



Florida Keys & Great Lakes Marine Services

South Haven, MI 616-637-5555
GEORGE T. STUCK Key West, FL 305-294-6254

Yacht Survey Report Page 1 of 6
Owners Name: Public Reseach
Institute
Address: 725 Market St.,
City Wilmington
State Delaware
Zip 19801 Phone

Yacht Name "Pegasus" Manufacturer Designed by Frank MacLear
Cabin Cruiser Runabout Utility sail Yes
Sport Fishermen Houseboat Other Pegasus 45-Cruising Cutter
Year Built 5 of 1990 HIN: PUB11111A989 Documented Yes
Official No. 946837 State Reg. No. None Title None
Hull Material: Glass Wood Steel Aluminum Yes Planking Lapstrake
Strip Whole Sheet Hull Frames: Bent Sawn Hand Laid Glass
Chopper gun Gel-coat Condition Hull to liner bond
Hull is insulated with Poly Ethylene Foam Cut & Glued 3 1/2"
Ceiling Liner, Interior Facia is Ash stained. Fastened with S. Steel screws
Stem is filled with Expansion foam, as well as bulkhead, & tankage areas
throughout the vessel

Hundested no 4911 Variable Pitch
No. of Props. One Material Bronze Shafts One Material S. Steel
Shaftsize 2" Keyed Struts Zincs 6 Cutlass Bearings One
Loose Firm New Rudders One Condition New Condition

Steering: Cable Quadrant Hydraulic Wheel Yes Tiller Emergency
Auto Pilot Yes Trim tabs Comments Steering arrangements not
totally completed.

Main Engines: Inboard Yes FWC, Yes Outboard I.O. Stern Unit
Single Yes Twin Gas Diesel Yes Type Perkins 4236 4(cyl)
Serial No. Port Starboard

Auxiliary
Installed to Marine Standards: Yes
SeaCocks on water intakes Yes Strainers Yes
General Condition: Engine hoses New Wiring New Flame Arrestors n/a
Exhaust Blower N/a Exhaust ducting n/a Intake ducting n/a
275

Fuel System & Gas Tanks: No. tanks 4 Capacity 40 Continuity Yes
Vented to outside Yes Fuel shutoff's Yes Accessible Engine Compartment
Fuel line material S. Steel Flex line at engine Yes filters Yes

Fuel pumps + Rubber.
Diesel Batteries not on board
Batteries No. Secured against movement acid proof box
covered terminal boots 3-way switch Yes Charger
Shore Power Yes Inverter common ground

Refrigerator N/a Type Make & Model
Not on board
Galley Stove Type 4-burner w/oven Make & Model Kerosene Shipmate 89A22

Head Not on Board Type Make & Model
Holding Tank Yes Type A1-2-15 Gal. Make & Model Fabricated

Pump Out Yes Type Deck Through Hull No seacock Macerator pump

Bilges: Free of Grease, oil, debris or cluttering Like New
Bilge Pumps: No. 2 Electric Manual 2 Automatic

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Key West, FL 34134
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Yacht Survey Report 2. of 2.
Owners Name Non Profit Public Research Institute-American
Address: Youth Hostels-P.O.Box 508-Valporaso
City 508-Valporaso
State Indiana
Zip 46384
Phone 219-464-3952

Wiring to Coast Guard & AYBC Standards
Voltage, Amperage monitoring meters at Main Panel. Disconnect switches & complies with standards. Like New Fuse Panels n/a
Wiring: General Condition
Switchboard Location Salon-Bulkhead All Electric Motors Sparkproof Yes
110 volt circuits on board Yes No. and Size of Outlets Under Construction

Auxiliary Generators

Fire Extinguishing Systems: Installed None Make & Type Controls
Manual Auto Both Date of last inspection
Portable Fire Extinguishers No. Type Location

Good & Servicable Condition

Equipment: Compass None on Board Bell Horn
Searchlight Bilge Fume Detector VHF
Depth Recorder or sounder VHF
Loran C Radar
Radio Direction Finder

Navigation Equipment not yet installed on Vessel.

Canvas: Condition Top
Side Curtains Back Drop Cockpit Cover Trailer
Full Length Storage Cover Cradle
Vessel at Survey on Jack Stands & Keel Supports, with no cover

Anchor Line Yes Material BBB-Chain Approx. Feet 7/16"x 450'
Anchors Yes No. 3 Type 2-Bruce-1-Danforth
Mooring Line Not on Board No. Material

Sails: Rig Cutter Material Dacron No. of Sets 1+
Age New Condition Not Seen
Masts: No. & Size One 11 1/2 x 8 x 50' Material Al solid Hollow Yes
Spars: No. & Size Boom 3 x 7 1/2 x 18' Material Al Condition New
Rigging: Standing 3/8-1x19 Material S.Steel Condition New
Running 2 Material Dacron Condition New
Winches: 4x # 28 Andersen 2x # 42 Andersen 2x # 52 Andersen
Mast is stepped on tabernacle
Blocks are Harken



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General Condition - Maintenance - Housekeeping - General comments.

General Condition: New Construction

Design: Frank MacLear No. 507
MacLear & Harris Inc.
28 West 44 St.,
New York, N.Y. 10036

Hull Lofting: George Oprisko

Builders Certificate: George Oprisko

Hull Welding & Fabrication: Dave Anderson 815 Wells St. S. Haven
Michigan 49090--Phone 637-7055
Rocky Farrell Same
Eddy Briesacher

Hull Painting & Finish Work: George Oprisko 30 S 200 W Valporaiso
Indiana, 46383

Recommendations: No. & specify with; A. "Immediate & urgent" B. "To be done within a specified time" C. "Advisable Only"
D. "None Warranted".

