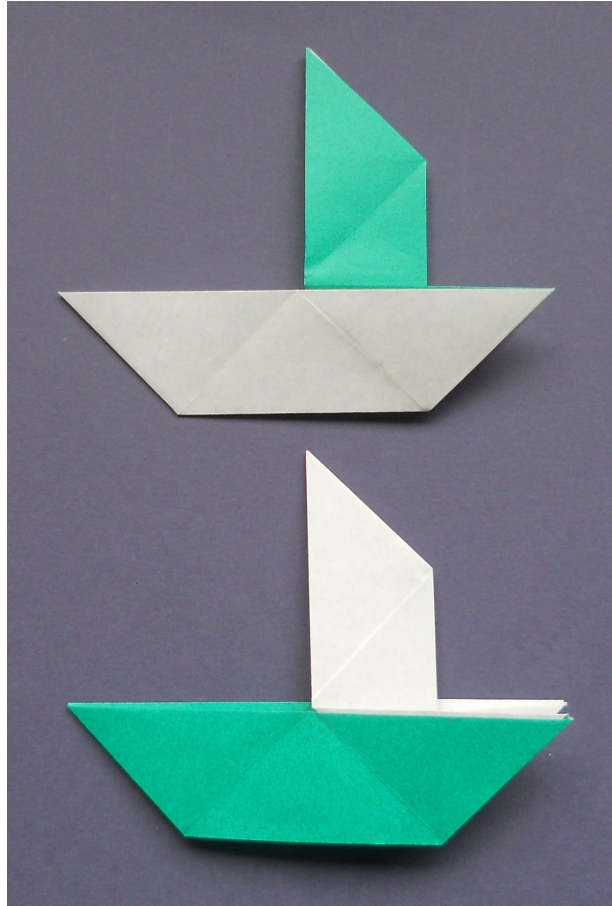


Not Another Boat with Sail

Designed by David Mitchell

Not Another Boat with Sail is a transformable design that changes from a white boat with a coloured sail to a coloured boat with a white sail and vice versa. The outline of the design is the same as the traditional Boat with Sail.

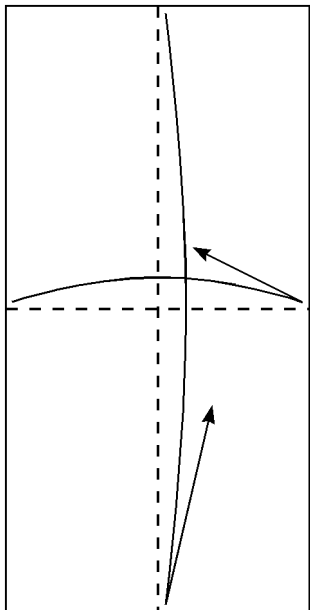
In the version diagrammed here, the colour-change, although not the transformation, is achieved with the help of two small cuts. It is possible to create the same effect using two sheets of paper, a longer strip, or simply by colouring half of the paper by hand. I prefer the cut version because it seems to me, that, overall, it is the most elegant of the various possible designs.



Not Another Boat with Sail was designed in 2020. It is a slight simplification of my Not Another Cocotte design.

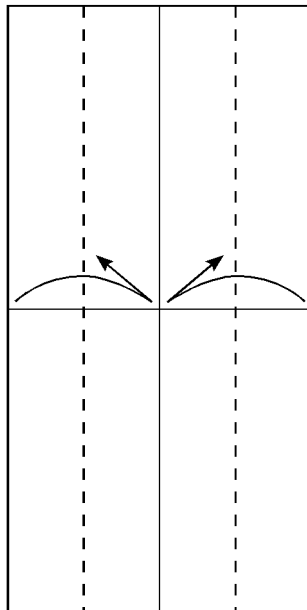
You will need a 2x1 rectangle of irogami. Begin with your paper arranged white side up.

1



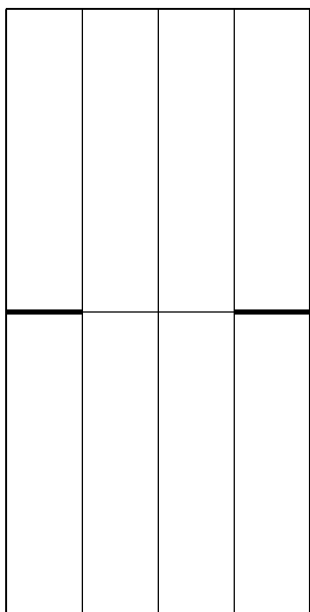
1. Fold in half edge to edge, then unfold, in both directions.

