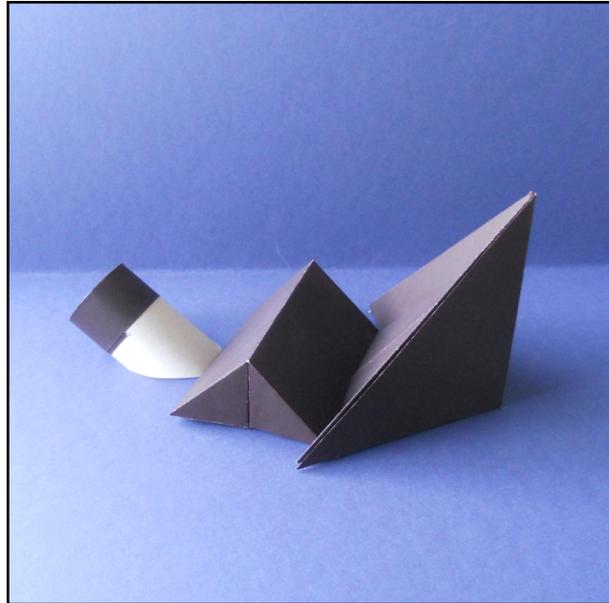


# Shipwreck

Designed by David Mitchell

Shipwreck is a rather odd multiple piece design from 1997. I have no idea why I thought a sunken ship was a good subject for an origami design but it turned out to be interesting and unusual and I am still quite pleased with it.



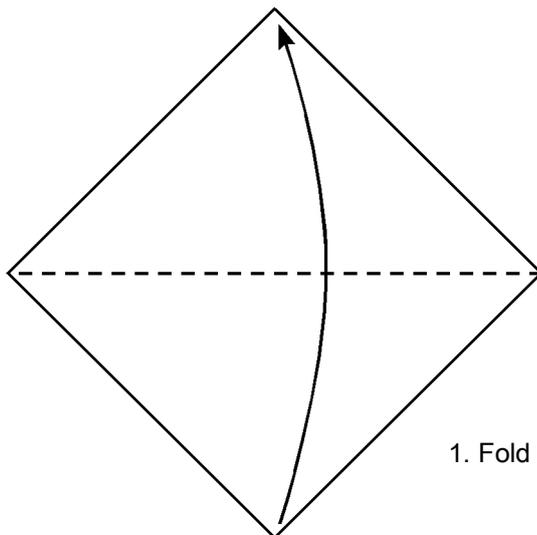
You will need four identical squares of paper of a suitable colour for a wrecked ship. Rusty brown is probably about right. You can use any kind of paper. If you want it to look like the picture you will need to use irogami and fold the funnel inside out rather than just following my diagrams blindly.

If you are using irogami begin with your first square arranged white side

## Folding the Bow

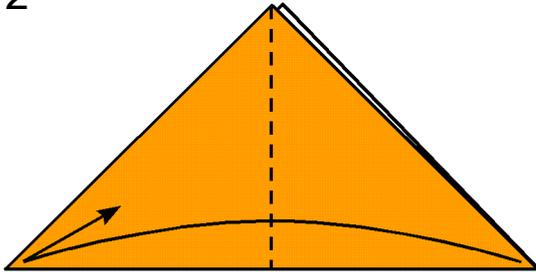
If you are using irogami begin with your first square arranged white side

1



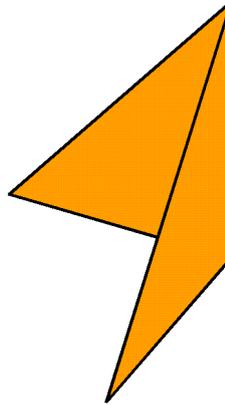
1. Fold in half upwards.

