

Northumberland Strait 45' Lobster Boat



The Northumberland Strait lobster boat can be seen all up and down the coast of the Northumberland Strait in the Gulf of St. Lawrence. Easily recognized by their pronounced flare in the bow area to help knock down the short but steep waves often present in the Northumberland Strait. The fore and aft lines of the hull are straight and the bottom is relatively flat aft of amidships. The end result of this design is an easily-driven hull capable of semi-planing speeds. This makes the boat well suited for this area of fishing. Boats range in size from 42' to 45' in length and a beam between 12' and 14'. The boats are generally powered by 350-600hp diesel engines giving them speeds of around 20-25 knots. Construction methods have changed over the decades from wood over to fibreglass giving them a longer life span and require less maintenance.

The kit incorporates many features of the typical Northumberland Strait boat design but is not modelled after a specific hull or builder. Time period would be anywhere from the mid 70's to current.

Typical Specifications

Length	42'-45'
Beam	12'-14'
Draft	3' 6" - 4'
Freeboard Bow	6' - 7'
Freeboard Stern	3' 6" to 4' 6"
Power	Diesel 350-600hp
Prop	24"-26" fixed pitch
Crew	3



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About building this kit

Using a hobby knife carefully remove parts as needed from the trees. **Do not force parts into position**, you will find that most of the parts will interlock using a friction fit to hold in place. We do however suggest using a white glue that dries transparent to securely hold the parts into position.

Recommended Tools and :

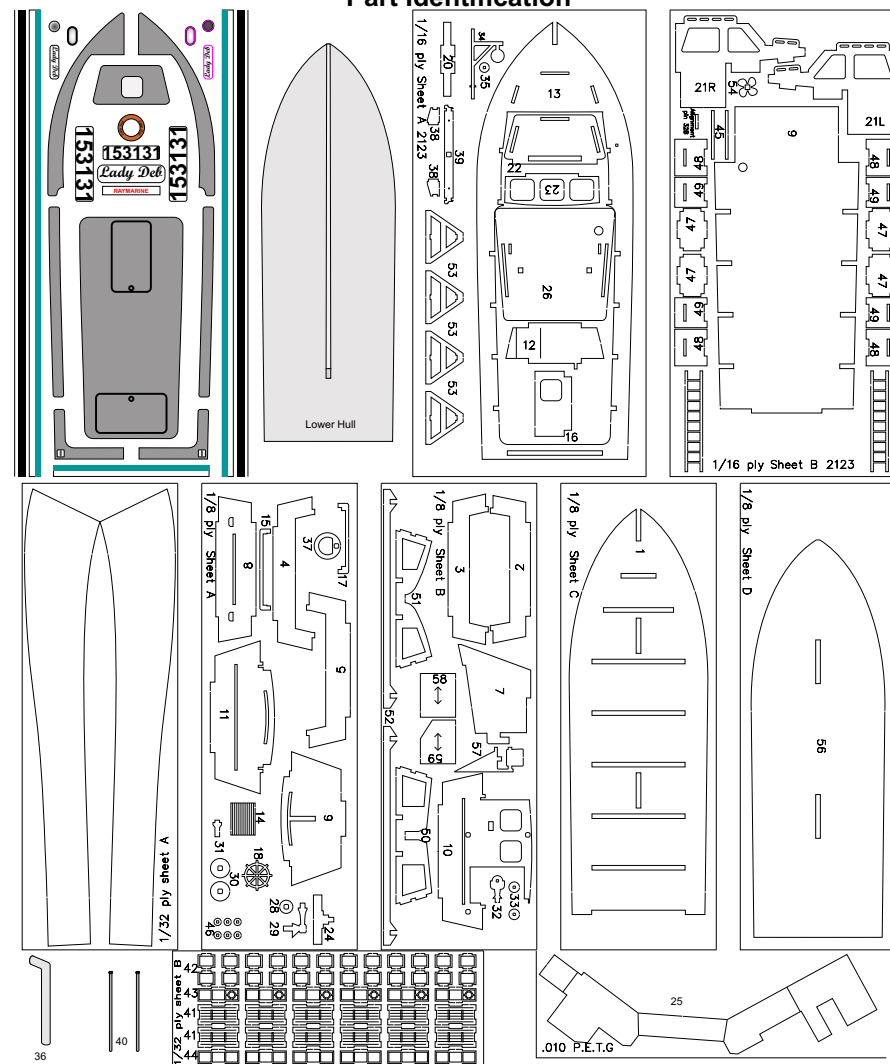
Hobby Knife, Scissors, White Glue, Tweezers, Clamps, 120g sandpaper, Masking tape, side cutters.

