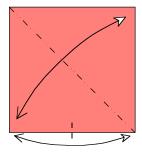


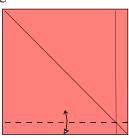
## Sockeye Salmon Designed by Bernard Peyton 1999

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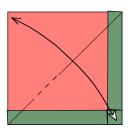
Start with paper that is red on one side and green on the other. A 9.75 inch square makes a 6 inch long salmon. My inspiration for designing this model cames from Issei Yoshino's salmon he published in "Super Complex Origami" circa 1996. I wanted the color reversal in the head and less folds in the body for my model.



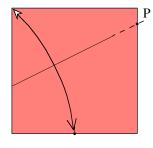
1. Crease the diagonal and the midpoint of the bottom edge.



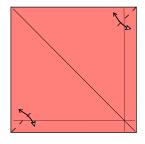
5. Similarly crease the bottom edge through the intersection of the last crease and the diagonal.



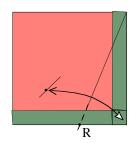
9. Crease part of the upward diagonal as shown above.



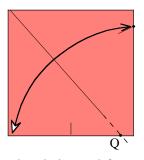
2. Place the top left corner on this midpoint and crease the right edge at point P.



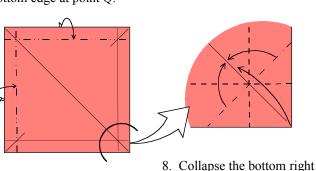
6. Bisect the corners with valley creases.



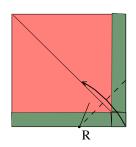
10. Place the right edge on this last crease and pinch the bottom edge at point R.



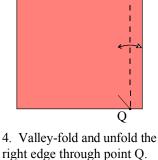
3. Place the bottom left corner on point P and crease the bottom edge at point Q.



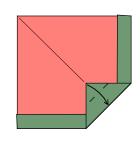
7. Mountain-fold and unfold as shown above.



11. Valley-fold the bottom right corner to the diagonal and through point R.



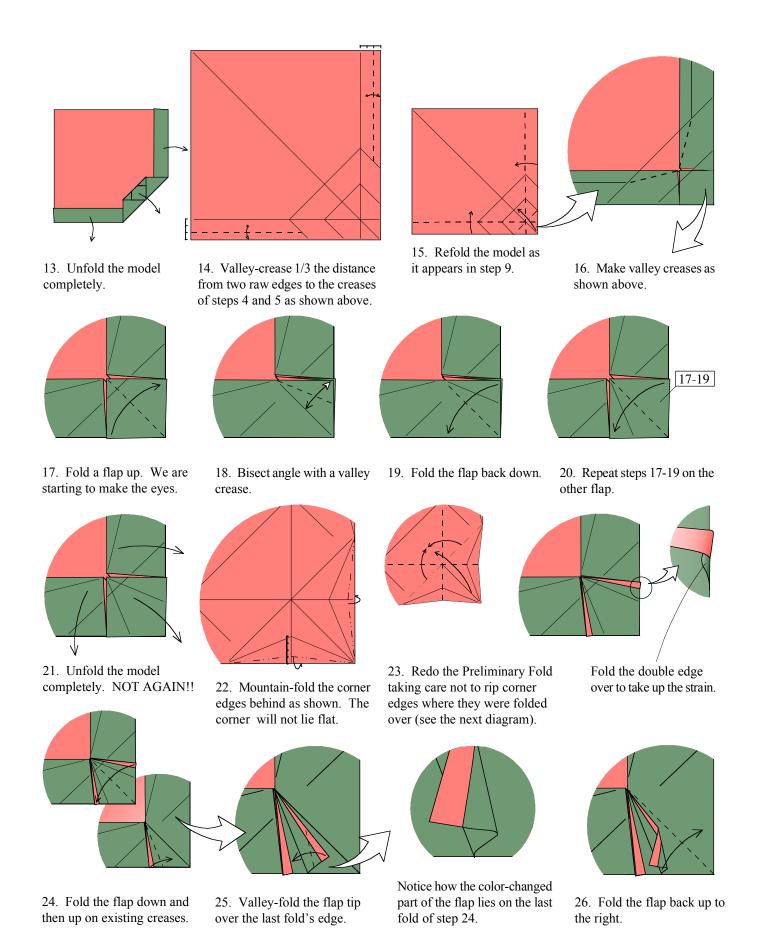
right edge through point Q.