2



2. Fold in half sideways then open out so that the two halves are at right angles to each other.

3

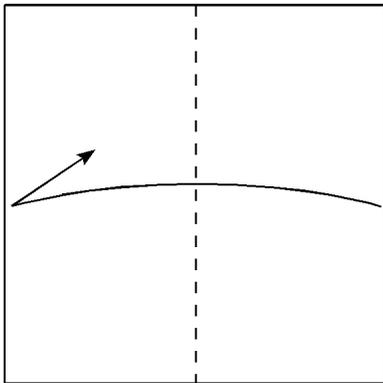


3. The Bow is finished.

### Folding the Foredeck

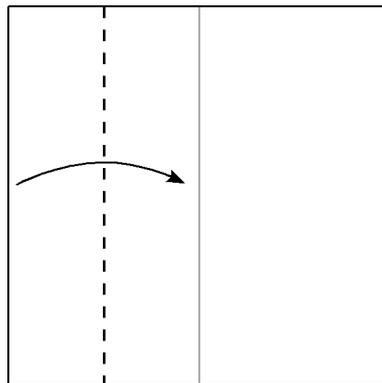
If you are using irogami begin with your second square arranged white side up.

4



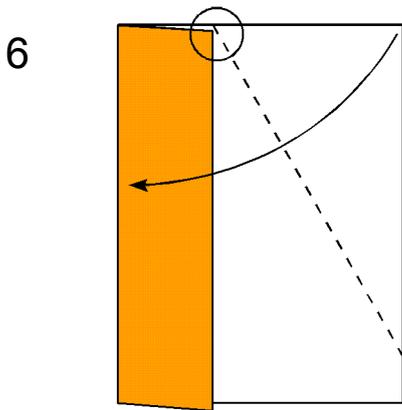
4. Fold in half sideways, then unfold.

5

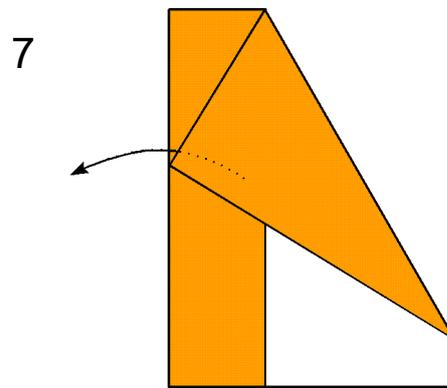


5. Fold the left hand edge onto the vertical centre crease.

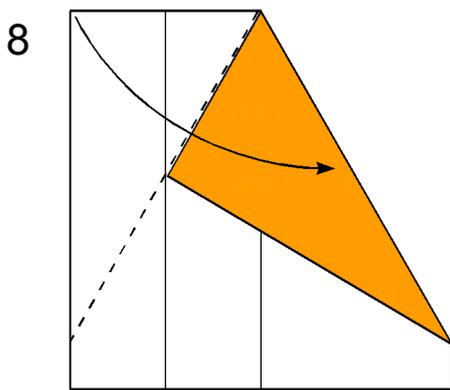
2



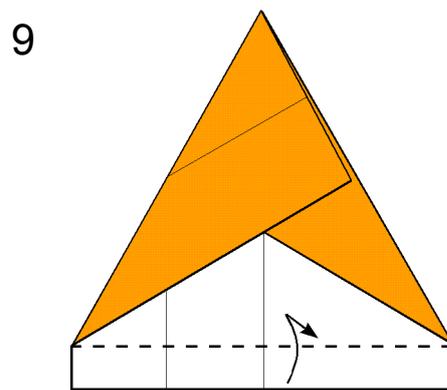
6. Fold the right hand corner onto the left hand edge making sure the crease starts from the top of the vertical centre crease.



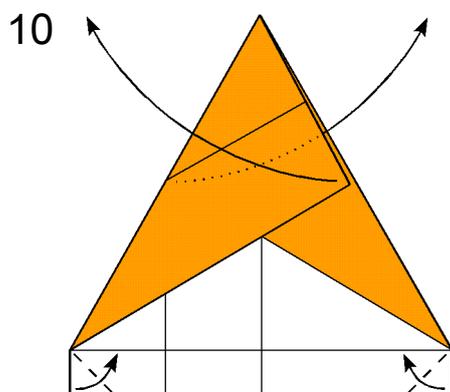
7. Open out the fold made in step 5.



