

"ANDROMEDA"
DOC #561000

FILE NO.: 21011

DATE: 1/23/01

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REPORT OF SURVEY**MAINTENANCE (CONT.):**

- Panels below the dinette side windows and overhead port light are water damaged - renew panels.
- The starboard speaker is inoperative in the salon - repair.
- The stereo controls are marginal on the salon stereo - repair and prove.
- Two valance light bulbs are inoperative in the salon - renew bulbs.
- The medicine chest light is missing its lens in the amidships head - renew lens.
- The shower stall entry door binds at the bottom in the amidships head - trim to fit.
- The amidships shower stall cabinet door latch is misaligned - adjust.
- Some portlight frames have minor cracks in the master stateroom - repair or renew if necessary.
- The intercom is inoperative in the master stateroom - repair.
- The entry door does not latch in the master stateroom - repair.
- The port strut mount bolts have surface corrosion on them beneath the master stateroom sole - monitor.
- The entry door rollers are misadjusted in the master head - repair.
- The sink drain will not stay closed in the master head - repair.
- The right hand upper cabinet has a broken latch in the master head - renew latch.
- The spokes are slightly loose in the helm wheel hub in the wheelhouse - tighten.
- The sum log is inoperative in the wheelhouse (no paddle wheel) - repair.
- The overhead light lens is broken in the wheelhouse - renew lens.
- One step pad tread is adrift on the wheelhouse latter to the flybridge - reattach.
- The port wing door binds on the door open stop - trim to fit.
- The aft deck table base is starting to deteriorate - repair.
- Both speakers are inoperative on the aft deck - repair.
- The transom door hinge screws are coming out on the aft deck - repair.
- There is no water flow at the washdown spigot on the foredeck - repair.
- Storage covers are delaminating beneath the deck forward seat - repair.
- The mast coating is deteriorated - prep and re-varnish.
- The starboard overhead light is inoperative on the side deck - repair.
- The decks are delaminating forward just below the port aft side window - repair.
- One adjustment knob is missing from the flybridge depth indicator - renew know.
- The speakers are inoperative on the flybridge - repair.
- Some antenna's surfaces are deteriorated on the flybridge - repair.
- A few scratches were found on the flybridge windshield - repair.

CONTACT CAPT. GEOFF MILLWARD

(954) 522-6708

PAGE. (954) 209-5616

04/09/99

ANDROMEDA

Type:	Motor Yacht	Builder:	Matthews
Year:	Mdl-1974, Mfg-1974	Hull:	Mtl: Fiberglass
LOA:	56' / 17.1 m	Model:	Voyager
LOD:	56' / 17.1 m	Top:	Flybridge
LWL:		Naval Arch:	
Beam:	16' / 4.9 m	Engines:	2 x 435 HP diesels
Min Draft:	4'6" / 1.4 m		1974 General Motors 8V71TI
Max Draft:		Range:	
Disp:	66000 lbs / 29938 kg	Max Speed:	
Fuel:	704 g / 2666 l	Cruise Speed:	16 K @ 2000 rpm
Water:	250 g / 947 l	Accom-Gsts:	3 cabins, 8 berths total
Flag:		Crew-Accom:	

ACCOMMODATIONS & LAYOUT: Sleeps 6 owners and guests in 3 staterooms, plus 2 settee berths for a total of 8 berths. There are 3 owner and guest staterooms including 3 guest heads.

Main Salon, Amidship: Highlights: Stereo system.

The saloon is panelled in walnut with a white overhead. There are 2' deep cabinets with sliding doors below the windows, running the entire length, port and starboard. One cabinet houses the stereo equipment, there are speakers throughout the boat and the flybridge. There are two white wicker chairs with blue cushions, a light blue/beige print sofa, and carpeting is light blue.

Forward and down three steps is the galley which is well equipped and has good storage. Opposite to port is a U-shaped dinette which seats six, and a swivel seat is underneath.

Up three steps from the saloon are the Aft Deck and wheelhouse. The aft deck includes a large custom built bar with icemaker and refrigerator. It is fully enclosed with Lexan wing doors, sliding glass windows at each side, and clear flex drop curtains across the stern. The Flybridge has one helm seat and a U-shaped seating area.

Guest Stateroom, Forward Amidship: Highlights: (2) V-berths.

This guest stateroom is forward with twin V-berths and storage under each berth, full head with shower, bureau with locker and two hanging lockers and drawers.

Continued on Page 2

Specifications are provided for informational purposes only. Data was obtained from sources believed reliable but is not guaranteed by owner or brokers. Buyer assumes responsibility to verify all speeds, capacities, consumptions and other measurements contained herein and otherwise provided and agrees to instruct his agent/s to confirm such details prior to purchase. Vessel subject to prior sale, price and inventory changes and withdrawal from market without notice. Copyright BUC Int'l. 1985-1999

Net Price \$ 225,000

Guest Stateroom, Aft Port: Highlights: (2) single berths.

This guest stateroom has twin berths also decorated in off white with blue trim. There is a hanging locker, four drawer bureau, drawers and storage under outboard berth. Across the passageway to starboard is a full head with stall shower.

