



Standards
Marine Surveying

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THIS REPORT OF
MARINE SURVEY
OF THE VESSEL

"WHISKER"

A 1996 NONSUCH 324

PERFORMED ON
July 16, 2003

IS THE SOLE PROPERTY OF:

TOM STACHLER

ATTENDING:

RONALD E. POSTMA
MARINE SURVEYOR SA

SOCIETY OF ACCREDITED MARINE SURVEYORS

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INTRODUCTION AND SCOPE OF SURVEY

*The sailing vessel, **Whisker**, a 1996 Nonsuch 324, was surveyed by Ronald Postma, Marine Surveyor, at the request of Tom Stachler. The survey was conducted on July 16, 2003. The vessel lay in her slip at Duncan Bay Yacht Club in Cheboygan, Michigan and was fully commissioned at time of survey. She was not hauled for inspection of wetted surfaces or underwater machinery and hardware. A sea trial was not performed as part of this survey.*

Some of the vessel's papers were on board. Her Hull Identification Number (HIN) was recorded from the both the hull and USCG Documentation papers.

This survey was performed by STANDARDS MARINE with due diligence and in accordance with the accepted professional standards of the marine surveying industry. Appropriate Federal Regulations and the voluntary standards of the National Fire Protection Association and the American Boat and Yacht Council were also used as guidelines.

During the course of the survey, Standards Marine did not perform destructive testing or removal of fastened panels, components, tacked down carpeting, anchors or anchor chain.

The survey is limited to such items and conditions as represented herein. This report is only the opinion of STANDARDS MARINE and is not a warranty or guarantee of the vessel's or it's equipment's suitability for their intended uses. Neither is any opinion expressed concerning the internal condition of any propulsion system component or the compliance of electronic equipment with either manufacturer's specifications or Federal Requirements.

It is recommended that a qualified engine surveyor inspect the vessel's diesel engine, pumps, heat exchanger and transmission to determine their condition, and that a sea trial be conducted to evaluate the vessel's performance characteristics.

This report does not, in any way, represent an inventory of the vessel or her equipment.

**Ronald E. Postma SA
Marine Surveyor**

Date

GLOSSARY

The following terms may be found in this report and their intended usage is as follows:

OVERALL VESSEL CONDITIONS

ABOVE AVERAGE

Has received professional maintenance and is mechanically, structurally and cosmetically in near new condition.

AVERAGE

Mechanically and structurally sound and cosmetically unabused. Some wear and tear visible.

BRISTOL

In perfect condition, flawless. Better than new. (Even show boats seldom achieve Bristol condition)

FAIR

Requires significant repairs.

POOR

Very rough mechanically, structurally and cosmetically. Cost of repair may approach vessel's maximum potential Fair Market Value.

RESTORABLE

Enough of vessel remains for restoration. Cost of project will likely exceed the vessel's maximum potential Fair Market Value.

OTHER TERMS

APPEARS

Indicates that a visual inspection or partial inspection was conducted and although deficiencies may or may not have been sighted, some limiting factor or factors precluded a more definitive determination of condition.

GOOD CONDITION

No wear and tear visible, like new

POWERS UP

Device or system activates. No opinion is expressed concerning performance or electronic regulatory compliance.

SERVICEABLE

Although some wear may be visible, item, device or system displays no apparent deficiencies which would detract from it's usability.

SUITABLE

This term is relative to a particular intended or indicated service or use and expresses the Surveyor's opinion that both the design and condition of the object referred to are satisfactory for such use.

Use of * and numerator (B3), e.g. indicates item referred to in Finding and Recommendations.

