

HULL AND CONDITION SURVEY

“ARC-EN-CEIL”



ROYAL FRESHWATER BAY YACHT CLUB

25TH OCTOBER 2023

N. CONSTANTINE

25TH October 2023

HULL AND CONDITION SURVEY REPORT

“ARC-EN-CEIL”

THIS IS TO CERTIFY THAT the undersigned surveyor attended on this day at Royal Freshwater Bay Yacht Club to conduct a Survey and Inspection of the vessel to determine the external/internal hull condition, general overall condition, seaworthiness and structural integrity only, whilst on the hard stand and we can report as follows:

VESSEL DESCRIPTION:

A 36 foot fly bridge cruiser designed and built by Precision Marine. The hull and super structure are constructed by Fibreglass / GRP. It has a single hard chine, raked stem, flat transom and twin inboard diesel engines.

NAME	:	ARC-EN-CEIL
REGISTRY	:	79739
H.I.N.	:	AU-TWA067050CN1
LENGTH OA	:	10.98m
YEAR OF BUILD	:	1986
MODEL	:	Precision 36
HULL FORM	:	Mono
CONSTRUCTION	:	Fibreglass / GRP
ENGINE MAKE	:	Volvo 40E 230hp

The following photographs were taken whilst the vessel was out of the water and on the hard stand for the duration of the inspection and survey.



Figure 1 – Port side aft quarter



Figure 2 – Starboard side aft quarter

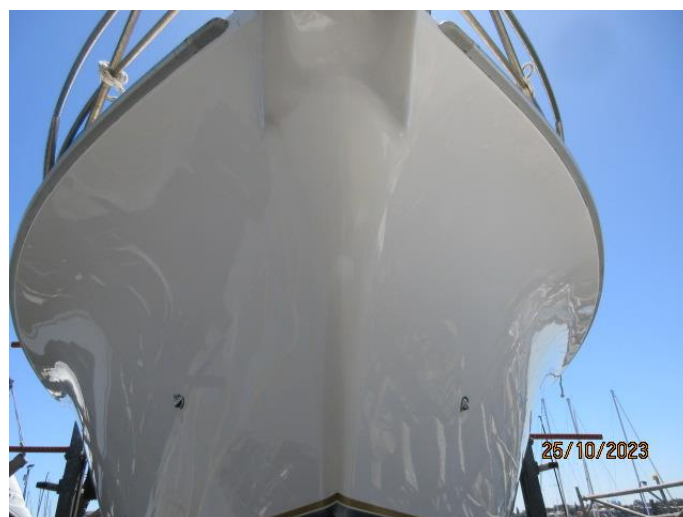


Figure 3 – Bow



Figure 4 – Stem



Figure 5 – Stern



Figure 6 – Hull port side



Figure 7 – Hull port side



Figure 8 – Hull starboard side



Figure 9 – Hull starboard side



Figure 10 – Port side propeller / rudder



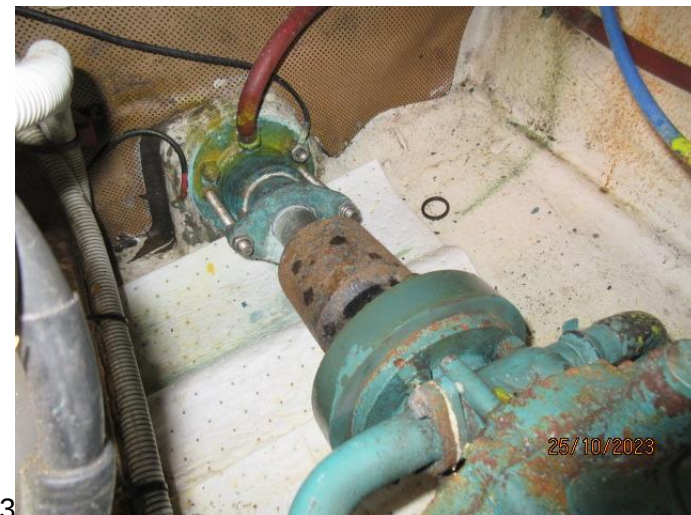
Figure 11 – Starboard side propeller / rudder



