180 degrees aft	
Firing Modes: Standard, Pulse	
Forward Torpedo Launcher	16
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,000,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Forward, ventral of command section	
Firing Arc: Forward, but are self-guided	
Aft Torpedo Launcher	16
Standard Load: Type II photon torpedo (200 Damage)	
Spread: 6	
Range: 15/300,000/1,000,000/3,000,000	
Targeting System: Accuracy 4/5/7/10	
Power: [20 + 5 per torpedo fired]	
Location: Engineering aft	
Firing Arc: Aft, but are self-guided	
Torpedoes Carried: 160	16
TA/T/TS: Class Beta [1 Power/round]	9
Strength: 8	
Bonus: +1	
Weapons Skill: 4	
Shields (Forward, Aft, Port, Starboard)	80 (x4)
Shield Generator: Class 5 (Protection 900 + 100 [embedded nacelles])	
[90 Power/shield/round]	
Shield Grid: Type C (50% increase to 1,350 Protection)	
Subspace Field Distortion Amplifiers: Class Zeta (Threshold 300 + 10	
[embedded nacelles])	
Recharging System: Class 1 (45 seconds)	
Backup Shield Generators: 4 (1 per shield)	8
Auto-Destruct System	7

AUXILIARY SPACECRAFT SYSTEMS

Shuttlebay(s): Capacity for 12 Size worth of ships **24**
Standard Complement: 6 shuttlecraft
Location(s): Aft dorsal Engineering
Captain's Yacht: No

DESCRIPTION AND NOTES

Fleet data: Built using the same plans as the *B'rel*-class Light Warship, but to larger dimensions, the *K'Vort*-class Warship (or Battle Cruiser) serves prominently in the Imperial Klingon Defense Forces and many House militaries. While not as powerful or sophisticated as the *Vor'cha*-class Heavy Warship, it is cheaper to build and maintain, making it attractive to many poorer Houses.

Unlike the *B'rel*, the *K'Vort*-class vessel has only two flight modes, "attack" and "flight"; it lacks atmospheric capability, and so does not need a "landing" mode. However it avoids one of the *B'rel's* chief weaknesses by placing two disruptor cannons and one torpedo launcher aft. Its disruptor cannons often fire in tandem (*i.e.*, as a Multifire attack).

The *K'Vort's* primary crew numbers only about 350. However, it is designed to serve as a troop transport, and can carry about 1,200 more personnel if need be.

The dimensions listed for the *K'Vort* represent an average length. Due to individual House preferences, resource availability, and other considerations, they can range in size from about 250 meters in length to close to 700 meters. However, all should be considered Size 7 for game purposes (unless the Narrator wants to prepare separate templates for the larger ships).

Noteworthy vessels/service records/encounters: *I.K.S. Pagh*, participated in officer exchange program with Starfleet and came under attack from previously unknown sub-atomic lifeform (2365), *I.K.S. Vorn*, transported Duras to a meeting with the *U.S.S. Enterprise-D* (2367), *I.K.S. Buruk*, transported Gowron to a meeting with the *U.S.S. Enterprise-D* (2367).

KLINGON VOR'CHA CLASS

Class and Type: Klingon Vor'cha-class Heavy Warship

Commissioning Date: Mid-24th century

HULL SYSTEMS

Size: 7

Length: 481.32 meters
Beam: 341.76 meters
Height: 106.87 meters
Decks: 22
Mass: 2,238,000 metric tonnes
SUs Available: 2,750
SUs Used: 2,705

HULL

Outer 28
Inner 28

RESISTANCE

Outer Hull: 10 12
Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 5 (Protection 80/120) [1 Power/10 Protection/round] 31
Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 16
Backup: Class 5 (Protection 40) [1 Power/10 Protection/round] 16