GENERAL INFORMATION

TYPE OF SURVEY: Condition and Valuation for purposes of finance

DATE OF SURVEY: July 16, 2003

PLACE OF SURVEY: Duncan Bay Yacht Club, Cheboygan, Michigan

NAME OF VESSEL: "Whisker"

NAME OF OWNER: Tom Stachler

BUILDER: Hinterhoeller Yachts

DESIGNER: Mark Ellis

YEAR/MAKE/MODEL: 1996 Nonsuch 324

TYPE OF VESSEL: Sail

HULL IDENTIFICATION NUMBER (HIN): ZHYN3114A596

REGISTRATION
State or Province: Not State registered

USCG DOCUMENTATION
Number: 1038597
Gross Tons: 8
Net Tons: 7
*A1 Expiration Date: August 2002

HULL TYPE: Displacement

HULL MATERIAL: Fiberglass (FRP)

L.O.A: 32' 4"

L.O.D: 30' 4"

L.W.L: 28' 9"

BEAM: 11' 10"

DRAFT: 4' 4"

DISPLACEMENT: 11,500 lbs.

BALLAST:	4,240 lbs.
KEEL TYPE:	Fin
RUDDER TYPE:	Spade
PROPULSION:	Sail and three (3) cylinder inboard
RIG TYPE:	Cat
SAIL AREA:	684 sq. ft.
FUEL	
Type:	Diesel
Capacity:	25 US gallons
AC POWER	
Shore power:	120 volts
DC POWER:	12 volts
FRESH WATER	
Storage capacity:	80 US gallons

EXTERIOR HULL AND UNDERWATER MACHINERY

LOWER HULL:

Type:	Displacement
Material:	FRP with balsa core
*C1 Condition:	Vessel not hauled for inspection of wetted surfaces or underwater machinery and hardware.

Keel

Type:	Fin
Condition:	Not sighted

Keel bolts

Material:	Stainless steel
Condition:	Serviceable as sighted (bilge only)

Ballast

Type:	Lead
Weight:	4,240 lbs.

UPPER HULL (TOPSIDES)

Finish

Color:	White
Material:	Gelcoat
*C1 Condition:	Serviceable as sighted (from dock only)

Stem

Condition:	Good condition
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Transom

Condition:	Good condition
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DECKS AND DECK FITTINGS

MAIN DECKS

Material:	FRP with balsa core
Surface:	95% nonskid
Condition:	
Mallet tap Test:	No significant areas of unbonded laminate were found.
Moisture Content Meter:	GRP 33
Readings:	Generally low, relative. No areas of significant moisture content were found.
Hull to Deck Joint	
Type:	Internal flange
Fasteners:	Stainless steel bolts on 4" centers
Compound:	Yes
Reinforcement:	No
Condition:	Serviceable where sighted
Anchor Platform:	Teak bolt on, serviceable
Chain Locker:	In bow with access through Vberth forward bulkhead.
Bulwarks	
Type:	FRP with aluminum cap rail
Height:	4" high at the bow
Condition:	Good
Deck Drainage	
Number and Location:	Two (2) outboard of cockpit coamings
Condition:	Good
Hatches	
Quantity:	Four (4) (See Interior)
Deck Fittings	
Stanchions and Rails:	There are ten (10) 1" diameter stainless steel stanchions, 28" high, with two (2) gates.
Condition:	Good
Bow Pulpit:	There are three (3) stanchions with double welded rails. Good condition
Stern pulpit:	There are six (6) stanchions with double welded rails and one (1) gate. Good condition

Chocks:	There are six (6) stainless steel chocks, two (2) each, forward, midships and aft.
Condition:	Good
Mooring Cleats:	There are six (6) 8" stainless steel mooring cleats, two (2) each forward, midships and aft.
Condition:	Good
Davits /Cranes:	There are two (2) stainless steel dinghy davits aft.
Condition:	Good
Dorades:	There are two on cabin trunk. Boxes are FRP, cowls are stainless steel.
Condition:	Good

SUPERSTRUCTURE / CABIN TRUNK

Material:	FRP
Condition	
Mallet Tap Test:	Satisfactory
Moisture Content	
Meter:	GRP 33
Readings:	Generally Low relative. No areas of significant moisture content were found.

