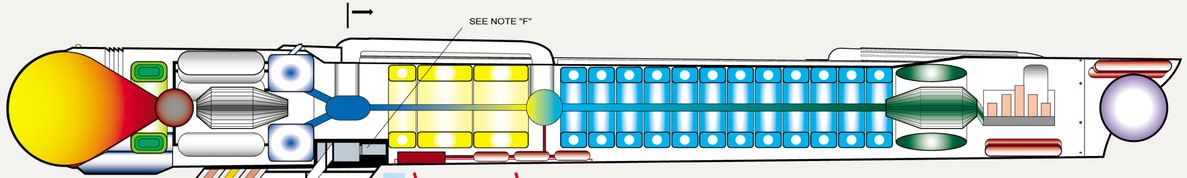
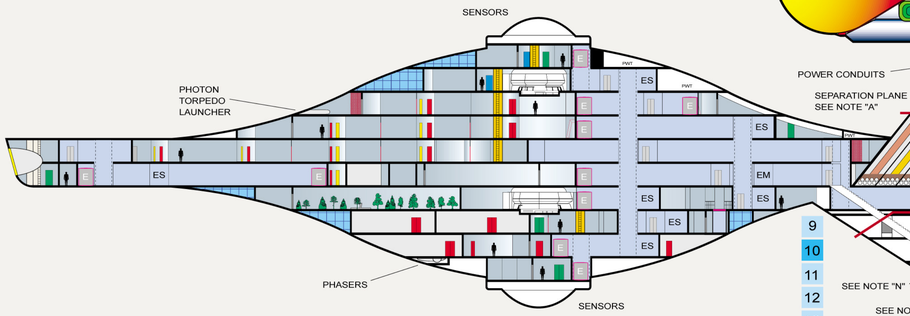
DRAWN BY: Jim Botaitis

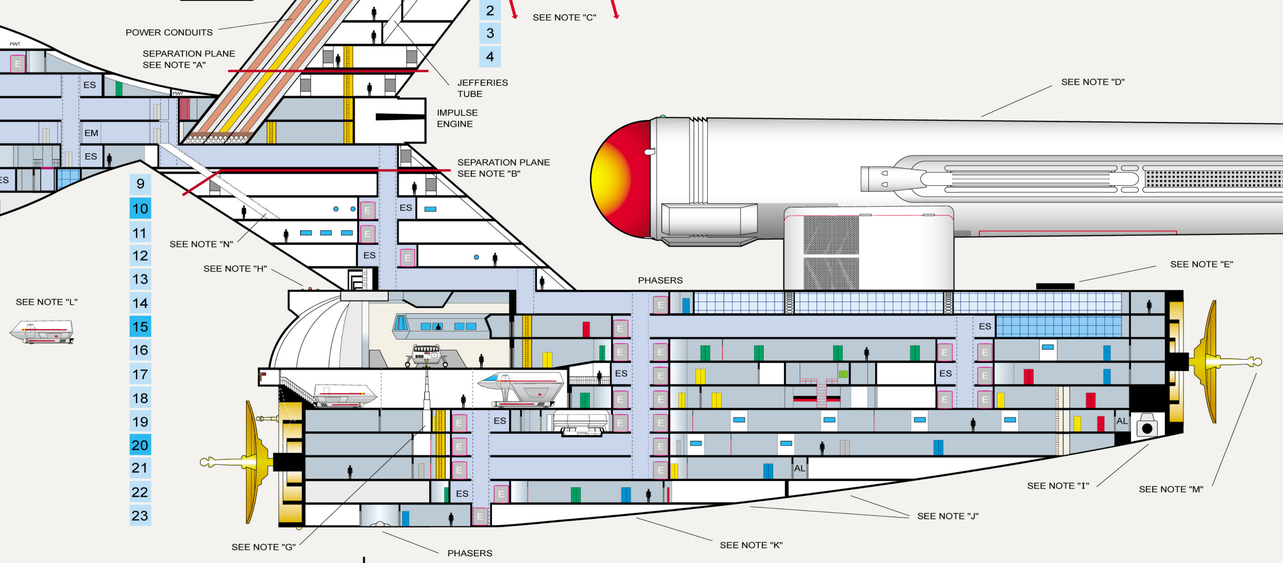
If printed 17 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.

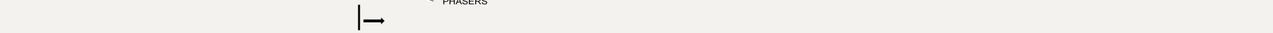
0 5 10 15 20
METERS

DORSAL ENGINE INSPECTION STATION (Cross-section, Looking Aft)





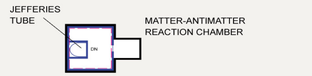




HANGAR BAY (Cross-section, Looking Aft)

SEE PAGE 22

DORSAL ENGINE INSPECTION STATION (Cross-section, Looking Aft)



DORSAL ENGINE INSPECTION STATION (Plan View)

NOTES

A

The location of the "Separation Plane" was determined by the spacing and thickness of the decks.

B

The location of the "Separation Plane" was determined by the spacing and thickness of the decks. There are no Landing Legs.

C

Antimatter is created / stored in the engine nacelles. In an emergency, the red-outlined panels swing open and the antimatter is ejected down and outward.

D

The details of this pylon and engine are shown on Page 7.

E

This is the Deuterium Refueling hatch, located between the 2 red lines which run along the spine of the Secondary Hull.

F

The Matter-Antimatter Reaction Chamber is heavily shielded and recessed within the Warp Engine nacelle.

G

The Shuttlecraft Lift is not necessarily hydraulically operated. This symbol could also represent anti-gravity equipment.

H

These 3 lights could be Hangar Bay flight control lights or Tractor Beam status lights, or formation lights for the ship.

I

The Ion Storm Pod is located at the rear most hatch on the underside of the Secondary Hull.

J

The long rectangular hatch and the polygon hatch on the underside of the Secondary Hull are for oversized cargo. They open into a large cargo space which has its own airlock.

K

The round hatch is for access to the Emergency Transporter room. That area can also provide access to the oversized cargo hold (see Note "J" above).

L

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. Kirk mentioned the Shuttlecraft is 24 feet (7.3 meters) long. A larger Shuttlecraft requires a larger Turntable / Lift. Also, a larger Shuttlecraft requires the Lift to reach down 2 levels.
The turntable is big enough to hold a Cargo Shuttle.
The standard complement for a Heavy Cruiser is 4 Shuttlecraft; for a Dreadnought, the standard complement is 8.

Special thanks to Dana E. Lubich for permission to display the Cargo Shuttle design which Dana developed 30 years ago.

M

The Tractor Beam Emitter is built into the rearward-facing Sensor Dish.

N

These stairs help evacuate the Secondary Hull prior to Primary Hull separation. Being on the port side of the ship, they would not normally be visible in this view, but their location is shown for clarification. See Page 16 for more info.

CUTAWAY SYMBOLS

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