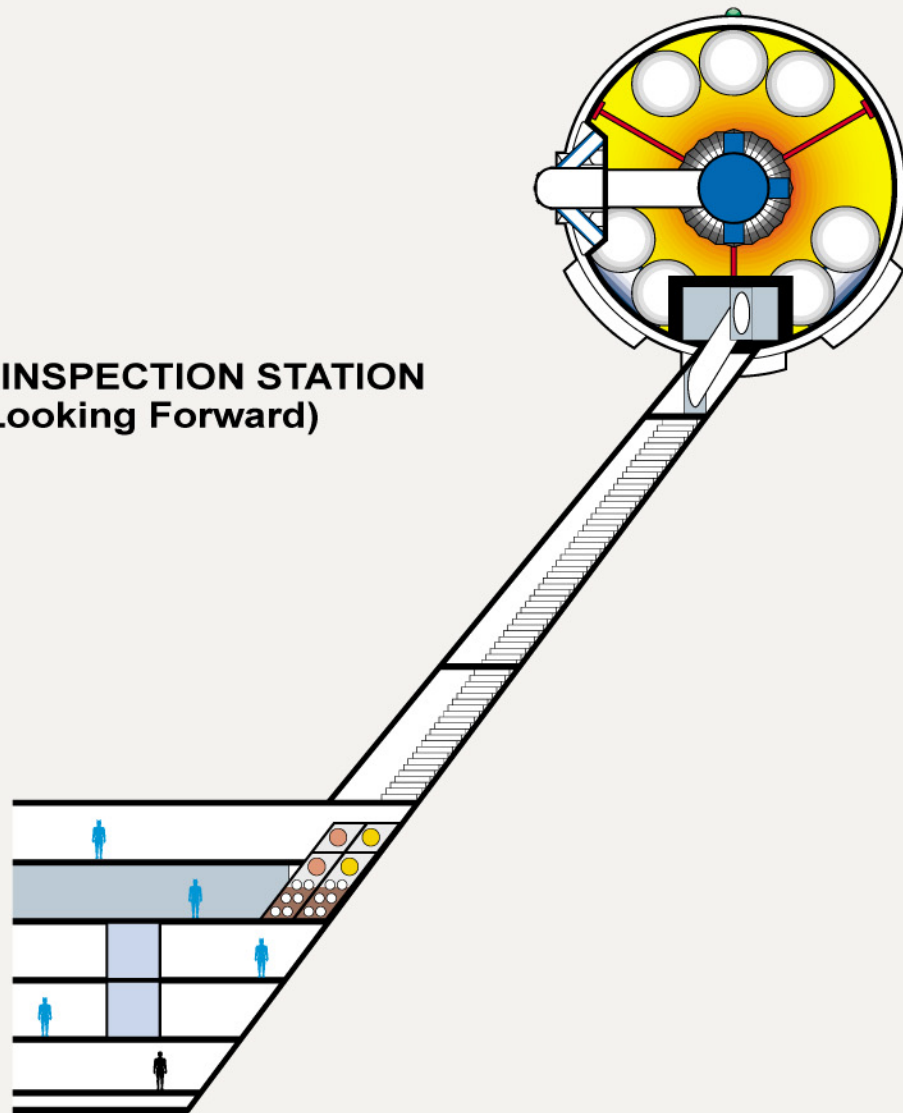
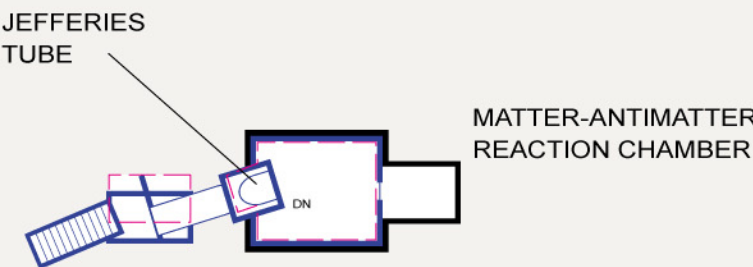




