

Starship Designs

Starfleet Engineering Group
Captain Cleve Johnson, Senior Designer
Captain Michael Gray, Senior Builder

Pioneer-class



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S p e c i f i c a t i o n s

Type	Medium Cruiser
Length	268 meters
Height	45 meters
Width	192 meters
Decks	11
Cruise Speed	Warp Factor 9.5
Maximum Speed	Warp Factor 9.998 sustainable for 22 hours
Phasers	9 Type-12 emitters, 2 Phaser Pulse Cannons
Torpedo System	Launchers (2 fore/1 aft), 50 Quantum/200 Photon Torpedoes
Defenses	Type 7 deflector shields (auto-regenerative), metaphasic shields, 14 cm ablative armor
Auxiliary Craft	4 Runabouts, 1 Type-6 Shuttle, 1 Type-9 Shuttle, 3 Type 5b Shuttles



Pioneer-class

History of the *Pioneer*-class

The USS *Trailblazer* is the second *Pioneer*-class starship to be built. The first, USS *Pioneer*, was designed to be a fast ship that would travel to the Delta Quadrant to rendezvous with the starship *Voyager* that had disappeared in the Badlands in the year 2371. This rescue vessel was being constructed at Utopia Planitia shipyards when the Vendoth attacked the Sol system in 2376. The ship was destroyed. In the aftermath of the Vendoth attack, construction began on the second *Pioneer*-class starship—USS *Trailblazer*. Shortly before the *Trailblazer* was completed, *Voyager* returned to Earth via a Borg transwarp conduit. With the return of *Voyager*, *Trailblazer*'s primary purpose was no longer needed.

Trailblazer was completed, but remained at Utopia Planitia without a designated mission until the Harrell shipyards at Catulla and several other Federation, Klingon, and Romulan installations were mysteriously attacked. In early 2378, the USS *Trailblazer*, under the command of newly promoted Captain Melanie Leeson, was assigned the task of investigate the attacks and stop those responsible.

The USS *Trailblazer* proved to be a ship that is both fast and able to do well in a fight. Starfleet Command, based on the *Trailblazer*'s performance, authorized the construction of seven more *Pioneer*-class starships to be equipped for multi-purpose mission profiles. Due to the sustained high warp velocities of this class, some of the *Pioneers* will be designated and outfitted as diplomatic couriers; whereas others will be designated as long-range scouts/explorers.

Ships of the *Pioneer*-class

USS <i>Pioneer</i>	Destroyed while under construction 2376
USS <i>Trailblazer</i>	Launched 2378, SD 55226.2
USS <i>Swift</i>	Began construction 2378, SD 55677.8

Planned Construction

USS <i>Envoy</i>	USS <i>Mercury</i>
USS <i>Gav</i>	USS <i>Robert Fox</i>
USS <i>Hermes</i>	USS <i>Sarek</i>
USS <i>K'shanik</i>	USS <i>Shras</i>
USS <i>Mark Jamison</i>	



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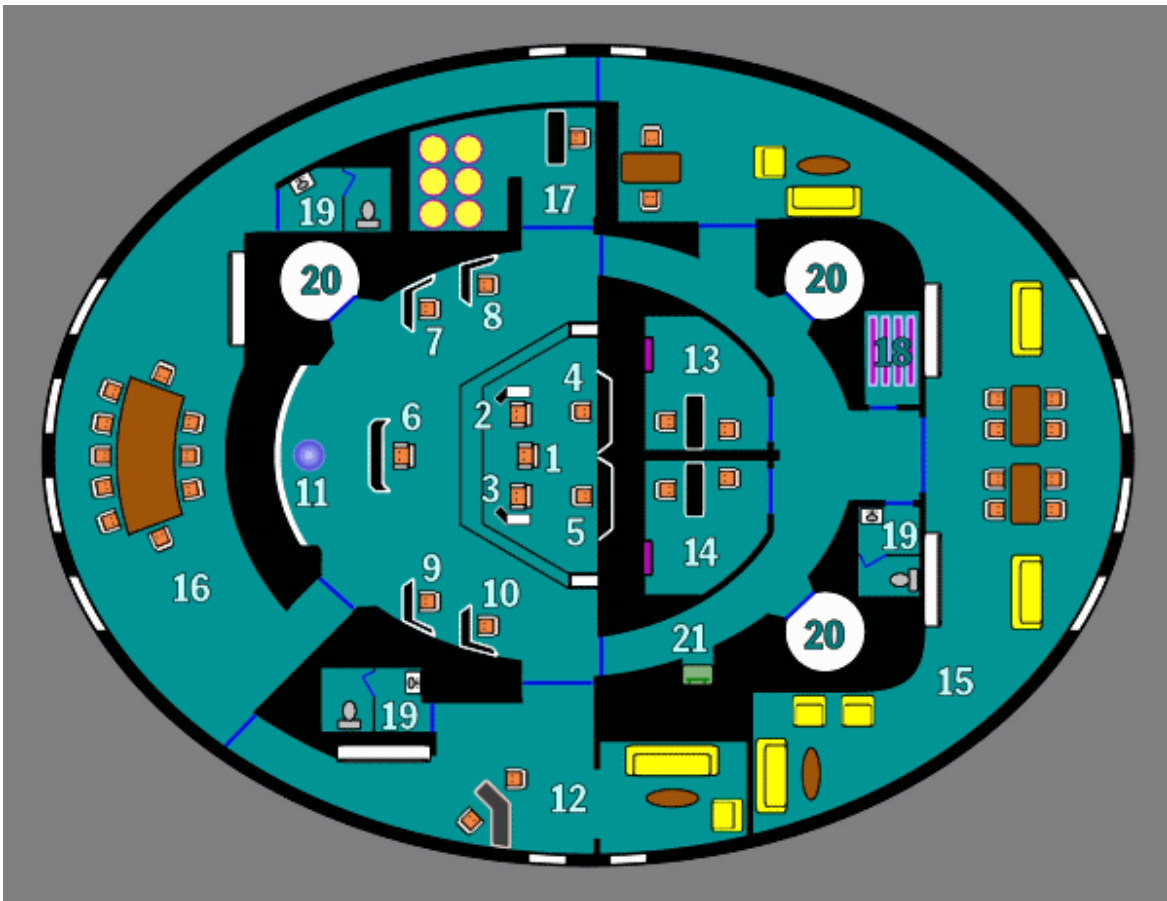
Top Row: USS *Trailblazer* dedication plaque, Transporter room, Typical corridor; Second Row: Armory, Crew Messhall, Sickbay biobed, Engine room; Right: Standard officer's quarters.



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Deck One

- 1- CO/Duty Officer
- 2- XO/VIP
- 3- Tactical
- 4- Engineering
- 5- Mission Operations*
- 6- CONN
- 7- Science
- 8- OPS
- 9- Shuttle Flight Operations*
- 10- Internal Security
- 11- View screen and Holographic Imager
- 12- Ready Room
- 13- XO's Office
- 14- Security Chief's Office
- 15- Officer's Lounge
- 16- Conference Room/Forward Observation Lounge
- 17- Emergency Battery Room
- 18- Emergency Life Support
- 19- Head
- 20- Turbolift
- 21- Gangway to Deck 2

*Stations only manned as required by mission objectives.

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