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 1,900/250/7,350

CREW QUARTERS

Spartan: 1,200 60
Basic: 800 80
Expanded: 200 40
Luxury: None
Unusual: None

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 28
Reserve Life Support [6 Power/round] 14
Emergency Life Support (42 emergency shelters) 14
Gravity [4 Power/round] 7
Consumables: 2 years' worth 14
Food Replicators [7 Power/round] 7
Industrial Replicators 13
Type: Network of small replicators [2 Power/round]
Type: 2 large units [2 Power/replicator/round]
Medical Facilities: 4 (+1) [4 Power/round] 20
Recreation Facilities: 4 [8 Power/round] 32
Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 21
Fire Suppression System [1 Power/round when active] 7
Cargo Holds: 166,000 cubic meters 5
Locations: Aft, ventral amidships, 12 other locations
Escape Pods 9
Number: 160
Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 6A6 93
Speed: 6.0/8.0/9.6 [1 Power/.2 warp speed]
PIS: Type H (12 hours of Maximum warp) 16

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Location: Aft

IMPULSE ENGINE

Type: Class 3A (.5c/.75c) [5/7 Power/round] 18
Location: Engineering hull
Reaction Control System (.025c) [2 Power/round when in use] 7

POWER SYSTEMS

WARP ENGINE

Type: Class 10/P (generates 549 Power/round) 115
Location: Engineering hull
Impulse Engine[s]: 2 Class 3A (generate 28 Power/engine/round)
Auxiliary Power: 4 reactors (generate 5 Power/reactor/round) 12
Emergency Power: Type E (generates 45 Power/round) 45
EPS: Standard Power flow, +300 Power transfer/round 65

Standard Usable Power: 605

OPERATIONS SYSTEMS

Bridge: Forward dorsal 35

COMPUTERS

Core 1: Forward [5 Power/round] 14
Core 2: Engineering [5 Power/round] 14
ODN 21

Navigational Deflector [5 Power/round] 28

Range: 10/20,000/50,000/150,000
Accuracy: 5/6/8/11
Location: Ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 39
Range Package: Type 5 (Accuracy 3/4/7/10)
High Resolution: 5 light-years (.5/.6-1.0/1.1-3.7/3.8-5.0)
Low Resolution: 15 light-years (1/1.1-4.0/4.1-12.0/12.1-15)
Strength Package: Class 8 (Strength 8)
Gain Package: Class Alpha (+1)
Coverage: Standard
Lateral Sensors [5 Power/round] 19
Strength Package: Class 8 (Strength 8)
Gain Package: Class Alpha (+1)
Coverage: Standard
Navigational Sensors: [5 Power/round] 18
Strength Package: Class 8 (Strength 8)
Gain Package: Class Alpha (+1)
Probes: 40 4