Indicates do not glue part or assembly Clamp part Sand

Paint colours
For ease of cleanup use acrylic paint
Colours are not matched to any specific brand and are meant as a guide only

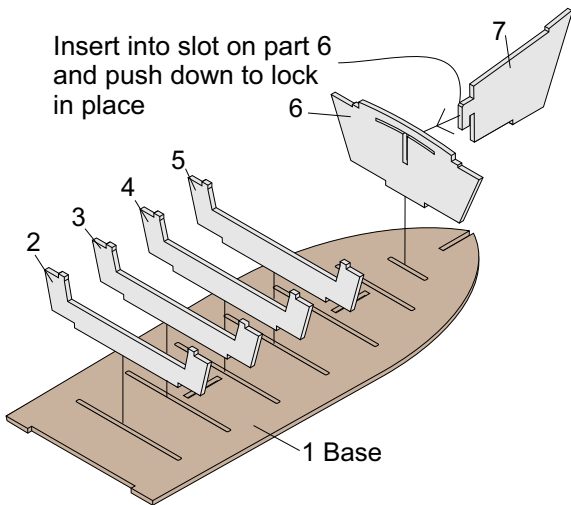
White	Orange	Red	Green	Silver
Brown	Med Blue	Med Gray	Leave natural	

Part Identification



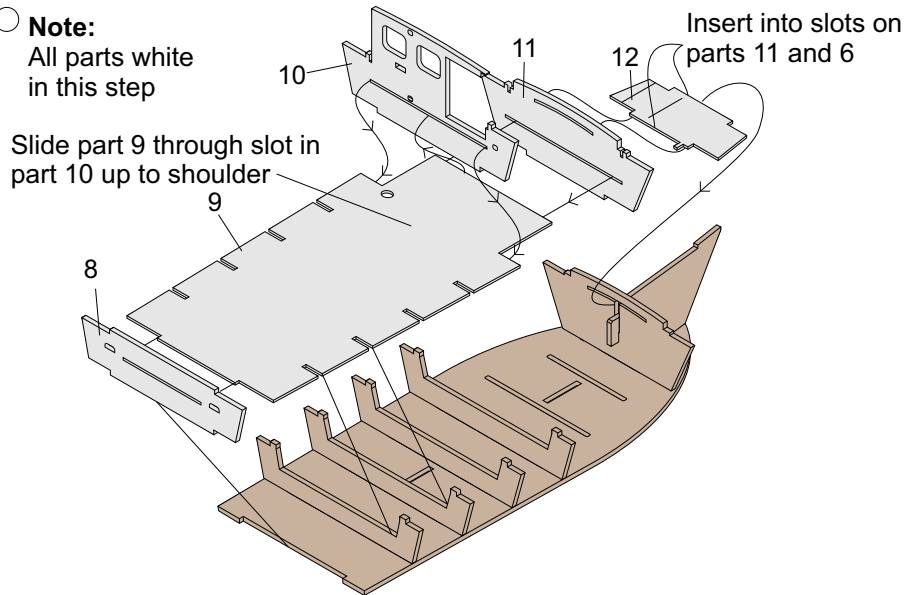
Step 1 Hull frames

○ **Note:**
