

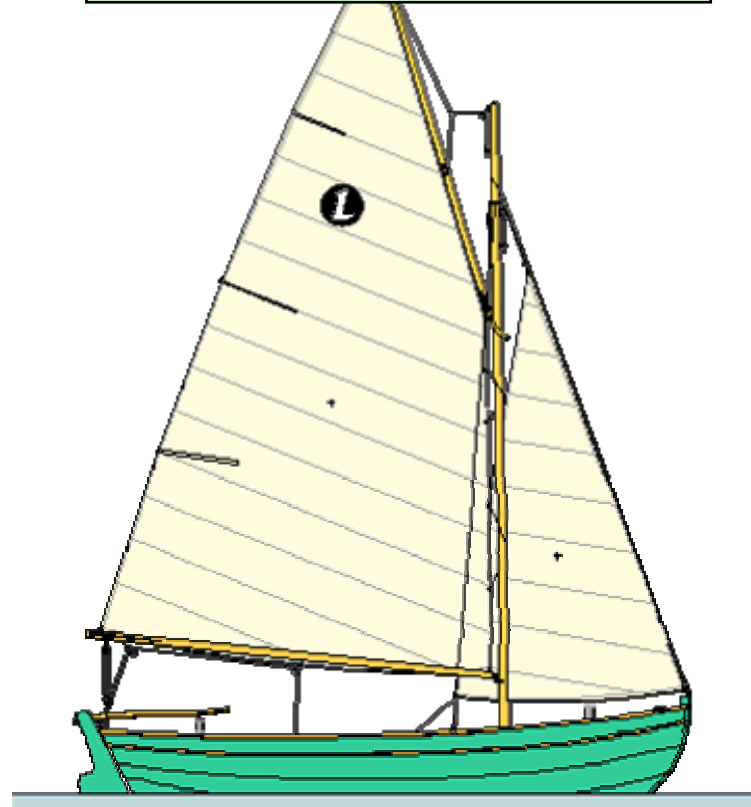
# Lilou

## TECHNICAL FILE

### FRANÇOIS VIVIER – ARCHITECTE NAVAL

Lilou's design is based on an observation: today's sailing- fishing amateur are only supplied with pneumatic boats equipped with big outboard motors, motor-boats inspired by the automobile fashion, or plastic boats so much nude that one does not know where to tie the mooring line. With Lilou, we intended to supply the demand for a simple but seaworthy boat, with a nice profile inherited from the tradition, but above all adapted to its intended use, offering a large room to its crew (centerboard well is nearly totally under the deck). We have as well intended to provide ease of construction and economy; both for the amateur and the professional, through the epoxy resins and the digital design tools. Lilou has a plywood bilge, built by the method of stitch & glue. In short, we cut the strake according to the template, fix them temporarily with metal wires, place the epoxy joints, and cover the whole assembly by epoxy. We obtain a strong and durable hull, by benefiting from the advantages of wood and the resin simultaneously. For the rig, we preferred the spanker sloop. It lets you mast alone, and offers the efficiency of a modern rig and the rusticity of a traditional rig. But a lateen rig and a lug rig will also be offered, as they are very practical for fishing due to absence of boom. A marconi version with an aluminium mast may also be studied upon request. You can also mount an outboard motor at any time, into the well provided close to the steering lever. You can even think of a diesel version with the only condition of replacing the centreboard with a long keel. Lilou can be simply a motor- boat as well. Crowded ports are taken into consideration as well. Lilou is a transportable boat that can be put into water from an inclined carenage. Although it has a centreboard for stability on the sea, it still remains light enough, and does not require a trailer with brake system. Amateur boat builders can buy from the architect, a complete file of plans which contains assembly guide and real- size drawings on polyester patterns.

L.O.A	5.20 m
L.W.L.	4,50 m
BEAM	1,85 m
DRAFT CB UP	0,42 m
DRAFT CB DOWN	0,98 m
WEIGHT	400 kg
CENTERBOARD	140 kg
SAIL AREA	17 m2
CAPACITY	6 PERSONS
CATEGORY	C



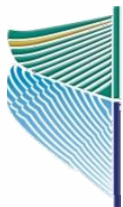
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