Sensors Skill: 4

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11

Navigational Computer		Aft Disruptor Array	46
Main: Class 3 (+2) [2 Power/round]	4	Type: 10	
Backups: 2	2	Damage: 220 [22 Power]	
Inertial Damping Field		Number of Emitters: Up to 3 shots per round	
Main	56	Targeting System: Accuracy 4/5/7/10	
Strength: 9 [3 Power/round]		Range: 10/30,000/100,000/300,000	
Number: 4		Location: Aft	
Backup	16	Firing Arc: 360 degrees aft	
Strength: 6 [2 Power/round]		Firing Modes: Standard, Pulse	
Number: 4		Dorsal Disruptor Arrays (5)	230
Attitude Control [2 Power/round]	2	Type: 10	
COMMUNICATIONS SYSTEMS		Damage: 220 [22 Power]	
Type: Class 8 [2 Power/round]	21	Number of Emitters: Up to 3 shots per disruptor per round	
Strength: 8		Targeting System: Accuracy 4/5/7/10	
Security: -4 (Class Gamma uprating)		Range: 10/30,000/100,000/300,000	
Basic Uprating: Class Alpha (+1)		Location: Five locations on dorsal side of ship	
Emergency Communications: Yes [2 Power/round]	1	Firing Arc: 360 degrees dorsal	
TRACTOR BEAMS		Firing Modes: Standard, Pulse	
Emitter: Class Delta [3 Power/Strength used/round]	12	Ventral Disruptor Arrays (5)	230
Accuracy: 4/5/7/10		Type: 10	
Location: Aft ventral		Damage: 220 [22 Power]	
Emitter: Class Alpha [3 Power/Strength used/round]	3	Number of Emitters: Up to 3 shots per disruptor per round	
Accuracy: 5/6/8/11		Targeting System: Accuracy 4/5/7/10	
Location: Shuttlebay		Range: 10/30,000/100,000/300,000	
TRANSPORTERS		Location: Five locations on ventral side of ship	
Type: Personnel [5 Power/use]	64	Firing Arc: 360 degrees ventral	
Pads: 6		Firing Modes: Standard, Pulse	
Emitter/Receiver Array: Personnel Type 6 (40,000 km range)		Starboard Disruptor Arrays (3)	138
Energizing/Transition Coils: Class G (Strength 7)		Type: 10	
Number and Location: Two forward, two in Engineering hull		Damage: 220 [22 Power]	
Type: Cargo [4 Power/use]	48	Number of Emitters: Up to 3 shots per disruptor per round	
Pads: 400 kg		Targeting System: Accuracy 4/5/7/10	
Emitter/Receiver Array: Cargo Type 3 (40,000 km range)		Range: 10/30,000/100,000/300,000	
Energizing/Transition Coils: Class G (Strength 7)		Location: Three locations on ship's starboard side and pylon	
Number and Location: Two forward, two in Engineering hull		Firing Arc: 360 degrees starboard	
Cloaking Device: Class 8 [40 Power/class/round]	31	Firing Modes: Standard, Pulse	
SECURITY SYSTEMS		Port Disruptor Arrays (3)	138
Rating: 4	16	Type: 10	
Anti-Intruder System: Yes [1 Power/round]	7	Damage: 220 [22 Power]	
Internal Force Fields [1 Power/3 Strength]	7	Number of Emitters: Up to 3 shots per disruptor per round	
SCIENCE SYSTEMS		Targeting System: Accuracy 4/5/7/10	
Rating 2 (+1) [2 Power/round]	17	Range: 10/30,000/100,000/300,000	
Specialized Systems: 1	5	Location: Three locations on ship's port side and pylon	
Laboratories: 8	2	Firing Arc: 360 degrees port	
		Firing Modes: Standard, Pulse	
TACTICAL SYSTEMS		Forward Dorsal Torpedo Launcher	18
Forward Disruptor Cannon	58	Standard Load: Type II photon torpedo (200 Damage)	
Type: 13		Spread: 10	
Damage: 280 [28 Power]		Range: 15/350,000/1,500,000/4,050,000	
Number of Emitters: Up to 5 shots per round		Targeting System: Accuracy 4/5/7/10	
Targeting System: Accuracy 4/5/7/10		Power: [20 + 5 per torpedo fired]	
Range: 10/30,000/100,000/300,000		Location: Forward dorsal	
Location: Forward weapons pod		Firing Arc: Forward, but are self-guided	
Firing Arc: 360 degrees forward			
Firing Modes: Standard, Pulse			

Forward Ventral Torpedo Launcher 18

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward ventral

Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 18

Standard Load: Type II photon torpedo (200 Damage)

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 200 20**TA/T/TS: Class Gamma [2 Power/round]** 12

Strength: 9

Bonus: +2

Weapons Skill: 5**Shields (Forward, Aft, Port, Starboard)** 76 (x4)

Shield Generator: Class 5 (Protection 900)

[90 Power/shield/round]

Shield Grid: Type B (33% increase to 1200 Protection)

Subspace Field Distortion Amplifiers: Class Eta (Threshold 300)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 8

Auto-Destruct System 7**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 20 Size worth of ships** 40

Standard Complement: 8 shuttlecraft, 4 shuttlepods

Location(s): Aft

Captain's Yacht: No**DESCRIPTION AND NOTES**

Fleet data: As of 2375, the main fighting ship of the Imperial Klingon Defense Force and the most powerful Klingon Great Houses is the *Vor'cha*-class Heavy Warship. Like most Klingon ships, it features a design with a broad body and nacelle pylons and a bridge at the end of a "neck" region. It also includes a large sensor module and aft weapons array in its aft dorsal region.

