

# Nova Class

**Class and Type:** Nova-class Surveyor

**Commissioning Date:** 2369 (Upated: 2379)

## HULL SYSTEMS

Size: 5

Length: 165 meters

Beam: 81.2 meters

Height: 31.4 meters

Decks: 8

Mass: 210000 metric tonnes

SUs Available: 1650/1700

SUs Used: 1585 / 1627 (UPRATED "Rhode Island" version)

Hull

Outer Hull (20)

Inner Hull (20)

Resistance

Outer Hull: 6 (6)

Inner Hull: 6 (6)

### Structural Integrity Field

Main: Class 5 (Protection 80/120)

[8 Power/10 Protection/round] (29)

Backup: Class 5 (Protection 40)

[4 Power/10 Protection/round] (15)

Backup: Class 5 (Protection 40)

[4 Power/10 Protection/round] (15)

### Specialized Hull

Atmospheric Capability (5)

Planetfall Capability (5)

## PERSONNEL SYSTEMS

Crew / Passengers / Evac: 80/16/800

### Crew Quarters

Spartan: 64 (4)

Basic: 24 (3)

Expanded: 4 (1)

Luxury: 2 (2)

Unusual: 2 (2)

### Environmental Systems

Basic Life Support [8 Power/round] (20)

Reserve Life Support [4 Power/round] (10)

Emergency Life Support [0 Power/round] (10)

Gravity [2.5 Power/round] (5)

Consumables: 1 year's worth (5)

### Replicator Systems

Food Replicators [5 Power/round] (5)

Industrial Replicators

Type: Network of Small Replicators

[2 Power/round] (5)

Type: 1 large unit [2 Power/round] (3)

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

EMH: Mark I [2 Power/round when active] (5)

UPRATED EMH: Mark IV [6 Power/round when active] (20)

Recreation Facilities: 4 [8 Power/round] (32)

Personnel Transportation Systems:

Turbolifts, Jefferies tubes [2 Power/round] (15)

Fire Suppression System

[1 Power/round when active] (5)

Cargo Holds: 3750 cubic meters (1)

Locations: Main Cargo Bay Deck 3, Cargo Bays 2 & 3

Aft Deck 4 (behind Shuttlebay), "Bluefall" Cargo Bay Aft

Deck Six

Escape Pods (3)

Number: 22

Capacity: 8

## PROPULSION SYSTEMS

Warp Drive

Nacelles: Type 6 (80)

UPRATED NACELLES: Type 6D8 (107)

Speed: 6/7/8, UPRATED: 6/8.6/9.2 [1 Power/.2 warp speed]

PIS: Type I (18) (24 hours of Maximum warp)

Impulse Engines

Primary Type: Class 6 (0.75c/0.9c) (30)

[7/9 Power/round]

Location: Aft Deck 1/2

Acceleration Upgrading: Class Alpha (2)

(66% acceleration)[1 Power/round when active]

Reaction Control System (.025c) (5)

[2 Power/round when in use]

## POWER SYSTEMS

Warp Engine

Type: Class 7/M (generates 350 Power/round) (80)

Location: Engineering hull, decks 5-8

Primary Impulse Engine: 6 (generates 48 Power/round)

Auxiliary Power: 2 reactors (6)

(generates 10 Power/reactor/round)

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

EPS: Standard Power Flow (35)

+100 Power transfer/round

Standard Usable Power: 398

## OPERATIONS SYSTEMS

Bridge: Saucer dorsal (25)

### Computers

Core 1: Saucer, Decks 2-4 (10)

[5 Power/round]

Upgrading: Class Beta (+2) [2 Power/round] (4)

Core 2: Saucer, Decks 2-4 (10)

[5 Power/round]

Upgrading: Class Beta (+2) [2 Power/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, ventral of saucer

Auxiliary Navigational Deflector (5)

Location: Forward dorsal saucer

### Sensor Systems

Long-range Sensors [5 Power/round] (64)

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: 1/1.1-6.0/6.1-13.0/13.1-17.0

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Detect an additional 4000 substances

Lateral Sensors [5 Power/round] (36)

Strength Package: Class 9 (Strength 9)

Gain Package: Class Beta (+2)

Coverage: Detect an additional 4000 substances

Navigational Sensors [5 Power/round] (22)  
Strength Package: Class 9 (Strength 9)  
Gain Package: Class Beta (+2)  
Probes: 72 (7)  
Sensor Skills: 6

*Flight Control Systems*

Autopilot [1 Power/round in use] (11)  
Shipboard Systems (Flight Control) 3  
Coordination 2  
Navigational Computer  
Main: Class 2 (+1) [1 Power/round] (2)  
Backups: 2 (2)  
Inertial Damping Field  
Main (30)  
Strength: 8 [9 Power/round]  
Number: 3  
Backups (9)  
Strength: 6 [6 Power/round]  
Number: 3  
Attitude Control [1 Power/round] (1)

