

# **SURVEY AND VALUATION REPORT FOR 64 FOOT 1998 MOTOR YACHT**

## **“TROUBADOUR”**



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**VESSEL STATISTICS**

VESSELS NAME : Troubadour	DATE OF SURVEY : August 20 2014
OFFICIAL NO: 1077252	LOCATION OF SURVEY: La Paz, BCS, Mexico
MANUFACTURER'S NO.: SHGM6001L798	HOME PORT: Portland, Oregon, USA
INTENDED USE : Recreational	SURVEY REQUESTED BY: Owner
TYPE OF VESSEL Motor Yacht	OWNERS NAME : Crinklaw Farm Service
VESSEL MODEL – Pilot House Cruiser	OWNERS ADDRESS: 13837 S. Zediker, Kingsburg, Ca., 93631
YEAR BUILT: 1998	INSPECTED AFLOAT: August 20 2014
BUILDER : North Pacific Yachts	INSPECTED OUT OF WATER: August 14 2014
DESIGNER : Not known	ACCOMMODATIONS: Six persons
WHERE BUILT : Hoquiam, Wa.,	DISPLACEMENT
LOD : 60.2 feet	TONAGE MEASUREMENTS
BEAM: 18.1 feet	GROSS TONS 75 tons
DRAFT: 6 ft 6"	NETT TONS 60 tons
DESIGNED WATER LINE: Un known	DEPTH : 10.3 feet

**VALUATION**

**MARKET VALUATION \$ 815,000 00,      REPLACEMENT COST: US\$ 2,800,000 00**

**EQUIVELENT VALUATIONS**

<b>Hatteras 60 ft 1998 \$ 1,350,000 00 FL</b>	<b>HMY Yachts</b>
<b>Hatteras 60 ft 1998 \$ 949,000 00 FL</b>	<b>Galati Yachts</b>
<b>Hatteras 60 ft 1998 \$ 629,000 00 Mexico</b>	<b>HMY Yachts</b>
<b>Ocean Alexander 60 ft 1985 \$ 479,000 00 WA</b>	<b>Pacific yachts</b>
<b>Viking 58 f 1998 \$ 500,000 00 FL</b>	<b>Galati Yachts</b>
<b>Viking 60 ft 1999 \$ 495,000 00 FL</b>	<b>Galati Yachts</b>

## Hull, Deck and Superstructure

HULL CONSTRUCTION AND CONDITION:	Molded FRP Airex cored from water line up.
HULL TO DECK JOINT	External flange, metal fastened and bonded
DECK CONSTRUCTION	Cored Airex and FRP
SUPERSTRUCTURE	Cored Airex and FRP
BULK HEADS	FRP and 3/4 inch plywood
WATERTIGHT BULKHEADS	No
FLOOR TIMBERS & LONGITUDINAL STRINGERS	FRP over wood
KEEL TYPE	Long keel 0 to 16 inches aft
KEEL CONSTRUCTION	FRP

## Electrical – DC 12 & 24 volt

NO. OF BATTERIES:	Two X 8D forward, two group 31 batteries for generators, two banks of 8 six volt Trojan house batteries.
BATTERY VENTILATION:	Satisfactory
TERMINALS CONDITION:	Clean
TERMINALS PROTECTED:	Yes
BATTERIES SECURED:	Yes
BATTERY CHARGING:	Engine alternators, generators, Xantrex 25 AMP. Smart charger
BATTERY SWITCHES:	Eight total, two forward, two for each main motor, One switch for each generator
WIRING TYPE/GRADE:	Marine grade wire, sheathing in exposed areas
CIRCUIT PROTECTION:	Breakers

## Electrical – AC 110 & 220 volts

SHORE POWER CONNECTION:	110 (35 AMPs) & 240 volt, 50 amp with 50 ft cord on Glendening stowaway reel
WIRING TYPE/GRADE:	Marine grade copper
AC CIRCUIT PROTECTION:	Breakers
AC GALVANIC ISOLATOR:	Yes
ISOLATION TRANSFORMER:	Yes
INVERTERS:	Two Heart 2500 inverters

