

# REPORT OF SURVEY

(CONDITION AND VALUATION FOR INSURANCE)

PRIVATE AND CONFIDENTIAL

REPORT NUMBER: 14-001



ISSUED BY: ANDREI SOKOLSKI

MARINE SURVEYOR, CACMS, NA, MS, QA, NACE

FROSIO INSPECTOR LEVEL3

TEL: +1-905-975-0821



2014

Date: June 12, 2014

To: Owner

The following report details the results of survey of [REDACTED] was inspected on a trailer at owner's facility, [REDACTED] Ontario for out of water inspection on [REDACTED]. The owner requested the survey on her 5 years project completion to restore and renovate her boat. The purpose of the inspection to verify quality of the works according related standards, regulations and best shipbuilding practice before launching, determining fair market value and insurability.

To determine market value, a comprehensive Internet search of comparable vessels through Canada and United States was undertaken.

The cruiser [REDACTED] was personally inspected by the undersigned and found well rebuild and repaired, safe and comfortable vessel for her size. Inspection included internal and external hull inspection, machinery, navigation, electrical installation, ventilation, accommodation, safety and appearance to original design and construction. With Canadian Shipping Act for small boats, Transport Canada TP1332, USCG and Canadian Coast guard regulations, "Safe boating Guide", ABYC recommendations and Lloyd's Register Rules for special crafts implemented and the recommendations adhered to, the vessel should be considered suitable for her intended use of Inland waters, lakes and rivers on visible distance from shore up to 5 nautical miles as a pleasure craft for personal use.

In the conduct of this survey all parts of the vessel, which were accessible without removal of bulkheads, decks, insulation, installed units, etc. were carefully examined as it could be seen.

Visual inspection completed, but all machinery and equipment were not tested. Recommended to continue survey on water and after sea trail make final appraisal. There are no identical boats on market. As result of my survey, investigation, and by virtue of my experience, my opinion is:

Overall vessel condition: EXCELLENT This rating describe a vessel that is kept in mint condition, better than factory new and loaded with many extras.

Fair Market Value: [REDACTED] Replacement value \$ [REDACTED]

Respectfully submitted,

Andrei Sokolski

Master Marine Surveyor

Member Canadian Association Certified Marine Surveyors

## Definition of terms

An explanation of terminology and wording of this survey:

**Replacement cost:** Indicates the cost of same model or similar vessel in same condition. The cost includes price of the boat, machinery, installations, equipment, material and reasonable labour for rebuild.

**Appears:** Indicates that a very close inspection of that component/ system/ area, was not possible due to constructions imposed upon Surveyor (e.g. No power available, inability to remove panels and/or equipment, etc.)

**Fit for intended use:** Use which is intended by purchaser of this survey. (Present or prospective owner)

**Adequate:** Sufficient for specific requirement.

**Powers up:** Power was applied only. This does not indicate that the system or component was tested and observed running

**Excellent condition:** New or like new - "E"

**Very good condition:** Near new with only minor wear and tear "V"

**Good condition:** Average wear and tear for a vessel of this age "G"

**Fair condition:** Operational as is but may need minor repair "F"

**Poor condition:** Unusable as is. Requires repair or replacement "P"



Photo 1.

Interior design -Unique handmade design and an original extinguisher

## Ownership and General Data

1. Type of survey : Insurance
2. Name of the vessel: [REDACTED]
3. Year/ Make: [REDACTED]
4. Type: ENCLOSED SUPER CRUISER
5. Rebuild/ Renovated: 2014
6. Registration number: [REDACTED]
7. Hull identification number: [REDACTED]
8. Port of Registry: USA
9. Owner's name: [REDACTED]
10. Address:
11. Survey Site: on trailer at address mentioned above
12. Date of survey: [REDACTED]
13. Hull type: Deep "V"
14. Hull material: White Oak, Mahogany and marine plywood
15. L.O.A : 28 feet
16. Beam: 8 feet 1 inch
17. Draft:
18. Cuddy Headroom: 6 feet
19. Displacement: APP 5500 LBS
20. Propulsion System: ML 145 Hercules
21. Cylinders/ Pistons: 6
22. Serial No: [REDACTED]
23. Hours: unknown
24. Fuel: Gas
25. Speed: cruise 10 mph, top speed: TBP