All parts white
in this step



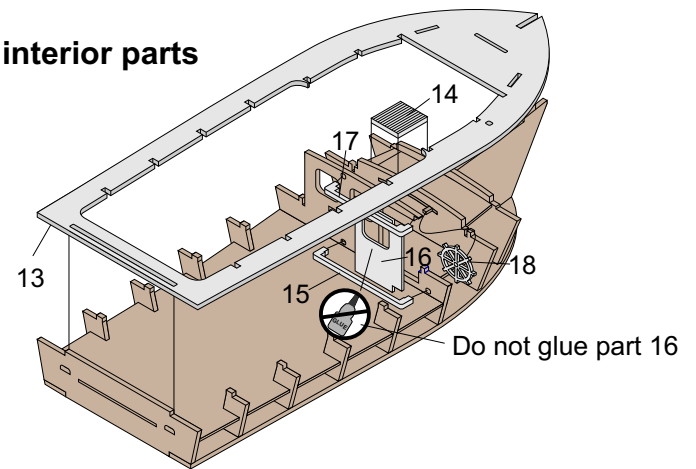
Step 2 Hull frames con't

○ **Note:**
All parts white
in this step



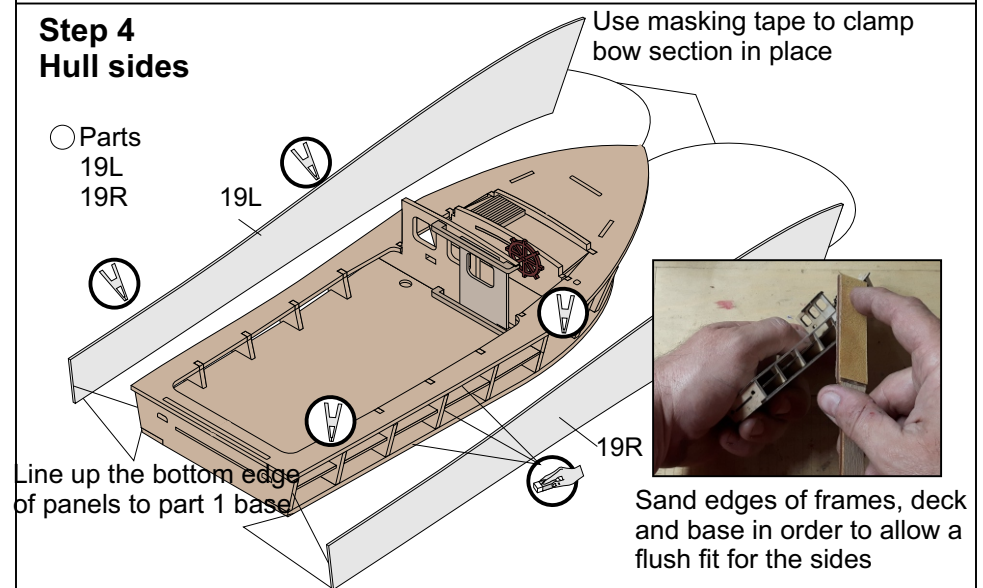
Step 3 Deck and interior parts

○ Parts
13
15
16
17
● Parts
14
18



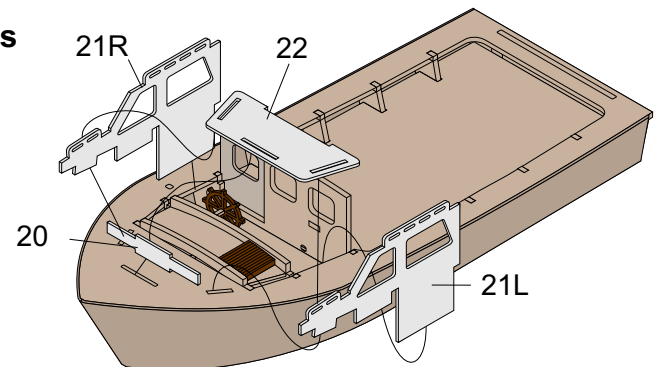
Step 4 Hull sides

○ Parts
19L
19R



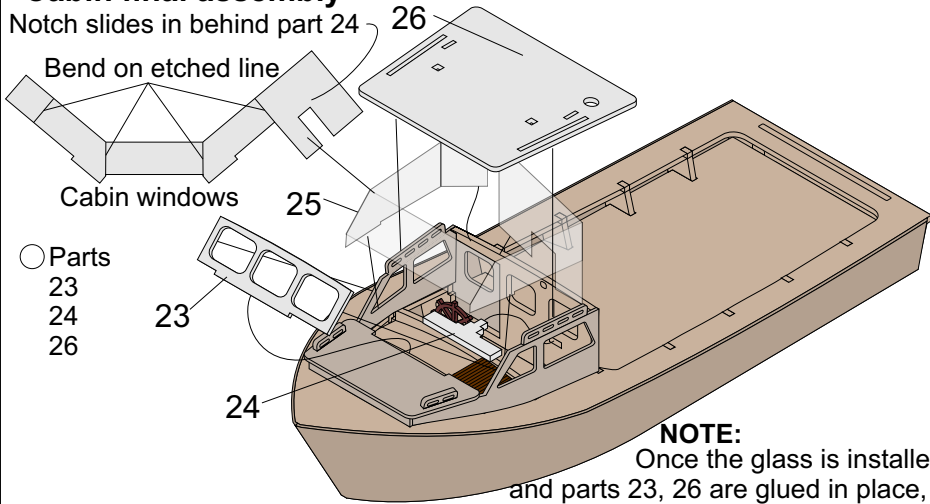
Step 5 Cabin sides

○ Parts