8. Fold the top left hand corner onto the sloping right hand edge so that the top centre point becomes sharp.

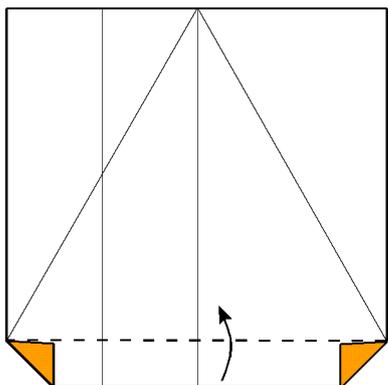


9. Fold the bottom edge upwards using the bottom of the sloping edges as a guide, crease, then unfold.



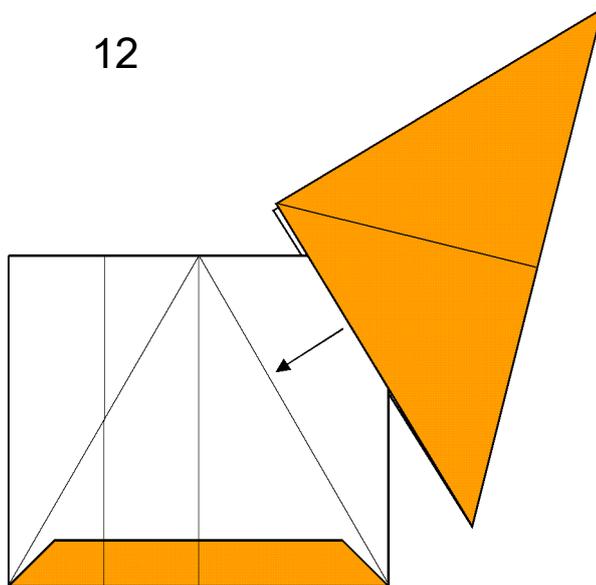
10. Fold both bottom corners inwards as shown, then open out the folds made in steps 6 and 8.

11



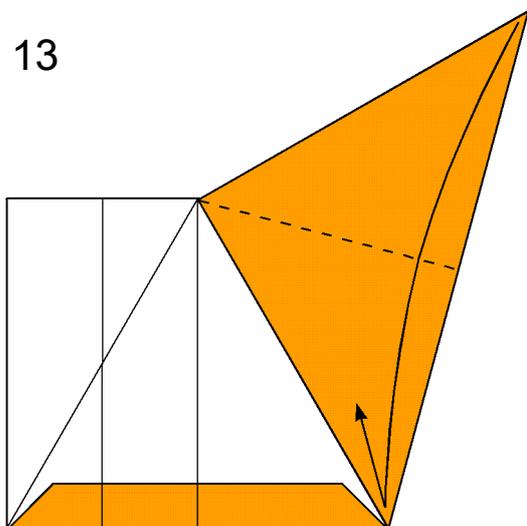
11. Fold the bottom edge upwards using the existing crease.

12



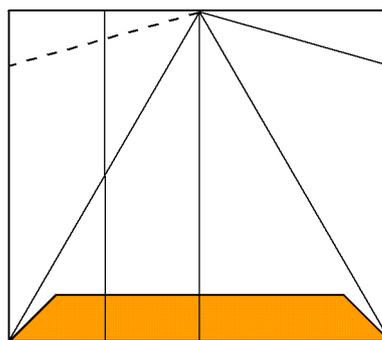
12. Slide the Foredeck inside the Bow section and align as shown in picture 13.

13

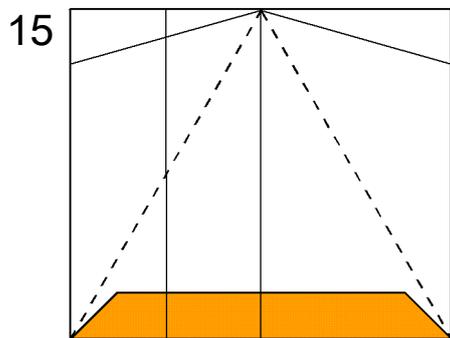


13. Hold the two pieces firmly in alignment then remake the existing crease in the Bow through all the layers. Crease firmly, then unfold.