Photo 2 Original manufacturer – Chris Craft

**Hull, Exterior and Interior**

- |                                                                  |   |
|------------------------------------------------------------------|---|
| 26. Bulkheads: 2 partial bulkheads                               | V |
| 27. Structural arrangement: Transverse with combination above WL | V |
| 28. Main/ web frames: 8; Fr.0 is fore stain, Fr. 8 – transom     | V |
| 29. Longitudinal support: 2 stringers and 2 longitudinals        | V |
| 30. Transfer support: mid frames and stiffeners on bottom        | V |
| 31. Deck Joint: Deck to hull                                     | V |
| 32. Keel: Solid wood, White Oak                                  | E |
| 33. Deck: Plywood with finished mahogany planking                | E |



Photo 3 Bow area inside – transfer framing, 2 stringers and 2 longitudinals above WL



Photo 4 Bottom structure: Keel, webs and stiffeners



- |                                                                                          |   |
|------------------------------------------------------------------------------------------|---|
| 34. Superstructure: marine plywood, coated on top by antiskid white polyurethane         | E |
| 35. Windows: Bronze or wood framing with stainless reinforcement. Original.              | G |
| 36. Doors: One internal and one cabin                                                    | G |
| 37. Hatches: One watertight, safety glass in bronze framing escape/ fore ventilation.    | V |
| 38. Bilge water alarm: one, connected to owner's cell phone                              | E |
| 39. Engine beds: 4 rubber boots on wooden frame                                          | G |
| 40. Paint: International Paint Interlux                                                  | V |
| Hull -Interlux Brightside Gloss White , Underwater Interlux bottom coat Copper/Bronze AF |   |
| 41. ME Ventilation: Port and STBD inlet – exhaust stainless steel, original              | G |



Photo 5 Side shell appearance



Photo 6 Bottom part appearance with Echo sounder head

**Propulsion:**

- 42. Engine make/ Model: ML HERCULES E
- 43. Horsepower: 145 HP
- 44. Serial Number: [REDACTED]
- 45. Engine Hours: Unknown
- 46. Overall: 2014 E
- 47. Mounts: Steel and rubber boots, appear tight and secure G
- 48. Cables: All cables new and properly secured E
- 49. Ventilation: Natural intake; One Port side located exhaust blower V
- 50. Belts, hoses, ground connectors: All New, tight and secured V
- 51. Controls: Forward, neutral and reverse V
- 52. Wiring: All new, secured with metal clips as necessary V
- 53. Fuel/ Oil Leaks: Appear in good condition V
- 54. Instrumentation Warning System: TBP
- 55. Propeller, shaft, leg: Original metal in excellent condition, tight and seal, shaft is new V
- 56. Exhaust system: Outboard stern direct V
- 57. Engine compartment: Fully rebuild, insulated E
- 58. Helm location: STBD forward cabin E
- 59. Steering Type: Mechanical V
- 60. Fuel tank: Fr. 7-8; Secured, grounded, 45 gallons V
- 61. Fuel Shut off valve location:

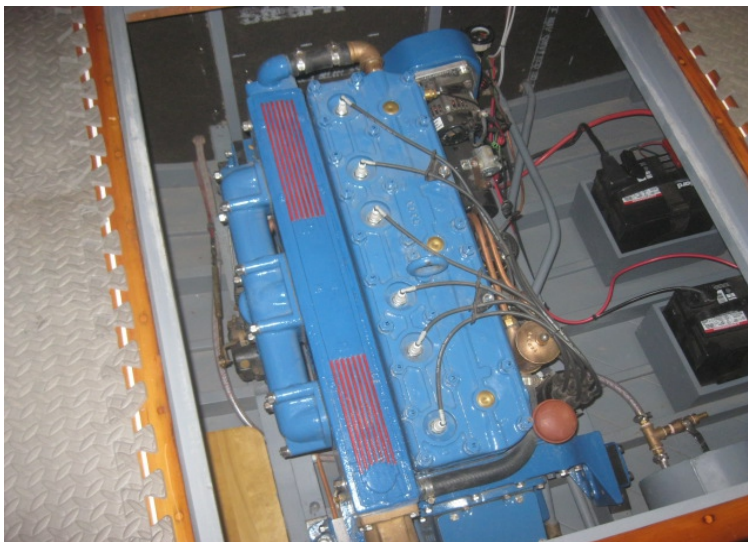


Photo 7 Main engine compartment under cockpit deck.

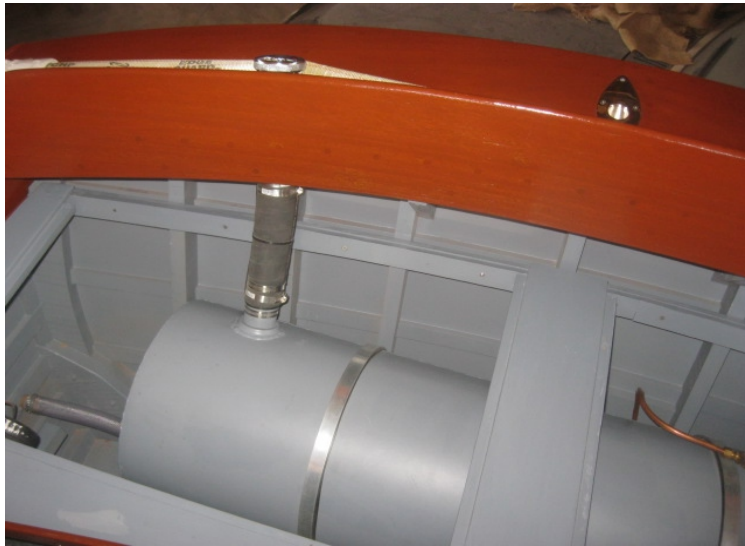


Photo 8 Fuel tank compartment and transom structure.



Photo 9 Rudder, propeller, Leg, shaft



Photo 10 New batteries and connection to generator.



## **Electrical Systems**

### AC Electrical System

- 62. Shore Power: New Cable V
- 63. Conductors: New V
- 64. AC panel: V
- 65. Battery charger: V
- 66. Isolation switch: V

### DC Electrical System

- 67. Ship power: 12V V
- 68. Conductors: Standard Marine V
- 69. DC panel: Standard Marine new V
- 70. Alternator: Marine grade V
- 71. Batteries: Two units 12 V each V
- 72. Vapour proof switch: One standard marine new V
- 73. Bonding: Earth to motor V

## **Piping system**

### Bilge pumping:

- 74. Bilge water alarm: New, connected to owner's cell phone E
- 75. Bilge Pump: one auto start, new V
- 76. Manual hand pumps: Emergency tire style pump, new V

### Fresh water system

- 77. Portable water: Tank capacity 15 gallon with drain system G
- 78. Water pressure system: Yes G
- 79. Water heater: N/A
- 80. Shower sump: N/A
- 81. Galley: One sink G

### Heating and Cooling:

- 82. Heating: N/A
- 83. Cooling: N/A

**Accommodation, appliances**

- 84. Head: One portable new G
- 85. Garbage storage/disposal: N/A
- 86. Refrigerators: N/A
- 87. Coolers: Portable G
- 88. Stove: N/A
- 89. Propane alarm: N/A

