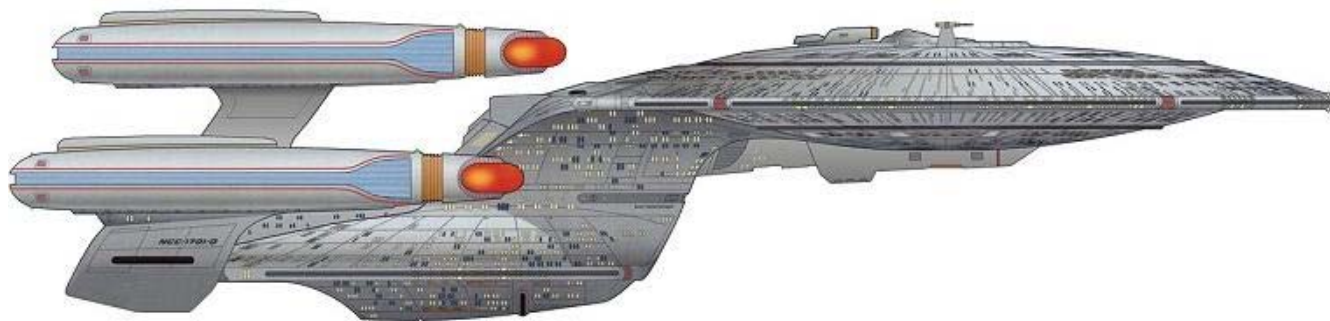


GALAXY-CLASS REFIT

Heavy Explorer, Commissioned: 2373

FEDERATION



HULL DATA

STRUCTURE: 40

SIZE/DECKS: 8/42

LENGTH/HEIGHT/BEAM: 641/137/467

COMPLIMENT: 1,053

HULL DATA

ATMOSPHERE CAPABLE: No

TRANSPORTERS: 8 Standard, 8 Emergency

CARGO UNITS: 100

SHUTTLEBAY: 2 Stardrive, 1 Saucer

SHUTTLECRAFT: 24 Size worth

TRACTOR BEAMS: 1 fv, 1av

SEPARATION SYSTEM: Yes (Emergency Only)

SENSOR SYSTEM: Class 4A (+4/DD)

OPERATION SYSTEM: Class 4R (EE)

LIFE SUPPORT: Class 4 (E)

PROPULSION DATA

IMPULSE SYSTEM: FIG-5 (.92C) (D)

WARP SYSTEM: LF-41 (Warp 6/9.2/9.6)

TACTICAL DATA

PHASER LANCE: Type XV Phaser Lance (V. Saucer/E)

PENETRATION: 7/7/6/0/0

PHASER ARRAYS: Type X (Saucer x2, Stardrive x3/E)

PENETRATION: 4/4/4/0/0 (Saucer) 6/5/5/0/0 (Stardrive)

TORPEDOES: Mk 80 DF (stardrive x2, Saucer x2/E)

PENETRATION: Type X (Saucer x2, Stardrive x3)

DEFLECTOR SHIELD: FSR (E)

PROTECTION/THRESHOLD: 17/4

MISCELLANEOUS DATA

MANEUVER MODIFIERS: Command +2, Helm -4, Tactical +4

TRAITS: Vulnerable (Phaser Lance)

Design Notes: The Galaxy-refit was designed as a Size 9 starship. Size 8 did not offer the space required. Tried several times to have a Size 8 refit, could never make it work, so I took the easy cheat out. Sorry.

MISSION

The *Galaxy-class* Mk III refit, or as it has become to be known, the *Galaxy Dreadnaught*, was conceived in the weeks following the first contact with the Borg in 2365. Due to the interference of Q, Starfleet became aware of the Borg threat, and raced to design a series of counter measures. The Mk III refit was to combine the best features of the *Galaxy-class* with best tactical and defensive technologies available in the Federation.

FEATURES

The *Galaxy-class* spaceframe was chosen due to the high degree of reliability, and familiarity with engineering and theoretical staff. In addition, several existing spaceframes of the *Galaxy-class* had been completed, and placed in secured storage and would allow for a rapid prototype to be assembled, cutting years off the design and construction process.

The most dramatic difference between the *Galaxy*, and the refit is the addition of a third-nacelle. The third nacelle offered extended the range of the starship at high-warp speeds, and provides for a more efficient transition from impulse to warp velocities.

The addition of a phaser cannon mounted along the ventral surface of the saucer, is the next most dramatic change. Intended to provide the refit with a devastating first strike, the phaser cannon, or phaser lance as it has become called by the design team, suffered various technical challenges in its creation. Several of the most system critical problems were solved before the cannon was gamma-welded to the saucer, but despite the best efforts of the fleet yard, the phaser lance is susceptible to damage and requires high maintenance in the field.

The *Galaxy-refit* also contains an extensive Command and Control facility. This facility gives commanders in the field real-time analysis of the battle, and allows them to meet the needs of the 3-D battlefield. The Command Center was further refined after experiences in the Dominion War and has proven popular with flag officers.

The refit is still capable of separating the saucer from the stardrive, but unlike the conventional *Galaxy-class*, this is intended as an emergency life boat, and is not capable of extensive maneuvers or extended endurance.



U.S.S. Bonaventure arrives at Starbase 39 Sierra with elements from the 22nd, and 5th Fleets. The *Boanaventure* participated in the *Battle of the Three Suns* and served as the personal flagship of Admiral David Bowman for the duration of the Dominion War.

BACKGROUND

With the encounter with the Borg represented a threat never before encountered by the Federation. Recognizing that Starfleet had no accurate timetable to predict the Borg's arrival, a decision was made to investigate and modify existing technologies to meet the threat. Taking lessons learned from the *Galaxy-class* design, and incorporating some of the new design work from the Perimeter Defense Directive, the dreadnaught was born.

Two *Galaxy-class* Dreadnaughts served during the Dominion War, *U.S.S. Excelsior*, *U.S.S. Bonaventure*, with an additional four space frames under construction. The third vessel, *U.S.S. Vimy Ridge*, has been assigned to peacekeeping duties inside the former Cardassian Empire.

Despite facing a considerable amount of critics during their construction, the *Galaxy-class* refit, served with distinction during the Dominion War, and is proving as adaptable as her explorer based sibling. With the changing state of the Alpha Quadrant, continued uncertainties in the Gamma Quadrant, the *Galaxy-class refit* is becoming a more common sight along the Federation frontiers.

SHIPS IN SERVICE

Name	Registry	Notes
<i>U.S.S. Excelsior</i>	NCC-77426	Assigned to Starbase 12 (prototype), Flagship (+ 5 Command)
<i>U.S.S. Bonaventure</i>	NCC-81845	Participated in Battle of the Three Suns (R4, Battle Tested (+ 5 Tactical))
<i>U.S.S. Vimy Ridge</i>	NCC-71917	Constructed in 2376, participating in peacekeeping operations in Cardassian Space.
<i>U.S.S. Challenger</i>	NCC-51712	Served with distinction as Flagship of the 11th Fleet during the Dominion War (R4, Battle Tested (+ 5 Tactical)).