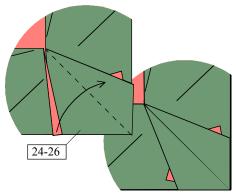
corner (Preliminary Fold) by

folding in two sides.

12. Valley-fold the corner back to the edge of the last fold.

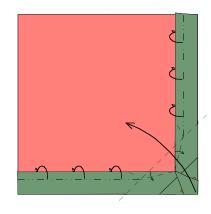


Sockeye Salmon 2

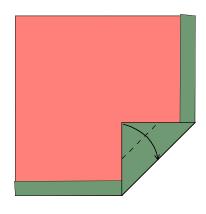


27. Repeat steps 24-26 on the other head flap.

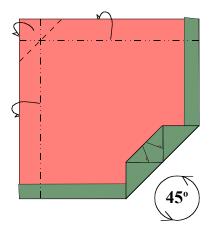
Finished head with eyes.



28. Refold step 11 and at the same time mountain-fold the edges underneath on the creases of step 14. The creases of step 16 allows the model to lie flat after this step.

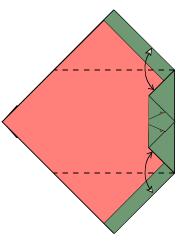


29. Fold the corner down on an existing crease.

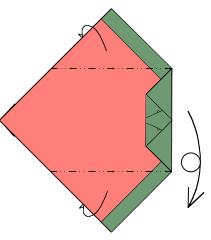


30. Mountain-fold the top and right edges behind while incorporating a Preliminary Fold in the top left corner.

Rotate the model 45 degrees counterclockwise.

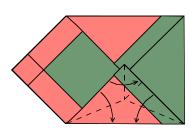


31. Valley-crease as shown above by lining up edges. The top and bottom corners will become pelvic fins.

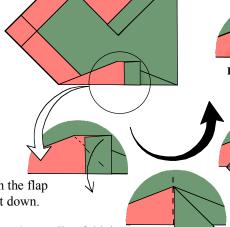


32. Reverse the previous folds. Mountain-fold first the bottom corner then the top corner.

Turn the model over.

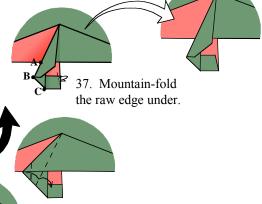


33. Rabbit ear the bottom corner through all layers to make a pelvic fin flap.

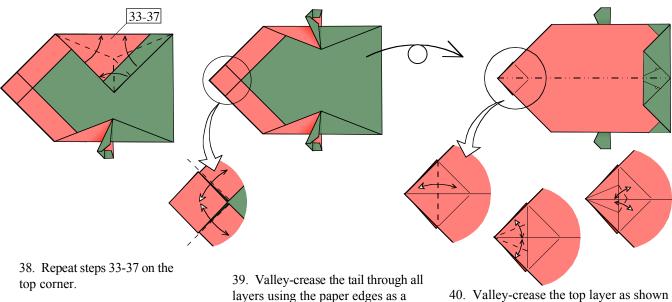


34. Open the flap and fold it down.

35. Valley-fold the flap to the left.

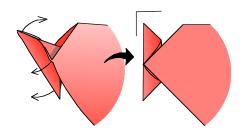


36. Fold the left tip of the flap down, then narrow the flap so that the distance AB is the same as BC (see above).



guide. Turn the model over.

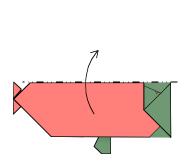
above to create a kite shape. Creases on the right side of the kite are not parallel to those of the last step. Estimate these now and adjust them in the next step.



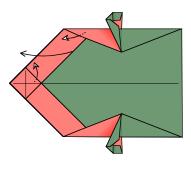
41. Mountain-fold the model in half while incorporating the tail folds seen above.

Fold the sides of the collapsed square back. View from the side is next.

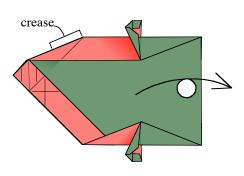
Swing the bottom of the tail away from the body as you pinch the folds in the previous diagrams. Adjust the estimated folds so that the tail edge is perpendicular to the salmon's top edge.