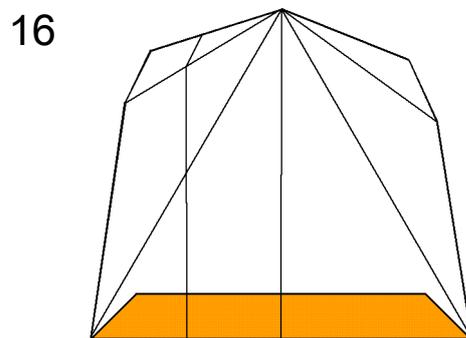
14



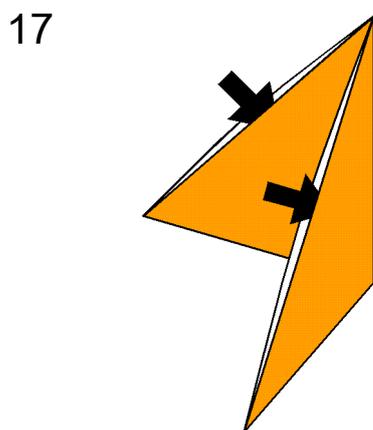
14. Remove the Bow then use it to make a second crease on the left hand half of the paper in a similar way.



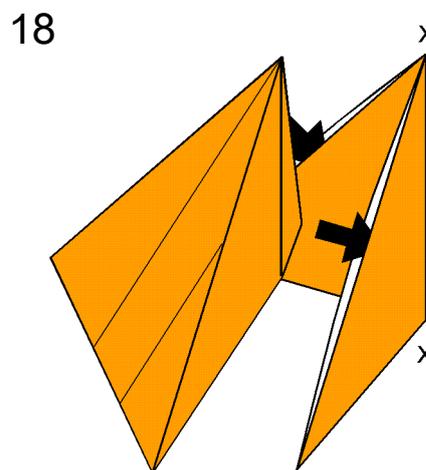
15. Lift the top corners up at right angles using the creases made in steps 6 and 8.



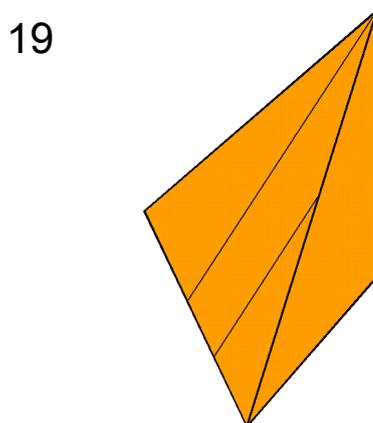
16. Turn over and fit to the Bow as shown.



17. The flaps of the Foredeck fit into the holes in the Bow.



18. When inserting the flaps of the Foredeck into the holes in the Bow you need to make sure the ends of both flaps slide around edge xx (in opposite directions). This is what holds the assembly together.

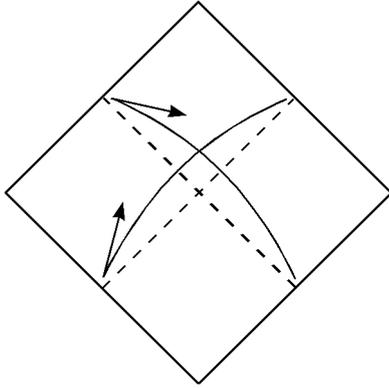


19. This is the result. The Bow and Foredeck assembly is finished.

## Folding the Deckhouse

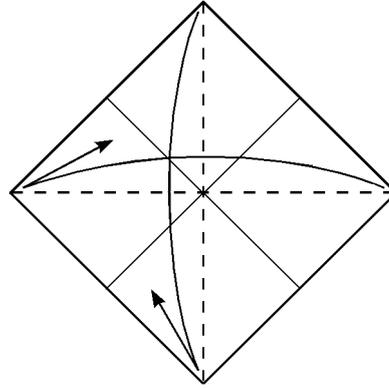
If you are using irogami begin with your second square arranged white side up.

