



SOCIETY OF ACCREDITED
MARINE SURVEYORS®



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Ref: WCDXXXXX

PURPOSE: Condition and Valuation

Date: 01/01/2013

YACHT NAME: None

HOME PORT: None.

Survey Certified For:

Mike Skipper
Water St.
Never Sink, NC 28111
PH: (910-231-5874

YEAR: 2002 (2003 Model year)

BUILDER: Pro Line

MODEL: 27 Walk

HULL IDENTIFICATION NUMBER (HIN): PLCWMXXXXXX

STATE REGISTRATION NUMBER: NC XXXX AA

LOA:	BEAM:	DRAFT:	DEPTH:	DISPLACEMENT:
27'0"	9'10"	1'9"	NA'	5,900 lbs. Dry

This survey was conducted at Ocean Isle Beach, NC while the vessel was in the water, with sea trial, and hauled out with the owner present.

This vessel is registered for Recreation.

MARKET VALUE: \$43,000.00

SCOPE OF SURVEY:

This survey is a visual inspection of the vessel its structure, systems, and rigging. It does not cover possible latent defects which could not be readily discovered by inspection without removal of machinery, tanks, sheathing, joiner work, upholstery, bulkheads, ceiling, fascia, fiberglass or metal covering, fasteners, or other fixed material, disassembly of machinery, plumbing, wiring, or other parts, components or systems. Unless specifically stated, no test borings have been made, and no destructive or invasive testing has been performed.

GENERAL CONDITION: Good, when the recommendations are accomplished. This report should be considered as an entire document. No single section is meant to be used except as part of the whole. It is current to the named client, underwriters, or lenders for 30 days of undisturbed lay-up or the vessels first use.

WCDXXXX: Pro Line 27' Sport Fishing Outboard.

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HULL COMPOSITION AND STRUCTURE:

HULL MATERIAL: FRP (Fiber Reinforced Plastic)

FRAMES/STRINGERS: FRP Hat section.

FASTENINGS: Stainless steel.

WEATHER DECKING: Cored FRP.

INTERIOR DECKING: FRP liner.

SUPERSTRUCTURE: Cored FRP.

BULKHEADS: NA.

HATCHES: Cored FRP, Aluminum framed polycarbonate.

PROPULSION MACHINERY:

No certified or factory engine surveyor was present the day of survey.

MAKE: Yamaha

MODEL: LF200TXRB 200 HP 4 Stroke Gasoline Outboard.

SERIAL STARBOARD: 60L X 1000000

SERIAL PORT: 60M X 1000000

REPORTED HOURS OF USE: S= 100 P= 100 on meters.

Full Throttle RPM:	Port:	6100	Stbd:	6000	Speed:	42.5 MPH
Cruise RPM:	Port:	4300	Stbd:	4300		31 MPH

Engine	Compression	Compression
Cylinder	PSI Port	PSI STBD
1	150	150
3	150	150
5	145	150
2	150	150
4	155	145
6	145	145

EXHAUST SYSTEMS: Wet out propeller hub below waterline.

COOLING SYSTEMS: Raw water heat exchange.

SEA STRAINER: Screen.

GAUGES: Yamaha Digital, Tachometer and engine hours, Speed/Log, Fuel management.

ENGINE MOUNTS: Outboard mount bolted to transom in good condition.

HOSE CLAMPS: Adequate stainless steel.

HOSES: Are in good condition.

FUEL LINES: Are of approved type and in good condition.

PRIMARY FUEL FILTERS: Spin on cartridge.

OIL FILTERS: OEM spin on cartridge.

THROTTLE AND CLUTCH CONTROLS: Push/Pull cable on Yamaha Control head.

TRANSMISSION: Yamaha outboard lower unit.

GENERATOR: None.

STEERING: Teleflex SeaStar manual hydraulic.
Always test the steering before leaving the dock.

PLUMBING SYSTEMS:

FUEL SYTEMS:

TANKS: (1) Aluminum 201 Gallon reported.

Fuel tank could not be fully inspected and a pressure test to 3 PSI for 30 min. is recommended.

PLATE GAUGE: .190

PUMPS: Engine lift with primer bulb.

HOSE: Rubber.

FRESH WATER:

TANKS: (1) Plastic 30 gallons reported.

PLATE GAUGE: NA

PUMPS: ShurFlo 12 VDC.

HOSE: Vinyl

HEATER: None.

SHORE CONNECTION: Yes.

SINKS: (2)

SHOWERS: (1) cockpit.

GRAY WATER:

TANKS: (1) Plastic Sump (1) gallon approximate. **(Not tested at time of survey)**

PLATE GAUGE: NA

PUMPS: (1) Attwood, 12 VDC

HOSE: Vinyl.

REMOVAL: Overboard.

BLACK WATER:

TANKS: (1) Plastic 20 Gallons reported.

