

# Bow Shutters for GATOs (1:72)

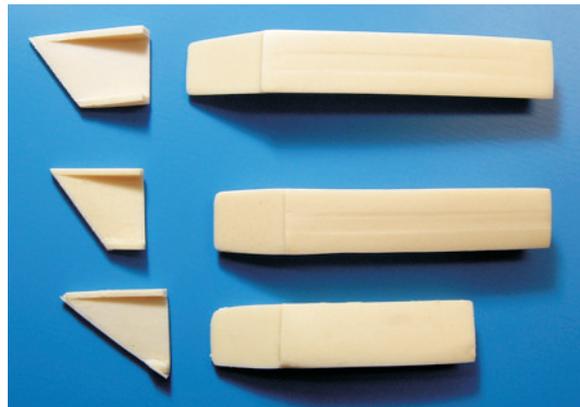
The Revell 1:72 Gato kit, generally accurate, has odd shutters: They are molded as part of the hull and cannot open, they stick out rather than sit-in, and they have in-scale seams about 2-inches (5cm) wide! There were also three major styles of shutter.

AMP shutters correct the kit errors, and are modelled photos and plans. This AMP set is appropriate for Gatos with the flat/angled Balao style shutter.

The AMP shutters can be displayed closed (this set), or open (with the added AMP Torpedo Tube and Outer Door set USN-TORTUBE-072). Stern Shutters will be available as an AMP PhotoEtch set (USN-TORSHT-S-072).



Gato Bow - Warship Pictorial 28 - Gato Type Fleet Submarines by Steve Wiper



For detailed motion, see: [http://amp.roknet/1\\_72\\_gato\\_sets.shtml](http://amp.roknet/1_72_gato_sets.shtml)

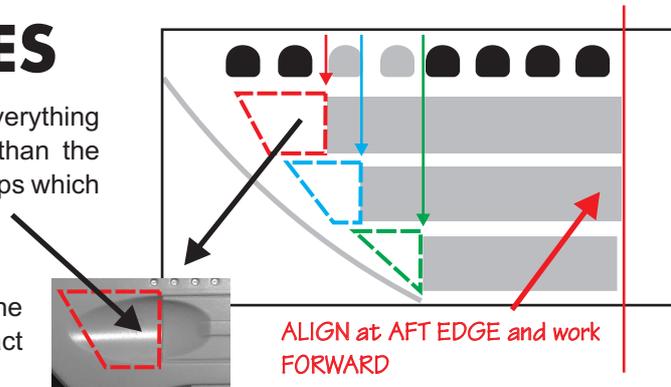
AMP + Accurate Model Parts

<http://amp.roknet.biz>

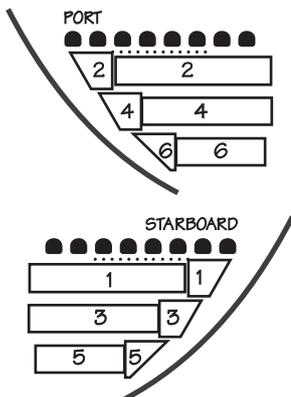
## MARK CAVITIES

Before removing any plastic, mark everything carefully. The "bow triangles" are wider than the shutters because of their Top and Bottom lips which will be flush with the hull when fitted.

Align shutters to the AFT part of the slot/cavity, and work forward to find the exact position of the Triangle Bow pieces.

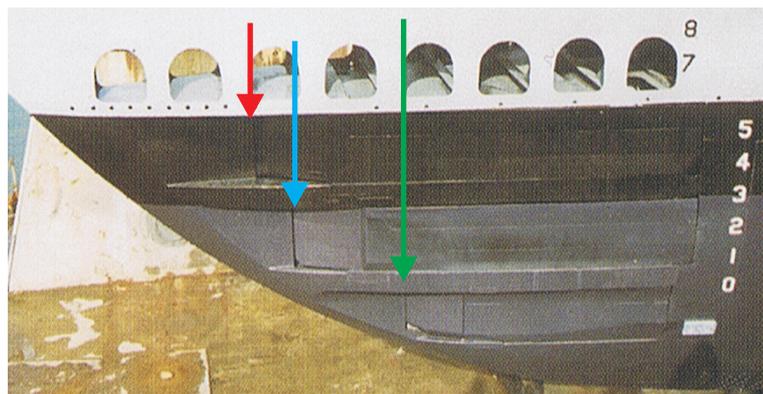


Line up shape with drain holes above (even if your boat will eventually have a different hole pattern).



Each shutter is numbered on the end

#5 and #6 are thin so have dots:  
5= ●●●  
6= ●●●

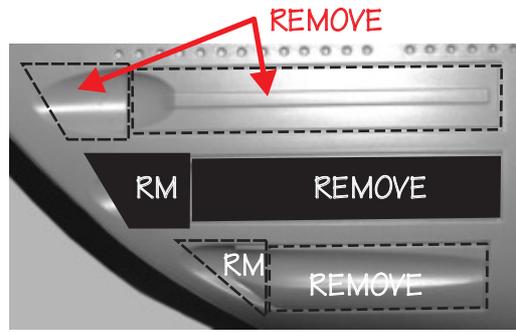


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## 2. CUT

Cut LESS all around, and then clean/expand with a file until the AMP resin parts fit each hole snugly.

Cut with a Dremel rotary tool if possible (using the pointy cutter DRE125 or similar), or drill a few small holes to start a slot for cutting manually with an X-Acto blade (#11 recommended).



## 3. GLUE

Glue shutters in place using thin plastic strips/wedges behind. To display a shutter open, use optional AMP set USN-TORTUBE-072 **first**.

Note that each shutter tip sits BEHIND the bow triangle piece a bit. The triangle has been cast thin, but do to casting limitations, should be filed a tad thinner at the overlap point.

### PLAN VIEW (LOOKING DOWN)



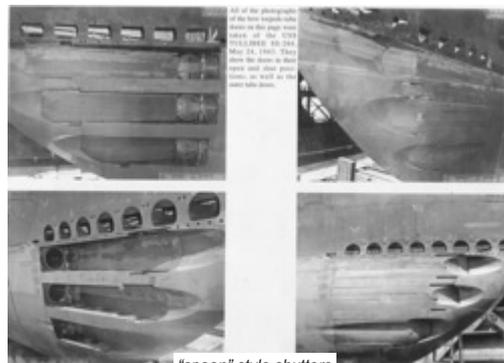
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## WARSHIP PICTORIAL SERIES



[www.classicwarships.com](http://www.classicwarships.com)



"spoon" style shutters

Special thanks to **Steve Wiper** at [classicwarships.com](http://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.