20



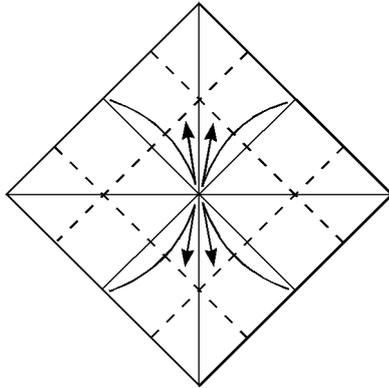
20. Fold in half edge to edge, then unfold, in both directions.

21



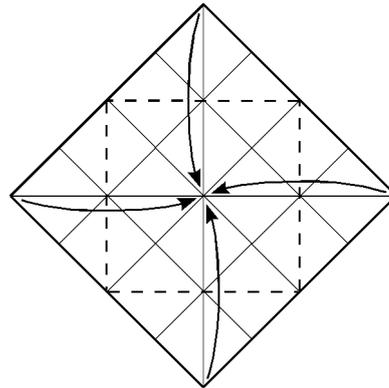
21. Fold in half diagonally, then unfold, in both directions.

22



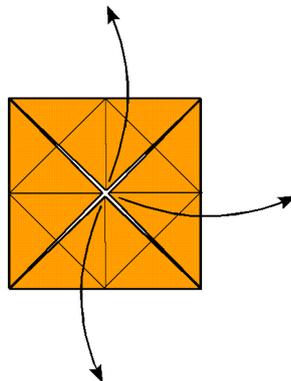
22. Fold both sets of opposite edges into the centre, then unfold.

23



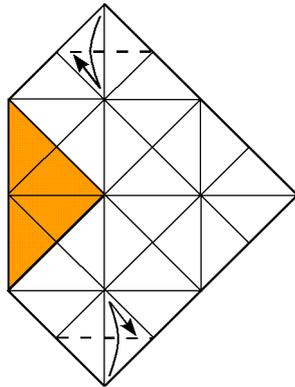
23. Fold all four corners into the centre.

24



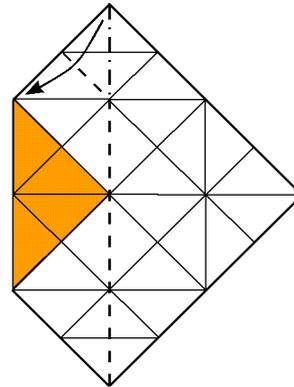
24. Open out three of the folds you made in step 23.

25



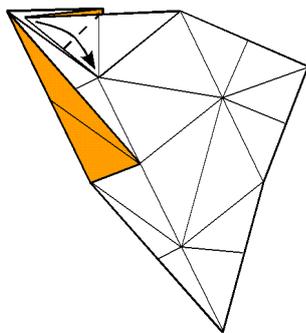
25. Fold the small squares at the top and bottom in half, crease, then unfold.

26



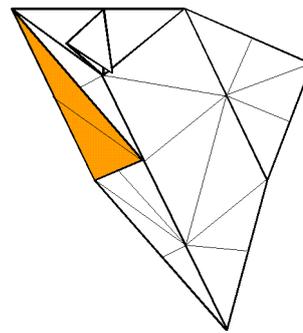
26. Fold the top corner onto the top point of the front flap. The design will become three-dimensional as you make this fold.

27



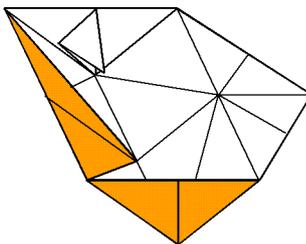
27. Make this tiny fold to lock the layers together.

28



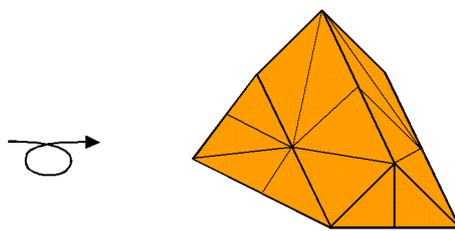
28. Turn the model around and repeat steps 26 and 27 on the other end of the paper.