## Propulsion and Auxiliary Power

PROPULSION MANUFACTURER:	Caterpillar
MODEL:	3406
RATED HORSEPOWER:	800 HP each
YEAR MANUFACTURED:	1997
YEAR INSTALLED:	1998
SERIAL NUMBER:	Pt:9WR00414                      Stbd:9WR00413
ENGINE HOURS:	Pt: 1,044 hrs                      Stbd: 1043 hrs
FUEL TYPE:	Diesel, with dual Racor filters and vacuum gauges on all four engines
ALARMS	Oil pres., water temp, bilge high water
FRESH WATER COOLED and HEAT EXCHANGER:	Yes
ENGINE MOUNTS CONDITION:	Good
DRIP PAN:	Built-in
FUEL RETURN:	Yes
EXHAUST CLEAR OF WOOD WORK:	Yes
EXHAUST MUFFLER MATERIAL:	Steel, exhaust hose, FRP, water-cooled
TRANSMISSION REDUCTION GEAR:	Two Twin Disc MG5114A2.51, S/N Port 5DV836 & Stbd. 5EA736

PROPELLER SHAFT SIZE:	Three inch Stainless Steel
PROPELLER SHAFT LOG:	FRP
PROPELLER SHAFT SEALS:	Dripless in good condition. Slight drip port side
PROPELLERS:	Two bronze 35”X 41 four bladed
PROPELLER POSITION:	Protected
CUTLASS BEARING CONDITION:	Good condition
GENERATORS:	Two Northern Lights One 20 KW s/n LM-3153812 with 1,690 hours One 8 KW s/n K02375 with 1240 hrs

### **Corrosion Control**

BONDING:	Yes
ZINC SYSTEM:	Yes
ZINC CONDITION:	New
IMPRESSED CURRENT SYSTEM:	No
ANODE CONDITION:	N/A
GROUND PLATE:	Two Dynaplate,s

### **Thru-hull Fittings, Seacocks and Hoses**

THRU-HULL MATERIAL:	Bronze
THRU-HULL CONDITION	Appear sound
SEACOCK MATERIAL:	Bronze ball valves
SEACOCK CONDITION:	Good condition, some stiff,, service sea cocks *****
WOOD EMERGENCY PLUGS:	No
HOSE TYPE:	Neoprene wire reinforced
HOSE CONDITION:	Appear sound where visible
HOSES DOUBLE-CLAMPED:	Yes

## Steering

HELM TYPE:	Wheel
STEERING METHOD:	Hydraulic
EMERGENCY STEERING:	Autopilot, motors, and bow thruster
NO. OF STATIONS:	Two
RUDDERS:	St Steel
RUDDERING BEARINGS:	Good condition
RUDDER PACKING:	Good condition

## Tankage

NUMBER OF FUEL TANKS:	One
FUEL TANK MATERIAL:	Aluminum
FUEL TANK LOCATION:	Center forward of engines
FUEL TOTAL CAPACITY:	998 Gallons
PROPERLY SECURED:	Yes
FILL PIPE MATERIAL:	Fuel hose
FILL PIPE SIZE:	Two inch
FILL PIPE GROUNDED:	Yes
FILL PIPE TIGHT AT DECK FITTING:	Yes
VENT LINE:	Yes
OVERFLOW GOES OVERBOARD:	Yes
FUEL LINE SHUT-OFF:	Yes, at tank
WATER TANK MATERIAL:	Stainless Steel, located aft of engine room
NUMBER OF WATER TANKS:	Two
WATER TOTAL CAPACITY:	300 gallons
HOLDING TANK MATERIAL:	Stainless Steel

NUMBER OF HOLDING TANKS: Two, One for grey water and one for black water  
Gallons un knowen

## Electronics and Navigation

RADIOS: VHF: Two Icom model IC-M127's (upper and lower steering station)

RADAR: Furuno – Gaas FET Front end & Furuno Sounder FCV-582 at lower station

GPS: North Star

GPS CHART PLOTTER: Garmin multi function two units one on flying bridge and one in wheel house, both new in 2013

COMPUTER NAVIGATION SOFTWARE: Not seen

DEPTH SOUNDER: Datamarine two stations- Furuno Sounder FCV with repeater at to lower station