Portlights:	See Interior
Grab Rails:	There are two (2) teak rails on cabin trunk.
Condition:	Serviceable

AFT COCKPIT

Size:	Approximately 7' x 7'
Material:	FRP
Seating:	Benches port and starboard and raised helmsman's seat aft.
Sole Hatches:	None
Drains:	Two (2) in aft sole corners.
Boarding Ladders:	There is one (1) transom mounted stainless steel fold-up ladder with five (5) teak treads and one stainless steel / teak fixed step on transom. Good condition.
Stowage:	Port and starboard bench lockers.

Bimini

Material:

Frames:

Condition:

Sunbrella

Stainless steel

Serviceable

Dodger

Material:

Frames:

Condition:

Sunbrella and Isinglass

Stainless steel

Serviceable

CABIN INTERIOR

CABIN LAYOUT:	Down four (4) steps, quarterberth, nav station, settee and head to port; galley and dinette starboard and vberth forward.
ACCOMMODATIONS:	May sleep six (6) owners and guests
BULKHEADS	
Interior	
Quantity:	There are ten (10) partial bulkheads.
Material:	Plywood
Security:	Secure where sighted
Condition:	Good condition
Exterior	
Quantity:	There are two (2) partial bulkheads.
Material:	FRP
Condition:	Good condition
INTEGRAL LINERS / PANS:	Good condition
HEADS	
Quantity:	One (1)
Toilet Type:	Manual flush by Raritan
Shower	
Type:	Telephone
Location:	Cockpit
STOWAGE:	Serviceable and adequate
DOORS AND FRAMES	
Quantity:	Four (4)
Fit:	Good
SOLES	
Material:	Teak and holly [plywood
Hatches:	Five (5)
BILGES	
Condition:	Clean with some standing water
Pumps	
Quantity:	Two (2)
Type:	Electric and manual
Locations:	Bilge and cockpit
Manufacturers:	Rule (2000) and Whale
Operational:	Rule powers up
HEADLINERS	
Material:	FRP
Condition:	Good condition

OVERHEAD HATCHES

Quantity: Four (4)
Locations and Sizes
Main cabin : Two (2) 13' x 7 1/4"
One (1) 12 1/2" x 17 1/2"
Vberth: One (1) 19 1/2" x 19 1/2"
Hatch Material: Plexiglass
Frame Material: Aluminum
Water Seals: Serviceable
Hardware: Intact
Screens: Yes
Condition: Serviceable

JOINERY

Materials: Teak and composites
Workmanship: Professional
Overall Condition: Good

OPENING PORTLIGHTS

Quantity: Eight (8)
Locations: Vberth, main cabin and quarterberth
Frame Material: Stainless steel
Water Seals: Serviceable
Hardware: Intact

UPHOLSTERY:

Good condition

MOVABLE FURNISHINGS:

Teak pedestal dining table, serviceable

LIGHTING

Type: Rosebuds and globes
Operational: Power up

GALLEY

Layout: U-shaped layout with faux-marble counters

Sink

Material: Stainless steel double
Size: 12 1/2" x 12" and 5 3/8" x 12", both 6" deep.
Condition: Serviceable

Refrigeration

Description: Icebox type in counter
Manufacturer: Adler Barbour
Location: Aft in starboard cockpit locker.
Powered by: 12 volts
Operational: Powers up

Stove

Description: Two (2) burner with oven
Manufacturer: Force 10
Gimbaled: Yes
Marine Type: Yes
Fuel Type: LPG
Condition: Serviceable

ENTERTAINMENT

Stereo / CD Player

Manufacturer: Jensen
Location: Nav station
Operational: Powers up

HEATING

Manufacturer: Force 10
Type: Bulkhead mounted
Number of Units: One (1)
Location: Main cabin bulkhead to starboard

INTERIOR HOUSEKEEPING:

She is maintained clean

SIGNS OF WATER INTRUSION

Location: None sighted

PROPULSION (auxiliary)