**Electronics, Navigation:**

- 90. Windshield wipers: Renewed G
- 91. Radar: N/A
- 92. Sounder: Yes, Model: 2014 Garmin740S –Echo and sonar V
- 93. GPS:
- 94. VHF Marine radio: Yes, New, Model
- 95. Compass: Yes G
- 96. Navigation lights: Port, STBD, Top, Stern in excellent E
- 97. AM/FM radio: Yes, with new speakers inside and outside E

**Ground Tackle:**

- 98. Windlass: N/A
- 99. Anchors: One 8KG anchor G
- 100. Rode: Anchor chain – 15 m nylon rope



Photo 11 Anchor and anchor chain

**Safety Equipment:**

- 101. Propane detector: N/A
- 102. Propane ventilation: N/A
- 103. Smoke detector: N/A
- 104. Fire extinguisher: Two new 5BC inside and outside G
- 105. Re-boarding ladder: New one
- 106. Radar reflector:
- 107. Flares: Six TC Approved
- 108. Life jackets: 8 eight G
- 109. Lifebuoy: one in cockpit
- 110. Watertight flash light: one new
- 111. Search light: One STBD top of cabin E
- 112. Sound devise: Yes
- 113. Manual propelling device: Paddle G
- 114 Hand rails: Original design. Not properly secured at forward G
- 115. Stanchions, railing: N/A
- 116. Mooring cleats/bollards: New stainless steel, proper size and secured E
- 117. Bailer: Bucket G
- 118. Canadian Coast Guard test completed (Pleasure Craft Operator Card): Yes

**Extra Equipment:**

- 119. Bimini and Canvas: N/A
- 120. Dinghy: N/A
- 121. Trailer: Galvanized tandem trailer – not part of this survey



Photo 12 Galley arrangement – rebuild original design

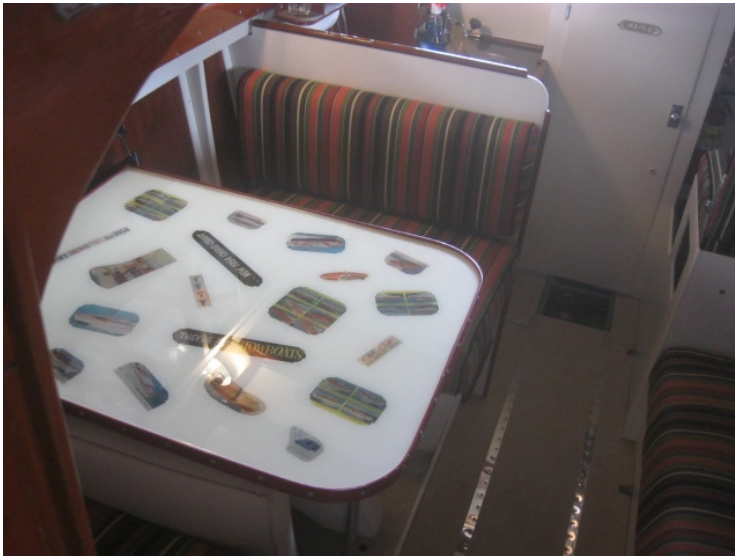


Photo 13 Cabin interior – 4 people accommodation

#### **Vessel Layout:**

This 28 feet cruiser has big open cockpit, protected by high transom and side bulkheads. The cockpit has deck panels over engine compartment. Forward cabin with door accommodates up to 4 people. STBD sofa converts to two beds. Port table and chairs transform to another bed for two people. Helm/console located at front in the cabin on STBD and galley table with sink and storage are on port. Bow compartment at front of the cabin has portable head and room for storage with watertight hatch.

#### **Overall:**

The vessel is result of 5 years project to rebuild and restore [REDACTED] cruiser, which is a unique representative of traditional pleasure wooden boats powered with original engine and operated with original parts. All wires, cables and hoses are brand new. New modern navigation equipment installed. The vessel is complies with Transport Canada's Safe Boarding Guidelines and should be suitable for her intended use of Inland waters, lakes and rivers on visible distance from shore up to 5 nautical miles as a pleasure craft for personal use.