Master Stateroom, Aft:

Master stateroom has a light and airy interior decorated in off white colors. Ten drawer storage cabinet with large mirror between twin berths. Overhead hatch, smoke detector.

GALLEY & LAUNDRY:**Galley, Forward:**

Dishwasher

Refrigerator

480 gal/day Jay North custom watermaker

Water heater

Freezer

Modern Maid 4 burner with oven stove

Fresh water system

Galley is down and is equipped with Marvel ice maker, garbage disposal, Nutone food center, Groco Paragon water pressure pump 110v with Par 12v backup, large purifier, Astro Pur silver carbonate water purifier, also ultra violet for watermaker.

Laundry, Forward Starboard: Highlights: Clothes dryer; clothes washer.

ELECTRONICS & NAVIGATION EQUIPMENT:

Benmar auto pilot w/ remote to bridge

Decca 101 radar

Icom 120 VHF radio

(2) 6 in compasses

Datamarine Sandpiper DI depth sounder

Furuno 208a weatherfax

4 touch phones, 1/w message lite

Northstar 800 Autotracking Ioran

Icom 700 SSB radio

Horizon VHF radio

Datamarine Sandpiper Iii depth sounder

(2) VDO speed and distance logs

Wind speed indicator;Hailer/Intercom

Two rudder position indicators.

ELECTRICAL SYSTEM:

AC electrical system

(2) battery banks w/parallel switch

Battery charger

DC electrical system

Onan generator

DECK & HULL:

Fiberglass deck

Electric,dinghy davit

Swim ladder

Life ring

Anchor davit

(4) Danforth anchors

Avon 8 person raft

Life jacket

Swim platform

Bow pulpit

Freshwater wash down system
 Ideal Electric windlass
 Coast Guard safety package
 Docking light

Acr class B EPIRB
 Windshield washer and wiper
 Aft-deck cover
 Navigation light

MECHANICAL & ENGINE EQUIPMENT:

Reverse cycle air conditioner
 Oil transfer system
 Raw water sea strainer
 Morse hydraulic wheel steering
 Boat Leveler trim tabs
 Emergency engine stop
 Fuel shut-off valve

Fire control system
 (2) propellers
 Stub shaft
 Engine synchronizers
 (2) bilge blowers
 Fuel filter

Stabilizers are in fixed position but are currently disconnected.

OTHER FEATURES:

"Andromeda" has Awlgrip and Sterling paint in very good condition. New storage drawer, platform, battery box and shelves in the engine room. Pettit Unipoxy bottom paint. Benjamin Moore Impervo high gloss on salon chairs, aft deck hi-lo table and stools. Six step Tide Ride boarding ladder.

REMARKS:

"Andromeda" represents an opportunity to own a classic flush deck motor yacht in pristine condition. Matthews is known for building high quality fiberglass motor yachts. Very appealing classic Berger style yacht with the advantages of a fiberglass hull and beautiful woodwork interior. The interior is decorated with light colored fabrics.

EXCLUSIONS:

Shell lamp in dinette, tide clock, TV in master stateroom, dinghy and gear, clocks, barometer, anometer, temperature and humidity gauge. Personal belongings.

PRICE MARINE SERVICES, INC.

ACCREDITED YACHT SURVEYORS
9418 S.E. SHARON STREET
HOBE SOUND, FLORIDA 33455-6833
(561) 546-0928.

SURVEY REPORT:

FILE NO. 21011
TO: _____ DATE: January 24, 2001
VESSEL'S NAME: "ANDROMEDA"

GENERAL

Reg. DOC #561000 Hull No. MAT551760674 Type: 56' Flybridge Motor Yacht
Hailing Port: Ft. Walton Beach, FL Registered Port: Ft. Walton Beach, FL
Owner: estate of Lyn Caldwell Noble Address: 801 Seabreeze Blvd., Ft. Lauderdale, FL 33316
Survey made at: River Bend Marina, Ft. Lauderdale, FL
L.O.A.: 56' L.W.L. 48'7" Beam: 16' Draft: 4'6" Depth: 8.9'
Gross Ton: 53 Net: 42 Ballast: none
Designer: unknown Builder: Matthews
Year Built: 1974 Rebuilt: not reported Main Gener. 7226.9
Engine Hours, Port: no meter Starboard: 271.9 + 1318 as on meter plus notation
Market Value: approx. \$250,000 as equipped Replacement Value: approx. \$1,300,000 as equipped
Vessel to be used for: recreation Navigational Limits: inland, coastwise, & islands
Vessel's Berth: River Bend Marina, Ft. Lauderdale, FL Laid up: no
Master n/a Experience n/a License n/a

HULL

Topsides: molded fiberglass Condition: sound
Bottom: molded fiberglass Condition: sound with many large blisters
Stem: curved Stern: rounded Frames: partitions, bulkheads, & stringers
Floor Timbers: fiberglass Fastenings: fiberglass tabbing
Deck Beams: partitions and bulkheads
Decks: molded fiberglass with core Condition: mostly sound
Keel: molded fiberglass Skeg: none
Interior: vinyl overhead, wood and papered panels, and carpeted sole
Bulkheads 4 partial Bilge Condition fuel skim Ventilation adequate

