

# 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 Uprating: 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 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 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  
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: 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

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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

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**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 Breen 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).