2



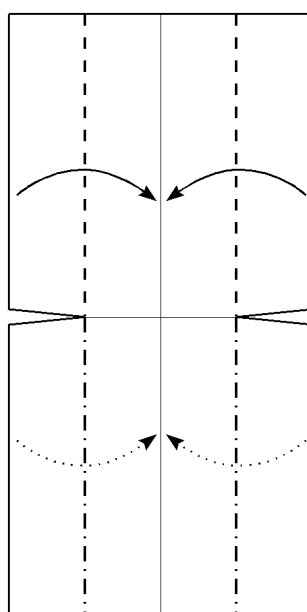
2. Fold both outside edges into the centre, then unfold.

3



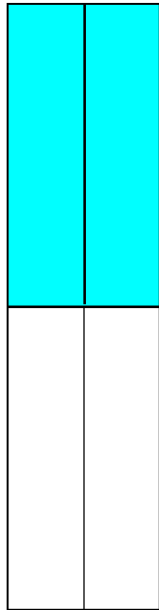
3. Cut along the two small creases marked with thick black lines.

4



4. Fold the upper halves of both outside edges inwards in front and the lower half inwards behind.

5



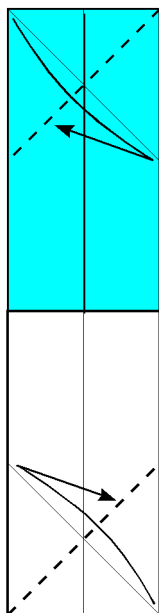
6



5. Turn over sideways

6. Fold the top edge onto the left edge, then unfold. Fold the bottom edge onto the right edge, then unfold.

7



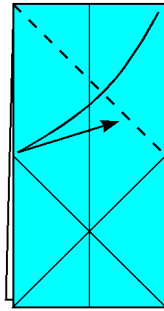
8



7. Fold the top edge onto the right edge, then unfold. Fold the bottom edge onto the left edge, then unfold.

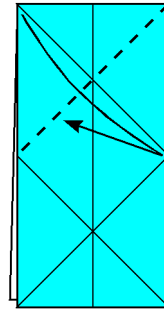
8. Fold the top edge onto the bottom edge.

9



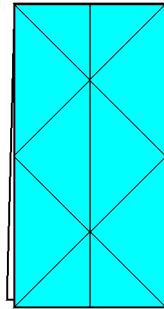
9. Fold the top edge onto the left edge, then unfold. Make this fold in all layers.

10



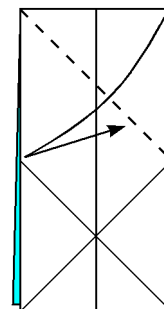
10. Fold the top edge onto the right edge, then unfold. Make this fold in all layers.

11



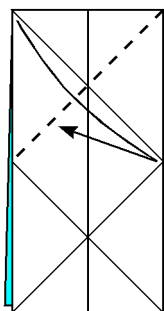
11. Turn over sideways.

12



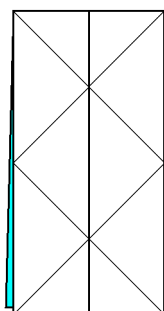
12. Reverse the direction of the existing crease.

13



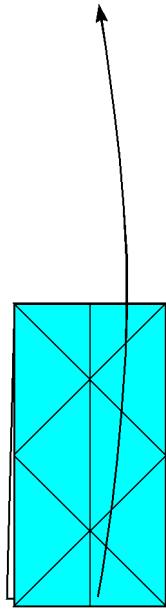
13. Reverse the direction of the existing crease.

14



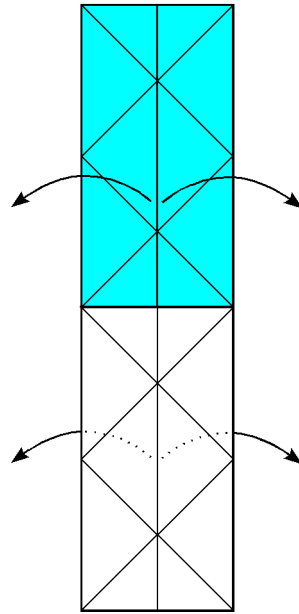
14. Turn over sideways.

