

SPARKMAN & STEPHENS, INC.

DESIGN DEPT. - 79 MADISON AVENUE, NEW YORK 16, N. Y.
BROKERAGE & INSURANCE - 11 EAST 44th STREET, NEW YORK 17, N. Y.

DATE: 6 July 1967

Design No. - 1710

PLAN DESCRIPTION

Name

Designer— Sparkman & Stephens, Inc. Address— 79 Madison Avenue
New York, New York 10016

Owner— Various Club or Address—

Builder— Various Address—

Type of Yacht— Auxiliary Sloop (Keel—CB) Date of Launching—

LOA— 36'0" LWL— 25'6" Beam— 9'8" Draft— 6'0" Designed Displacement— 14545 lbs.

Sail Area— 532/571 sq. ft. Ballast (lead, iron)— 7980 lbs.

Sails by— Various

Engine (Builder, HP, RPM, model)— Arona Diesel— 12 HP at 2000 RPM
Volvo— Penta MD2, 15.5 HP @ 2300 RPM Fuel used— Diesel

Single propeller screw— 16" x 4" Reduction gear (maker, ratio)— 1.87:1 - 2:1

Auxiliary machinery (maker, type, capacity, purpose)— 2 Henderson bilge pumps (hand); 2 Dorade vents on cabin trunk

Electrical Equipment (maker, voltage, type)— 12 Volt System - Exide batteries

Galley equipment— Stove - Sink - Ice Box

Steering gear, Power capstan, etc. (maker, type)— Tiller/Wheel

Tankage: Fuel— 20 (US) gals.: Water— 60 (US) gals.: Material of tanks:

Speed (actual, estimated) (statute miles, knots)— 5.8 at 2000 RPM

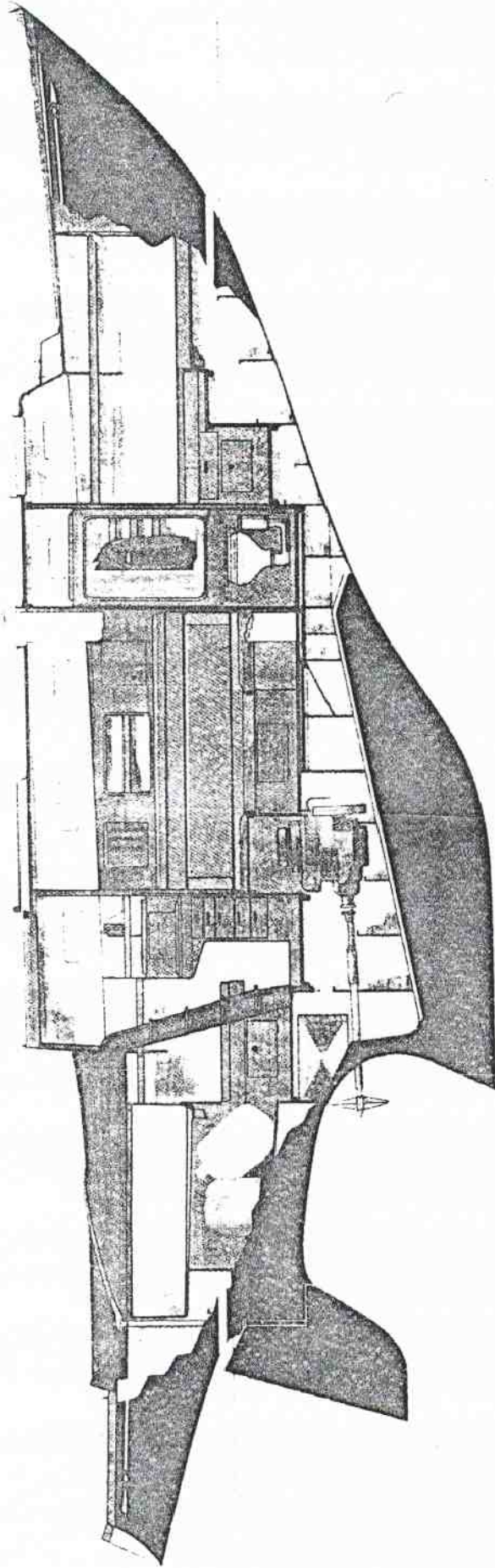
Cruising range— miles RORC Rating - less than 22.0

Wood or Fiberglass Construction: Stem—	Keel—	Deadwood—	Frames— Mahogany (laminated)
Planking— Mahogany	Decks— Teak on Plywood	Trim— Mahogany	Fastenings— Everdur
Spars (solid, hollow)—	Optional - Wood/Alloy	Made by—	
Standing rigging—	1x19 St. Steel-Truloc fittings	Hardware by— Various	
Accommodations: Owner's Cabin - 2	Guests - 4 (Cabin)	Crew - 0	1-Quarter Berth

Designer's remarks (including the owner's requirements and any unusual features)

This design originated with the successful HESTIA; launched in 1959. Two slight modified versions: DIANA III and JETTEBETH IV, launched in 1964, have had numerous successes in Baltic racing. DIANA was first, HESTIA second, in the ONE TON Cup Series in 1965. A subsequent further modification placed the rudder on a separate appendage aft of a shortened main keel. This has resulted in further improved performance and extremely good downwind control. The first of this design was NESEA with many successes in the Marseille's area in the Fall of '66 followed in '67 by CYBELE in the west coast of France and in Denmark. Various interior arrangement plans are offered.

Designed by Sparkman & Stephens
 Built in Finland by NAUTOR Ky



Data:
 Length Overall..... 36 ft.
 Length Waterline..... 25.9 ft.
 Beam..... 9.67 ft.
 Draught..... 6.03 ft.
 Displacement..... 6.37 tons
 Ballast..... 3.50 tons
 Sail Area approx..... 538.5 sq. ft.

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SWAN 46-1 is constructed of glass-fibre to Lloyd's 1964 Class (carbon with extensive teak trim on deck and below). The design was developed in 1964 by Hurrell & Johnson.

Standard lay-out is for a Cruiser Racer with alternative purely racing and purely cruising layout.