ENGINE

Type:	Three (3) cylinder inboard
Year:	1996
Manufacturer:	Yanmar
Fuel:	Diesel
Model:	3 GM 30 F
Serial Number:	15412
Horsepower:	27
Indicated Hours:	565.4
Engine Mounts and Beds	
Type:	Cushion mounts lagged to FRP encapsulated stringers
Condition:	Serviceable
Belts and Pulleys	
Condition:	Serviceable
Tension:	Serviceable
Alternator	
Manufacturer:	Hehr Powerline
Rating:	100 amps
Ignition Protection:	Yes
Engine Wiring	
Support:	Serviceable
Connectors:	Serviceable
Lubrication	
Level:	Full
Condition:	Clear
Filters:	Yanmar spin-on
Engine Gauges:	RPM, hours and lights
Engine Alarms	
Type:	Audible
Location:	Helm
Operational:	Not tested
Throttle Controls	
Manufacturer:	Whitlock
Condition:	Serviceable
Emergency Shut Down	
Type:	Pull
Location:	Helm

COOLING SYSTEM

Type:	Closed, fresh water
Coolant Level:	Serviceable
Hoses:	Serviceable
Clamps:	Serviceable
Seacock	
Type:	Lever, ball valve
Material:	Marelon
Operational:	Yes
Strainers	
Material:	Bronze and plexiglass
Condition:	Serviceable
Heat Exchanger	
Casting:	Appears serviceable. Engine not run during course of survey.

EXHAUST SYSTEM

Type:	Raw water, wet
Hoses:	Serviceable
Clamps:	Double, serviceable
Muffler	
Material:	Plastic, by Vetus
Mounting:	Secure
Location:	Engine compartment

TRANSMISSION

Manufacturer:	Kanzaki
Model:	KM3P
Serial Number:	24109
Gear Ratio:	2.61 : 1
Fluid Level and Condition:	Full and clear
Drive Type:	Direct
Controls	
Manufacturer:	Whitlock
Neutral Safety Switch:	Not tested

COUPLER

Corrosion:	None sighted
Safety Wired:	Yes

SHAFT LOGS

Condition:	Appears serviceable
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STUFFING BOXES

Leakage rate:	Dripless
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PROPULSION (sail)

RIG

Type: Catboat

Mast

Material: Carbon Fiber

Section: Round, tapered

Mast step

Location: Tabernacle, forward of Vberth

Partners: Serviceable

Deck Entry: Serviceable

Spreaders: None

Tangs: None

Sail track

Type: External

Slides: By Antal (Italy)

Rig was standing at time of survey and was sighted from deck level only.

Boom

Material: Carbon Fiber

Type: Wishbone

Hardware: Serviceable

Outhaul: Fixed

Topping lift: Serviceable

Running Rigging

Halyards: Serviceable

Sheets: Serviceable

Lead blocks:

Type: Both swivel mounts (6) at mast and fixed deck mounts.

Manufacturer: Harken

Condition: Serviceable

Cam cleats

Manufacturer: Spinlock (7)

Condition: Serviceable

Winches

Sheet: Lewmar 30 ST manual, port coaming (1)

Halyard: Lewmar 40 ST electric and Lewmar 30 ST manual, (1) each, on cabin trunk.

The sail was not inspected during the course of this survey. It is recommended to have a professional sailmaker inspect the sail.

STEERING SYSTEM

HELM

Location: Cockpit
Type: Manual, rod and gear, pedestal with 30" stainless steel destroyer wheel
Manufacturer: Whitlock

QUADRANT

Mounting: Serviceable
Rod terminals: Serviceable

RUDDER

Type: Spade

Vessel was not hauled for inspection of underwater machinery during the course of this survey.

RUDDER STOCK

Material: Stainless steel
Size: 1 3/4" diameter

AUTOPILOT

Manufacturer: Autohelm
Model: ST 4000
Operational: Powers up

D.C. ELECTRICAL SYSTEM

SYSTEM VOLTAGE: 12 volts

BATTERIES

Number: Three (3)
Banks: Two (2)
Location: Under cockpit sole
Secured: Yes
Acid Proof Trays: Yes
Positive Terminal Protection: Yes
Ventilation: Adequate

BATTERY SWITCHES

Type: Selector (2)
Location: Lower quarterberth bulkhead at nav station
Operational: Yes

