

# Youkou Lili

## TECHNICAL FILE

FRANÇOIS VIVIER – ARCHITECTE NAVAL

Between Youkou-Lili and me, is a love story. It is a boat that I have imagined, drawn, and built in my garage, and launched finally in 1985. I wanted a boat which is very good at sail, and as good at oar. Aven, the reference boat at that time, did not satisfy me with its oaring performance. The form of Youkou-Lili, inspired both by the Norwegian Faering" (sharp stern), and by the American "Swamscott dory" (flat bottom), makes it an excellent oar boat for the sea. Originally I was planning to make a clincher –built wooden boat, varnished or oiled. But besides the difficulty of finding good quality large planks, I have realised that the boat could as well be built by plywood, without making this substitution apparent. The plywood is painted, and this is totally conforming to the aesthetics of a small traditional boat. Built that way, Youkou-Lili could sail nearly 20 years without aging. It met the swamp of Brière, the river of Erde, waters of North and South Bretagne, Iroise (picture), Connemara, Norwegian lakes and fjords.... Concerning the rig, I have tried successively sprit-sail sloop, dipping lug, and when I sold the boat, lug sail at mast step. I like very much the sprit-sail, very much unknown and characteristic of many boats of

L.O.A.	5.70 m
L.W.L	4,52 m
BEAM	1,50 m
WEIGHT	170 kg
SAIL AREA	10 m <sup>2</sup>
CAPACITY	5 PERSONS
CATEGORY	C

Northern Europe. But after the first years, I have passed to dipping lug sail (picture). It is a demanding rig. You have to pass the yard from one side to the other, which can be done within seconds with practice. But it is the best performing traditional rig, due to sail always well apart from the mast. Whether sailing or rowing, Youkou-Lili had always the first place in the sail-oar contests it participated. Youkou-Lili was then offered in the form of a construction file, and the name of my ship became the name of the series. One of them won the prize of "Great Glenn Raid" in its category in Scotland, which proves the quality of the boat. In 2004 we have totally updated the file, which allows us know to offer a real size drawing on polyester template. In addition to three others, a new sails plan, consisting of lug sail and jib, is also offered.



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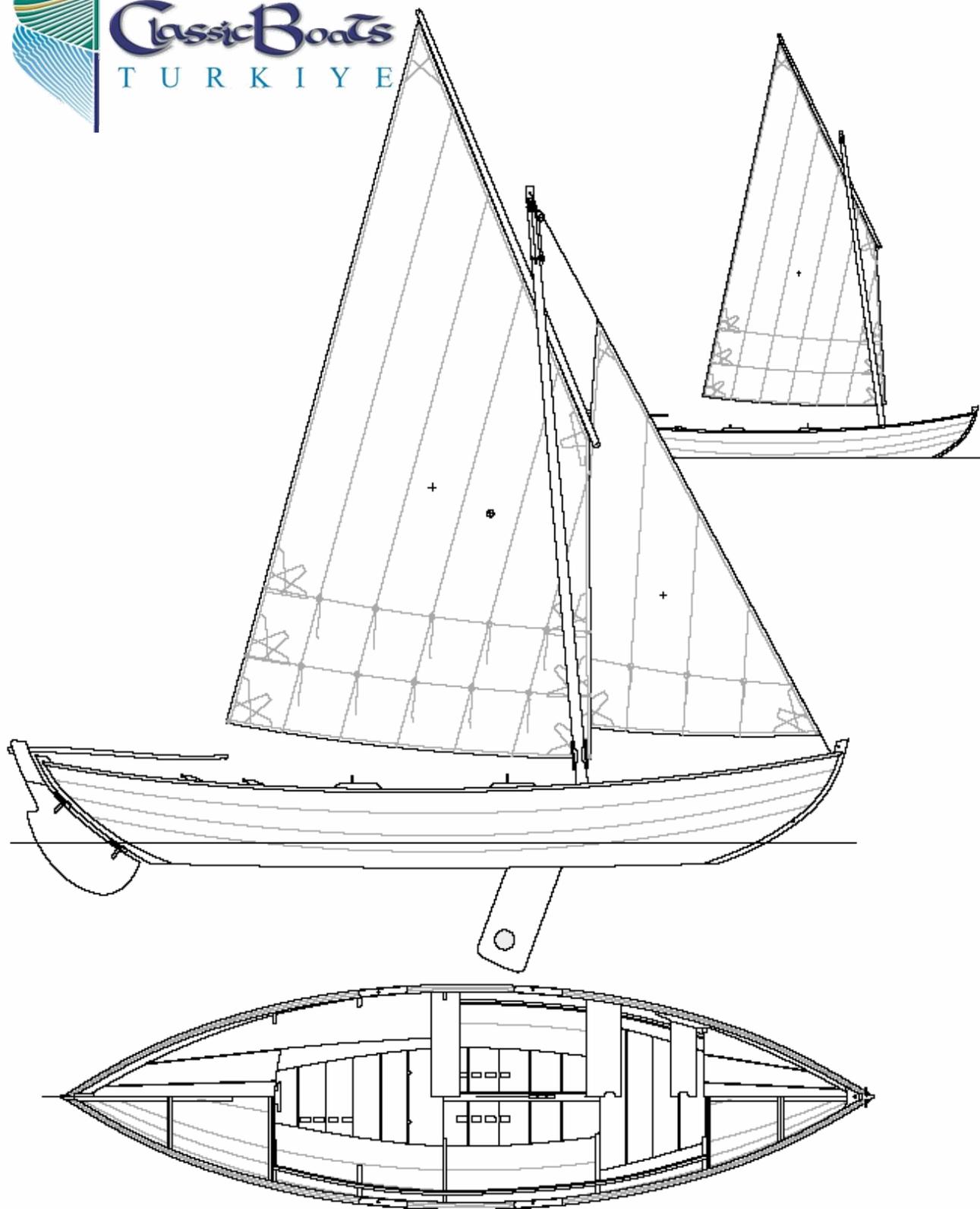
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# Youkou-Lili



Version sloup au tiers (en arrière plan, mât avancé sans foc)