

SURVEY REPORT




ONTARIO 32

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Signed:


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2022 May 11

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GENERAL

The following is a report on a survey conducted by Stephen W. Leake (Surveyor).

The survey was requested by [REDACTED] (Client).

The object of the survey was to ascertain the general condition of the vessel for insurance purposes.

This report represents the educated opinion of the Surveyor, subject to the condition of the vessel being ascertained from a general inspection while ashore without removing equipment or opening parts normally concealed, testing for tightness, operating machinery or systems unless specifically noted.

The contents of this report are for the consideration of the Client.

The contents of the report remain the intellectual property of SWL CONSULTANTS.

Use of this report by the Client or any third party, serves as acknowledgement of these provisions.

STANDARDS

The subject vessel has been surveyed for compliance where applicable with the following regulations and standards under the Canada Shipping Act:

TP1332 Construction Standards for Small Vessels

Small Vessel Regulations

Collision Regulations

Sewage Pollution Prevention Regulations

GLOSSARY OF TERMS

VERY GOOD - Essentially as new in appearance and operation

GOOD – Fully serviceable with no obvious defects or limitations

FAIR – operational but needs cleaning, maintenance, minor repair or updating

POOR – reliability compromised, significant servicing required or replacement

References to applicable standards are highlighted in the report body in italics.

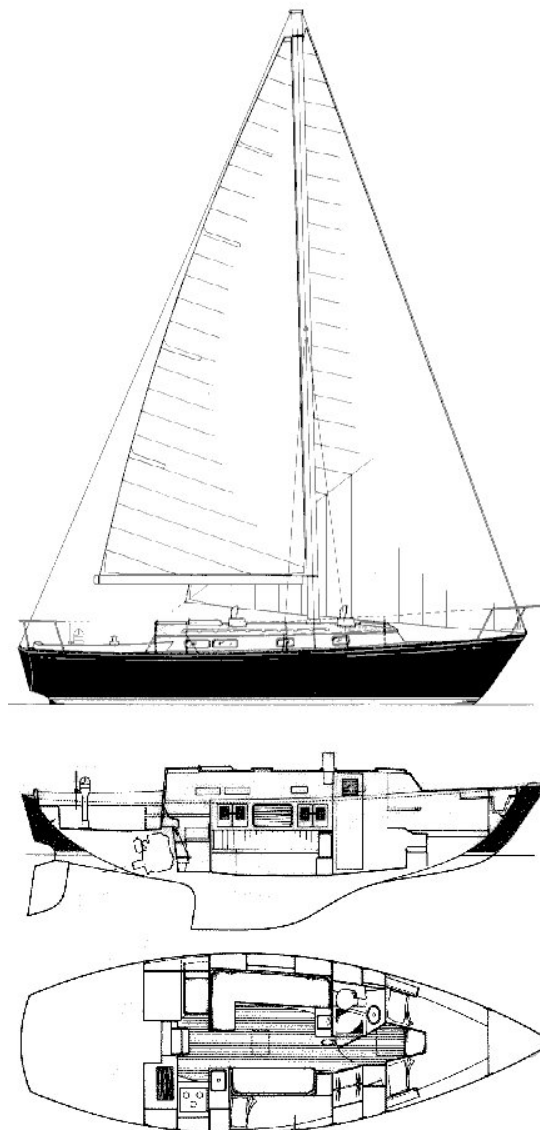
SURVEY PARTICULARS

Date attended:	2022 May 5
Location:	Nepean Sailing Club, Ottawa
Vessel support:	Cradle & jack stands
Weather Conditions:	Clear, calm, 15oC
In attendance:	Client

VESSEL PARTICULARS

Registered Name:	Coorie Doon
Port of registry:	Kingston
Builder:	Ontario Yachts, 4160 Morris Drive, Burlington, ONT, CANADA
Model:	Ontario 32
Year:	1976
Hull Identification Number (HIN):	
Registration Number:	██████████
Gross Registered Tonnage:	
Net Registered Tonnage:	8.78
Conformity or Capacity Label:	No.
Length:	9.75 m (32' – 0")
stem to transom	
overall with platform	
Beam:	3.35 m (11' – 0")
Depth:	
Draft:	1.37 m (4' – 6")
	measured 5' – 0" to underside of keel from marked waterline
Displacement:	4445 kg (9800 lbs)
Propulsion:	Sail
Auxiliaries:	Inboard diesel, 20hp.