15



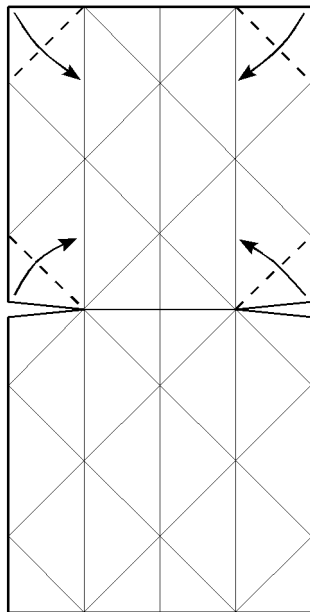
15. Undo the fold made in step 8

16



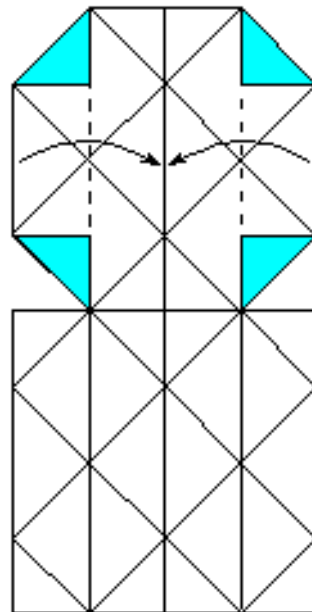
16. Open out completely as shown.

17



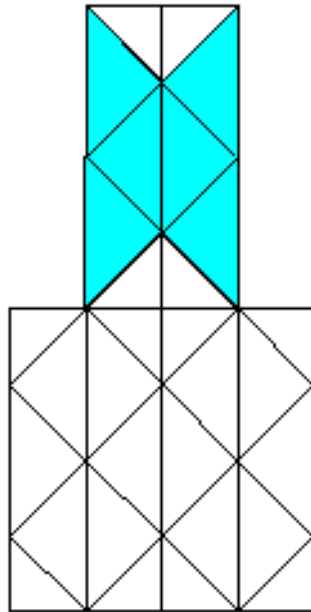
17. Fold all four corners of the upper half of the paper inwards using the existing creases.

18



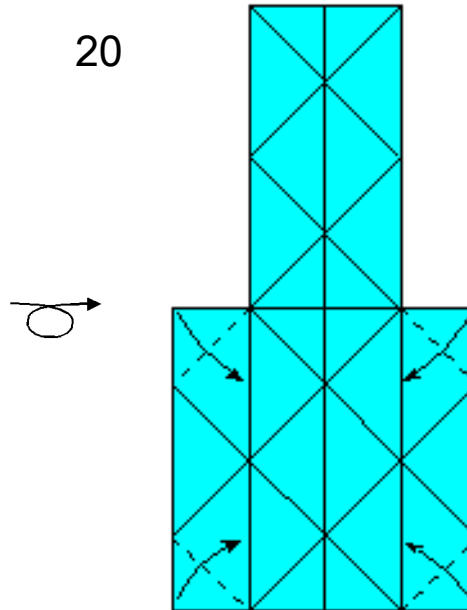
18. Fold both outside edges of the upper half of the paper inwards using the existing creases.

19



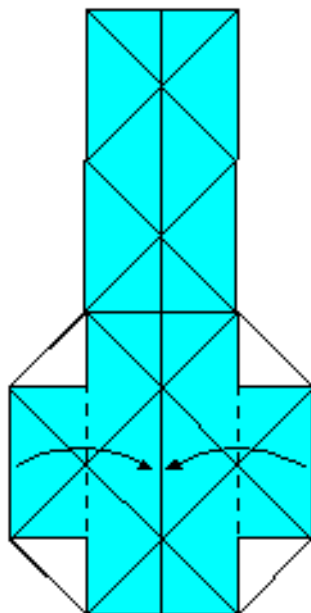
19. Turn over sideways.