DISTRIBUTION

DC Main: Battery switches
Number of Breakers: Fourteen (14)
Location: Panel at nav station

ROUTING: Serviceable

SUPPORT: Serviceable

MONITOR: Voltage

CONNECTORS: Serviceable

CHARGING SYSTEM

Battery Charger
Manufacturer: Guest
Rating: 30 amps
Location: Port cockpit locker
Operational: Powers up

A.C. ELECTRICAL SYSTEM

SYSTEM VOLTAGE: 120 volts

SHORE POWER INLET

Type: Push, turn, lock
Rating: 30 amps
Manufacturer: Marinco
Weather protection: Serviceable
Location: Port coaming
Condition: Good condition

SHORE POWER CORD

Rating: 30 amps
Manufacturer: Marinco
Condition: Serviceable

MAIN BREAKER PANEL

Location: Nav station
Polarity Indicator: Yes
Main Breaker Amperage: Not marked
Double or Single Pole: Double
Within 10 ft. Of Inlet: Yes
Number of Branch Breakers: Four (4)

OUTLETS

Locations: Galley, nav station, head and Vberth
Polarity check: Correct

GROUND FAULT CIRCUIT INTERRUPTERS (GFCIs)

***B1 Locations:** Galley
Test: Operational

WIRING

Routing: Serviceable
Support: Serviceable
Connectors: Marine type

MONITORS: None

MAIN FUEL SYSTEM

FUEL TANK

Manufacturer:	Label not sighted
Material:	Aluminum
Number:	One (1)
Capacity:	30 US gallons
Location:	Starboard cockpit locker
Mounting:	Chocked
Grounding:	Conductor attached

FILL PIPES

Material:	Rubber hose and stainless steel deck fitting
Location:	Starboard sidedeck
Double Clamps:	Yes
Grounding:	Conductor attached
Screw Cap	
Labeled:	Yes
*C2 Restraint:	Broken
"O" Ring:	Serviceable

VENTS

Location:	Starboard topsides
Flame Arrester:	Serviceable

FILTER

Manufacturer:	Racor
Type:	Separator

FUEL GAUGE

Location:	Helm
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APPLIANCE FUEL SYSTEM

FUEL TYPE:	Liquid Petroleum Gas
TANKS	
Location:	Locker under Helmsman's seat
Locker	
Gasketed Cover:	No
Bottom Vent:	Yes
Tank Security:	Adequate
Mechanical	
Regulators:	Two (2)
Pressure Gauges:	Two (2)
*B2 Shut offs:	Tank valves and one (1) solenoid with breaker on DC panel at nav station
*B2 Lines and Fittings:	Serviceable to stove. Line fittings outside locker in line to cabin heater.
Labels	
*B2 At Tanks:	No
At Appliance:	At stove.
Pressure Test:	Leakage not indicated.
<hr/>	
Vapor Detector	
Manufacturer:	Electro Systems
Location:	Galley
Tested:	Powers up

FRESH WATER SYSTEM

PUMPS

type:	Power and manual
Quantity:	Two (2)
Manufacturers:	Par electric and Whale manual in galley
Operational:	Electric pump powers up
Wiring:	Serviceable

STORAGE TANK

Quantity:	Two (2)
Location:	Under quarterberth and under Vberth
Material:	PVC
Combined Capacity:	80 US gallons

DECK FILLS

Locations:	Starboard foredeck and port sidedeck
Material:	Stainless steel
Labeled:	Yes
Cap Retained:	Yes
"O" Ring:	Serviceable

WATER FILTER

Type:	Element, in-line
Location:	bilge
Apparent Condition:	Clean

ACCUMULATOR TANK

Location:	At pump, in head cabinetry
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WATER HEATER

Type:	120 volt
Manufacturer:	Atwood
Capacity:	Six (6) US gallons
Location:	Port cockpit locker
Pressure Relief:	To bilge
Wiring:	Serviceable

PLUMBING

Type:	PVC
Condition:	Serviceable
Routing and Support:	Serviceable

SANITATION SYSTEM

MARINE TOILET

Type:	Manual flush
Manufacturer:	Raritan
Apparent Condition:	Serviceable

MARINE SANITATION DEVICE (MSD)