PLATE GAUGE: NA

PUMPS: Johnson macerator, 12 VDC.

HOSE: Vinyl sanitation.

REMOVAL: Overboard, Deck plate.

HEADS: (1) Jabsco electric 12 VDC.

SEA WATER:

TANKS: Live well, FRP, volume unknown.

PLATE GAUGE: NA.

PUMPS: Live well Bait Sentry 12 VDC, Wash down Johnson 12 VDC.

HOSE: Vinyl.

UNDERWATER:

HULL: Semi V, hard chine, flat transom, raked bow. The antifouling coating is in poor condition, needs new antifouling coating soon. The hull was sounded with a plastic hammer and appears to be in good condition. There were no visible blisters. Hull topsides were checked with a Wagner non contact moisture meter and found to be within normal ranges.

PROPELLERS: 3 blade stainless steel, 17-M, right hand/left hand, in good condition.

ANODES: Zinc, on transom, engine bracket, lower unit, and trim tabs.

TRIM TABS: Bennett electric/hydraulic with 19" X 11" planes.

THROUGH HULL FITTINGS: Bronze and stainless steel in good condition where visible.

SEA VALVES: Bronze Ball valve in good condition where visible. **(All need service)**

ELECTRICAL SYSTEMS:

DC SYSTEM:

VOLTAGE: 12

BATTERIES: (2) Wet cell series 27, age and condition not known.

DISTRIBUTION: panels at helm and in cabin.

CIRCUIT PROTECTION: Fuse and trip free breakers.

BATTERY DISCONNECT SWITCHES: (2) Two position.

ENGINE DRIVEN CHARGERS: OEM Alternator.

MONITORS: Volt meter on panel in cabin and Yamaha engine gauge.

AC SYSTEM:

VOLTAGE: 120, 60 Cycle

DISTRIBUTION: Panel in cabin.

CIRCUIT PROTECTION: Trip Free Breaker.

SHORE CONNECTIONS: (1) 120 volt 30 AMP.

SHORE CABLES: (1) 120 volt 15 AMP home modified extension cord. **(Replace with approved marine cord)**

INVERTER: None.

BATTERY CHARGER: Guest Charge Pro 2620

MONITORS: Volt, AMP meters, Reverse polarity warning light.

BONDING SYSTEM: Passive.

SHIPBOARD AMENITIES:

GENERAL DESCRIPTION AND CONDITION:

Vinyl overhead and hull liner, FRP liner, FRP countertops, FRP flooring, fabric cushions. General condition is good.

AIR CONDITIONER, HEATER: None.

GALLEY:

REFRIGERATION: Coolmatic Front loading 12 VDC. **(Unit did not power up at time of survey.)**

STOVE: Kenyon B23100 Butane, 1 burner. In poor condition. Open ventilation. **(Unit rusted and burner grid missing)**

OVEN: None.

MICROWAVE OVEN: None.

SINK: Single Molded FRP

CANVAS AND COVERS:

None.

MISCELLANEOUS:

FEDERAL OIL POLLUTION SIGN: Display one in the engine room. Sighted

MARPOL TRASH PLACECARD: Display one in a visible location. Sighted.

NAVIGATION RULES BOOK: For vessels over 12 meters: None sighted, not required.

LICENSES AND DOCUMENTATION/REGISTRATION CERTIFICATES: State registration expired 2005.

ELECTRONICS and NAVIGATION: units are working unless otherwise stated.

#1 VHF RADIO: Icom IC-M402.

GLOBAL POSITIONING SYSTEM: Garmin 12 VDC.

PLOTTER: Garmin 2010c, 12 VDC.

RADAR: None.

DEPTH INDICATOR: Garmin, GDS 20 12 VDC.

AUTOPILOT: None.

ENGINE SYNCHRONIZER: None.

ANTENNA: VHF, GPS.

BRIDGE COMPASS: Danforth Standard Corsair III. No Deviation Table.

STEREO: Sony CDX-CA700X AM/FM/CD 12 VDC.

BRIDGE STEREO: Sony Remote.

#1 TELEVISION: None.

SAFETY EQUIPMENT:

PERSONAL FLOATATION DEVICES (PDF):

LOCATION	QTY	TYPE	CONDITION
Cabin V berth storage.	2	IV Seat cushion	Good
Cabin V berth storage.	8	II Vest	Good
Cabin V berth storage.	2	III Vest	Good

VISUAL DISTRESS SIGNALS:

TYPE	QTY	EXPIRATION DATE
Arial 12 Gauge Red	3	Oct 2009

EPIRB: None.

FOG BELL: Not required.

SOUND DEVICES: Electric Horn.

NAVIGATION LIGHTS: Proper for class and working.

SPOTLIGHT: None.

FLAMMABLE GAS FUME DETECTOR: None.