20



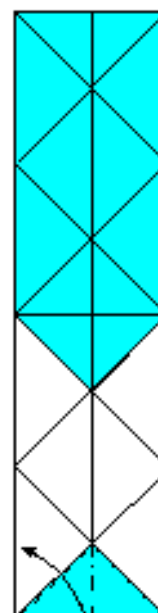
20. Fold all four corners of the lower half of the paper inwards using the existing creases.

21



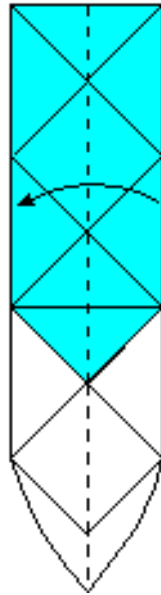
21. Fold both outside edges of the lower half of the paper inwards using the existing creases.

22



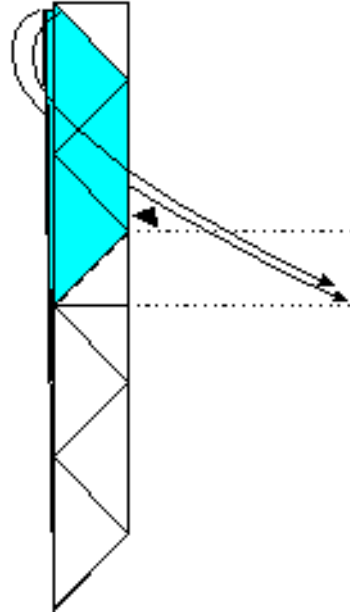
22. Tuck the triangular area at the bottom of the design away into the left hand pocket as shown.

23



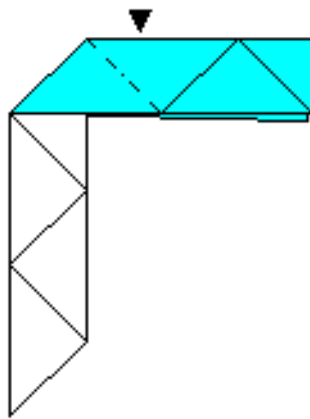
23. The design will have become three-dimensional. Fold in half from right to left to flatten.

24



24. Turn the top part of the design inside out and flatten to look like picture 25.

25



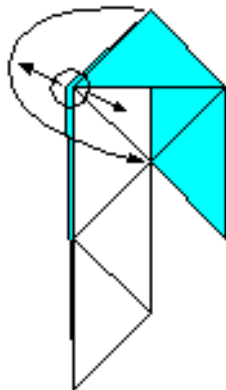
25. Fold the right part of the design inside out in between the other layers.

26



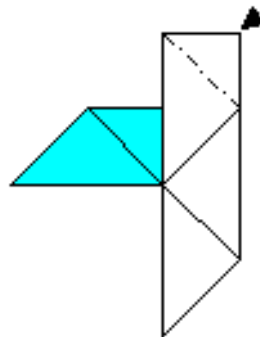
26. Fold the bottom left corner of the right part of the design away into the pocket beside it.

27



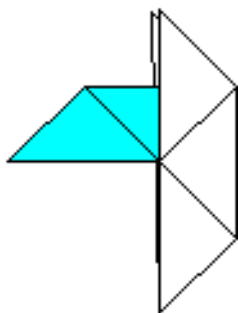
27. Open the layers at the left and swing the right half of the design around to the left.

28



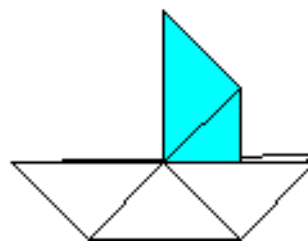
28. The result should look like this. Turn the top right corner inside out in between the other layers.

29



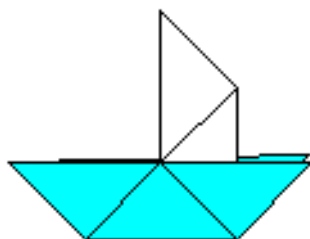
29. Rotate 90 degrees clockwise.

30



30. Not Another Boat with Sail is finished. You can easily manipulate it, without undoing the ends, so that white hull becomes coloured and the coloured sail becomes white.

31



31. You should easily be able to manage this transformation without needing instructions!