29



29. Turn over to look like picture 30..

30

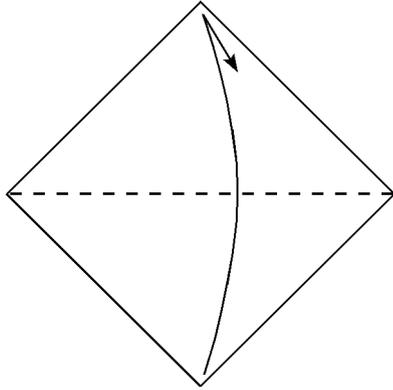


30. The Deckhouse is finished.

## Folding the Funnel

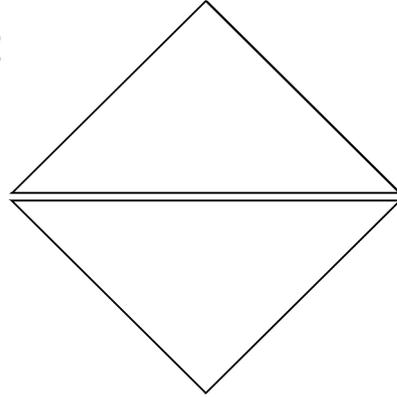
If you are using irogami begin with your second square arranged white side up.

31



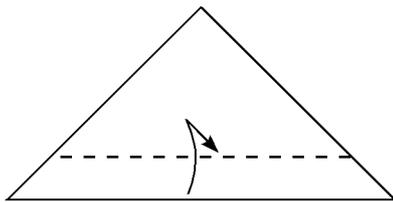
31. Fold in half upwards, crease, then unfold.

32



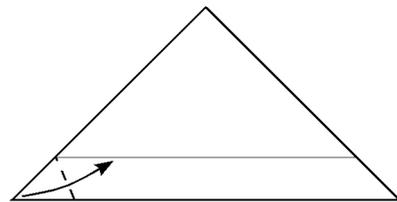
32. Separate the triangles by cutting along the line of the crease. Only one triangle is required.

33



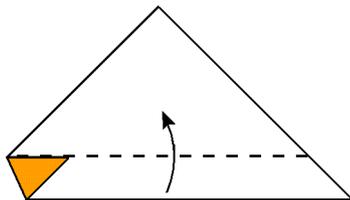
33. Fold the bottom edge upwards in the way shown here, crease, then unfold.

34



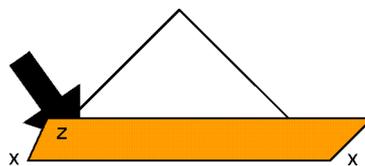
34. Fold the bottom left hand corner inwards so that the result looks like picture 31.

35



35. Remake fold 33.

36



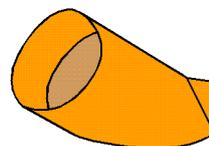
36. Curl xx towards you and insert point y into pocket z to form a ring.

33



33. Fold the tip of the top point backwards at right angles then turn over.

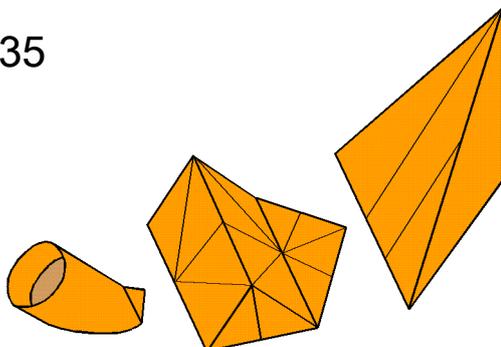
34



34. The Funnel is finished.

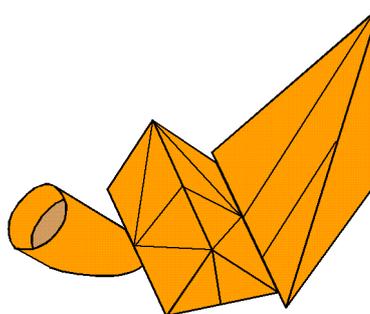
### Putting the pieces together

35



35. Arrange the three parts of the design like this then place them together in the way shown in picture 36 so that the small raised flaps at the front of the Funnel and the Deckhouse hold all three parts together.

36



36. Shipwreck is finished.

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