SUPERSTRUCTURE

Design: molded fiberglass deck house and flybridge with three staterooms and three heads
Mast: wood with spreader & navigation light
Tower: -

FITTINGS AND EQUIPMENT

Deck Hardware: stainless steel
 Steering Gear: Hynautic hydraulic, 2 stations
 Ground Tackle: Danforth 35H anchor, 100' chain & 100' line & 3 spars (Listed in "Decks" section)
 Anchor Windlass: Ideal with vertical capstan & gypsy Dinghy Davit: custom with winch
 Outriggers: ~
 Small Boats: ~
 Outboard Motor: ~ Value: ~
 Air Conditioning: Cruisair, 4 units
 Canvas Covers: deck boxes, flybridge helm, aft deck curtains
 Canvas Condition: fair

ELECTRONICS AND SAFETY EQUIPMENT

G.P.S. ~
 Radio Phone: ICOM IC-M700 SSB, ICOM IC-M120 VHF and Standard Horizon VHF
 Auto Pilot: Benmar with 2 controls Loran: Northstar 800
 Radar: Decca Mk3, 24 mile Depth Finder: Datamarine Sandpiper DL
 Other Electronics: VDO Sumlog, Danforth IC 312 Mark 5 intercom/bailer, Datamarine Sandpiper III depth
 TV: ~ Stereo: Sherwood S-7450 CP
 Compass: Ritchie, 2
 Bell: yes Horn: air Clock: Salem Barometer: Seth Thomas
 Running Lights: international Anchor Light: electric
 Searchlight: Rayline remote Life Raft: AVON 8 person
 Life Jackets: 12 Type II Life Ring: 1 - 20"
 Flares: 3 hand held, 3 aerial (current) & expired extras

GALLEY

Location: down to starboard from salon
 Type of Stove: Modern Maid 4 burner electric with oven
 Stove Lines & Regulator: none
 Stove Tank Location: ~
 Spare Tanks: none Stove Shut offs: at burners & panel
 Insulation Stove: integral Stack: power vent
 Ventilation: adequate Hot Water: Lochinvar 30 gallon electric
 Garbage placard: yes
 Refrigeration: GE Side by Side with ice maker

ENGINES

Main Engine, Location: amidships beneath salon sole No. Type: 2 - diesel - inboard
 Make: Detroit Diesel Model: 8V71TI
 Port Engine Serial #: 8VA301388 Stbd. Engine Serial #: no #
 No. Cyls. V8 R.P.M. 2300 H.P. 435 Year: original
 When Overhauled: unknown Condition: ~
 Engine Bed: steel caps on fiberglass stringers
 Pan under Captive area Engine Cooling System: freshwater Ventilation: adequate
 Carburetor: fuel injected Blowers: 1
 Fuel Pump: mechanical Bowls: plastic Filters: Racor 1000FG, 2
 "Discharge of oil..." placard: yes
 Exhaust Line: rubber hose with stainless steel clamps Cooled: raw water
 Exhaust Silencer: fiberglass water collector type
 Engine Generator: 12 volt alternators Controls: Morse cable, 2 stations
 Shaft Logs, Type: flexible Bearings: bronze Stuff. Box: flax
 Propeller(s): 28" x 30" 4 blade bronze, right & left Spare: 28" x 30" 4 blade bronze, r & l
 Propeller Shaft(s): 2" stainless steel Stub Shaft(s): 2" stainless steel
 Struts: one single & one double leg each side Bearings: cutlass
 Propeller Protection: none Rudder: spade, 2
 Bilge Pumps: 4 Rule 2000 automatic
 Air Compressor: ~ Safety Valve: ~

REDUCTION GEAR

Make: Allison
 Ratio: 2:1
 Model #: M20-L & M20-R
 Port Serial #: 0910057752
 Stbd. Serial #: 5868

TRIAL RUN DATA

PORT ENGINE

AS ON HELM GAUGES

STARBOARD ENGINE

	Revs.	Water Temp.	Drive Oil	Oil Press.	Volts/ Amps.
Slow					
Cruise	NOT CONDUCTED				
Full					

	Revs.	Water Temp.	Drive Oil	Oil Press.	Volts/ Amps.
Slow					
Cruise	NOT CONDUCTED				
Full					

Approximate Speed. ~

ELECTRICAL SYSTEM

Auxiliary Generator: Onan in sound shield Location: forward in engine room
 Ventilation: adequate Model: 15.0 MDJF Serial No.: 0974859739
 Kilowatts: 15.0 Voltage: 120/240 No. Cylinders: 4 R.P.M.: 1800
 Cooled: freshwater Exhaust Line: rubber hose with stainless steel clamps
 Cooled: raw water Induction Type: fuel injected
 Flame Arrestor: n/a Fuel Pump: electric Filter: Racor 500EG Bowls plastic
 Battery Charger: Sentry G-140-3NL, Ser. #: B875019
 Storage Batteries: 2 - 8D 12 volt each
 Lighting: 12 volt DC and 120 volt AC
 Battery Installation: in box with cover, starboard side forward in engine room
 Wiring: Type 1 stranded copper Condition: serviceable
 Switchboard: yes Fused: yes Circuit Brkr: yes Lightning Arrestors: yes
 Antennas: 1 Ioran, 1 SSB, 2 VHF, 1 unknown Ground: negative

