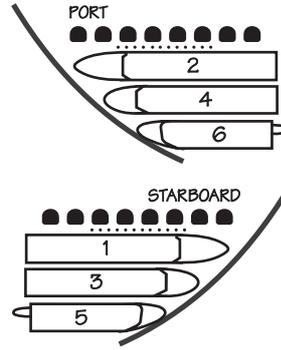


TORPEDO TUBE SET

The Revell 1:72 Gato kit can be greatly improved with replacement parts. The AMP torpedo tube comes with the outer door (muzzle door) and a torpedo nose.

AMP replacement parts are designed from actual Gato and Balao plans and photos, with only minor tweaks for scale and kit issues.

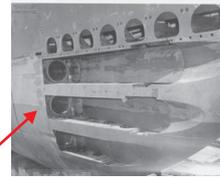


1. CUT OUT SHUTTERS

REMOVE the kit shutter where your tube will go.

2. THIN HULL

THIN the hull where the tube will go. This is to make the hull a realistic looking thickness, in scale. In a perfect world it would be thinned to 0.010" or .25mm, but this may make the plastic too weak. Go as thin as you dare.



THIN DOWN HULL NEXT TO TUBE

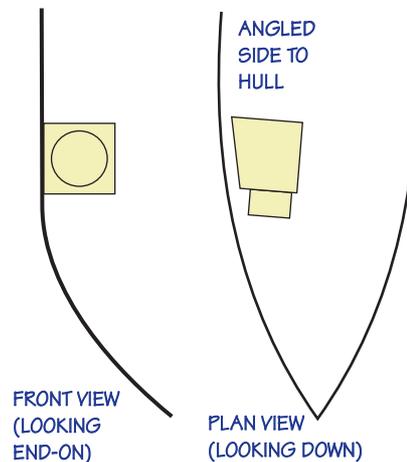
3. GLUE

GLUE the tube in place with superglue (CA or Cyanoacrylate). **NOTE: The angled (non-square) side of the cube goes against the hull.** This points the tube straight ahead, aligning it with the shutter opening.

Glue the torpedo nose inside.

Glue the door ("hatch") in place. **NOTE: Use photos and illustrations for guidance.** On the real boats there was a rounded/triangle piece below that held the hinge pin. This is not really visible on a 1:72 scale model, but you can fashion a piece from sheet plastic if you wish. (see page 2 for photo "Tube Details")

The cube represents a flat, thin bulkhead. You may wish to continue this with sheet plastic, so that when looking inside, your model looks like the sample photo.



4. PAINT

Paint the INTERIOR of the bow FLAT BLACK.

Paint the interior of the TUBE a gold colour, to simulate BRONZE. Also paint the torp nose a bronze (very dirty and well greased). Exterior should be black, and quite dirty from seawater.

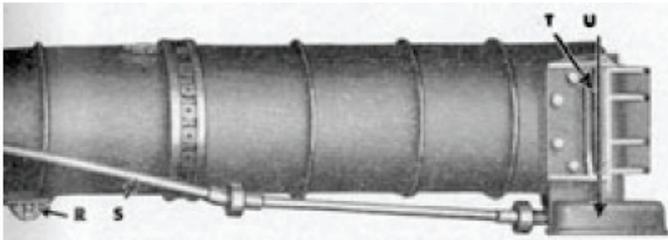


Figure 18 INBOARD SIDE

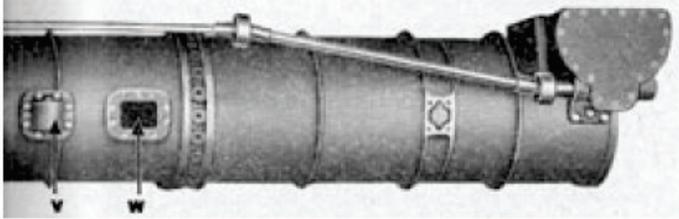
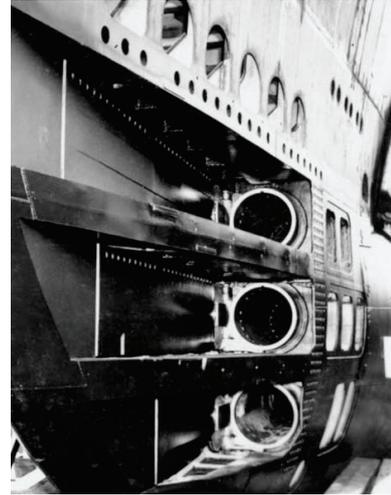
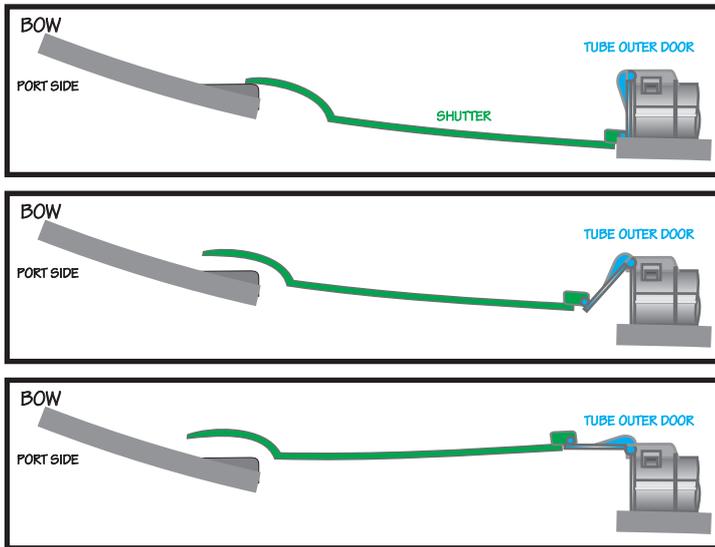


Figure 19 BOTTOM OF TUBE



TUBE DETAILS

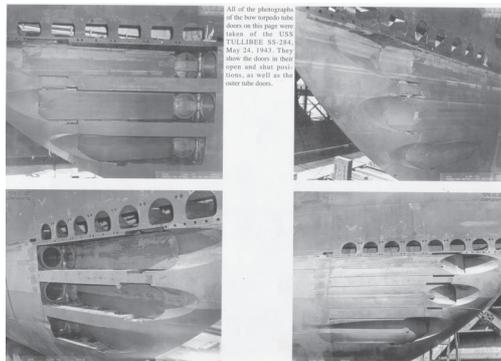


SHUTTER AND MUZZLE MOVEMENT (LOOKING DOWN)

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All of the photographs of the bow torpedo tube doors on this page were taken of the USS TULLIBEE SS-284, May 26, 1943. They show the doors in their open and shut positions, as well as the inner tube doors.

Special thanks to **Steve Wiper** at classicwarships.com for allowing us to use photos from his **Warship Pictorial series #28**. Every WP is a high quality production and a treasure trove of research photos. Steve and his team, in addition to hard work, must have a time machine and/or keys to the warehouse from the *Raiders of the Lost Ark* series, because the information is amazingly in-depth, accurate, and well presented, and not found anywhere else. RUN to the site and buy up the books, because they will be among the best model/history purchases you ever make.