20
21L
21R
22



Step 6 Cabin final assembly

Notch slides in behind part 24

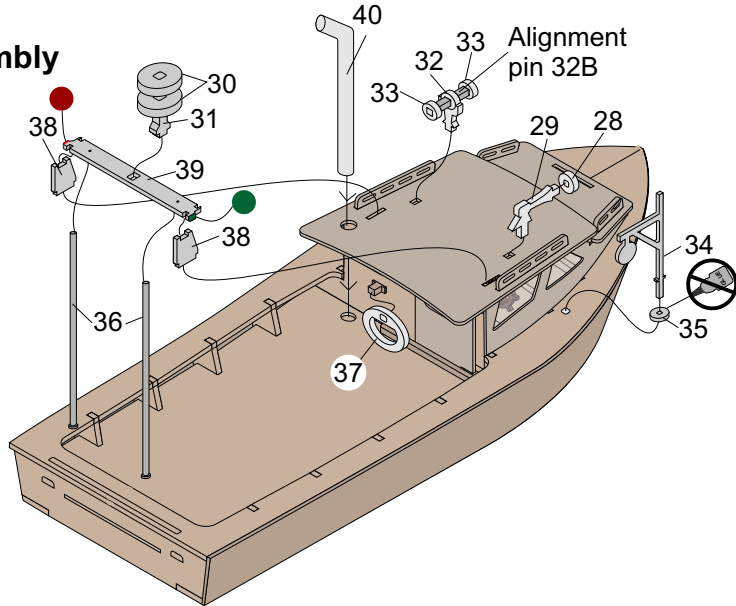


- Parts
- 23
- 24
- 26

NOTE:
Once the glass is installed and parts 23, 26 are glued in place, paint the hull and deck white

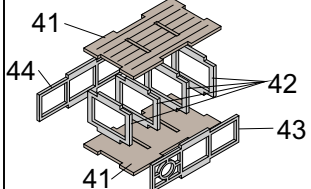
Step 7 Final assembly

- Parts
- 30
- 31
- 36
- 38
- 39
- Parts
- 28
- 29
- 32
- 33
- 34
- 35
- Parts
- 37