CARBON MONOXIDE DETECTION SYSTEM: None, but suggested to add.

FIRST AID KIT: None, but suggested to add.

INFLATABLE LIFE RAFT: None.

DECK RAILS/LIFE LINES: Welded stainless steel tube.

SWIM PLATFORM: Integral with boarding ladder.

FIRE FIGHTING EQUIPMENT:

PORTABLE FIRE EXTINGUISHERS:

LOCATION	QTY	TYPE	SIZE	LAST INSPECTION DATE
Cockpit Forward	2	BC Dry Chemical	II	2007, 2005

The fire fighting system or installation is adequate. Replace portable units every 8-10 years

BILGE DRAINAGE:

BILGE PUMPS:

LOCATION	TYPE	VOLTAGE	SWITCHES
Aft	Attwood Submersible	12 VDC	Automatic, Manual
Aft	Attwood Submersible	12 VDC	Automatic, Manual
Forward bilge.	Attwood Submersible	12 VDC	Automatic, Manual

MANUAL PUMPS: None.

SHOWER SUMP PUMP: Attwood 12 VDC automatic only. (Note tested.)

HIGH WATER BILGE ALARM: None. Recommended.

COCKPIT DRAINAGE: (2) 1-1/2” gravity feed above waterline.

BILGES: Free of oil and fuel but dirty.

GROUND TACKLE:

ANCHOR: Galvanized steel, 7.5 kg, Bruce plow type on bow roller.

RODE: Chain with rope rode. (Verify bitter end it secured to vessel.)

SECOND ANCHOR: None.

RODE: None.

WINDLASS:

POWER SUPPLY: House 12 VDC.

MAKE: Simpson Lawrence

MODEL: Horizon 600

TRAILER:

None.

RECOMMENDATIONS:

These are items that need to be corrected due to Coast Guard requirements, and/or for the safe operation of the vessel.

1. The flares are expired, replace as needed to meet USCG requirements.
2. The forward bilge pump was not operating. Repair or replace as needed.
3. The valves on the below waterline thru hulls were stuck open. Service or replace as needed.
4. Batteries were discharged at start of survey and appeared weak. Replace as needed.
5. The Vessel registration expired in 2005. Renew as needed.

CONCLUSION:

There is no apparent structural de-lamination, dry rot, previous damage or repairs. At the time of survey the vessel appears to be a very good marine risk when the above recommendations are complied with.

OBSERVATIONS and SUGGESTIONS:

These are items that do not directly effect the safe operation of the vessel, but should be completed to help retain the good condition and value of the vessel.

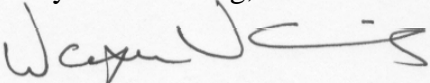
1. The far aft bilge pump was not operational at time of survey. Repair or replace as needed.
2. The hose fitting was off the fish box waste water pump. Repair as needed.
3. Carbon Monoxide Detectors Suggested: This vessel uses fossil fuel for propulsion. During the burning of any of this fuel Carbon Monoxide (CO) gas may be created due to incomplete combustion. Adequate ventilation must be provided at all times while burning this fuel, but CO may also be drawn into the cabin through ventilation systems. CO is a silent menace and kills without warning, therefore this surveyor recommends installation of a UL Marine Listed CO detector in any occupied spaces below decks.
4. The raw water inlet hose was off the live well side. Repair as needed.
5. The galley refrigerator did not have power and did not operate. Repair or replace as needed.
6. The gas lift to hold the bait sink lid open did not work. Replace as needed.
7. The hinges were off the bait well lid and the gas lift to hold it open was missing. Replace missing parts as needed.
8. The trim tab motor ran but the tabs did not operate. Repair as needed.
9. The 12 volt meter in the cabin electrical panel was reading high. Adjust or replace as needed.

10. The port aft V berth cushion was missing some foam in one corner. Replace foam as needed.
11. The T Top aluminum frame is bent on the starboard side. Repair or replace as needed.
12. The upper T top storage box was not fully fastened into the cutout. Repair as needed.
13. The latch on the forward V berth locker did not hold the door closed. Adjust or replace as needed.
14. The exterior gel coat on the hull topsides, deck and cabin is oxidized and chalky. Compound and wax as needed.
15. The bottom antifouling paint is flaking off. It does not appear the bottom surface was properly prepared prior to painting. Remove paint and properly prepare and prime before applying a new coat of antifouling paint.
16. The trim tab zincs are more than 50% wasted. Replace as needed.
17. The cap for the raw water wash down is broken. Replace as needed.
18. The bilges are dirty. Clean as needed.
19. The galley stove is rusted. Refinish as needed.
20. The fuel in the tanks is reported to be old. Remove fuel and replace with fresh fuel.