Like most Klingon ships, the *Vor'cha* ignores the amenities of comfortable living—warriors, after all, do not need comfort, which only make them soft!—in favor of more and better systems. Like any proper Klingon vessel, it's heavily armed, with 18 disruptor arrays, a forward disruptor cannon, and three torpedo launchers. The forward cannon is contained in a detachable module. When the ship needs to attain higher impulse speeds, it can eject this pod;

this adds +1c to both Sustained and Maximum impulse speeds.

ROMULAN D'DERIDEX CLASS

Class and Type: *D'deridex*-class Heavy Warbird (Battleship)

Commissioning Date: Mid-24th century

HULL SYSTEMS

SIZE: 10

Length: 1,041.65 meters

Beam: 772.43 meters

Height: 285.47 meters

Decks: 63

Mass: 4,320,000 metric tonnes

SUs Available: 3,325

SUs Used: 3,269

HULL

Outer 40

Inner 40

RESISTANCE

Outer Hull: 10 12

Inner Hull: 10 12

STRUCTURAL INTEGRITY FIELD

Main: Class 7 (Protection 100/150)
[1 Power/10 Protection/round] 40

Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 20

Backup: Class 7 (Protection 50)
[1 Power/10 Protection/round] 20

PERSONNEL SYSTEMS

Crew/Passengers/Evac: 1,500/400/10,000

CREW QUARTERS

Spartan: 200 10

Basic: 1,000 100

Expanded: 300 60

Luxury: 85 85

Unusual: 20 20

ENVIRONMENTAL SYSTEMS

Basic Life Support [12 Power/round] 40

Reserve Life Support [6 Power/round] 20

Emergency Life Support (60 emergency shelters) 20

Gravity [5 Power/round] 10

Consumables: 3 years' worth 30

Food Replicators [10 Power/round] 10

Industrial Replicators 29

Type: Two networks of small replicators [2 Power/round]

Type: 3 large units [2 Power/replicator/round]

Medical Facilities: 9 (+2) [9 Power/round] 45

Recreation Facilities: 7 [14 Power/round] 56

Personnel Transport: Turbolifts, Jefferies tubes [2 Power/round] 30

Fire Suppression System [1 Power/round when active] 10

Cargo Holds: 400,000 cubic meters 12

Locations: Ventral main hull, dorsal main hull, 15 other locations

Escape Pods 12

Number: 220

Capacity: 8 persons per pod

PROPULSION SYSTEMS

WARP DRIVE

Nacelles: Type 5C6 68

Speed: 5.0/8.2/9.6 [1 Power/.2 warp speed]

PIS: Type H (12 hours of Maximum warp) 16

Uprating: Package 2 (+0.2 for Sustainable) 4

IMPULSE ENGINE

Type: Class 4A (.6c/.85c) [6/8 Power/round] 22

Location: Main hull

IMPULSE ENGINE

Type: Class 4A (.6c/.85c) [5/7 Power/round] 22

Location: Main hull

Reaction Control System (.025c) [2 Power/round when in use] 10

POWER SYSTEMS

QUANTUM SINGULARITY ENGINE

Type: Class 13/S (generates 699 Power/round) 145

Location: Main hull

Impulse Engine[s]: 2 Class 4A (generate 35 Power/engine/round)