FIRE FIGHTING EQUIPMENT

Portable Extinguishers: 8 dry chemical BC 1
 Date of inspection: 7/98, 1995 Built-in System: CO2 (2 - 35# cylinders)
 Location: portside in engine room Date of inspection: no tag
 Auxiliary Fire Pump System: freshwater washdown
 Location: foredeck

TANKS

Fuel: diesel No. & Capacity: 5 - 704 gallons total (estimated) Shape: rectangular
 Materials: steel plate Location: beneath aft beds (3), on center aft & beneath galley sole
 Condition: forward tank is holed Secured: yes
 Filling Lines & Vents: rubber hose & steel pipe with stainless steel clamps Secured: yes
 Would Overflow Run Inboard or Outboard? Outboard
 Valves: yes Location: aft in engine room
 Accessibility: good Fuel Lines and Connections: copper with flare connections
 Additional Fuel or Inflammable Carried? None
 Water Tanks: No. & Capacity: 2 - 276 gallons total Material: aluminum
 Location: outboard in engine room
 Shape: rectangular Condition: inaccessible (covered with insulation)
 Holding Tanks: No. & Capacity: Lectra San MSD (2) Material: plastic

U.S. GOVERNMENT RECOMMENDATIONS:

Vessel Compliance: Yes, when recommendations are met

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EQUIPMENT LIST**FORWARD STATEROOM**

Anchor rode locker forward with doors (2), line, chain, windlass, solenoids, pails, & float; V-bunks (2) with pillows & spreads; portlights (2) with screens; air conditioner vent, return, & controls; mirrors; overhead hatch with screen; intercom; speakers (2) with volume control; portable fire extinguisher (dry chemical BC 1); hanging closets (2) with air conditioner exchanger, lights, portable fire extinguisher (dry chemical BC 1), & life vests; hatch covers in sole (2); sole.

BENEATH FORWARD STATEROOM SOLE

Head discharge through hull fitting & seacock; head intake fitting & seacock; shower sump pump & strainer; Lectra San MSD; spare propellers (2).

FORWARD HEAD

Entry door with latch; Raritan Crown head & control & timer; 110 volt receptacle with GFCI; sink with hot & cold pressure water; storage above & below sink with Lectra San MSD control; power vent & switch; lights (3); mirror; portlight with screen & curtain; shower head & control; drain; shower sump pump switch; towel, toilet paper, glass & soap racks.

GALLEY

Refrigerator with freezer & ice maker; sinks with hot & cold pressure water & sprayer; lights & switches; 110 volt receptacles (2) with GFCI's; stove with oven, lights & power vent; storage beneath & above sink; portable fire extinguisher (dry chemical BC 1); Sharp Carousel II microwave/convection oven; intercom; "Discharge of trash..." plaque; portlight with curtain & screen; stairs to salon with AC electrical panels; water maker control & gauges (not tested); Modern Maid dishwasher; sole; NuTone Food Center with mixing bowls (2); storage beneath sole.

DINETTE

Table with seats with storage & drawers beneath; stool; lights & switch; mirror; portlight with curtains & screen; 110 volt receptacle; portable fire extinguisher (dry chemical BC 1); decor; panels.

BENEATH DINETTE SOLE

Fuel tank for generator only (122 gallon); bilge pump (Rule 2000) & float switch; bilge.

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EQUIPMENT LIST

FORWARD STATEROOM

Anchor rode locker forward with doors (2), line, chain, windlass, solenoids, pails, & float; V-bunks (2) with pillows & spreads; portlights (2) with screens; air conditioner vent, return, & controls; mirrors; overhead hatch with screen; intercom; speakers (2) with volume control; portable fire extinguisher (dry chemical BC 1); hanging closets (2) with air conditioner exchanger, lights, portable fire extinguisher (dry chemical BC 1), & life vests; hatch covers in sole (2); sole.

BENEATH FORWARD STATEROOM SOLE

Head discharge through hull fitting & seacock; head intake fitting & seacock; shower sump pump & strainer; Lectra San MSD; spare propellers (2).

FORWARD HEAD

Entry door with latch; Raritan Crown head & control & timer; 110 volt receptacle with GFCI; sink with hot & cold pressure water; storage above & below sink with Lectra San MSD control; power vent & switch; lights (3); mirror; portlight with screen & curtain; shower head & control; drain; shower sump pump switch; towel, toilet paper, glass & soap racks.

GALLEY NEW SUB FLOOR - NEW VINYL FLOOR

Refrigerator with freezer & ice maker; sinks with hot & cold pressure water & sprayer; lights & switches; 110 volt receptacles (2) with GFCI's; stove with oven, lights & power vent; storage beneath & above sink; portable fire extinguisher (dry chemical BC 1); Sharp Carousel II microwave/convection oven; intercom; "Discharge of trash..." plaque; portlight with curtain & screen; stairs to salon with AC electrical panels; water maker control & gauges (not tested); Modern Maid dishwasher; sole; NuTone Food Center with mixing bowls (2); storage beneath sole.

