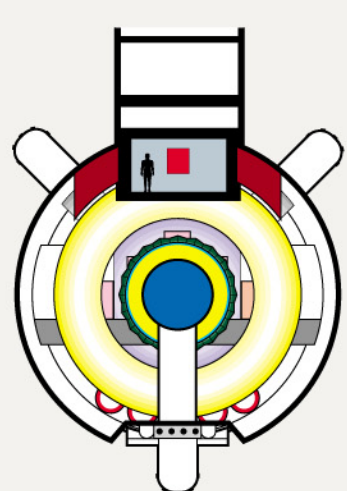
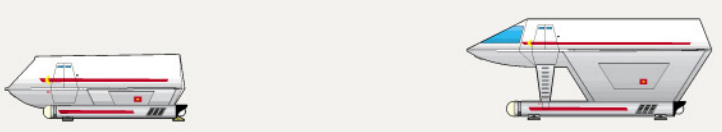
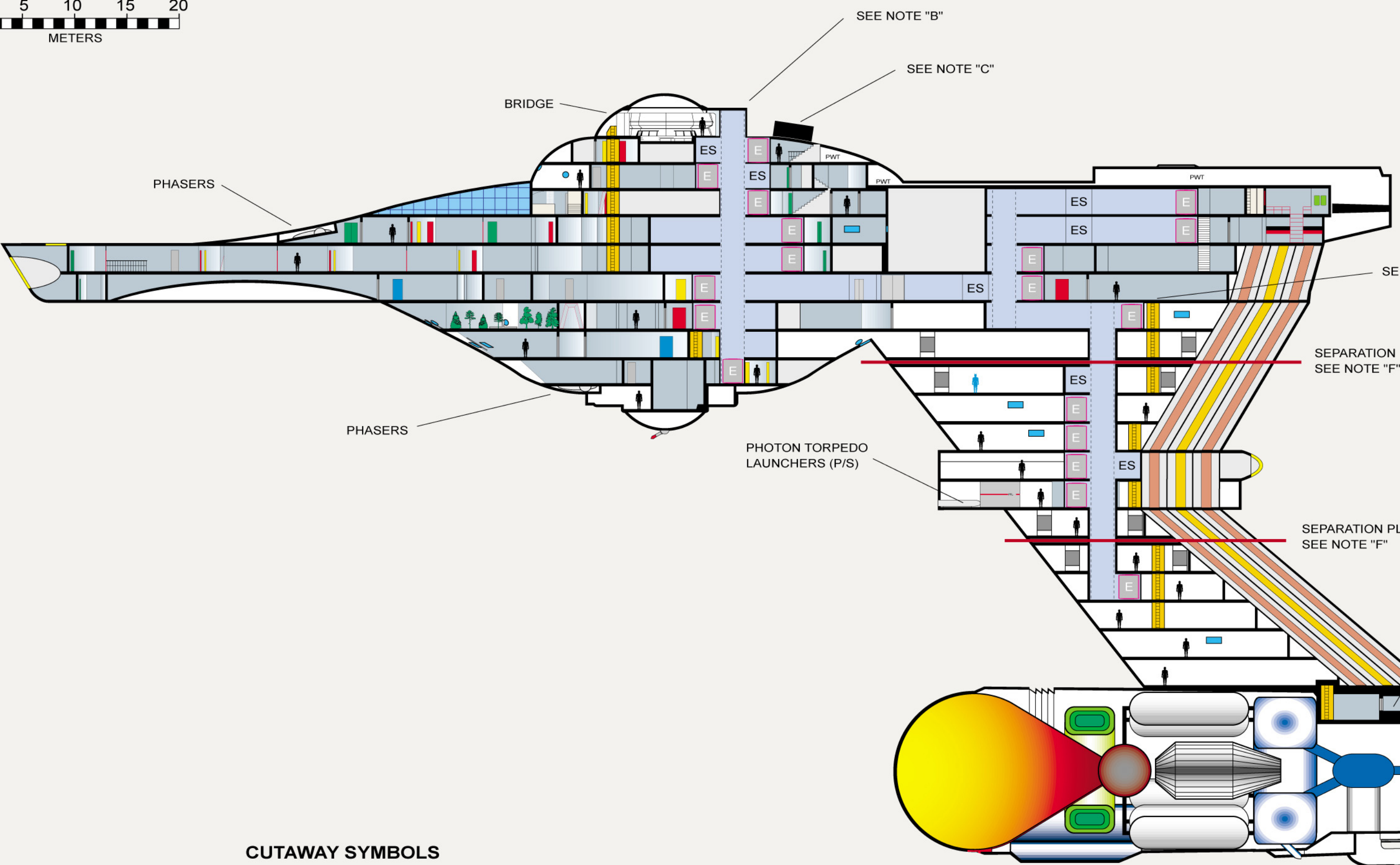




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ENGINE INSPECTION STATION (Cross-section, Looking Aft)

CUTAWAY SYMBOLS

- STRAIGHT WALL
- CURVED WALL
- CUTAWAY ALONG WALL
- INNER FACE OF HULL
- CUTAWAY THROUGH DECK
- CUTAWAY ACROSS WALL
- CUTAWAY THROUGH DOOR
- TREE, SHRUB
- DOORS
- ISOLATION DOORS
- PRIVACY SCREENS
- RECTANGULAR LADDER ALCOVE
- ROUND LADDER ALCOVE
- STAIRS
- RAILING
- JEFFERIES TUBE

ENGINE INSPECTION STATION (Cross-section, Looking Aft)

NOTES

- A** SEE PAGE 1
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 18 for more information.
- B**
The height of the bump behind the Bridge has been increased to allow a turbo-elevator to fit. See Page 9 for more information.
- C**
This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has detached from the Warp Engines and made an emergency landing.
- D**
The undercut on the bottom of the Primary Hull affects Deck 7. However, the connection to the warp engine pylons required reinforcement, so Starfleet Engineers flattened the rear half of the deck. This is shown on Page 15 and discussed on Page 7.

- E**
The Shuttlecraft used here measure 28 feet (8.5 meters) in length, as suggested by the size of the interior set. The studio prop was 21 feet (6.4 meters) which was about 3/4 of the intended size. In one episode of STAR TREK, Captain Kirk mentioned the Shuttlecraft is 24 feet (7.3 meters) long.

Special thanks to Dana E. Lubich for permission to display the Cargo Shuttle design which Dana developed 30 years ago.
- F**
The lower "Separation Plane" jettisons the warp nacelle in an emergency. The upper "Separation Plane" jettisons the Weapons Pod in preparation for hard landings. There are no Landing Legs.
- G**
The Matter-Antimatter Reaction Chamber is heavily shielded and recessed within the Warp Engine nacelle.
- H**
Antimatter is created / stored in the engine nacelles. In an emergency, the red-outlined panels swing open and the antimatter is ejected up and to the rear.