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ALL 20,000 LEAGUES UNDER THE SEA NAUTILUS PAPER MODEL ARTWORK ©2004 ROBERT NAVA.  
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Within this document lies the 20,000 Leagues under the Sea Nautilus Paper Model—a project created at the Disney Experience. When completed, the model should be approximately 20 inches long. Please note that this project is not recommended for children. Assembly requires an abundant amount of time and patience which most children may find very frustrating. Parents: if you insist on letting your child assemble the model, please assist them.

You will need a pair of scissors, an x-acto knife, and glue to assemble the Nautilus. As with any project using any type of adhesive, you should always work within a well-ventilated area. A good light source is also important, as there are several small pieces. Also use EXTREME caution when you use an x-acto knife; it is very sharp and can easily cause severe injury!

Print out all of the pages if you haven't already done so. Color is preferred, but you may print in black & white if you wish. If you're a Disney buff like myself, you may want to invest in some good paper. Or you can really go all-out and have it professionally printed on a laser printer. A local printing shop—such as Kinko's—*might* be able to assist you. Because the files are in .pdf format, a print shop will need a computer with Adobe Acrobat Reader installed and possibly an Internet connection. But that's a pricey way to go.

Look through the pages, and become acquainted with the various pieces. Read the instructions and study the illustrations to know what to cut. Before gluing, always dry-fit the pieces to ensure that they fit. If they don't fit, you may have the wrong pieces. Some major pieces are made up of more than one piece. Piece 2, for instance, is made up of pieces 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, and 2J. When assembling the model and following the instructions, do not take the illustrations too literally. In many cases, pieces will be simplified. Other times, pieces (or entire sections) may be missing that were once displayed. This does not mean you should disassemble your model—ever. Some pieces may also have been slightly modified after the publishing of this document. In those cases, the pieces will look slightly different from their instruction image.

Have fun building the Nautilus!



Trader Sam

Webmaster, the Disney Experience

## **INSTRUCTIONS**

**STEP 1.** Begin by cutting out pieces 1A-1J and pieces 2A-2J. Assemble pieces 1A-1J; everything is numbered, so you'll know where everything goes (hopefully). Assemble pieces 2A-2J, and you'll have the upper and lower hulls of the Nautilus!

**STEP 2.** Lay pieces 1 & 2 on their bellies, exposing their interiors. Glue pieces 3A-3D to the inside of piece 1, making sure that the printed sides of pieces 3A-3D are facing downward. Repeat the same process for pieces 4A-4D, gluing them to piece 2.

**STEP 3.** Cut out (optional) the white areas inside pieces 5A & 5B with an x-acto knife, and glue the two pieces together. When it is dry, glue piece 5 to the bottom of piece 1, along the center line.

**STEP 4.** Glue 6C to 6B via the tabs. For the part after the tabs, glue 6C directly to 6B, but keep a good portion of the end unglued. The rudder piece will be sandwiched between 6C & 6B later on. Glue 6A to pieces 6B & 6C. You should now have a piece that tapers from 3-dimensional into 2-dimensional.

**STEP 5.** Glue piece 6 to the bottom of piece 1 when dry.

**STEP 6.** Fold the two loose flaps on both sides of 7A upward. Assemble 7A-7J.

**STEP 7.** Glue 8A to 8B. Use an x-acto knife and cut along the white line on piece 8B. Glue 8C to 8D, not gluing the tabs together. Slide piece 8C/8D through the slot in 8B, then glue the tabs of 8C/8D to the underside of 8B.

**STEP 8.** Glue 8E to 8F and glue 8G to 8H. Glue piece 8E/8F and 8G/8H to piece 8A/8B. DO NOT glue the tips of 8E/8F and 8G/8H together! Glue piece 8I to pieces 8E/8F and 8G/8H. Glue 8J to 8K, then glue 8K to the underside of 8B. Glue the remainder of 8F to 8H, but keep a good portion of the end unglued. The rudder piece will be sandwiched between 8F & 8H later on. You should now have a piece that tapers from 3-dimensional into 2-dimensional.

**STEP 9.** Glue piece 7 to piece 8, then glue piece 8 to the top of piece 2.

**STEP 10.** Glue 9A to 9B. Dry fit by sliding piece 9 between the tips of piece 8, and resting the rear portion on top of piece 7. You may have to reshape the rear notch to get it to fit onto piece 7 properly. When you are satisfied with the result, glue piece 9 to the top of piece 7 and along the top of piece 2.