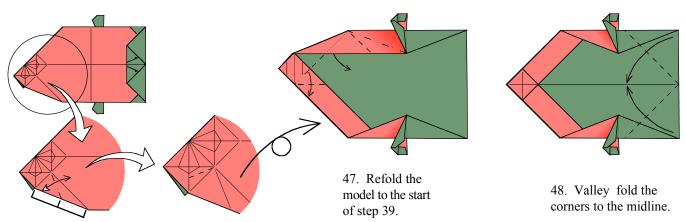
42. Undo the tail folds and return the model to the start of step 39.



43. Pull out trapped paper to create an anal fin.

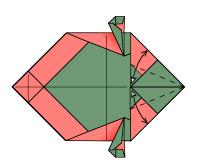


44. Crease along the top edge. That part of the model will not lie flat. Turn the model over.

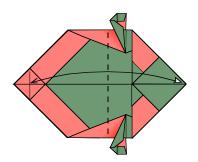


45. Mountain-crease through both layers.

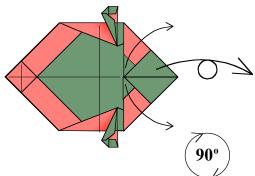
46. Bisect an angle with a valley crease and turn the model over.



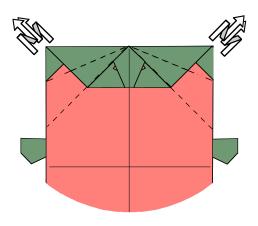
49. Bisect angles with valley creases.



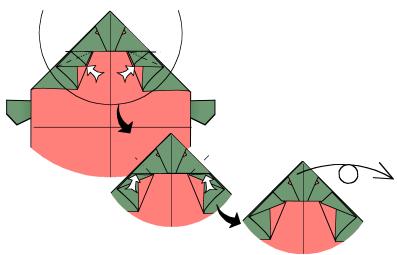
50. Place the right point to the center of the tail, crease, and unfold. This defines where the tip of the dorsal fin will be.



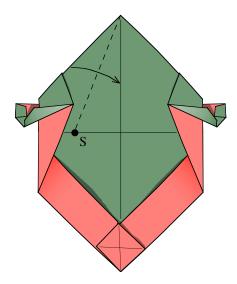
51. Unfold the pectoral fin flaps. Turn the model over and rotate it 90 degrees.



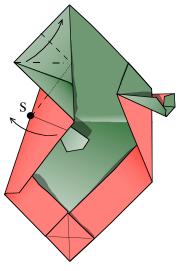
52. Crimp pectoral fin flaps symetrically by holding layers together on the corners, and shoving then between head and body layers. Parts of folds 48-49 will be reversed.



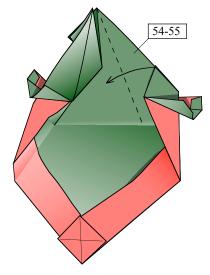
53. Inside reverse-fold two pairs of flaps and turn the model over.



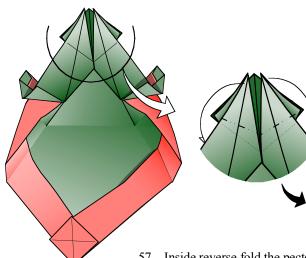
54. Valley-fold the left side to the midline. Crease sharply to point S on the crease of step 50.



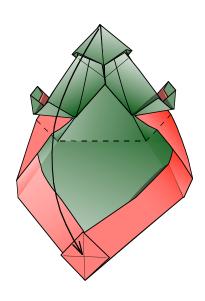
55. Swivel fold flap. The model will not lie flat.



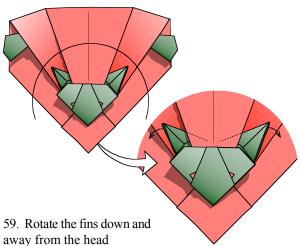
56. Repeat steps 54-55 on the right.



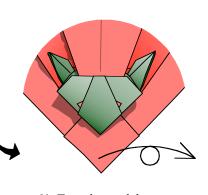
57. Inside reverse fold the pectoral fins. Note position of the fold is not perpendicular to edges.



