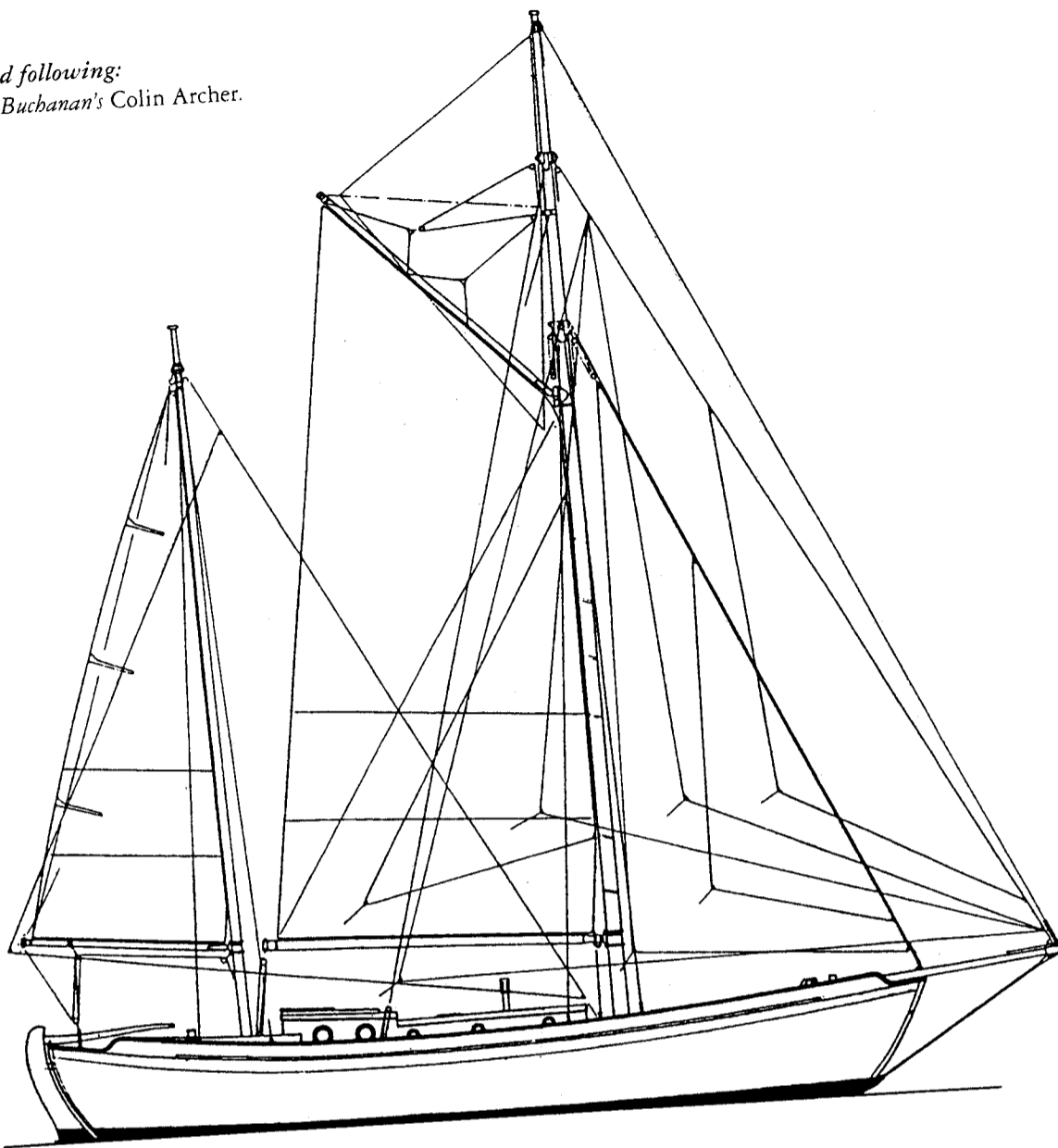


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Plans of Alan Buchanan's Colin Archer.



produce the lines. The vessel is roughly the same size as the *Karin III* and the experience gained in sailing this vessel was of enormous help in designing the new ship. The hull form is very different and all the ballast is outside. Scantlings ... are heavy by modern-day practice. The ketch rig has been selected as being the most suitable for deep water cruising, cutting the sail area up into easily-handled units.

The hull of Buchanan's *Colin Archer* has less beam than the skoite type of similar length, has less flare in the

sides, but retains the atmosphere of her prototypes. Her dimensions are 41'3" (12.6m) length on deck, 35'10" (10.9m) waterline length, 12'6" (3.8m) beam and 6'4 1/2" (2m) draught. Her displacement is 18.2 tons, of which 7.4 tons are in the lead keel. There is no internal ballast. The rig is lofty with a narrow mainsail and large staysail. The bermudan mizzen is an improvement over the lower, gaff mizzens of the Norwegian type and allows the setting of a mizzen staysail, in practice a sail seldom set in my experience. The yard topsail is a doubtful

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