DINETTE

Table with seats with storage & drawers beneath; stool; lights & switch; mirror; portlight with curtains & screen; 110 volt receptacle; portable fire extinguisher (dry chemical BC 1); decor; panels.

BENEATH DINETTE SOLE

Fuel tank for generator only (122 gallon); bilge pump (Rule 2000) & float switch; bilge.

Rebuilt Altern on port engine

peris 2 heads Shower

ELECTRA SAN

Sump drain pump

INSTALLED ~~ARITAN~~ RARITAN 55 GAL HOLDING TANK -
RARITAN ~~TYPE III~~ ^{TYPE III} TREATMENT DEVICE

drain's show

GEB REFRIGERATOR/FREEZER - NEW DISHWASHER

NEW 135 GAL ALUM FUEL TANK → (+4) → fuel tank

sinks drain by gravity overb.

NEW BATTERIES - 4 6VOLT GOLF CART BATTs
FIRSTMATE NAVIGATION SOFTWARE + CARTS
40 AMP EANTREX BATTERY CHARGER

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EQUIPMENT LIST**SALON**

Storage cabinets with boat literature; Furuno DFAX weather fax; windows with curtains, valance & screens; 110 volt receptacles (3); speakers (2); settee (converts to bed); chairs (2); coffee table; lamp; Sherwood S-7450CP stereo; Realistic SCP-31 cassette player (not tested); speaker control switches; air conditioner controls, vents & returns (2 each); air conditioner unit to starboard; port side storage; engine room hatch covers; carpet; table (folding); lights & switches; steps to wheelhouse; steps to aft staterooms; clock; aft storage cabinet with portable fire extinguisher (dry chemical BC 1) & miscellaneous.

AFT COMPANIONWAY

Steps (lift for engine room entry); cabinet with Frigidaire clothes washer & dryer; light; entry doors; sole.

BENEATH AFT COMPANIONWAY SOLE

Starboard shaft log with water feed & pillow block; raw water pick up for amidships head; bilge; fuel tank (mostly inaccessible).

AMIDSHIPS STATEROOM

Beds (2) with drawers, storage & ballast (lead) beneath outboard bed; fuel tank beneath inboard bed (153.5 gallon); speakers (2) with volume control; portlights (2) with screens & curtains; 110 volt receptacle; closet with light & life vests; air conditioner vent, & return; lights overhead (2); reading lights (2); mirror; entry door with latch.

BENEATH SOLE

Shaft log with water feed & pillow block.

AMIDSHIPS HEAD

Entry door with latch; Raritan Crown head & control; medicine chest; 110 volt receptacle with GFCI; sink with hot & cold pressure water; storage above & below sink; lights (2); mirror; shower stall with light, door, shower head & control, storage cabinet, drain & pump switch; towel, toilet paper, glass & soap racks.

MASTER STATEROOM

Beds (2) with fuel tanks & exhaust beneath (130.5 gallons each); storage, port and starboard; closet with light, air conditioner exchanger, life vests & portable fire extinguisher (dry chemical BC 1); port lights with screens & curtains (4); mirror; 110 volt receptacles (2); speakers (2) with volume control; drawers; phone jack (not tested); air conditioner controls, vent & return; intercom; overhead hatch; decor; entry door with latch.

AFT OF MASTER STATEROOM

Rudder logs, stuffing boxes, posts & arms (2 each); steering actuating cylinder; auto pilot components; trim tab reservoir & pump; bilge pump (Rule 2000) & float switch.

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EQUIPMENT LIST

BENEATH MASTER STATEROOM SOLE

Strut mount bolts.

MASTER HEAD

Raritan Crown head & control; entry door (slider); sink with hot & cold pressure water; storage below and above sink with mirror; port light with screen & curtain; 110 volt receptacle; lights & switches; shower stall (shared with amidships head) with door, light, drain, shower controls, & storage cabinet.

WHEELHOUSE

Helm wheel; engine controls; engine control lever (wheelhouse/flybridge); gauges (accuracy not confirmed); compass; switches, portable fire extinguisher (dry chemical BC 1); electronics: hailer, Loran, SSB radio (not tested - reportedly it needs an antenna), radar, depth indicator, sum/log, VHF radio, auto pilot; helm seat with drawers & storage beneath; flare gun kits; engine room fire extinguisher release (not tested); Wilcox Seabrace roll stabilizer controls; rudder angle indicator; engine synchronizer gauge; trim tab controls; barometer, clock, tide clock, anemometer, thermometer; windshields (3) (center section opens electrically); main electrical panel; chart table with cover with Navigation Rules handbook; light; chart light; ladder & hatch to flybridge.

AFT DECK

Ice maker; wet bar with bottle & glass storage, drawers & refrigerator; wing doors, port and starboard; chairs (2); settee aft with storage beneath (spare parts beneath); settee to starboard; table (Hi-Lo) with stools (4); 110 volt receptacles (2); deck chairs (2); end tables/lamps (2); cleats (2); chocks (2); deck drains (2); speakers (2); lights (3); carpet; life ring; glass enclosure, port and starboard; isinglass enclosure aft; weather boards; transom gate & door.