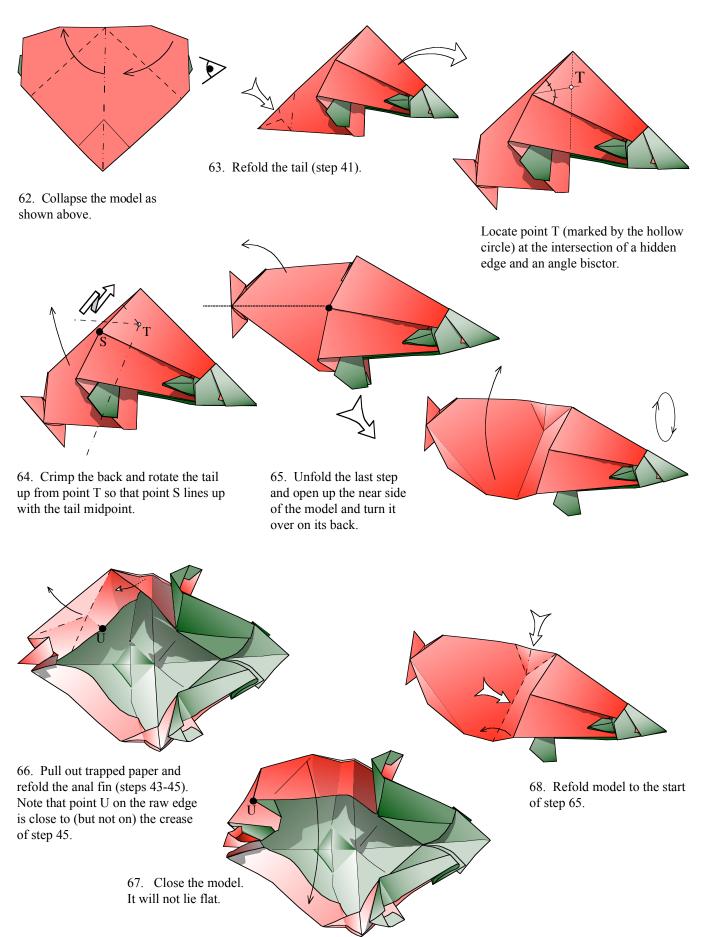
58. Fold the model in half on the crease of step 50. Ahhh. The model is flat once more.

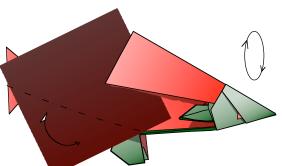


60. Fold under the indicated edges while rotating the fins back toward the midline.



61. Turn the model over.

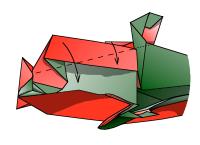




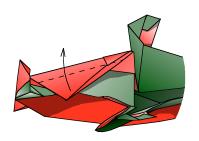
69. Fold and unfold the anal fin flap. Note that the crease starts at the front of the pelvic fin and ends just below the tail midpoint. Rotate the model.



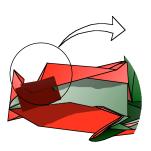
70. Open sink the anal fin flap as shown above. Do not worry if some sinked paper is visible below the raw edge.



71. Valley-fold the anal fin down on the crease of step 69.



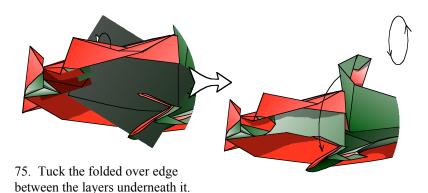
72. Fold the anal fin back up on a crease parallel to the edge.



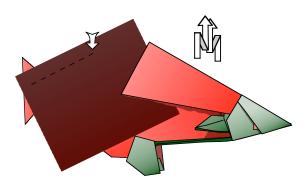
73. Swivel fold the left edge of the anal fin and tuck this paper under the layer at point U. You may want to adjust the valley fold of step 66 to line up fin edges.



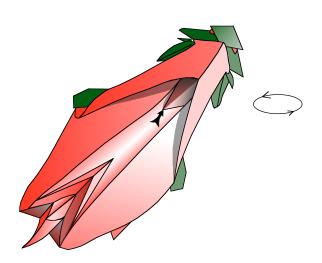
74. Swivel fold the right anal fin edge.

