

Chain Plates

In his book "Art of Ship Modeling" Bernard Frolich explains how to fabricate and install these on page 196.

For my model of "La Belle Poule" 1765 I did not follow it exactly, as you can see by my shop note below. The French way of doing these is different than the English, but it's worth noting that nothing was standardized in those days.

At the end of the notes compare how much simpler the chains were on the Norwegian brigantine "Leon" of 1880.

CHAIN PLATE (CADÈNE DE HAUBAN)

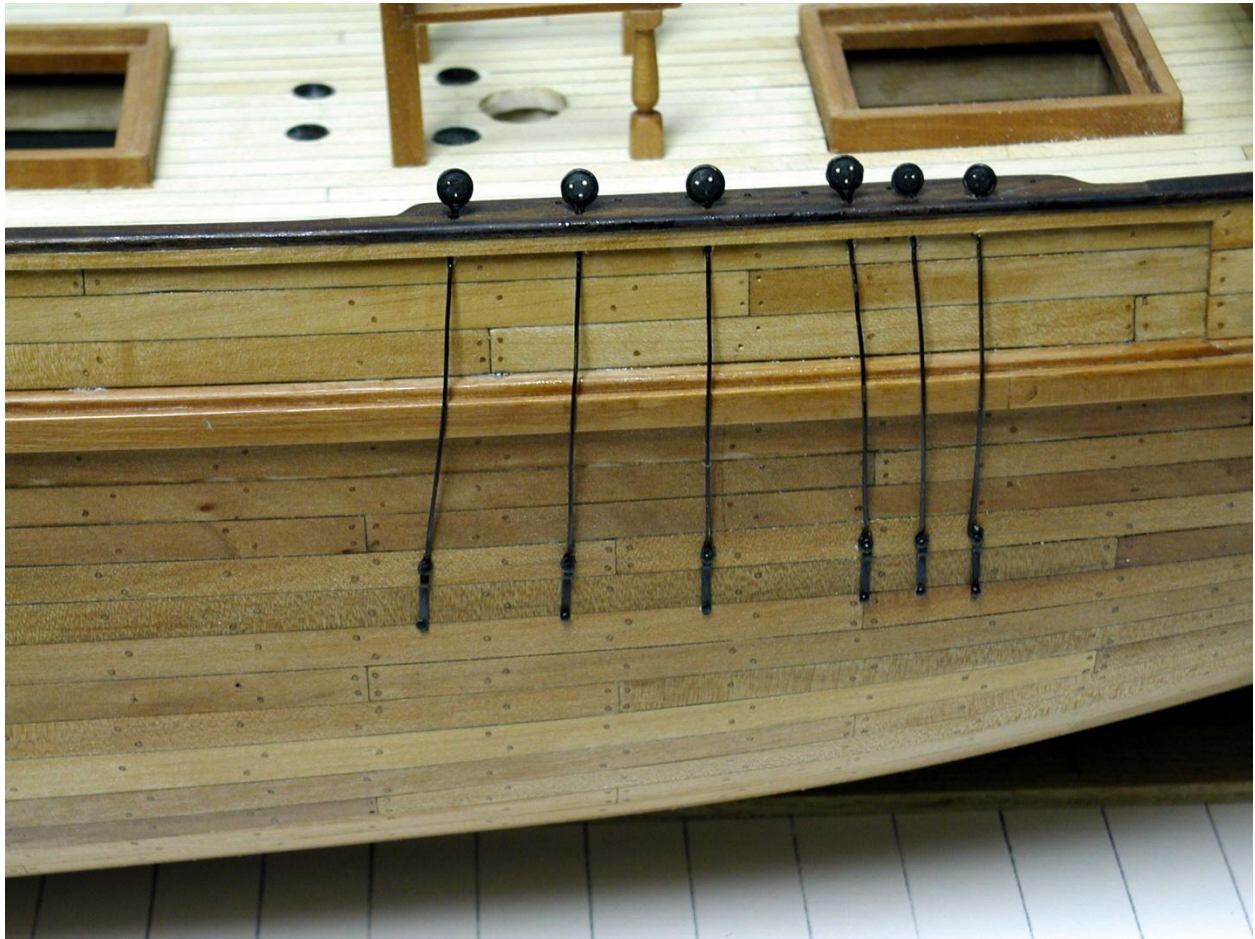
I DID NOT FOLLOW FRÖLICH'S WAY OF DOING THESE. HE SUGGESTS MAKING A JIG REPRESENTING THE SHAPE OF THE CHANNELS (PORTES HAUBANS) & CHAINS. THE REASON IS, AT THE BOW (PROUE) THE SHAPE IS COMPLEX & NEARLY EVERY CHAIN HAS A DIFFERENT LENGTH. FOLLOWING IS A FEW SKETCHES.

- ① **CADÈNE**
DEAD-EYE (CAP DE MOUTON)
DRILL HOLES FOR NAILS
CONTRÉ CADÈNE
MASS PRODUCE THESE PARTS & INSTALL TEMPORARILY
- ② **WIRE**
MOLDING HOLDS DEAD EYE IN PLACE
MEASURE, DOUBLE & ADD 6-10 MM.
- ③ **BLACKEN THE PIECE OF BRASS WIRE & SCARPH ONE END**
USE A PIECE OF WOOD: FILE
- ④ **BEND ONE END**
ROUND NOSE PLIERS
- ⑤ **HOOK WIRE INTO CAP DE MOUTON**
WITH ROUND NOSE PLIERS BEND UP THE WIRE AT 90°
NOTE: THIS IS A GUESS GAME!!
MIDDLE CHAIN
LOWER CHAIN
- ⑥ **PUT LOWER END OF MIDDLE CHAIN THROUGH LOWER CHAIN, BEND UP & SEE IF ONE HAS THE LENGTH OF MIDDLE CHAIN CORRECT. IF SO, UNINSTALL WHOLE ASSEMBLY, CUT LOWER LEG TO LENGTH, UNBEND SLIGHTLY & SCARPH AS IN ③**
CUT
- ⑦ **SOLDER**
HOT
CAP DE MOUTON
CROCODILE CLIP ON "3RD HAND"
- ⑧ **PAINTE WIRE WITH BLACK PAINT & RE-INSTALL.**

This picture illustrates the chains on the forward port side:



Chains for brigantine *Leon* 1880:



Keith Harrison
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