DECKS

Pulpit with anchor, chain, deck pipe & cleats (2); windlass with 2 foot switches; bow rails with life line; spare anchors on chocks (3), (Danforth 60H, 6' chain & 150' line, Danforth 35H (2)); deck pipe with cover; deck boxes with shore cord adaptors (3), supplies & line; washdown spigot; hatch cover with canvas; seat forward with storage beneath (docking lines inside); top of salon with mast with navigation light on top and cut out for engine removal; amidships cleats (4); shore cord/TV/phone/water connections, port and starboard; boarding gates, port and starboard; superstructure with windshield with wipers & washers, side windows, bell & navigation side lights; overhead lights, port and starboard; diesel fill deck fittings (2); water fill deck fittings (2); waste deck fittings (4); decks; deck drains; boat hook.

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EQUIPMENT LIST**FLYBRIDGE**

Entry hatch cover & latch; helm wheel; gauges (accuracy not confirmed); switches; helm chair; engine controls; compass; electronics: depth indicator, auto pilot control, VHF radio; spot light control; trim tab control; rudder angle indicator; 110 volt receptacle with cover & GFCI; U-shaped seats, aft with storage beneath & cushions; speakers (2) with volume control; antennas on sides; horns; portable fire extinguisher (dry chemical BC 1); windshield; beneath helm: wiring & spare parts, steering hydraulic fluid reservoir; life raft: AVON 8 person in canister with hydrostatic release; davit with electric winch; sole; stern light; boat deck surface; forward brow with radar array, hailer speaker, spot light, antennas.

ENGINE ROOM

Engines with transmissions & gauges (gauge accuracy not confirmed); main engine exhaust; generator in sound shield; battery switches (2); generator muffler; fuel filters (3); "Discharge of oil..." plaques (2); lights & switch; blower hose; fuel fill hoses; water heater; 110 volt water pump; sea water desalinator (400 g.p.d.); 12 volt water pump; refrigerator breaker box, starboard forward; fuel distribution valves; through hull fittings, seacocks & strainers; battery charger; shower sump pump; air conditioner water pumps (2) with valves; air conditioner compressors (3); oil change pump & valves; deck supports (4); water tanks outboard (2) (138 gallons each); batteries (2); auto fixed fire extinguisher (CO2); dockside water pipes, check valves & pressure regulator (not tested); auto pilot pump; parallel solenoid & battery connections at terminal board; 110 volt receptacles (3) with GFCI's; DOC # placard; water pressure tank; roll stabilizer components; spare propeller shaft; bilge pumps (Rule 2000) & float switches (2 each); Lectra San MSD with hoses & discharge through hull fitting & seacock; bilge; Honeywell DC to AC generator.

BOTTOM

Through hull fittings, some with strainers; propellers (2); rudders (2) with zincs; trim tabs; roll stabilizer fins, port and starboard; struts (4) with cutlass bearings; surface; keel; shafts (4) with zincs & muffler couplers; transducers (4); paddle wheel.

TOPSIDES

Pulpit; port lights; vents; surface; discharge ports; rub rails; exhaust port.

TRANSOM

Swim platform & ladders; name & hailing port; portlights (2); hull identification numbers; trim tabs (1 cylinder each); exhaust ports (2).

"ANDROMEDA"
DOC #561000

FILE NO.: 21011

DATE: 1/23/01

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REPORT OF SURVEY

The above captioned vessel was surveyed on January 23, 2001 while in it's berth at River Bend Marina, Ft. Lauderdale, Florida and while in dry dock at the same location for the purpose of assessing hull condition and marine risk.

A trial run was not performed as per buyer. A diesel engineer was not on board the vessel during the survey to examine the engines, transmissions and generator. Therefore, no comments concerning the condition of the engines, transmissions, and generator will be stated nor should they be assumed in this report. There was some smoking from the starboard exhaust at cold start up for about 4 minutes. All electronics, equipment, and appliances on board this vessel were tested at the time of the survey and found to be in operating order unless stated otherwise in this survey. Any electronics, equipment, or appliances in need of servicing will be noted under the heading in which they are located in the recommendations section of this survey. If a detailed accuracy of the compasses is desired, it is recommended that a qualified compass adjuster be engaged to compensate the compasses and compile deviation cards. The ship to shore radios should be bench tested annually according to F.C.C. regulations.

In dry dock, the bottom was sounded with a phenolic hammer and found to be basically sound. Many large gelcoat blisters were found on the bottom during this inspection. The propellers were checked and both were found to be true. The shaft ends were checked for straightness and found to be within specification. The cutlass bearings were found to be in good condition. The rudders are tight fitting in their logs with no excessive lateral or axial free play. All underwater gear was checked for corrosion due to galvanic action. There were no severe gouges or scratches on the bottom at the time of the survey.

The topsides were sounded with phenolic hammer and found to be basically sound.

The decks and superstructure were examined and found to be generally sound with no hard or abusive use.

The overall cosmetic exterior of the vessel was found to be in above average condition. A descriptive narrative as to the layout and specific cosmetic conditions of this vessel will not be covered in this report as it is assumed that the prospective purchaser of this vessel and/or his representative has inspected the vessel's detailed cosmetic condition and layout.