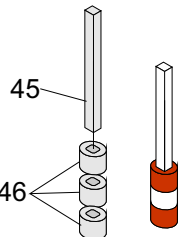
Step 8 Traps

● Leave natural
Etched lines
face out



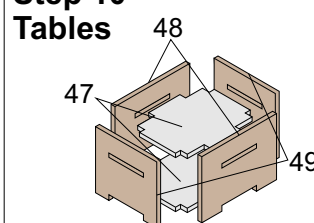
Step 9 Buoy

- Parts
- 45
- 46
- Paint
- 46



Step 10 Tables

● Leave natural

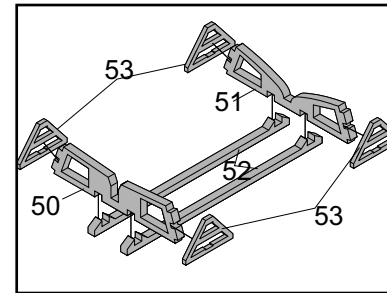


Lower Hull Assembly and installation

This kit can be displayed two ways, as a waterline model or as a full hull display. Skip these steps if displaying as a waterline model and go to the final details.

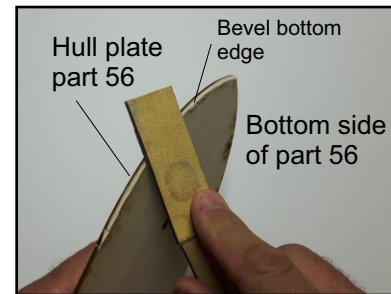
Step 1 Stand / Cradle

The design of the stand is to look like a typical cradle that workers would use to do maintenance on the boat while out of the water.



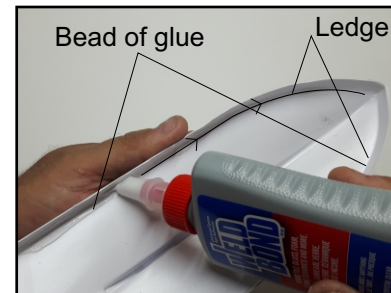
Step 2 Hull Plate

Bevel the front third of the bottom edge of the hull plate, part 56



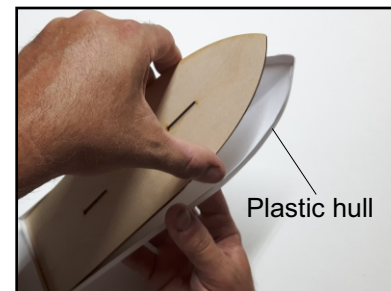
Step 3 Applying glue

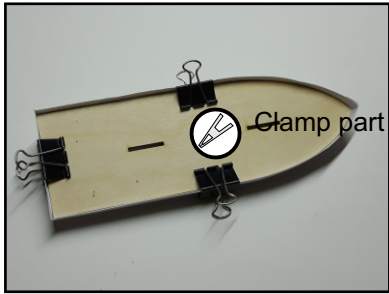
Apply a bead of glue around ledge. White glue (recommended) or a instant set type of adhesives may be used.



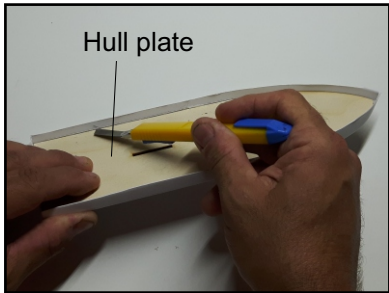
Step 4 Hull plate installation

Insert part 56 hull plate, into the plastic hull. (bevelled edge at the front facing down) making sure the bottom edges of the plate are sitting on the ledge.



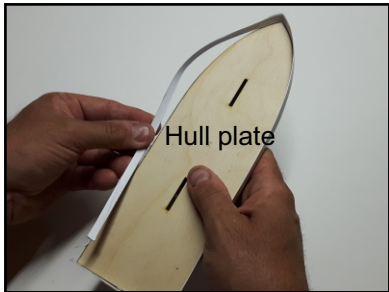


Step 5 Clamping hull plate
Clamp the hull plate making sure the hull plate is in contact with the ledge.

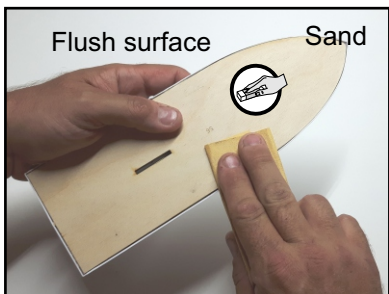


Step 6 Trimming
Once glue is dry remove the excess plastic above the hull plate. Use the hull plate as a guide.