VESSEL DESCRIPTION



Vessel is a stock production cruiser sloop rigged sailboat.
Hull form, round bilged light displacement with ballast fin keel.
Flush decked with raised cabin trunk and self-draining aft cockpit.

Interior arrangement from forward to aft consists of vee berth cabin, head to port with vanity and washbasin, hanging locker to starboard, main cabin with settee berth to starboard, dinette table to port convertible to a double berth, galley aft. Engine under cockpit and bridge deck.



CONSTRUCTION

Moisture readings made with Tramex meter. Relative Scale 1. Reading of 100 correlates approximately to 5% moisture content by weight. Considered acceptable.

HULL	Fibreglass, single skin.	GOOD
BOTTOM:		
Visual:	Smooth and fair, no evident cracks or blisters.	
Percussion:	Sound.	
Moisture:	Dry.	
TOPSIDES:		GOOD
Visual:	A few moulding ripples.	
Percussion:	Sound.	
Moisture:	Dry	
HULL LINER	Fibreglass.	GOOD
DECKS	Fibreglass.	GOOD
MAIN WEATHER:		
Visual:	Clean, minor weathering, no gel cracks found.	GOOD
Percussion:	Sound but flexes and creaky underfoot.	
Moisture:	Dry. Exception – in way of transom outboard of the cockpit coaming, registering 100. Unchanged since last surveyed. No action deemed necessary.	
DECKHOUSE	Fibreglass.	GOOD
Visual:	Clean, minor weathering, no gel cracks found.	
Percussion:	Sound.	
Moisture:	Dry	
INTERNAL STRUCTURE		
BULKHEADS	Generally of plywood, sound and secure.	GOOD

FLOORS:	Generally of plywood, sound and secure	GOOD
ENGINE BEDS	Fibreglass over oak.	
	Fibreglass sheathing removed in way of engine mounts.	GOOD
DECK LINER	Fibreglass.	GOOD

ANCHORING & MOORING

Anchors:	#1 ~ 15kg Bruce	GOOD
	#2 ~ 35lb bell	GOOD
Rode:	#1 ~ 5/16" 4G chain, estimated at 40 ft length + 250ft 3/4" braided rope.	GOOD
	#2 ~ not noted	
Locker:	Recessed in foredeck with hatch over.	GOOD
Windlass:	Lewmar	GOOD
Bow roller:	Two, nylon in s/s pipe frame bow sprit.	GOOD
Cleats:	Two 10" on foredeck.	GOOD
Fenders:	Not seen	
Boat hook:	One.	GOOD
Lines:	Several.	GOOD

LADDERS, RAILS & STANCHIONS

Boarding ladder:	s/s	GOOD
Grab handles & rails:	Teak on deck and in way of companion.	GOOD
Bow rail & stanchions:	s/s.	GOOD
Side rail & stanchions:	s/s with two lifelines. PVC sheathing beginning to crack.	FAIR
Stern rail & stanchions:	s/s.	GOOD

HATCHES, DOORS & WINDOWS

Exterior doors:	Companion drop boards, wood frame with polycarbonate prisms.	GOOD
Exterior hatches:	Two. Polycarbonate prisms slightly weathered.	GOOD
Engine cover:	Removable bulkhead in way companion steps.	GOOD
Windows:	Renewed since last surveyed.	GOOD.
Portlights:	One.	GOOD
Interior doors:	Joiner.	GOOD
Interior hatches:	Joiner, loose lift.	GOOD

HULL & DECK FITTINGS – Miscellaneous

None of note

RIG

Spars & Fittings	Aluminum with s/s fittings	
Mast		GOOD
Boom	A bit scuffed up.	GOOD
Other		
Standing Rigging	s/s	
Stays	Head stay & Harken roller furler (2021)	VERY GOOD
Shrouds		GOOD
Turnbuckles	Not seen	
Shroud plates		GOOD
Forestay plate		GOOD
Aft stay plate		GOOD
Running Rigging	Dacron braid	
Halyards		GOOD
Sheets	Not seen	
Vangs	Not noted	
Blocks & sheaves		GOOD
Winches	Two Harken 40, 2 speed sheet winches. Just serviced. One Bariert 22 on deck one on mast.	GOOD GOOD
Sails	Spinnaker by FX. Other sails being made.	GOOD