Type:	III, holding
Location:	Under port settee
Labeling if Required:	Not required
Apparent Condition;	Serviceable

DISCHARGE

*B3 Overboard:	While pump selector handle in head has been removed, macerator pump powers up and overboard discharge seacock was standing open at time of survey.
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Deck

Location:	Port sidedeck
Labeled:	Yes
Hoses and Clamps:	Serviceable

SHOWERS:

There is a hot / cold telephone type shower in aft cockpit coaming.

BASINS:

Drainage:	To water box (sump) in bilge
Pumps:	Whale gulper 220

ELECTRONICS / NAVIGATION EQUIPMENT

VHF

Manufacturer: Standard
Model: Horizon Intrepid
Operational: Powers up

RADAR

Manufacturer: Autohelm
Operational: Powers up

COMPASS

Type: Binnacle mount
Manufacturer: Ritchie
Condition: Serviceable

GPS

Manufacturer: Autohelm
Model: Navdata
Operational: Powers up

SPEED / DISTANCE / DEPTH

Manufacturer: Autohelm
Model: Tridata
Operational: Powers up

ANEMOMETER / WIND DIRECTION

Manufacturer: Autohelm
Type: True and apparent wind
Operational: Powers up

WIND DIRECTION INDICATOR

Manufacturer: Davis
Model: Windex, on masthead
Condition: Appears serviceable

SHIP'S CLOCK

Manufacturer: Chelsea
Model: Ship's Bell
Operational: Yes

BAROMETER

Manufacturer: Chelsea
Condition: Good

BINOCULARS

Manufacturer: Fujinon 7 X 50
Model: MEIBO
Serial No: 48A2
Condition: Serviceable

AUTOPILOT

Manufacturer: Autohelm
Model: ST 4000
Operational: Powers up

GROUND TACKLE

ANCHOR

Type:	CQR
Size:	35 lbs.
Location:	Anchor platform

ANCHOR RODE

Line:	1/2" diameter twisted nylon, approximately 150'
Chain:	7/16" diameter, approximately 20'
Shackles safety wired:	Yes
Bitter End Secured:	Yes

WINDLASS

Type:	Electric / manual
Manufacturer:	Lewmar
Controls	
Location:	Foredeck, foot type
Operational:	Powers up
Chain Compatible with Wildcat:	Yes
Chain Locks:	No

ANCHOR ROLLERS

Material:	Aluminum
Condition:	Serviceable
Mounting:	Stainless steel brackets in anchor platform.

DOCK LINES

Size and Type:	5/8" braided nylon
Condition:	Serviceable

SAFETY / FEDERAL AND USCG REQUIREMENTS

NAVIGATION LIGHTS (33USC2020)

Side lights	
Port:	Powers up
Starboard:	Powers up
Location:	Bow pulpit rails
Stern light:	Powers up
Location:	Aft pulpit rail
Steaming light:	Powers up
Location:	Masthead
All-around:	Powers up
Location:	Masthead

SOUND PRODUCING DEVICE (33USC2030)

Type:	Aerosol
*A3 Operational:	No

VISUAL DISTRESS SIGNALS (33CFR175.110)

*A3 Location:	Not sighted
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HANDHELD FIRE EXTINGUISHERS (46CFR25.30)

Manufacturer:	Full Security and Badger
Classification:	BC size I
Quantity:	Two (2)
Condition:	Charged
Locations:	Nav station and starboard cockpit locker

PERSONAL FLOTATION DEVICES (46CFR25.5)

Type:	II and III In compliance only when worn
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THROWABLE FLOTATION DEVICES (46CFR25.5)

Type:	Lifesling
Quantity:	One (1)
Condition:	Serviceable
Location:	Starboard aft rail
Accessibility:	Good

*A4~~s~~,

OIL DISCHARGE PLACARD:	Not sighted
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*A4~~s~~,

GARBAGE HANDLING PLACARD:	Not sighted
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GAS FUME DETECTOR:

Sensor location:	Bilge
Operational:	Powers up

CARBON MONOXIDE DETECTORS:

*A5 Locations:	Not sighted
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FINDINGS AND RECOMMENDATIONS

A. SAFETY AND REGULATORY RELATED ITEMS

A1 page 4

Finding: The vessel does not carry State registration paperwork. USCG Documentation papers aboard expired in August of 2002.