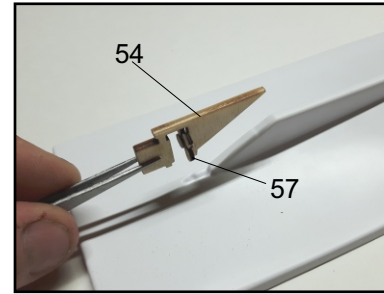
Tip
Don't try and remove all the plastic at once. Score along the edge several times with a sharp knife and you will find the plastic will break away.



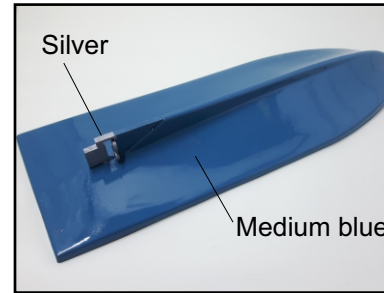
Step 7 Trimming Continued
Remove the scrap plastic very carefully making sure you keep flush to the top of the hull plate.



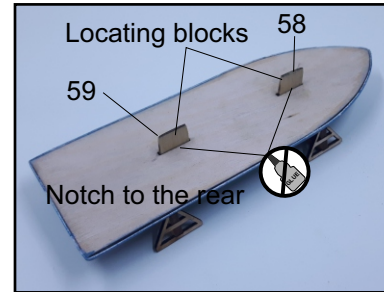
Step 8 Surface prep
Sand the edges of the hull and top plate smooth. This will ensure a good flush fit to the bottom of your model.



Step 9 Rudder and propeller
Turn the hull over and glue in place part 3 rudder and part 4 the prop.



Step 10 Finishing lower hull
Paint the hull a colour of you choice, we suggest a medium blue. Paint the rudder and prop silver.



Step 11 Locating blocks
Insert the locating blocks into the slots on the top plate. The blocks should touch the bottom of the plastic hull. Only glue these if you intend to display the model as a static display.



Step 12 Joining upper / lower hull
Insert the lower hull locating blocks into the slots on the bottom of the upper hull. Some sanding may be needed. The slots on the lower hull plate are a bit longer to allow the lower hull to slide back or forward. If you have decided to glue the lower hull in place you can add the vinyl pinstripe along the seam where the two halves come together. See next step.

Adding Pin Stripping



Step 13 Start the pinstripe #16 from the rear and work forwards. Use the same method of applying large decals described earlier. White side of strip should face down.



Step 14 Cut off remaining pinstripe and repeat for the other side.



Step 15 Place the shorter pinstripe in the centre and wrap the edges around the side of the hull.



Congratulations!
Now onto the final details

Applying decals

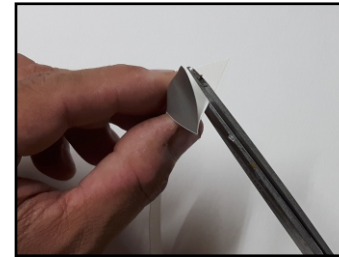
Tools needed to apply decals

Scissors
Utility knife

Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to lose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.



Cut out each decal as close to the edge as possible. Only cut out decals as needed.



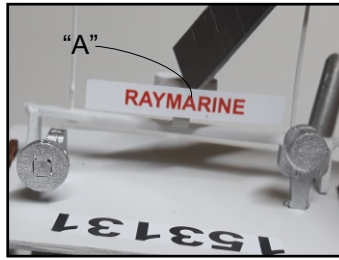
For the large decals, remove about a 1/4" of the backing and cut off with scissors.



Place the exposed section on the surface making sure that your decal is properly aligned on the part. Peel and cut backing off in stages.



Slowly remove the backing making sure the decal is staying aligned on the surface.