SPEED INDICATOR: Garmin multi function units

WIND INDICATOR Lower station

AUTOPILOT: Simrad / Robertson AP 20

COMPASS: Danforth Constellation 6 inch

WEATHER FAX FURUNO 207

WETHER STATION Lacrosse at Lower station

SHIP'S CLOCK: Yes

BAROMETER: Yes

NAVIGATION LIGHTS: International

HORN: Electric

BELL: Not seen

## Sanitation

MARINE SANITATION DEVICE: Two Hunter electric heads, with maccerators

MSD SYSTEM VALVING: Two holding tanks, deck pump out, overboard

## **SAFETY EQUIPMENT AND MANDATORY NOTICES**

BILGE PUMPS:	Four Rule 3,000 electric automatic located Aft, engine room, amidships and forward :
PERSONAL FLOTATION DEVICES:	17 type I and II
THROWABLE DEVICES (TYPE IV):	One 24 inch ring float
VISUAL DISTRESS SIGNALS, TYPE:	Out of date
EPIRB:	ACR 406 good till 02016
SMOKE ALARMS	Three
LIFE RAFT:	Zodiac 6 man class 2, (needs servicing)
FIRE EXTINGUISHERS:	Seven ABC/BC BI SIZE I, (All in green)
AUTOMATIC FIRE SUPPRESSION SYSTEM:	fire Boy MA2 -1275 Needs servicing
LIFE LINES:	St Steel stanchions and hand rails
PULPIT:	St Steel
OIL DISCHARGE PLAQUE:	Yes
WASTE MANAGEMENT PLAQUE:	Yes
WASTE MANAGEMENT WRITTEN PLAN:	Yes

## **GROUND TACKLE**

ANCHORS:	Bruce 30 kg with 300 ft 3/8 inch galvanized chain
ANCHOR WINDLASS:	Simpson Lawrence electric

## **GALLEY AND INTERIOR**

STOVE TYPE:	Dacor electric stove top and oven
STOVE WOODWORK PROTECTED:	Built in
STOVE FUEL CONNECTION METHOD:	Electric



REFRIGERATION:	GE stand up refrigerator / freezer Under counter Kenmore refrigerator U Line Ice maker, all in galley Refrigerator / Ice maker on flying bridge
TRASH COMPACTOR:	General Electric
DISH WASHER:	No
WASHING MACHINE	Asco washer and dryer
MICROWAVE:	GE
HOT WATER TANK:	60 gallon Stainless steel
OTHER EQUIPMENT:	Garbage disposal Toaster Coffee maker

### **ADDITIONAL EQUIPMENT**

AIR CONDITIONING	One large Heat Cosy chiller with four distributors
HEATING SYSTEM	WABASCO DIESEL HEATER, 2010
BOW THRUSTER	Wesmar, electric
STABILIZERS	Glendening
DINGY AND MOTOR CRANE	Ross Kelly, electric heavy duty
WATER MAKER:	Sea Recovery SRC 600
DINGHY:	Caribe 15 ft. RIB with consol , new 2009
OUTBOARD MOTOR:	Honda 60 hp # SP5067G809
ENTERTAINMENT SYSTEM:	
Two TV,s Mitsubishi 30 " satellite TV	Yamaha amplifier, and receiver
A 20 "Panasonic TV / VCR, AND A 13 " TV	Sony CD/ DVD. Sony DVD , Disc explorer 400
Sony 40 inch TV New in main salon	Numerous speakers

OTHER:

Six Fenders  
Eight dock lines  
Remote search light

## **HULL BELOW THE WATERLINE**

The Hull was hauled and was inspected, sounded and found in good condition, no blisters were found, rudder and cutlass bearings were in good condition, All through hull fittings appear sound, the bottom was painted and new zincs installed.

## **HULL ABOVE THE WATERLINE**

The hull above the waterline was inspected and found in sound condition. the superstructure is also in good and sound condition, all the paint work is in good condition.

## **FOREDECK**

The foredeck is uncluttered with an anchor locker with anchor mounted below the deck including the electric windlass, and ready to deploy. There are heavy duty St. Steel stanchions, hand rails and bow pulpit, a 24x 24" escape hatch, and a sun bathing arrear.

## **AFT DECK**

The aft deck is aft of the main salon and consists of seating and a table, a propane built in BBQ and access to a large swim platform aft with St Steel guard rails, swim ladder, shower reciprocal and access to the engine room

## **FLYING BRIDGE**

The flying bridge has a consol forward with steering, engine controls and instruments, compass and electronic navigation instruments, and a double seat behind. On the starboard side is access to the wheel house below, a seat, and a cabinet. On the port side is an L shaped settee, behind the seat is a cabinet with a sink and a refrigerator / ice maker. Aft on the flying bridge is a mounted dingy with motor and a dingy hoist and a life raft. There is a radar arch, a wrap around spray shield and a bimini top.

## **WHEEL HOUSE**

The wheel house consists of a consol forward with steering, engine controls and instruments, compass and navigation electronics and a remote search light , behind the consol is a swivel chair. On the starboard side is access to the accommodations below. There is access to the side decks in the wheel house. On the starboard side aft is access to the flying bridge with a cabinet behind. On the port side is a U shaped seating and a table.