Recommendation: Either register the vessel with the State of use or upgrade USCG Documentation to current status, or both.

A2 page 25

Finding: Neither an operative Sound Producing Device nor Visual Distress Signals were sighted on board.

Recommendation: Install and maintain on board all USCG required safety equipment.

A3 page 25

Finding: Neither an Oil Discharge placard nor a Garbage Handling placard were sighted on board.

Recommendation: Install and maintain on board USCG required placards.

A4 page 25

Finding: Carbon Monoxide (CO) detection equipment was not sighted on board.

Recommendation: Install CO detection equipment on board per manufacturer's specifications, and maintain operable.

B. ITEMS REQUIRING TIMELY ATTENTION

B1 page 17

Finding: The AC outlet in the head is neither a Ground Fault Circuit Interrupter (GFCI) nor GFCI protected.

Recommendation: Install a GFCI in head outlet

B2 page 19

Finding: The LPG cabin heater is not equipped with a fuel shut off solenoid. The fuel line for the cabin heater is not continuous, but employs numerous fittings both at the appliance and in the starboard cockpit locker.

LPG warning placards were not sighted either at the appliances or at the tank locker.

The LPG locker is not gasketed.

Recommendation: That the vessel's LPG system be brought into compliance with ABYC A1 (Marine Liquefied Petroleum Gas Systems.)

B3 page 21

Finding: The vessel's overboard discharge system is rendered inactive only by the removal of pump selector handle in head. Discharge seacock is open and operable.

Recommendation: Close and cap discharge seacock to prevent USCG inspectors issuing sanitation violation.

C. OTHER SURVEYOR'S NOTES

C1 page 5 The vessel was surveyed in the water only and not hauled for inspection of wetted surfaces, underwater machinery or fittings or topsides.

C2 page 18 The fuel fill screw cap's restrain chain is broken.

SUMMARY

The vessel, **Whisker**, a 1996 Nonsuch 234, was surveyed for Condition and Valuation on July 16, 2003. She lay in her slip at Duncan Bay Yacht Club in Cheboygan, Michigan. Whisker represents the last model year of production of this Mark Ellis design by Hinterhoeller Yachts. She is built on balsa cored hull and decks and equipped with the now famous Nonsuch catboat rig and wishbone boom.

Whisker is designed for comfort and ease of handling both above and below decks and exhibits a history of responsible use and professional maintenance.

The Condition and Valuation Statements below are based on those portions of the vessel available to the Surveyor during the course of the survey.

STATEMENT OF CONDITION

As the result of inspections and investigations culminating in this report, it is the opinion of the undersigned that:

The Vessel's Overall Condition is: Above Average

STATEMENT OF VALUATION

As the result of inspections and investigations culminating in this report, input from various used vessel pricing guides, pricing of comparable vessels available on the market and adjustments for the subject vessel's condition, equipage and location, it is the opinion of the undersigned that:

The Vessel's Fair Market Value is: \$115,000.00 USD

The Vessel's Approximate Replacement Value is: \$170,000.00 USD

Ronald E. Postma SA
Marine Surveyor

Date

STANDARDS MARINE CERTIFIES

That the undersigned did personally perform the survey of the vessel subject to this report.

That statements of fact contained herein are believed true and accurate.

That opinions expressed herein are the considered professional opinions of the undersigned.

That the undersigned neither has nor anticipates any interest in the subject vessel.

That statements herein have not been influenced by the interests, monetary or otherwise, of the client or other parties involved, or by any event or transaction which this report may influence.

That this report is submitted without prejudice.

Ronald E. Postma SA
Marine Surveyor

Date