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Marine Surveyor

Commercial & Pleasure Craft

A-1 MARINE SURVEYING AND RESEARCH
SURVEY REPORT AND CONDITION EVALUATION

GENERAL

Requested Chicago Marine Date October 9, 2009

Address Chicago Marine Wk Phone 773

Chicago Illinois 60607 Cell Phone -

Owner Chicago Marine Hm Phone 630 561 2129

Address 600 Cardinal Drive Chicago Illinois 60610

Type of Vessel Express Cruiser L.O.A. 29'8 Beam 10'8"

State No. IL 725KA Doc. No. 1158330 Hull No. XWJ788071798

Name of Vessel Princitessa Net Ton -

Year Built 1998 Builder Aprea Mare/9 Meter

Rebuilt - By -

Use Pleasure Is Vessel Ever Let or Chartered No

Surveyed at Crowley's Yacht Yard

Address 95th Street Chicago Illinois

While Vessel Was In & out of water Home Port Chicago Illinois

Present Value \$142,000 Maximum Value -

Would Vessel Be a Good Marine Risk? Yes, See Remarks and Recommendations

Intended Area of Use Great Lakes

Design Use Pleasure

HULL DESCRIPTION

Color Green

Hull Material Fiberglass Framing Fiberglass

Deck Beams, Material Fiberglass Decking Teak over fiberglass

Keel/Ballast Full keel round stern square below waterline

General Condition of Topsides Excellent Decking Teak over fiberglass

Bilge Clean

Does Vessel Have: Fwd Cabin Yes Aft Cabin No Fly Bridge N/A

ENGINES AND ELECTRICAL SYSTEMS

Engine Make Detroit Diesel/V. M. Motori Model 694H1D10 HP 220

Engine Hours Meter Reading: Port 595 Stbd. 590

Port Model No. 694H1D10 Serial No. 62A16307

Stbd Model No. 694H1D10 Serial No. 62A16314

Location of Engine/s Port & Stbd sides station 8

Year 1998 Fuel Diesel Type Inline 6-turbo

Reduction Gear Make ZF Type Reversing "V" drives

Serial # Port 23806R Stbd # 16-26426

Exhaust Line Rubber with muffler Cooling System Closed system

Flame Arrestor Yes Flex Line at Fuel Pump OK

Shut Off Valve at Fuel Pump OK Approved Filter Bowl Yes

Ventilation of Engine Room Blowers Condition of Engine Room Bilge Clean

Are Engines Equipped with: Low Oil Pres. High Temp Alarm Gauges

Bilge Pumps: Manual 1 Electric 2

No Oil Discharge Sign Yes Engine Analysis Performed No

Auxiliary Generator Kohler Location FWD main engines

Fuel Diesel Model 5E02 Serial No. 470413 Voltage 110V AC

Watts 5 KW Flame Arrestor Yes Approved Filter Bowl Yes

Exhaust Line Good Cooling System Closed system

Storage Batteries 4 Location Engine space between engines

Cut Off Switch Yes

Wiring Good Battery Tray Approved Yes

Fuse Panel or Switchboard Switchboard Electrolysis Protection Zincs

FUEL TANKS

Fuel Diesel Number 2 Capacity Approximately 160 Gallons
 Shape Rectangle Material Stainless Condition Serviceable
 Secured By Straps Filling Lines, Vents/Connections Tight
 Are Shut-Off Valves on Tanks Yes Accessibility Good
 Would Overflow Run Overboard Yes Tanks Vented Yes
 Add'l Fuel or Inflammables Carried Aboard No Approved Containers -

WATER TANKS

Number 2 Shape To conform Capacity Approx. 60 Gallons
 Condition Good Material Stainless
 Secured By Battens & straps Number of Sanitary Tanks 1
 Condition Good Material Poly Secured by Straps

GALLEY

Location Port side station 5 Type of Stove Princess
 Fuel 110V AC Location of Tanks N/A
 Fuel Lines N/A Shut Off Valves N/A
 Is Woodwork Protected Yes Hot Water Heater Yes
 Fuel 110V AC Refrigeration & Freezer 110V AC/12V DC

NAVIGATION AND ELECTRONICS

Compass/es Ritchie 6"
 Radio Phone Raytheon/Standard Model # 210/Horizon Serial # -
 RDF No Model # - Serial # -
 Radar Autohelm Model # SL 70 Serial # -
 Auto Pilot B&G Model # - Serial # -
 Loran North Star/Furuno Model # 1850 Serial # -
 Depth Sounder B&G Model # Network Quad Serial # -
 Fume Detector N/A Model # - Serial # -
 Engine Synchronizer Tach Only Model # - Serial # -
 Navigation Lights International Clock Brass Barometer Brass
 Knot meter/Log B&G Network Quad Steering System Wheel hydraulic
 Wind Angle Indicator B&G Anemometer B&G

FIRE AND SAFETY EQUIPMENT

Built In System Halon **Location** Engine space

Date of Last Inspection Unknown

Portable Extinguisher/s 3 **Approved Type** Yes

Date of Last Inspection Unknown **Location** Main cabin & bridge

Approved Life Jackets 10 **Throwable Device** Horseshoe

Horn 12V DC **Bell** Chrome **Flare Kit** OK

Searchlight Remote **Life Raft/s** None **Lifelines** Rail

DECK EQUIPMENT

Number of Masts N/A **Rig** - **Type of Spars** -

Standing Rigging - **Running Rigging** -

Dock Lines Misc. Nylon 1" **Anchors** Plow

Anchor Lines Nylon 1" **Anchor Chains** Yes

Fenders 3 medium **Boarding Ladder** Yes

Primary Winches Anchor Windlass Only Lowfranze

Secondary Winches N/A

Haly Winches N/A **Winch Handles** N/A

Sheets N/A **Misc. Blocks** -

Spinnaker Gear N/A **Sail Cover** N/A

Dinghy None

General Condition of Sails N/A

Is Boat Used For Racing No

Canvas Cover/Canopy Cockpit & aft canvas/tan **Cradle/Trailer** Steel

Fishing Downriggers None **Fishing Outriggers** None

Is there a page attached for additional Remarks & Recommendations X yes no

Survey consists of 11 pages.

