Ichthys

designed by Michał Kosmulski — http://michal.kosmulski.org/origami/

This fish is an example of using my Cross Lap Unit. Many other shapes can be folded in a similar fashion, including multi-module assemblies.

Use a single long strip of paper, with approximately 1:12 aspect ratio. Fold the strip in half lengthwise. The Crease Pattern (CP) below shows how to fold two notches on two opposite edges of the folded strip, which can then be locked together at the base of the tail, like a cross lap in woodworking. There are no reference points for where to make the notches: roughly ⅛th of the strip's length is a good starting point. The value d in Crease Pattern below is the width of the notches. They should be wide enough to accomodate the thickness of the paper at the intersection.

| tail | intersection | head | intersection | tail |