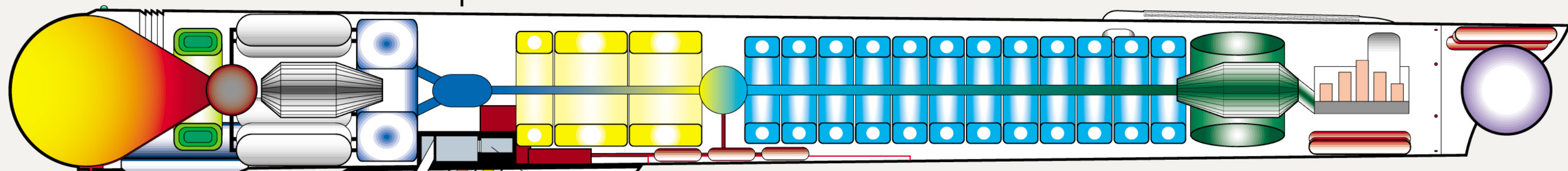
STARBOARD ENGINE INSPECTION STATION
(Cross-section, Looking Forward)



STARBOARD ENGINE INSPECTION STATION
(Plan View)



STARBOARD ENGINE INSPECTION STATION
(Cross-section, Looking Forward)



DISCONNECTION
EQUIPMENT

DISCONNECTION
EQUIPMENT

SEPARATION PLANE
SEE NOTE "F"

SEE NOTE "G"

SEE NOTE "I"

DECK 6

PHOTON
TORPEDO
LAUNCHER

CUTAWAY THROUGH STARBOARD PONTOON AND PYLON

NOTES

A SEE PAGE 1

These 3 pale gold-coloured recessed rings are part of the Tractor Beam system.
See Page 15 for more information.

B

The Tractor Beam Emitter has been moved from the Lower Sensor Dome to the Hangar Bay.

C

This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has detached from the Warp Engine and made an emergency landing.

D

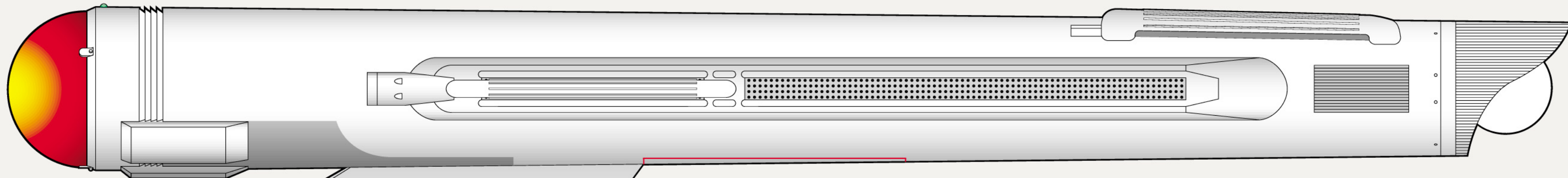
Decks 8, 9, 10, and 11 are extended aft to create a Hangar Bay. This eliminates the undercut of Deck 7 which would otherwise affect the Engineering section.

E

The details of this pylon and engine are shown separately in the view to the right.

F

The upper "Separation Plane" is activated first. The pylons can provide some atmospheric control, or the pylons can be jettisoned using the lower "Separation Plane" if so desired.



SEE NOTE "E"

SEE NOTE "H"

LANDING
PLATFORM

LEDGE

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

G

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

H

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.

I

Antimatter is created / stored in the engine nacelle. In an emergency, the red-outlined panel swings open and the antimatter is ejected down and to the rear. This particular configuration / orientation required the Antimatter Storage Containers to be shifted 40 feet (about 12 meters) toward the rear. The red-outlined panel was also shifted by that same amount.