PROPULSION MACHINERY

Engine model: Yanmar 20hp. Rebuilt seven years ago.
Model #: 2QM20



Condition:		GOOD
Operation: start	Winterized therefore not started.	
Engine seats:	Resilient mounts lag bolted onto engine beds.	GOOD
Propeller:	Three bladed, bronze, 14RH14.	GOOD
Shafting:	1" s/s.	GOOD
Coupling:	Flanged with intermediate flex.	GOOD
Shaft inner bearings:	None	
Shaft stern tube bearing:		GOOD
Struts & bearings:		GOOD

Lubrication system			
Oil condition:	Not checked		
Oil level:			
Cooling system:			
Type:	Raw.		
Intake fitting:	Grille		
Seacocks:	Yes.	GOOD	
Piping & hoses:	GOOD		
Clamps:	Single s/s.	GOOD	
Exhaust system:			
Type:	Wet		
Pipes and hoses:		GOOD	
Siphon Break :	None noted		
Silencer :	s/s cannister.	GOOD	
Clamps :	s/s.	GOOD	
Belts:		GOOD	
Wiring:		GOOD	

AUXILIARY MACHINERY

None

FUEL SYSTEM

Fuel Type:	Diesel		
Fill fitting(s)			
Location:	Starboard side deck.		
Material:	Metallic.	GOOD	
O ring-seal	.		
Grounded:	Yes.		
Fill pipe:	Hose	GOOD	
Tank			
Location:	Beneath cockpit footwell.		
Make:	Mirax		
Material:	Steel. GOOD		
Capacity:	98 litres		
Grounded:	Yes.		
Shut-off:	Yes.	GOOD	
Vent(s) Location			
Pipe (hose)		GOOD	
Screen	Clean		
Delivery line(s)			
Material:	Hose	GOOD	
Filters	Racor.	GOOD	

CONTROLS

Steering	Edson.	GOOD
Helm indicator:	King spoke not marked.	
Mechanism:	Cables.	GOOD
Rudder stock(s)		GOOD
Rudder(s)		GOOD
Engine:		GOOD
Monitoring gauges		GOOD

BILGE PUMPING SYSTEM*{ABYC ref H-22}*

Pump #1:	Rule 1100.	GOOD
Location:	Keel sump.	
Type:	Submersible	
Float switch:	Yes.	
Manual switch	Yes	
Indicator light:	No.	
Fuse correct size per mfr	Yes.	
Ignition protected:	Yes.	
Strum box:	Yes.	
Accessibility:	By lifting deck hatch.	
Piping:	Hose. GOOD	
Connections:	Single s/s clamps	
Discharge	Above waterline	

Pump #2:	Attwood V1250	GOOD
Location:	Keel sump.	
Type:	Submersible	
Float switch:	No.	
Manual switch	Yes	
Indicator light:	No.	
Fuse correct size per mfr	Yes.	
Ignition protected:	Yes.	
Strum box:	Yes.	
Accessibility:	By lifting deck hatch.	
Piping:	Hose. GOOD	
Connections:	Single s/s clamps	
Discharge	Above waterline	

VENTILATION*{TP1332 – 6, ABYC H-2 Gasoline, H-32 Diesel}*

Engine space & Fuel tank space:	Fan blower with ducting.	GOOD
Accommodations:	Dorades on cabin top.	GOOD

HEATING & AIR CONDITIONING

None fitted

ELECTRICAL SYSTEM – DC

Battery(ies):	{ TP1332 – 8.6, ABYC E-10}	
Number:	Two NorthStar AGM and one Odyssey PC925.	GOOD
Location :	Beneath navigator seat.	
Proximity to fuel system:	Clear	
Restraint :	Straps	
Cover :	Seat .	
Ventilation :	None	
Cables :	{ TP1332 – 8.6, ABYC E-11}	GOOD
Selector switch: { TP1332 – 8.6.2}	Yes.	GOOD
Alternator:	Engine supply.	GOOD
Wiring: { TP1332 – 8.6, ABYC E-11}		GOOD



