Easy submarine periscope and dolphin

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.6 × 3.7 in (11.7 × 9.4 cm).



Which color goes where: by number on page 2.

Three ways to transfer the pattern

1. **Fabric you can see through**
   Tape page 3 to a sunny window or lay it on a light box, tape the fabric over it and trace the lines with a sharp pencil or a water-soluble pen.
2. **Fabric you cannot see through**
   Lay dressmaker's carbon paper colored side down on the fabric with page 3 on top, tape the layers and trace the lines firmly with a ballpoint pen.
3. **Iron-on: the lines stay**
   Go over the lines of page 4, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron, as the pen's packet says.

Pages 3 and 4 are the pattern at actual size. Print them at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

Floss

- **1 DMC 796 Dark Royal Blue**
  Dolphin, submarine, periscope, glass rim and porthole, waves (darker) and 5 more parts
- **2 DMC 799 Medium Delft Blue**
  Dolphin shading, submarine shading and cape line, waves (lighter) and 5 more parts
- **3 DMC 351 Coral**
  Periscope collar and dolphin cheek
- **4 DMC BLANC White**
  Eye light
- **5 DMC 800 Pale Delft Blue**
  Ripples

Stitch in this order

Filled parts from the back of the picture forward, then lines and knots.

1. **Satin stitch**, 2 strands
   Porthole glass, periscope collar, periscope glass, dolphin eye



2. **Stem stitch**
   strands by part on page 2
   Submarine, submarine shading, hatch, rail, porthole, periscope, glass rim, dolphin, dolphin shading, dolphin mouth, wave lines, ripples

3. **Back stitch**, 2 strands
   Tube bands, cape line

4. **Straight stitch**, 2 strands
   Eye light, dolphin cheek



5. **Chain stitch**, 2 to 3 strands
   Waves



6. **French knot**
   2 strands, two wraps
   Rivets, drops



What you need

Easy. A 6 inch (15 cm) hoop, and a 9 inch (23 cm) square of plain cotton or linen, white or another light color. Embroidery needle: size 7. Skeins: one of each color is enough. An estimate for the 6 inch hoop, from the length of each line and the area of each filled shape, with a fifth added for tails.

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6 inch hoop

How to read it

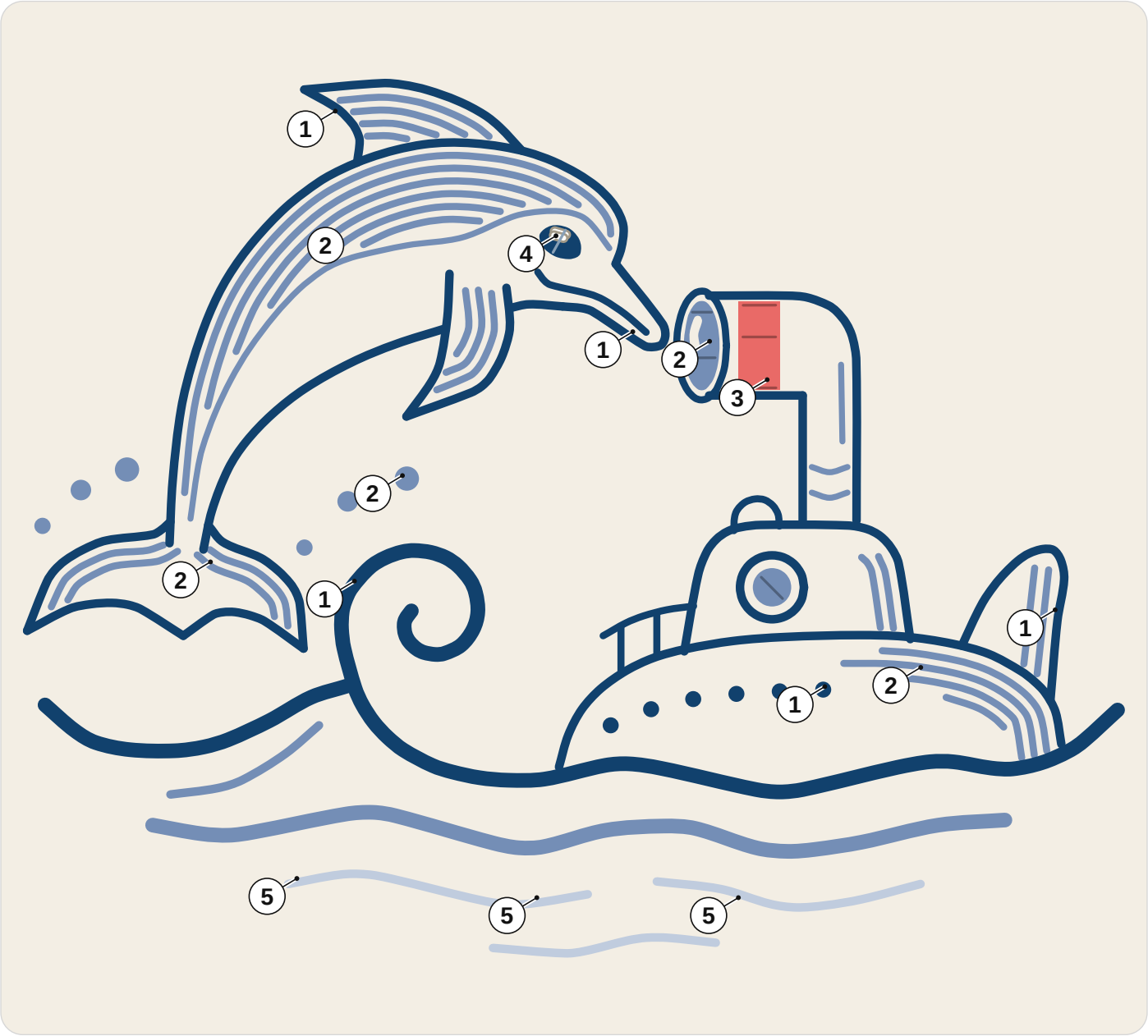
Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Begin with no knot on the back where it is seen and washed, as on a towel, a napkin or clothes; for a piece in a hoop a small knot is fine. End each thread by whipping it around the backs of four or five stitches, with one small hitch.