*Communications Systems*

Type: Class 8 [2 Power/round] (25)  
Strength: 8  
Security: -6 (Class Epsilon uprating)  
Basic Uprating: Class Alpha (+1)  
Emergency Communications: Yes [2 Power/round] (1)  
Holocommunication System: Yes (1)

*Tractor Beams*

Emitter: Class Delta [3 Power/Strength used/round] (12)  
Accuracy: 4/5/7/10  
Location: Ventral Engineering hull, Deck 8  
Emitter: Class Delta [3 Power/Strength used/round] (12)  
Accuracy: 4/5/7/10  
Location: Ventral Engineering hull, Aft Deck 7  
Emitter: Class Alpha [3 Power/Strength used/round] (3)  
Accuracy: 5/6/8/11  
Location: Main shuttlebay (located beneath, Deck 5)

*Transporter Systems*

Type: Personnel [4 Power/use] (32)  
Pads: 4  
Emitter/Receiver Array: Personnel Type 6 (40000 km range)  
Energizing/Transition Coils: Class H (Strength 8)  
Number and Location: 2, Deck 2, Deck 3 Saucer Section  
Type: Emergency [9 Power/use] (31)  
Pads: 18  
Emitter/Receiver Array: Emergency  
Type 3 (15000 km range)  
Energizing/Transition Coils:  
Class H (Strength 8)  
Number and Location: 2, 1 pair (P/S operate as one) in saucer Deck 4, 1 pair (P/S operate as one) in engineering hull Deck 6  
Type: Cargo [5 Power/use] (27)  
Pads: 500  
Emitter/Receiver Array: Cargo  
Type 3 (40000 km range)  
Energizing/Transition Coils: Class H (Strength 8)  
Number and Location: 2, Deck 2, Deck 7

*Security Systems*

Rating: 1 (4)  
Anti-Intruder System: Yes [1 Power/round] (5)  
Internal Force Fields: Yes [1 Power/3 Strength] (5)

*Science Systems*

Rating: 3 (+2) [3 Power/round] (20)  
Specialized Systems: 2 (10)  
Number of Laboratories: 11/ UPRATED 12 (4)

**TACTICAL SYSTEMS**

**Beam Weapons**

*Saucer Forward Starboard 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  
ACB Jacketing: No  
Location: Saucer ventral, forward starboard  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Forward Port 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  
ACB Jacketing: No  
Location: Saucer ventral, forward port  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Forward Starboard 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  
ACB Jacketing: No  
Location: Saucer dorsal, forward starboard  
Firing Arc: 270 degrees Dorsal  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Forward Port 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  
ACB Jacketing: No  
Location: Saucer dorsal, forward port  
Firing Arc: 270 degrees Dorsal  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Aft Starboard Ventral Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
Location: Saucer ventral, aft starboard  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Aft Port Ventral Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
Location: Saucer ventral, aft port  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Aft Starboard Dorsal Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
Location: Saucer dorsal, aft starboard  
Firing Arc: 360 degrees Dorsal  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Saucer Aft Port Dorsal Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
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  
ACB Jacketing: No  
Location: Engineering ventral  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Engineering Aft Starboard Ventral Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
Location: Engineering aft ventral, starboard  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

*Engineering Aft Port Ventral Phaser Array (16)*

Type: X  
Damage: 200 [20 Power]  
Number of Emitters: 40 (up to 1 shots per round)  
Auto-Phaser Interlock: Accuracy 3/4/6/9  
Range: 10/30,000/100,000/300,000  
ACB Jacketing: No  
Location: Engineering aft ventral, port  
Firing Arc: 360 degrees Ventral  
Firing Modes: Standard, Continuous, Pulse, Wide-Beam

**Torpedo Weapons**

Torpedos Carried: 48 (5)

*Starboard Forward Torpedo Launcher (Advanced) (22)*

Standard Load: Type II photon torpedo  
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 self-guided

*Port Forward Torpedo Launcher (Advanced) (22)*

Standard Load: Type II photon torpedo  
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 self-guided

TA/T/TS: Class Gamma [2 Power/round] (12)

Strength: 9

Bonus: +2

Backup TA/T/TS: Yes (1)

Weapons Skill: 4

**Defensive Systems**

Shields (Forward, Aft, Port, Starboard) (180)

Shield Generator: Class 3 (Protection 600) [240

Power/round]

Shield Grid: Type C (50% increase to 900 Protection)

Subspace Field Distortion Amplifiers: Gamma (Thresh: 150)

Recharging System: Class 2 (40 seconds)

Backup Shield Generators: 4 (1 per shield) (5)

Auto-Destruct System (5)

**Auxiliary Spacecraft Systems**

Shuttlebay(s): Capacity for 5 Size worth of ships (10)

Standard Compliment: 2 shuttlecraft, 1 shuttlepod

Location(s): Aft, Deck 4

Captain's Yacht: Waverider Craft (10)