Auxiliary Power: 6 reactors (generate 5 Power/reactor/round) 18

Emergency Power: Type F (generates 50 Power/round) 50

EPS: Standard Power flow, +360 Power transfer/round 86

Standard Usable Power: 755

OPERATIONS SYSTEMS

Bridge: Command hull dorsal forward 50

COMPUTERS

Core 1: Command hull [5 Power/round] 20

Core 2: Main hull [5 Power/round] 20

Core 3: Main hull [5 Power/round] 20

Uprating: Class Beta (+2) [2 Power/computer/round] 12

ODN 30

Navigational Deflector [5 Power/round] 40

Range: 10/20,000/50,000/150,000

Accuracy: 5/6/8/11

Location: Ventral

SENSOR SYSTEMS

Long-range Sensors [5 Power/round] 40

Range Package: Type 4 (Accuracy 3/4/7/10)

High Resolution: 5 light-years (.5/.6-1.0/1.1-3.5/3.6-5.0)

Low Resolution: 14 light-years (1/1.1-3.5/3.6-10.0/10.1-14)

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Lateral Sensors [5 Power/round] 24

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Standard

Navigational Sensors: [5 Power/round] 22

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Probes: 120 12

Sensors Skill: 5

ALLO
RYN
032501

FLIGHT CONTROL SYSTEMS

Autopilot: Shipboard Systems (Flight Control) 3, Coordination 2 [1 Power/round in use] 11
 Navigational Computer
 Main: Class 3 (+2) [2 Power/round] 4
 Backups: 2 2
 Inertial Damping Field
 Main 100
 Strength: 9 [3 Power/round]
 Number: 5
 Backup 25
 Strength: 6 [2 Power/round]
 Number: 5
 Attitude Control [2 Power/round] 2

COMMUNICATIONS SYSTEMS

Type: Class 8 [2 Power/round] 26
 Strength: 8
 Security: -5 (Class Delta uprating)
 Basic Uprating: Class Beta (+2)
 Emergency Communications: Yes [2 Power/round] 1

TRACTOR BEAMS

Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward dorsal
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Forward ventral
 Emitter: Class Delta [3 Power/Strength used/round] 12
 Accuracy: 4/5/7/10
 Location: Aft ventral
 Emitter: Class Alpha [3 Power/Strength used/round] 6
 Accuracy: 5/6/8/11
 Location: One in each shuttlebay

TRANSPORTERS

Type: Personnel [5 Power/use] 144
 Pads: 6
 Emitter/Receiver Array: Personnel Type 6 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Four in command hull, four in main hull
 Type: Emergency [7 Power/use] 144
 Pads: 24
 Emitter/Receiver Array: Emergency Type 3 (15,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Four in command hull, four in main hull
 Type: Cargo [4 Power/use] 102
 Pads: 400 kg
 Emitter/Receiver Array: Cargo Type 3 (40,000 km range)
 Energizing/Transition Coils: Class I (Strength 9)
 Number and Location: Two in command hull, six in main hull

Cloaking Device: Class 10 [40 Power/class/round] 40

SECURITY SYSTEMS

Rating: 5 20
 Anti-Intruder System: Yes [1 Power/round] 10
 Internal Force Fields [1 Power/3 Strength] 10

SCIENCE SYSTEMS

Rating 3 (+2) [3 Power/round] 25
 Specialized Systems: 3 15
 Laboratories: 25 6

TACTICAL SYSTEMS

Forward Disruptor Array 58

Type: Type 13
 Damage: 280 [28 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Forward command hull
 Firing Arc: 360 degrees forward
 Firing Modes: Standard, Pulse

Forward Dorsal Disruptor Array 50

Type: Type 11
 Damage: 240 [24 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Forward dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Pulse

Forward Ventral Disruptor Array 50

Type: Type 11
 Damage: 240 [24 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Forward ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Pulse

Aft Dorsal Disruptor Array 50

Type: Type 11
 Damage: 240 [24 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft dorsal
 Firing Arc: 360 degrees dorsal
 Firing Modes: Standard, Pulse