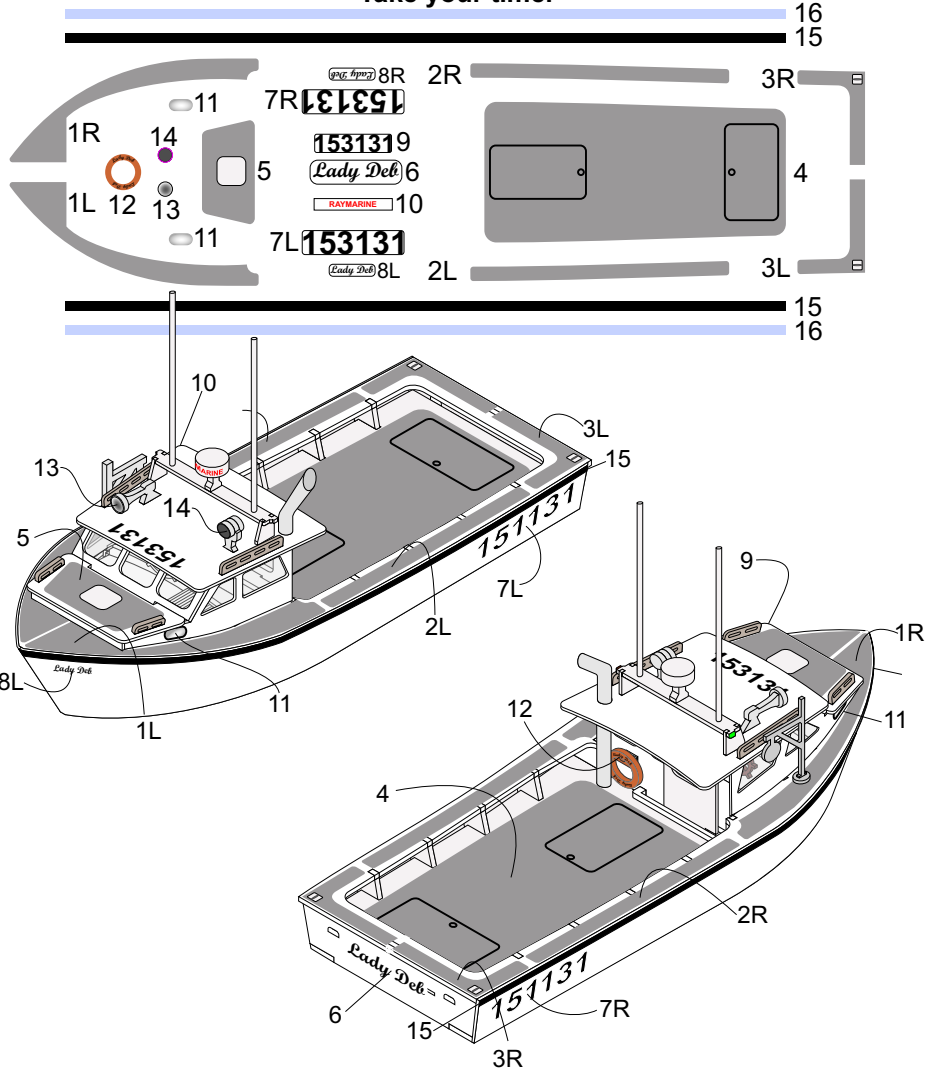


For small decals you may use a small utility knife to remove them from the backing and place in position.

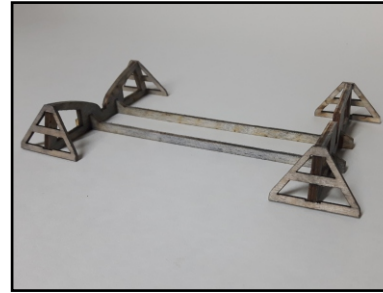
Line the "A" up with the pillar in order to find the centre then wrap around

Decals should be placed into position in numerical order. You will need to remove the hoist on the right side to apply the side decal.

Take your time.



Final Details



Apply a light black wash onto the stand to give an appearance of weathered wood.



Arrange the traps and crates in a shape of a "T" Place the buoys randomly around the crates. Add a bit of brown thread (not included) rolled up as a coils and place beside the traps.

Displayed with a full hull



Displayed as a waterline model