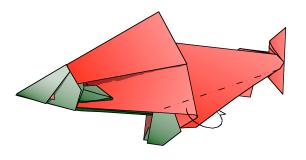


76. Fold the model in half and rotate it.

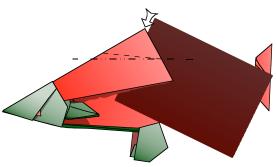


77. Crimp the back symetrically. The initial crimp in the back that allowed the tail to rotate upward (step 64) is extended (next view). Push its bottom edge toward the head to take up slack paper (dark arrow).

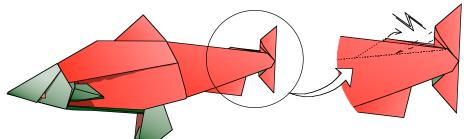




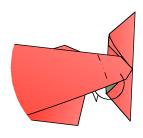
78. Fold the belly under on a crease in line with that of step 69 on the other side.



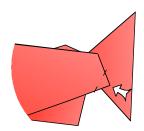
79. Crimp the dorsal fin symetrically.



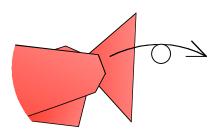
80. Pull out the adipose fin and pleat its layers next to the tail to isolate it.



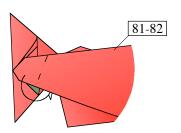
81. Inside reverse-fold the indicated flap.



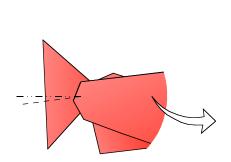
82. Inside reverse-fold the corner.



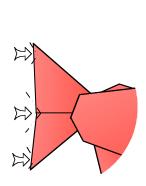
83. Turn the model over.



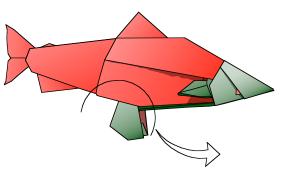
84. Repeat steps 81-82 on this side.



85. Crimp the tail symetrically.



86. Inside reverse-fold the tail center and bend the tips toward the center.



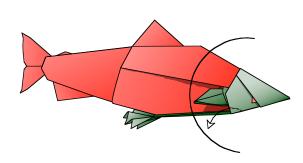
Next view is an enlarged pelvic fin.



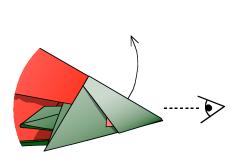
87. Crimp the pectoral fin.



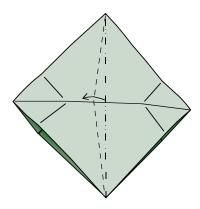
88. Repeat the last step on the other fin.



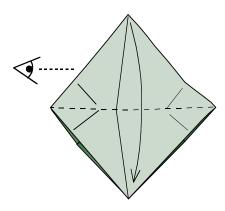
89. Pull out flaps on both sides of the head. This location is callled a gill cover.



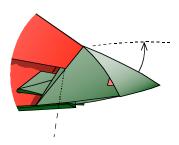
90. Lift up the head flap. The next view is the open flap viewed from the front. For female salmon do not do steps 91 and 92.



91. Crimp the midline on top of the left side of the open flap as shown. Crimp through all layers.



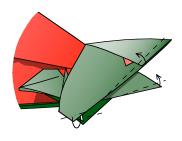
92. Fold the head flap back down.



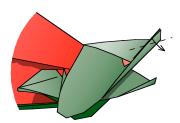
93. Raise the flap once more and pinch the flaps closed at the gill covers to hold the upper jaw open.



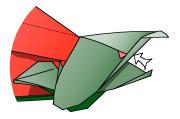
94. Wrap the indicated layer to the other side. Repeat on the other gill cover.



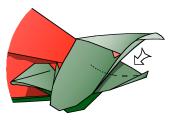
95. Outside reverse-fold edges of the lower and upper jaws. Round the gill covers with mountain folds.



96. Fold the upper jaw tip down and shape it into a hook.



97. Curve the edges of the upper jaw on both sides of the model.



98. Depress inside the mouth to narrow the lower jaw.