SURVEY NOT VALID AFTER 6 MONTHS

Remarks and Recommendations

1. Recertify fire extinguisher for new season.
2. Disable capability to pump waste overboard.
3. Flares will need replacement next year/expires April 2010.

Note

This survey is based on the facts presented and discovered and does not constitute a certificate of seaworthiness nor a warranty of the vessel, either implied or expressed. No structural or engineering analysis of the hull structure or any system was made. The scope of this survey is for buyers' valuation and to discover any defective conditions without destructive removals to expose concealed parts.

Extra Equipment

1. Swim platform
2. Alpine AM/FM stereo
3. TV Sharp 15" flat screen
4. Air condition with heat/Technicold (1)
5. Dripless packing
6. Racor fuel filters & separators
7. Sentry 10-amp battery charger (marine)

October 9, 2009

HULL AND DECK

Boat was surveyed in and out of the water at Crowley's Yacht Yard on 95th Street in Chicago Illinois. Weather was cloudy and 50°F with northwest winds of 6 knots. Moisture meter used was a Soviern calibrated the evening before the survey. Bottom was found to be in good serviceable condition. Decks were teak over fiberglass in good condition. Props were 4-bladed bronze in good condition. Cutlass bearings were in good condition. Hull is a full keel, flared bow deep "V" hard chine with rounded stern squared off below the waterline. Decks are teak, which acts as a nonskid. Forepeak and the engine space bulkheads provide athwartship rigidity and are in good condition. Transverse stringers are in good condition.

MECHANICAL

This Express Cruiser is powered by two inline 6-cylinder turbo charged diesel engines. V. M. Motori marine converted Detroit diesel engines with closed coolant engines. Transmissions are ZF "V" drives 2.0:1 reversing transmissions to 1 ½" stainless shafts with dripless packing installed. All fluids are at proper levels, all hoses and belts are good serviceable condition, and engine mounts are in good condition securely attached to longitudinal stringers. Engine oil should be changed at haul out period. No visible signs of motor oil or fuel leaks in the engine space bilge.

ELECTRICAL

Boat has four batteries mounted between engines. Battery boxes are approved type. Batteries replaced by owner. Wiring and panels meet A.B.Y.C. (American Boating and Yacht Council) codes. Wiring is neatly run and adequately protected by fuses and circuit breakers. Starter, alternator, and blower meet N.F.P.A. and A.B.Y.C. standards for marine use. Boat has a 10-amp marine battery charger for charging batteries dockside while the alternator can charge batteries underway. Running lights are international. Boat also has a Kohler 5KW generator set and air condition with heat.

BONDING AND GROUNDING

Boat has a #12 wire running from the engine to the forward stateroom with eligible components properly bonded. Fuel fill connections bonded to fuel tanks for safety and to meet A.B.Y.C. standards.

FUEL

Fuel is diesel in two steel tanks, baffled and secured by battens. No visible signs of a fuel leak. External sight glass does not meet U.S. A.B.Y.C. standards.

THRU HULL FITTINGS

All valves are ball valves with quick throw handles in good condition. Soft wood plugs sighted in area of valves.

DECK

Anchor is stowed on bow with 150' of BB chain. Cleats are in good condition. Life rails are in good condition. Anchor Windlass mounted on bow with a chrome Bruce anchor with approximately 150" of B.B. chain.

INTERIOR

Anchor chain is stowed in bow locker bitter end secured. Forward compartment has a "V" berth with adequate storage lockers. Upholstery is in excellent condition and the cabin sole is in excellent condition. Galley is to port with an 110V AC/12V DC refrigeration system and a two-burner stove. Boat has pressurized hot and cold water. Salon has a dinette with adequate stowage for cooking utensils, etc. Salon sleeps two in convertible bunks.

SAFETY

- A. Recertify fire extinguisher for new season.
- B. Replace missing safety items, and dated flares expire April 2010.

NOTE

A well made and found motor yacht in better than average condition. General impression is that this yacht received light use and good care. All electronics are of the highest quality with the exception of the older radar, although still operational. Interior shows good housekeeping and maintenance. Interior joiner work and finish bottom shows no visible signs of a hard grounding. Weather deck hatches are reasonably watertight-adequate scupper drainage. Nice Boat!

RESULTS IN WATER TEST & SEATRAIL

Seatrail results-Aprea Mare/9 Meter/Princitessa XWJ78807198

Port Engine

	OIL PRESSURE	TEMPERATURE	CHARGING SYSTEM
500	40 LBS	Normal	13 volts
1000	40 LBS	Normal	13 volts
2000	40 LBS	Normal	13 volts
3000	45 LBS	Normal	13 volts
3600	45 LBS	Normal	13 volts

Starboard Engine

	OIL PRESSURE	TEMPERATURE	CHARGING SYSTEM
500	40 LBS	Normal	13 volts
1000	40 LBS	Normal	13 volts
2000	40 LBS	Normal	13 volts
3000	47 LBS	Normal	13 volts
3600	48 LBS	Normal	13 volts

REMARKS AND RECOMMENDATIONS

Boat handled well in waves of 2-3 feet high. Trim tabs and all listed electronics functioned properly. Generator set operated properly under full load and the air conditioning operated in heat mode properly.