## **ACCOMMODATIONS**

Below forward is a queen sized bed with storage under, cabinets, a hanging locker and a TV. A second state room with two single beds, a night stand and a hanging locker between the two state rooms is a bath room with all amenities. The master state room is aft with a king sized bed, cabinets and shelves on both sides, a vanity with a stool, hanging lockers and a TV and music, the master state room has its own private bathroom with mirrors, vanity ,toilet an a separate shower.

## **GALLEY AND MAIN SALON**

The galley is forward on the port side in the main salon, is U shaped and consists of refrigerators, stove, microwave, double sink with Garborator, garbage disposal. Opposite on the starboard side is a wet bar, sink, and an ice maker. Music center cabinets, and TV are on the starboard side. All counter tops were of a Corian type top. On the port side is a U shaped settee with table.

## **COSMETICALLY:**

The appointments are first class throughout the vessel, with carpeting in good condition including furnishings, window coverings and tile work. All paint and bright work is in good condition.

## **MECHANICALLY:**

The steering equipment was inspected and found to be in good working condition. The rudder and shaft seals are in good condition, the starboard side has a slight drip on the dripless shaft seal. All engines are in good running condition. The raw water pumps on the main engines and generators are in good conditions. The sea cocks are in good condition, but some were found stiff and need servicing. Hoses where visible, were found in good condition There is an oil changing system. The engine room blower is adequate. The fuel filtering system for the main engines is through dual Racor filters with vacuum gauges.

**REQUIREMENTS A**

- 1 Update flares
- 2 Service engine room automatic fire extinguisher
- 3 Have permanently marked and displayed both registration number and hull numbers on vessel

**RECOMMENDATIONS B**

- 1 Service all stiff sea cocks
- 2 Service life raft

**RECOMMENDATIONS C**

None at this time

**COMMENTS**

Troubadour is a sound vessel that is in good condition and being well maintained . She was found clean and tidy throughout with everything in its appointed place

**SURVEYOR'S CERTIFICATION**

I certify that I have made a personal inspection of the vessel that is the subject of this report, and to the best of my knowledge and belief:

Specifics were obtained from sources available at the time of inspection and are believed correct, but are not guaranteed to be accurate. The report analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and is my personal, unbiased professional analyses, opinions and conclusions .Observations and findings are limited to that which is visibly accessible.

I have no present or prospective interest in the vessel that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.

My compensation is not contingent of the reporting of a predetermined value or direction in value, or direction in value that favors the cause of the client, the amount of the value estimated, the attachment of a stipulate result, or the occurrence of a subsequent event.

Attending Surveyor:

*Cecil M. Lange*

Cecil M. Lange AMS #937, Member-Society of Accredited Marine Surveyors





STERN VIEW



OUT OF THE WATER



OUT OF THE WATER



FOREWARD



FACING AFT



AFT DECK



FLYING BRIDGE



FLYING BRIDGE STEERING STATION



FLYING BRIDGE FACING AFT



WHEEL HOUSE



GALLEY



MAIN SALON FACING FORWARD





MAIN SALON FACING AFT



FORWARD STATE ROOM



GUEST STATE ROOM



MASTER STATE ROOM



ONE OF THE BATHROOMS



MAIN ELECTRIC PANEL



ENGINE ROOM



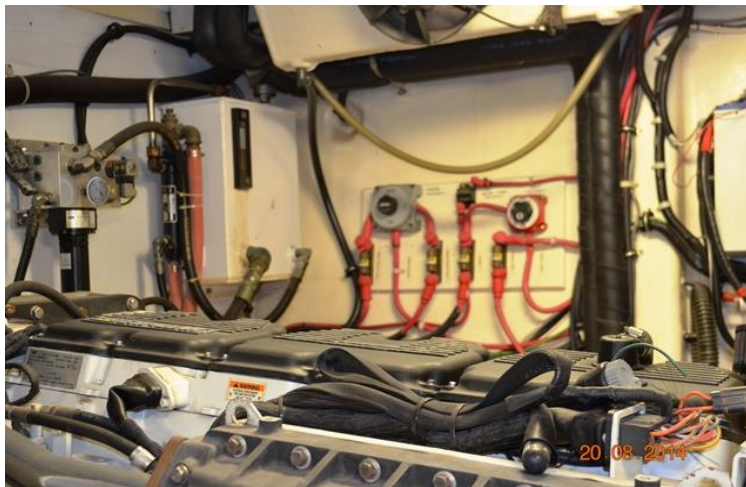
TRANSMISSION AND SHAFT SEAL



STARBOARD GENERATOR



INVERTER & A BATTERY CHARGER



IN ENGINE ROOM



AIR CONDITIONING UNITS



WATER MAKER



PORT SIDE STEERING



STARBOARD SIDE STEERING