Aft Ventral Disruptor Array 50

Type: Type 11
 Damage: 240 [24 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Aft ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Pulse

Command Hull Ventral Disruptor Array 50

Type: Type 11
 Damage: 240 [24 Power]
 Number of Emitters: Up to 5 shots per round
 Targeting System: Accuracy 4/5/7/10
 Range: 10/30,000/100,000/300,000
 Location: Command hull ventral
 Firing Arc: 360 degrees ventral
 Firing Modes: Standard, Pulse

Forward Torpedo Launcher 28

Standard Load: Plasma torpedoes

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Forward

Firing Arc: Forward, but are self-guided

Aft Torpedo Launcher 28

Standard Load: Plasma torpedoes

Spread: 10

Range: 15/350,000/1,500,000/4,050,000

Targeting System: Accuracy 4/5/7/10

Power: [20 + 5 per torpedo fired]

Location: Aft

Firing Arc: Aft, but are self-guided

Torpedoes Carried: 300 30**TA/T/TS: Class Gamma [2 Power/round]** 12

Strength: 9

Bonus: +2

Weapons Skill: 5**Shields (Forward, Aft, Port, Starboard)** 127 (x4)

Shield Generator: Class 7 (Protection 1300)

[130 Power/round]

Shield Grid: Type C (50% increase to 1950 Protection)

Subspace Field Distortion Amplifiers: Class Iota (Threshold 430)

Recharging System: Class 1 (45 seconds)

Backup Shield Generators: 4 (1 per shield) 12

Auto-Destruct System 10**AUXILIARY SPACECRAFT SYSTEMS****Shuttlebay(s): Capacity for 40 Size worth of ships** 80

Standard Complement: 16 shuttlecraft, 8 shuttlepods

Location(s): Main hull ventral, main hull dorsal

Captain's Yacht: Yes 10**DESCRIPTION AND NOTES**

Fleet data: The *D'deridex*-class warbird, a vessel whose very appearance strikes fear into the heart of the enemies of the Romulan Star Empire, is the primary capital ship of the Romulan people (though not the largest; that distinction goes to the *Vereleus*-class Dreadnaught). In fact, its large size may be a subtle psychological tactic designed to intimidate existing and potential opponents.

While Starfleet typically encounters this vessel in hostile situations (or when allied with the Romulans against a mutual foe, as with the recent Dominion War), it actually performs many of the functions and duties of an Explorer. Since their first appearance along the Romulan Neutral Zone in 2364, the *D'deridex*-class has been the most commonly encountered Romulan starship.

Instead of a standard warp engine, the *D'deridex*-class ship has an artificial quantum singularity engine which uses a microscopic synthetic black hole to generate enormous amounts of power. However, once activated, it can never be shut off (except with catastrophic consequences).

The *D'deridex* class wield powerful weaponry, such as Type 13 and 11 disruptors and plasma torpedoes. But its greatest weapon may be its cloaking device, which allows it to travel unseen and undetected around the galaxy. Starfleet believes that the Romulans routinely cross into the Neutral Zone under cover of cloak. Based on information received from the Klingon Empire, Starfleet Command believes that the curvilinear shape of the *D'deridex*-class warbird somehow aids its cloaking system by making EM warping more efficient than with a rectilinear design.

READY FOR MORE?



[HTTP://WWW.TREKRPG.NET](http://www.trekrpg.net)
FOUR ROLE PLAYING GAMES - ONE WEB SITE

STARSHIPS, NPCs, ADVENTURES, TEMPLATES, OVERLAYS,
NETBOOKS, NEW RULES, DISCUSSION BOARDS, CONTESTS, &
MORE!

THE DEFINITIVE SOURCE FOR YOUR STAR TREK RPG
BY LAST UNICORN GAMES!

MADE BY THE FANS — FOR THE FANS!

CA
MI

042 SA IN
89 IN 20
M16 TS 00