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REPORT OF SURVEY

The cosmetic appearance of the interior of the vessel is above average. All machinery was installed according to USCG, NFPA and/or ABYC standards except as noted. Ventilation throughout the vessel can be considered as good. All through hull fittings were noted to be in good condition, fitted with shut-off valves, bonded to the central bonding system, and double clamped at hose connections, except as noted.

The batteries were tested with a load tester. Both batteries showed to be in fair to poor condition on the test scale.

All wiring was inspected where accessible. All circuits are protected from overload at the main breaker panel located in the wheelhouse and the galley. The wiring was inspected throughout the vessel and was found to exhibit a generally good condition. A significant amount of wiring could not be observed due to the wiring looms, coverings, and conduits that run in areas that are inaccessible which would require dismantling and removals for their inspection. If a detailed report as to the condition and capacities of the wiring is desired, it is recommended that a qualified marine electrical engineer be engaged to ascertain the in-depth condition of the vessel's wiring and to repair any wiring deficiencies revealed.

The generator was not tested under load.

Some of the air conditioner systems were tested at the time of the survey. The unit tested functioned properly. However, an extensive inspection of the air conditioning systems, by a qualified marine air conditioning service technician, is recommended to reveal any possible latent defects in the systems.

Fuel and water tanks were inspected where accessible and all but two appear to be sound with no obvious leaks. The forward (generator) fuel tank was reported to have a leak and the starboard water tank is suspected to have a leak. All tanks were not full at the time of inspection. The tanks should be filled with their appropriate liquid, checked under full tank status, and pressure checked to attest to their condition.

The structural interior of the vessel was inspected where accessible without major removals and found to be generally sound. All partitions and bulkheads were inspected where accessible and found to show no signs of weakness due to flexing or separation of their fastenings.

The following section lists United States Coast Guard regulation requirements and other standards as published by the American Boat and Yacht Council and the National Fire Protection Association. These items are to be corrected as soon as possible.

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REPORT OF SURVEY**SAFETY AND USCG REGULATIONS:**

1. + All portable fire extinguishers onboard must be recertified and tagged, now and annually. (Refer to: NFPA 10 4-4.1)
2. + The fixed fire extinguisher in the engine room has no inspection tag and must be recertified and tagged, now and annually. (Refer to: ABYC A-4. Ap.6.3)
3. + The GFCI is inoperative in the 110 volt receptacle in the forward head - repair and prove. (Refer to: ABYC E-8.16.8)
4. + The GFCI's are inoperative in the 110 volt receptacles in the galley - repair and prove. (Refer to: ABYC E-8.16.8)
5. + There is fuel in the dinette bilge - clean.
6. + The GFCI is inoperative on the 110 volt receptacle in the amidships head - repair and prove. (Refer to: ABYC E-8.16.8)
7. + There are no GFCI's in the 110 volt receptacles in the master head and on the aft deck - install same for safety near water. (Refer to: ABYC E-8.16.8)
8. + No trash disposal plan was found on board - provide, sign, and keep aboard. (Refer to: 33 CFR 151.57)
9. + The aft anchor light section is inoperative on the mast - repair and prove. (Refer to: 33 USC 2020)
10. + The port side navigation light is inoperative on the deck superstructure - repair and prove. (Refer to: 33 USC 2020)
11. + The GFCI is inoperative on the 110 volt receptacle on the flybridge - repair and prove. (Refer to: ABYC E-8.16.8)
12. + The life raft is due for inspection - recertify and tag, now and annually.

When the above listed items as marked with a plus or double plus are complied with, this vessel would be considered, in my opinion, to be sound and in satisfactory condition for it's intended service at this time, with no warranty either specified or implied.

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REPORT OF SURVEY**RECOMMENDED REPAIRS:**

This section consists of a list of repairs that should be made to this vessel in order to keep it in good usable condition.

1. Windlass and solenoid electrical terminals are exposed in the forward stateroom anchor rode locker - install terminal covers.
2. The sole flexes excessively near the head door in the forward stateroom - reinforce sole.
3. A PVC fitting is used on the head discharge through hull fitting beneath the forward stateroom sole - renew PVC with a Marelon or bronze fitting.
4. The head intake through hull fitting is in marginal condition beneath the forward stateroom sole - renew (DONE).
5. The spare propellers are not mounted beneath the forward stateroom sole - secure so they do not move.
6. The Lectra San is inoperative in the forward head - repair and prove.
7. The portlight frame is cracked and the dogs are broken in the forward head - renew port light.
8. The portlight frame is cracked in the galley - renew portlight if necessary. (Check for leakage)
9. The dishwasher is inoperative in the galley - repair and prove.
10. The galley sole sags toward the center - repair.
11. It appears as though there is still a water leak above the dinette panels - find and repair leak.
12. There is a leak in the generator fuel tank beneath the dinette sole - renew tank.
13. The stereo and tape player are not secure in the salon - mount both firmly.
14. Water stains in the salon port side storage indicate that there are probable leaks above - check for deck fitting leaks.
15. Aft companionway sole is warped - level sole.
16. Portlight frames are cracked in the amidships stateroom and the aft portlight leaks - repair.
17. The hailer/intercom is inoperative at the wheelhouse - repair and prove.
18. There is a short in the loran antenna - repair and prove.
19. Two key pad covers are broken on the wheel house VHF radio - renew cover.
20. The Wilcox roll stabilizer system is inoperative - repair if necessary.
21. Gears sound striped on the wheelhouse windshield center opening section - repair and prove.
22. The starboard pylon (upper deck support) at the wheelhouse wing door is badly cracked - repair.
23. The transom gate pivot pin is missing on the aft deck - install correct pin and secure.
24. The windlass "UP" switch is inoperative on deck - repair or renew.
25. The windlass stalls and does not rotate - repair or rebuild.