**STEP 11.** Glue pieces 3A-3D to pieces 4A-4D to seal the Nautilus' shell. Glue piece 10 to pieces 1 & 2, capping off the body.

**STEP 12.** Glue piece 11C to itself, making a tube. Glue 11A to 11B, then to one end of 11C. When dry, glue piece 11 to the center of piece 10.

**STEP 13.** Glue 12A to 12B, offsetting them so that there is an exposed white area at each end. When firm, glue piece 12 to itself, making a ring. Be sure to glue the two exposed ends to each other to create a strong, seamless bond.

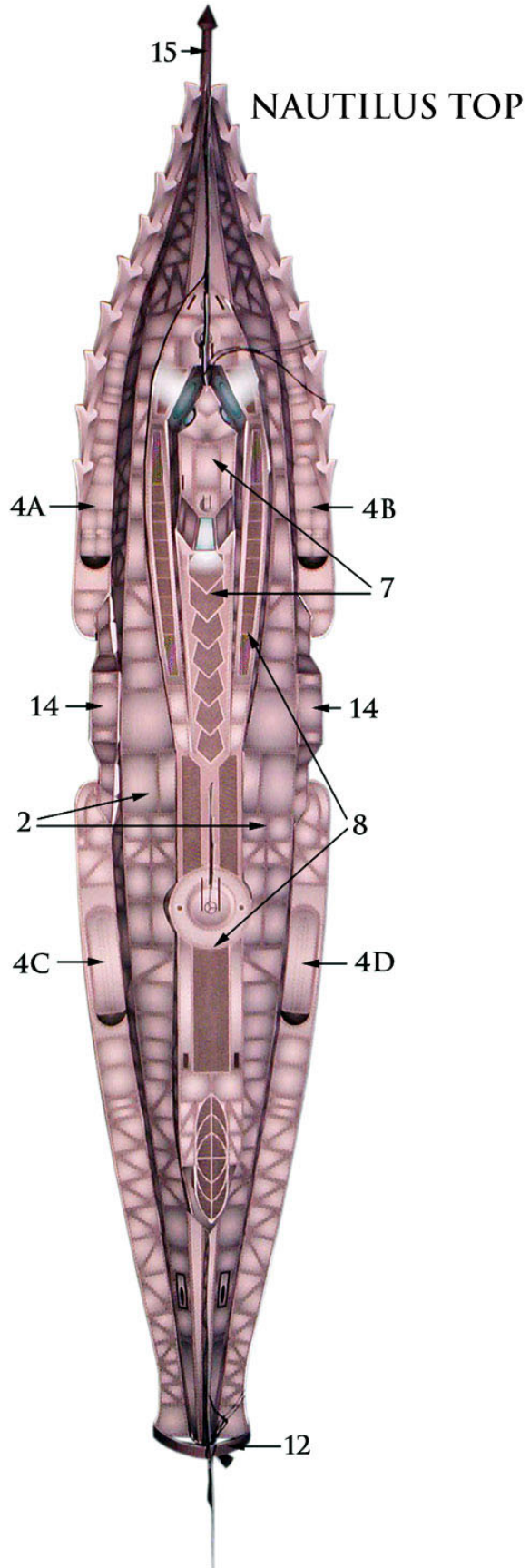
**STEP 14.** Glue 13A to 13B. Position and glue the tabs of piece 13 between the tail pieces of 6B & 6C and between the tail pieces of 8F & 8H. You may now finish gluing pieces 6 & 8 to keep the rudder piece (13) in place.

**STEP 15.** Cut along the white lines on pieces 6 & 8. Slide and glue piece 12 through the slots. Shape it into a nice, round circle.

**STEP 16.** Assemble pieces 14A-14C; you will make two identical pieces. Glue piece 14 onto both sides of the Nautilus' body.

**STEP 17.** Glue piece 15A to itself, making a tube. Use an x-acto knife to cut along the four white lines. Glue pieces 15B & 15C to themselves, making two cones. Glue the tapered end of 15B into the uncut end of 15A. Glue the open ends of 15B & 15C together. When dry, slide and glue piece 15 over the nose of the Nautilus.

**STEP 18.** Glue the upper portion of 16A to the upper portion of 16B, then glue the exposed areas to 16C. Curve base of piece 16 to look like an anchor. Glue piece 16 (you'll make two of these) to the center of the dark oval on both sides of the Nautilus, located near the front.



NAUTILUS  
BOTTOM