Panel: { TP1332 – 8.10}	Rewired.	VERY GOOD
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ELECTRICAL SYSTEM – AC

Shore connection:	Re-located to cockpit coaming from chain locker.	GOOD
Shore power cord:		GOOD
Panel:		GOOD
Charger: {ABYC A-31}	Enerwatt solar charger with array of panels mounted on Bimini frame.	GOOD
	Xantrex battery charger.	GOOD
Wiring:	Ancor.	GOOD
Outlets:	GFCI where necessary.	GOOD

NAVIGATION & ELECTRONICS EQUIPMENT

Compass:	Ritchie 2".	GOOD
Sound signaling device:	Not noted.	
Navigation Lights	Tri-colour on mast top. Removed for winter.	GOOD
Speed, wind, depth:	Raymarine	VERY GOOD
Radios:	Not seen.	
Autopilot:	Raymarine (2020).	VERY GOOD
Chart Plotter:	Raymarine (2020).	VERY GOOD

CATHODIC PROTECTION

Anode on propeller shaft.	VERY GOOD
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BONDING & LIGHTNING PROTECTION

Yes but seacocks have been disconnected from the bonding system.
No visible evidence of degradation. GOOD

FRESH WATER SYSTEM

Pressurized:		No.	
Fill(s)	Location:	Starboard side deck.	
Fill pipe:		Hose.	GOOD
Tank			
	Location:	Beneath port and starboard saloon settees.	
	Make:	Ontario Yachts	
	Material:	Fibreglass.	GOOD
Piping:		Hose.	GOOD

GREY WATER SYSTEM

Overboard.

SEWAGE SYSTEM

Intake valve:		Seacock.	GOOD
Intake piping:		Hose.	GOOD
Toilet:		Jabsco manual. Replaced since last survey.	GOOD
Holding tank			
	Location:	Beneath forward berth.	
	Make:	Ontario Yachts	
	Material:	Fibreglass.	GOOD
Discharge piping:		Hose.	GOOD
Discharge fitting:		Port side deck	

PROPANE SYSTEM

Tanks:		Provision for two, one seen.	GOOD.
Location:		Locker in cockpit with side access hatch. FAIR – Design is side loaded which is not in accordance with current ABYC standards.	
Regulator:		Yes	
Pressure gauge:		Yes	
Shut-off –			
	solenoid remote:	Yes	
	Manual:	Yes	
Hoses:		GOOD	
LPG sensor:		Yes. Not tested. Should be tested annually.	

GALLEY OUTFIT

Sink:	s/s, shallow. FAIR
Oven & Range:	Force 10 propane. GOOD
Refrigerator:	Ice box. GOOD

PROTECTIVE COATINGS & COSMETICS

Gel coat generally with a high gloss.
Bottom paint fresh. GOOD

LININGS

GOOD

DECK COVERINGS

None.

AWNINGS, SCREENS & COVERS

Dodger and Bimini. GOOD

SOFT FURNISHINGS

Minor wear and tear. FAIR

MISCELLANEOUS EQUIPMENT

Steel cradle. GOOD

FIRE & SAFETY EQUIPMENT

Liferings:	Yes, not aboard at time of inspection.	
Heaving line:	Yes	
PFDs:	Several assorted types.	
Flares:	Not required for current operating zone.	
Waterproof flashlight:	Not noted	
Fire fighting:	Two 2A 10BC plus one 1A 5BC.	
Emergency bilge pump:	Manual. Whale fitted at cockpit.	GOOD
Gasoline fume detector:	No. Not required.	
CO detector:	Yes.	
Propane detector:	Yes.	

DOCUMENTATION (Certificates, manuals etc)

Comprehensive set.

GENERAL COMMENT

Very clean and meticulously maintained.

INSURABILITY

The vessel as seen, remains suitable for its designed purpose, subject to Recommendations in [] being implemented.

VALUATION

Fair Market Value as inspected: In the range of \$ 44,000 to \$ 48,000
Valuation based upon prevailing local market, vessel condition and outfit
Fair Market Value does not include GST (Goods and Services Tax) or HST (Harmonized Sales Tax)

SAFETY DEFICIENCIES & RECOMMENDATIONS

None

SURVEYOR'S ADDITIONAL RECOMMENDATIONS

Refer to Condition assessments rated as FAIR to see comments.