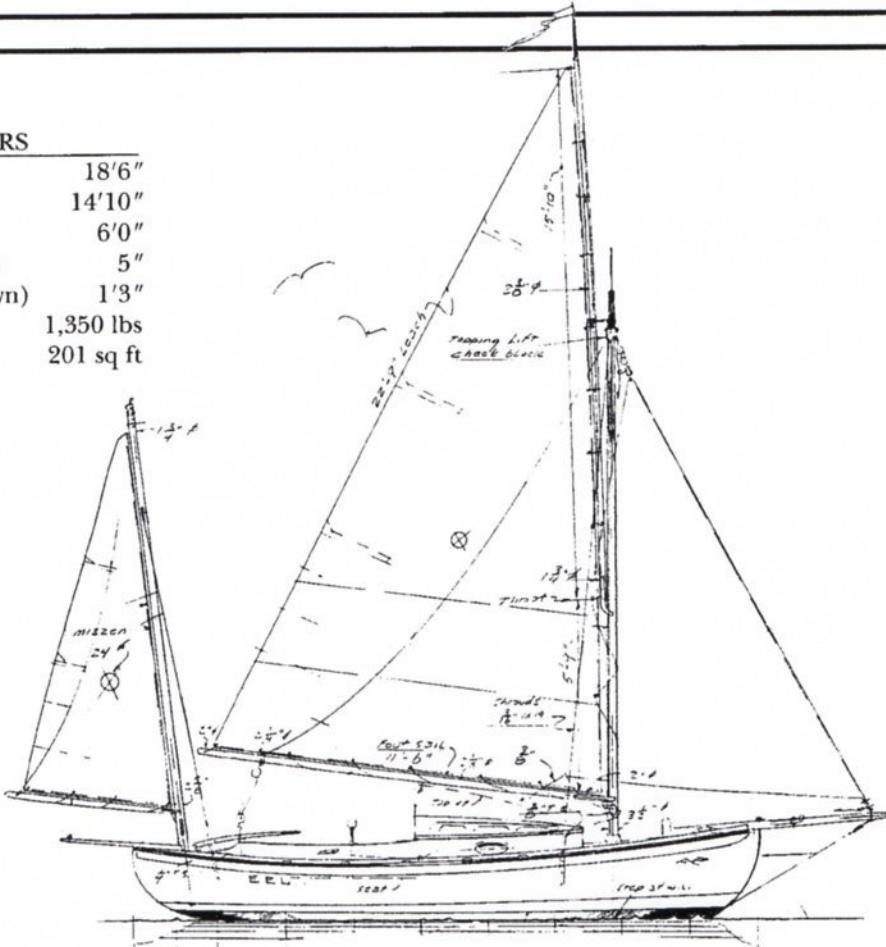


18'6" Canoe Yawl, Eel

by William Garden

PARTICULARS

LOA	18'6"
LWL	14'10"
Beam	6'0"
Draft (cb up)	5"
(cb down)	1'3"
Displ.	1,350 lbs
Sail area	201 sq ft



We've long admired Bill Garden's canoe yawl Eel, and we're pleased that he has redrawn her plans for WoodenBoat. This delightful little design is named for a 19th-century British cruiser drawn by George Holmes. The original Eel was larger and heavier than our Eel, but the two boats have a family resemblance in the double-ended hull form and the yawl rig.

While our Eel follows the original canoe yawl theme, the construction has been arranged to incorporate today's materials for building by either strip or cold-molded methods.

In form she is similar to a large sailing dinghy. She has no reverse curves in her sections and is of light displacement, making trailering and beaching easy. For a boat that is to be put ashore regularly, the lead outside ballast can be omitted and a similar amount of shot bags carried inside and put ashore prior to hauling her up on the beach.

The simple yawl rig requires a minimum of purchased fittings. The mast is short, but sufficient sail area has been achieved by fitting an efficient gunter rig. Spars

stow on board for trailering, and the bowsprit and boomkin can be arranged to unbolt and shorten her up for storage.

For spartan overnight cruising a small cuddy cabin is shown with hinged top to allow better sitting headroom below. She can be built with this cabin or simply as an open dayboat with a large party cockpit. Some Eels have been built with folding canvas shelter cabins.

The shoal-draft centerboard arrangement opens up usually inaccessible shallow bays and estuaries that often prove to be the most interesting coastal cruising spots. For very shallow waters or for beaching, the rudder can be retracted vertically, and she can then be steered with an oar out either quarter. Stand-up raised oarlocks are shown to help her along in a calm. A small outboard (about 4 hp) clamped on a bracket will move her along at about 4½ knots.

Four sheets of plans are provided, showing sail and spar details, arrangement, and lines and offsets. Construction details include sections for carvel, cold-molded, or strip planking. WB Plan No. 90. \$100.00.

Plan 90

DESCRIPTION

Hull type: Round-bottomed canoe yawl
Rig: Yawl
Construction: Strip, cold-molded, or carvel
Headroom/cabin: About 3'
PERFORMANCE
*Suitable for: Somewhat protected waters
*Intended capacity: 3-6 daysailing

*See page 78 for further information.

Trailerable: Yes

Propulsion: Sail, oar, outboard

Speed (knots): 3-5

BUILDING DATA

Skill needed: Intermediate to advanced
Lofting required: Yes

*Alternative construction: Lapstrake

PLANS DATA

No. of sheets: 4

Level of detail: Average

Cost per set: \$100.00

WB Plan No. 90

