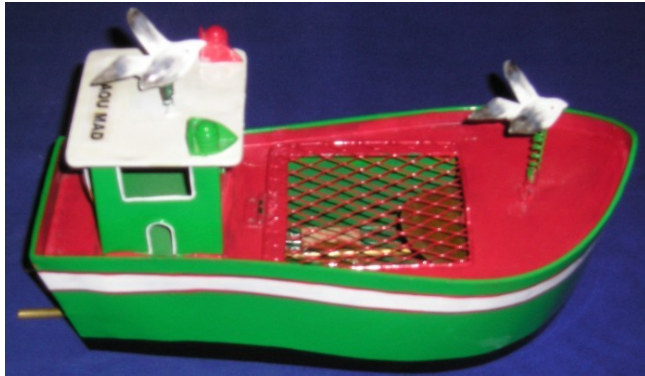


TRAOU MAD



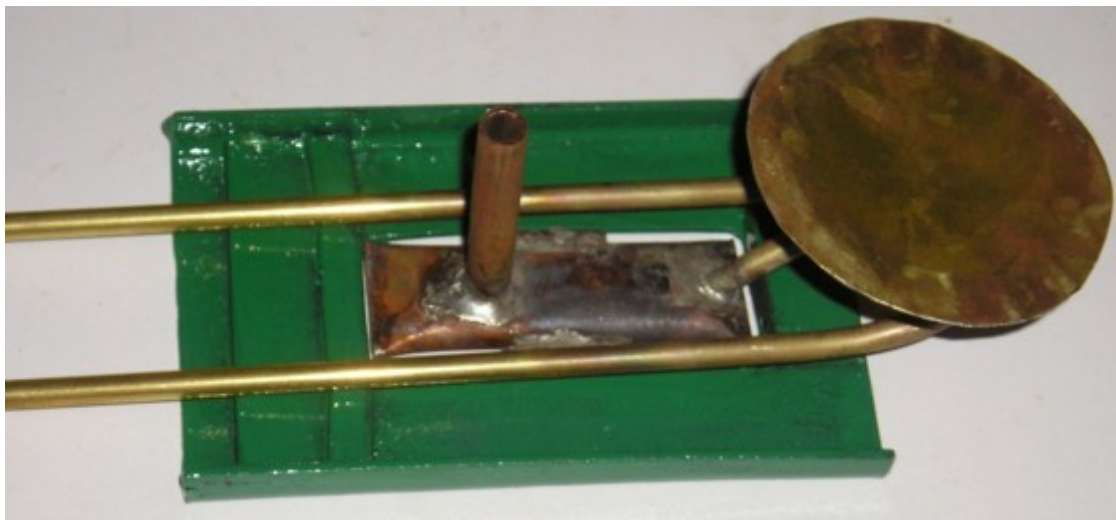
In English, this Breton's name (of cookies) means GOOD THING.

In July 2010, Jean-Louis, an Internet correspondent, sent to me some photos of a cookie box having the caricatural shape of a fishing boat. See « Olibrius ». I finally got (an empty) one on ebay.

First, a stability test. Center of gravity too high. The boat finds its equilibrium with a

big list. A piece of copper located slightly under the deck to simulate the mass of the future engine and small lead weights at the bottom to get a nil list. Weighting: 175 to 200g of ballast are needed.

What will become the ballast will in addition support the engine and its burner. A piece of steel sheet (2mmx110mmx90mm) will do it. A hole in the middle for burner housing, folding the longer sides to allow this piece to go through the deck hole. Soft brazing of 2 little pieces: a light one to limit the burner position fore, and a heavier one, folded, at the back, to limit the burner position aft and to support the engine and to put the boat in its water lines. Some paint. It's ready.



Other works: Unfolding the roof which was damaged during transportation. Permutation of the navigation lights originally mounted inverted as on Jean-Louis' boat. Some paint outside and more inside to watertight the underwater hull. And, while waiting for the paint to dry: building the engine. Classic basic design, but engine larger than the ones of boats we find on the market. Body made of copper. A piece of pipe annealed and cut along and unrolled, then cut as a disk of diameter 63mm, then pinched spherically on a 50mm diameter. Diaphragm made of brass, 5/100mm thick. Two brass tubes, ID4mm, length 250mm. First, silver (40%) brazing of the tubes to the body in order they don't move when soft brazing the diaphragm. Test of the engine alone. Good working. Assembling parts together. Ballast glued with neoprene glue (wide glued surface) and engine glued with epoxy glue, using two small pieces of wood at mid length of the pipes. 24H waiting for the glue to dry, and launching. It floats, it emits pops, and the boat moves forward.