Each small ring is one French knot.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1 DMC 796 Dark Royal Blue
2 DMC 799 Medium Delft Blue
3 DMC 351 Coral
4 DMC BLANC White
5 DMC 800 Pale Delft Blue

How many strands

Stem stitch. 3 strands: submarine, porthole, periscope, dolphin, wave lines, ripples; 2 strands: submarine shading, hatch, rail, glass rim, dolphin shading, dolphin mouth.

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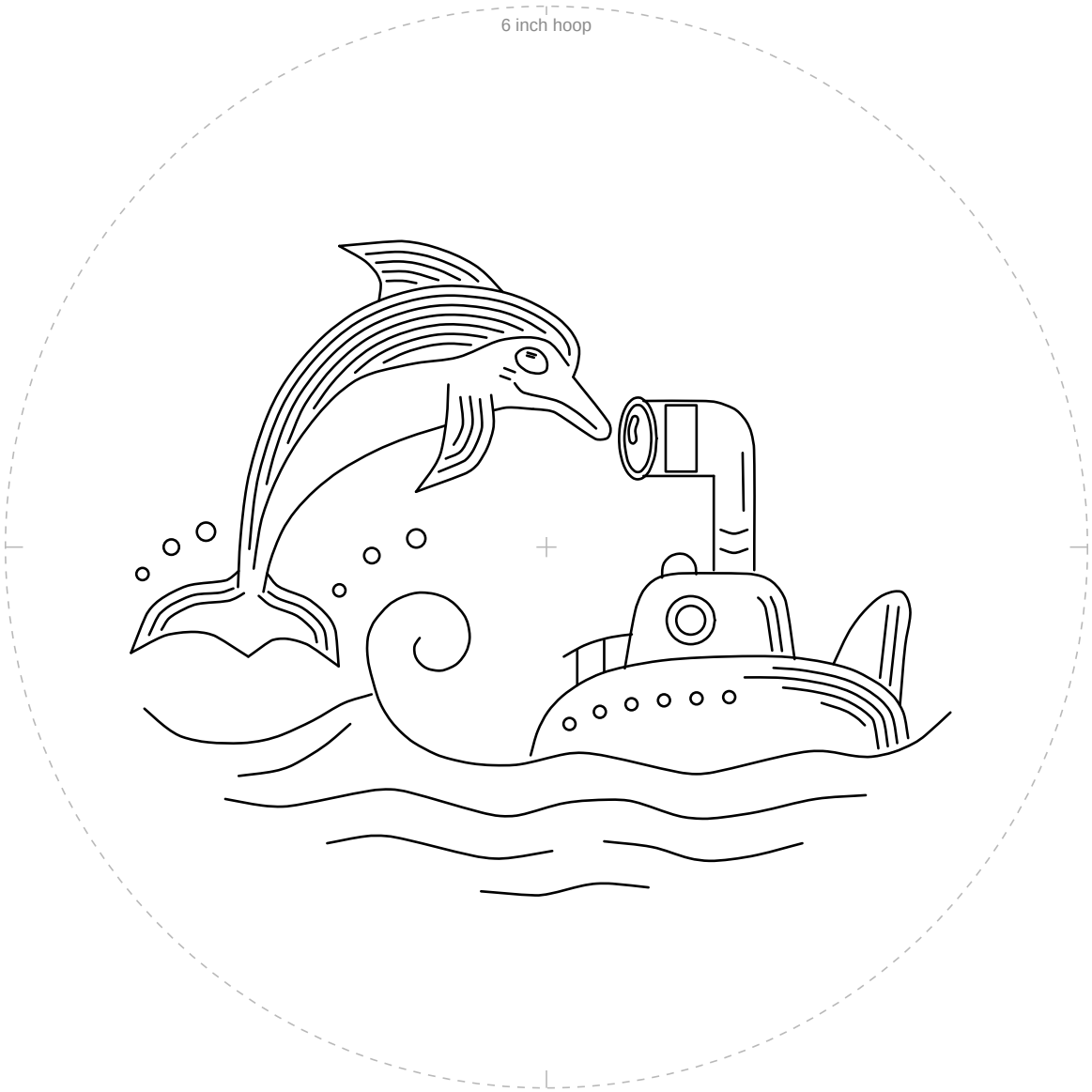
6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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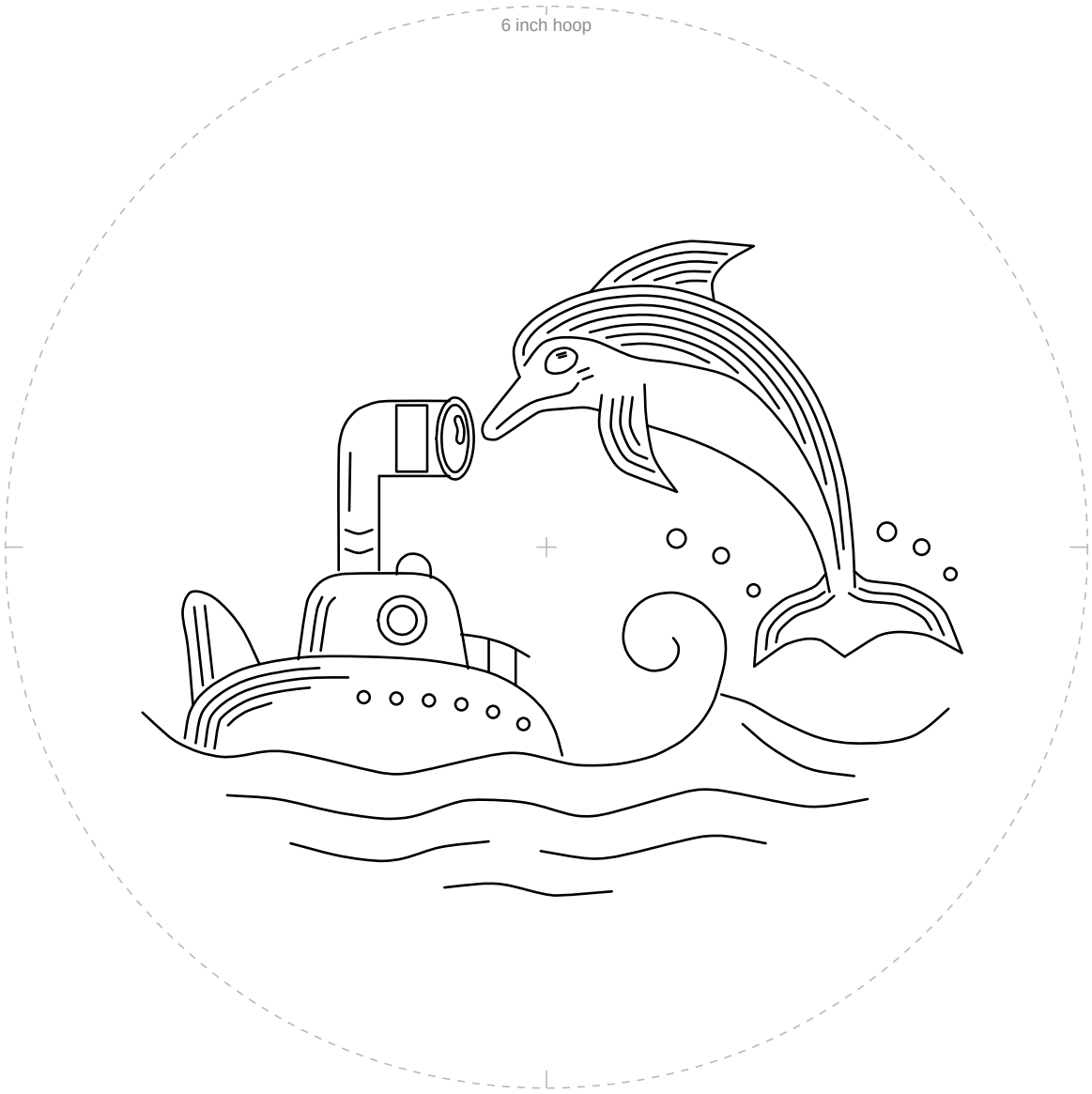
6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

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