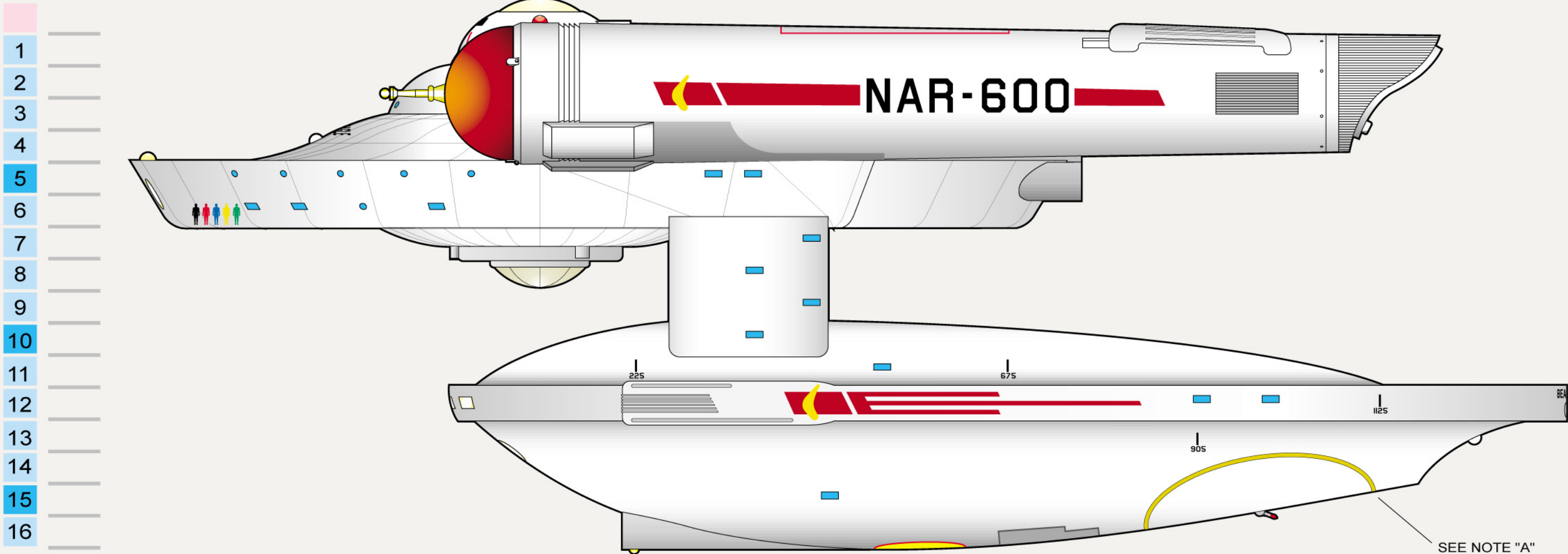




BACKGROUND HISTORY

This project is an extrapolation of the U.S.S. ENTERPRISE drawings developed in the year 2020. Those drawings were governed by 3 criteria:

- (1) The 11-foot-2.08-inch (3.4-meter) studio model,
- (2) The Writer's Guide, and
- (3) The 79 episodes plus the original pilot.

There are no such criteria to guide these drawings, but the basic design philosophy is to complete this ship in the same style that Franz Joseph (FJ) developed for his Technical Manual and in the same style as his Heavy Cruiser blueprints. The goal is to try and fit all the components inside the hull. But what are "all the components"? What are the roles of "Survey Vessels" in the STAR TREK universe?

On Earth in the 20th Century a "Survey Vessel" was a specialized ship equipped with advanced technology to map the ocean floor and assess underwater environments. Such vessels were used to create precise navigational charts, and aid in resource exploration.

In Star Fleet, a "Survey Vessel" is a specialized starship designed to map uncharted space, study spatial phenomena, and analyze planets for potential colonization or scientific interest. Such a ship is somewhere between a Fast Scout and a heavily equipped Science Ship, emphasizing sensors and speed over combat capabilities.

Information from the episode "Bread and Circuses" as well as background data relating to various drafts of the script reveal that this ship was a non-government ship, part of the MERCHANT SERVICE. The S.S. BEAGLE was never seen in the episode. Was this ship the predecessor of the OBERTH-Class? See Page 19 for more info.

CONSTRUCTION NOTES

In my profile drawing (at the top of this page) the light grey horizontal lines show the initial deck locations. They represent a constant 8 foot ceiling throughout the entire ship, continued upwards and downwards from the starting point, Deck 6 and Deck 7.

A Matter-Antimatter Reaction Chamber is within each Warp Engine nacelle. Each is accessible from Deck 6 via Jefferies Tube.

The Pylons are thick enough to fit Stairs

CONSTRUCTION NOTES (continued)

and a Turbo-elevator shaft.

The Secondary Hull shown is one of many module designs. Each ship can have a new module attached, depending on the mission.

GENERAL NOTES

Are the wide steps in Engineering considered to be "stairs"? Are the steps on the Bridge considered to be "stairs"? Perhaps stairs do not appear in any episodes, but that does not mean they do not exist in Starfleet ships. Therefore:

1. The Escape Hatch on Deck 2 has been deleted but the access stairs for that hatch have been reconfigured to help connect Decks 2, 3, and 4.
2. Stairs connect the Matter-Antimatter Reaction Chambers inside the Warp Engine nacelles to the Engineering sections on Deck 5. From there, stairs continue down to the Engineering sections on Deck 6.
3. Stairs within the pylons connect the Primary Hull to the Secondary Hull. They are aft of the turbo-elevator shaft.
4. Stairs connect Decks 13, 14, 15, and 16 to allow cargo to be moved more easily through the ship.

Aside from these stairs, the rectangular ladders (within rectangular alcoves) and the triangular ladders (within circular alcoves) supplement the turbo-elevator system. If that system fails, or in some other emergency, ladders alone would not be very efficient; it is easier to carry something up stairs than up a ladder.

There are external features that do not need to be marked: hatches for the Phasers, hatches for the Photon Torpedo Launchers, and the Primary Hull / Warp Engine disconnection line, to name a few. These drawings attempt to make sense of the markings that ARE visible on the studio model of the ENTERPRISE, all of which are then extrapolated onto this ship.

More notes relevant to each deck appear on the following pages.

Contradictions and errors exist within the episodes. I am sure 100% continuity is not possible.

I hope these pages provide you with some pleasure, information, and ideas for contemplation / consideration.

If I missed something, please let me know.