This survey checks for compliance with U.S. Coast Guard, American Boat and Yacht Council, Inc., Underwriters Laboratory, and National Fire Protection Association standards and practices. It does not cover possible latent defects which could not be readily discovered by inspection without removal of machinery, tanks, sheathing, joiner work, upholstery, bulkheads, ceiling, fascia, fiberglass or metal covering, fasteners, or other fixed material, disassembly of machinery, plumbing, wiring, or other parts, components or systems. Unless specifically stated, no test borings have been made, and no destructive or invasive testing has been performed. The undersigned has conducted this survey and issued this report for the sole use of the specified requesting party for an agreed fee based upon the intended use of the report and the legal liability of the undersigned; accordingly, others are not to use this report and not rely upon the contents of this report without payment to the undersign of an additional agreed fee based upon reevaluation of the same factors.

The recommendations, judgments, and conclusion expressed herein represent the opinion of the undersign surveyor who has exercised reasonable care in conducting a routine visual marine survey of the subject vessel. This report contains opinions and observations based on my skill, experience and training as a marine surveyor and consultant. Under no circumstances shall this report be understood to constitute a representation, guarantee, or warranty, expressed or implied, of any kind as to the condition or soundness of the subject vessel, its hull, engines, machinery, equipment, or systems or any part of appurtenances thereof, or the cost of effecting any repairs or modifications. Survey conducted without prejudice.

Wayne V Canning, AMS



Attending Surveyor

REFERENCES FOR COMMON RECOMMENDATIONS

ABYC is the American Boat and Yacht Council

ANSI is American National Standards Institute

CFR is the United States Code of Federal Regulations

ISO is International Standards Organization

NFPA is the National Fire Protection Association

UL is Underwriters Laboratories, Marine Division

Fire Extinguishers, Portable-ABYC A-4.6; 46 CFR 25.

Fixed Fire Extinguishers In Enclosed Engine Compartments-ABYC A-4.7, NFPA 12.B

Fog Bell; ABYC A-23.5, 33 CFR 80, Navigation rule 33, Annex III

Horn ABYC A-23.5. 33 CFR 80

Navigation Light: USCG Commandant Instruction M16672, Navigation Rules, Part C.ABYC A16

Flares-46 CFR 28.145. Water tight container for flares: 46 CFR 180.35-10

Non Metallic Fuel Hoses, fire resistant-USCG TYPE A-1, USC 46-CFR 183.590, UL 1114, ISO 7840 SEA 1527, ABYC H-24 & H-33.6, NFPA 302-5-6.2.2.

Double Clamp Fuel Lines –USC 46-CFR 183.564, ABYC H-24(33), NFPA 302-5-6.3.7.

Support Fuel Lines- NFPA 302-5-6.2.5. ABYC H-24.7

Mark Fuel Fill – NFPA 302-6.3.6., ABYC H-24(33).12.

EPIRB, 46 CFR 28.260

Carbon Monoxide Detection System: ABYC A-24.

Flammable Gas Fume Detector: ABYC, A-14

PFD (lifejackets) 46 CFR 180.25

Master Battery Switch – NFPA 302-7-11.2., ABYC E-9.11.3

Secure Batteries – NFPA 302-7-4.3, 33 CRF 183, ABYC E-10.7

Cover Battery Terminals – NFPA 302-7-4.5., ABYC E-10. NFPA, 7-15.9 Battery terminals shall not be used for more than 1 conductor. Exception: 1 additional connection to a + or – bus or stud for that purpose.

Reverse Polarity Indicator For 120 VAC Shore Power – NFPA 302-8-8.1., ABYC E-8.10

Ground Fault Circuit Interrupter (GFCI) for wet spaces – NFPA 302-8-12.1., ABYC E-8.12. UL 943

Support Electrical Wiring Every 18” – NFPA 302-7-14.6. ABYC E-8.15

Do Not Use Wire Nuts – NFPA 302-8-15.11., ABYC E-8.15.18

Lightning Protection – NFPA 302-2-3., ABYC E-4

Ignition Protected Devices – 33 CFR 183.410, UL 1500, or SEA J1171

Propane Bottle Locker – NFPA 302-6-5.12.1., ABYC A-1.8 ISO DIS9094

LPG Systems- ABYC A-1 & Galley Stoves A-3

CNG Systems – ABYC A-22

Sea cocks – ABYC H-27, UL 1121, ISO WD 9093

Hull Identification Number: 33 CFR 181, ABYC T-10

Toilet, USCG Marine Sanitation Device (MSD) 33 CFR 159, ISO WD 8099

Bilge Alarm, High Water Level. 46 CFR 28.250

Anchor, Ground Tackle: 46 CFR 28.235, ABYC H-40

Boarding Ladder: ABYC H-41

Navigation Rules Book: to be carried Vessels over 12 meter: 33CFR 88.05, COMDTINST M16672.2D