Hull fabricated in South Haven Michigan. Lofting circa 11/85 & fabrication begun.

A Bare Hull moved from South Haven Michigan to Mr. George Opriskos Residence where, bulkheads, Cockpit & deck welding was continued & completed. Vessel was fitted out, painted & brought to its present state of completion at that location. Expected date of completion & launching circa 5 of 1990.

All the construction, lofting, & fitting out is & has been done under the direction & participation of Mr. George Oprisko.



MEMBER

Surveyor's Signature

Date & Time

2/14/90 - 1400 hrs.

This survey sets forth the apparent condition of the vessel, including hull, machinery, equipment, fittings and gear, to the best of the surveyor's ability without removal of bulkheads, panelings, ceilings, or other portions of her structure and without the opening of her machinery or auxiliaries for internal examinations or their operation for performance study. It represents the surveyor's honest and unbiased opinion, but in submitting this survey, it is understood by all parties concerned, that this survey is not to be considered a guarantee of its accuracy, nor does it create any liability on the part of the surveyor or his employers arising out of reliance on information contained in the survey.

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Survey of the Vessel Pegasus, at the Residence of Mr. George Oprisko, Valparaiso, Indiana on February 14, 1990. Mast & Rigging not on Vessel. Interior in state of construction finish work & installation.

ADDENDUM
Yacht:

"Pegasus"

Specifications: 45' with BowSprit
36' Length at Water Line
22 Gross Tons Documented

Draft: 4.6'

Beam: 13.6'

Electrical:

Marinetics Electrical Panel with 3-way disconnect for 12-volt system. Although batteries not installed & wiring not complete, space is provided for 2 heavy industrial batteries to strbd., over Fuel Tanks. Also space for one starting battery. Charging will be off the alternator on the engine. Current from the batteries is direct to the Panel & on board circuits are controlled by circuit breakers.

120Volt AC will be provided through an Isolation Transformer to the Panel. Circuit breaker protected circuits on board the vessel will initiate from the panel.

Tanks:

6-Zincs are attached to the hull. One of which is isolated from the hull, but is bonded to the Hydraulic cylinder attached to the Stainless Steel rudder Post. The remainder are bolted to A1 bolts integral with the Hull itself. Also a Shaft Zinc is placed on the shaft just foreword of the Prop.

Fuel: 275 Gal. located in 3 tanks Port & Strbd Engine Room Also incorporated into these integral tanks is a 40 Gal. Kerosene Tank. Fills are Port & Strbd of the Cabin on deck. A system of valving allows the filling of the separate Tanks.

Fresh Water: 300Gal. located in 6 tanks. These tanks are located Port & Strbd in the Main Salon. Fills are Port & Strbd at the forecorners of the Cabin.

Waste Holding & Grey Water: 2-15 gal. waste, 1-12 gal. grey located foreword center bilge.

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Topsides at the stem is the BowSprit with anchor rollers.
Just aft Chain Windlass. Rails are approx. 45-43 above
deck. Below deck Foam filled stem with bosuns locker just
aft. Water tight bulkhead just aft. Two ball valves provide
ventilation to this compartment & security with water tight
door should the necessity arise. Just aft V-Berth cabin with
draw & cabinet storage underneath. House Pipes descend to
chain lockers foreword.

Just aft Water tight bulkhead with water tight door.

Located down 7 steps from Helms position in raised cockpit.
Finish work in progress.

Located to strbd. between V-cabin & Main Salon. Area under
finish, & installation construction. Watertight Bulkheads
& doors fore & aft.

Hanging lockers, draws, cabinets under construction.

Located aft down steps from raised cockpit. Finish work
underway.

Per Owners Plans.



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ADDENDUM
Decor:

Cruising Motif. Exterior blue (dark) with red bottom paint
Top sides off white. Interior lite Ash.

Associated Eq. List. Per the Owner.

Mechanical:

Bilge Pump installed Edson 30 Manual diaphragm. A system of valving allows pumping of individual compartments & bilges. An additional Edson 30, owner indicates will be carried on a board with tubing attached. Also a 3" gasoline powered trash pump owner indicates will be carried on board.

Hull Scantlings: Keel Shoe $\frac{1}{2}$ " thick
Keel sides $\frac{3}{8}$ "
Keel sides to water line $\frac{5}{16}$ "
Water line to rail $\frac{1}{4}$ "
Deck $\frac{3}{16}$ "
Longitudinals $\frac{1}{4} \times 1\frac{1}{2}$ " 6061 flat
Bulkheads $\frac{3}{16}$ " (5-watertight)
Valving Banjo single throw ball
Threw Hulls are Stand Pipes with Ball Valves
Plating is Aluminum 5086 & 5052 Filler rod is 5356
argon shielded Welds were Die Checked before Leaving
Dave Andersons Boat Works.

Rudder Post $2\frac{1}{2}$ " (316) Stainless Steel
Stock $\frac{1}{2}$ " plate weldment S. Steel
Glassed & faired

Paint: Hull Sterling Epoxy UT2554 Primer
Bottom Classic Yacht-Tin Base
Topsides Sterling U1000 Polyurethane

Owners Investment: Material-Machinery-Labor-Piping to 1988--\$169,000.00
Labor 1988-89 16,000.00
Labor 1987-88 54,000.00

Per Mr. George Oprisko \$239,000.00
Summary and Value: Surveyors Estimated Retail Price As Is.....\$310,700.00

Surveyors Estimated Retail Price Sea Ready, Coast Guard Package on board, finished out & equipped with the amenities & Navigation Equipment for a Vessel of Her size.

Low High
\$333,000.00 \$382,400.00