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REPORT OF SURVEY

RECOMMENDED REPAIRS (CONT.):

26. Helm wheel pump feels in poor condition on the flybridge - rebuild.
27. Some switches are inoperative on the flybridge - repair and prove.
28. The helm chair seat bottom backing (plywood) is rotten on the flybridge - renew.
29. Unable to shift gears at the flybridge engine controls - repair and prove (check cables).
30. There is air in the compass globe on the flybridge - repair.
31. The spot light control is inoperative on the flybridge - repair or renew controls.
32. The SSB radio antenna lead is missing on the flybridge - renew and test radio.
33. The life raft hydrostatic release is expired - renew.
34. Some areas of the flybridge sole have fiberglass surface laminate cracking and separating from the core - check core condition and repair delamination and cracks to prevent further problems.
35. On the boat deck (aft of flybridge), a soft spot was found just aft and to port of the life raft and a few other areas - repair all soft spots.
36. The loran antenna coupler is cracked on the flybridge - renew and test loran.
37. The port side of the flybridge forward brow surface is soft - repair (check coring).
38. The main engine exhaust surge tubes, port and starboard, appear to leak in the engine room at the bottom - repair or renew.
39. The main engine exhaust risers are weeping at the drain fittings - repair.
40. The starboard main engine exhaust hose connections have 2 clamps missing in the engine room - renew clamps.
41. The junction box at the generator is not mounted in the engine room - secure junction box.
42. There are water stains on the exterior of the generator muffler in the engine room and the muffler is not mounted - renew muffler and secure.
43. Port forward fuel fill deck fitting may leak water, in the engine room (water stains on pipe) - check deck fitting seal.
44. The 110 volt water pump pressure switch malfunctions in the engine room - renew switch and adjust.
45. The 12 volt water pump in the engine room ran but did not pump water - repair and prove.
46. The refrigerator breaker box starboard forward in the engine room is not well mounted - secure.
47. The main engine seacocks are frozen in the engine room - free up and service.
48. The air conditioner water intake seacock has no handle in the engine room - install handle and test seacock.
49. The aft air conditioner water pump is disconnected electrically in the engine room - connect and prove.
50. Both battery banks are weak in the engine room - renew batteries.
51. All battery cable terminals are exposed near the batteries in the engine room - install terminal covers.

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REPORT OF SURVEY**RECOMMENDED REPAIRS (CONT.):**

52. The roll stabilizer components are inoperative and locked in place in the engine room - repair if necessary.
53. There is a fuel skim in the bilge in the engine room - clean.
54. The hull bottom was inspected after being on blocks for two days and after the bottom was painted with new antifouling bottom paint. Approximately 54 (on the portside) and 90 (on the starboard side) large (1" to 4" in diameter) blisters were counted on the bottom - repair blisters (a full blister repair is recommended).
55. The starboard middle transducer fairing block is riddled with worm holes on the hull bottom - renew block.
56. Two discharge ports on the topsides starboard side and three portside aft are cracked and deteriorated - renew discharge ports (DONE).

MAINTENANCE:

NOTE: This hull condition and marine risk survey is conducted on an intensive basis with an effort to uncover as many deficiencies as possible. Many of the recommendations contained in this report will be in the realm of normal and preventive maintenance. These will not effect the structural integrity or seaworthiness of the vessel, but will serve as a guide for attaining a vessel in Bristol condition. In interpreting this survey report, it is necessary for you, as a buyer, to distinguish between the first two categories and comments concerning cosmetic or maintenance repairs (as listed in the next section). Completion of these minor repairs may make the vessel more pleasurable to view or to operate, but are not necessary to have a sound and capable yacht. These details are included for your use as a repair list to be completed at your discretion. It is this surveyors opinion that the maintenance items listed here should not be used in the bargaining process for the purchase of this vessel.

- The port porthole frame is cracked in the forward stateroom - renew if necessary.
The overhead hatch cover gasket is dried up in the forward stateroom - renew gasket.
The outboard AC light switches are missing their switch securing nuts in the forward stateroom - renew nuts.
The forward sole hatch cover is missing the pull ring in the forward stateroom - renew ring.
The area when the drain hose leads down from the shower seems to leak beneath the forward stateroom sole - reseal.
The drain stop operates with difficulty in the forward head - lube.
The sprayer is inoperative at the galley sink - repair.
The light under the galley counter is missing its lens - renew lens.
The intercom is inoperative in the galley - repair.