Figure 12 – Port side engine



Figure 13 – Starboard side engine



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Figure 14 – Port side stern gland

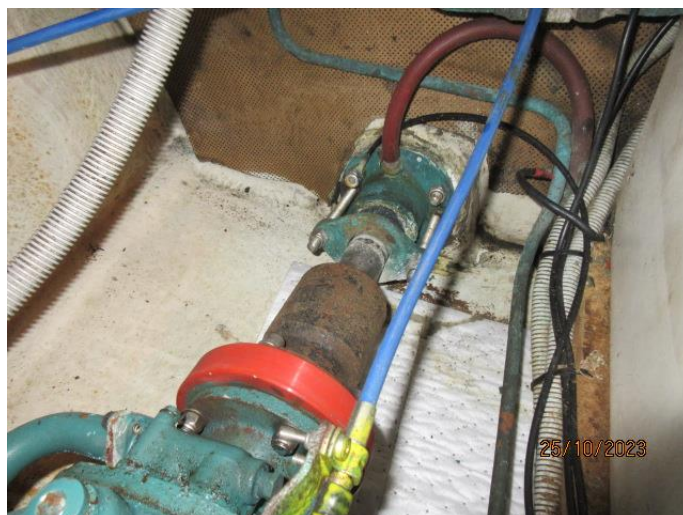


Figure 15 – Starboard side stern gland



Figure 16 – Battery bank



Figure 17 – Steering linkage



Figure 18 – Flybridge helm



Figure 19 - Cabin



Figure 20 – Galley



Figure 21 – Dinette



Figure 22 – Lounge



Figure 23 – Toilet



Figure 24 – Master Suite



Figure 25 – Chain locker



Figure 26 – Fore deck



Figure 27 – Aft deck

HULL AND CONDITION SURVEY

1.0 UNDERWATER HULL AND TOPSIDES

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
1.1	Anti-fouling Coatings	X				X	In good condition. New application to be applied
1.2	Paint Coatings	X				X	In good condition with some minor areas peeling
1.3	Gel Coat	X				X	In good condition with some minor chipping topsides
1.4	General Structure	X				X	Very sound and structural
1.5	Surface underwater	X				X	In apparent good order and condition
1.6	Surface above water	X				X	In apparent good order and condition
1.7	Osmosis	X				X	None detected
1.8	Degradation	X				X	None evident
1.9	Keel	X				X	In apparent good order
1.10	Keel Bolts						N/A
1.11	Transom	X				X	In apparent good condition
1.12	Cockpit						N/A
1.13	Cockpit drains						N/A
1.14	Stem	X				X	In apparent good order
1.15	Rudder	X				X	In good order and condition
1.16	Rudder mounts	X				X	Firm and secure
1.17	Propeller/s	X				X	Full bodied no apparent pitting or wastage
1.18	Shaft	X				X	In apparent good order and condition
1.19	Skeg						N/A
1.20	Caulking						N/A
1.21	Rot						N/A
1.22	Planking/ply panels topsides & strakes	X				X	In apparent good order and condition

2.0 INTERIOR STRUCTURE

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
2.1	Weather deck hatches	X				X	In good order with no water ingress noted
2.2	Coach house						N/A
2.3	Portholes						N/A
2.4	Windows	X				X	In good order with no water ingress noted
2.5	Deck	X				X	In good condition with some minor areas peeling
2.6	Forward bulkheads	X				X	In good apparent condition
2.7	Engine room bulkheads	X				X	In good order and no stress fractures noted
2.8	Transom bulkhead	X				X	In apparent good condition
2.9	Lazarette bulkhead	X				X	In apparent good order
2.10	Engine bed frames	X				X	In good condition with no stress cracking noted
2.11	Transverse webs & frames	X				X	In good sound condition
2.12	Engine room, aft void, and bilges	X				X	In good order, condition and dry.
2.13	Stern gland/s	X				X	In apparent good order
2.14	Skin fittings	X				X	In apparent good order and condition
2.15	Sea cocks	X				X	In apparent good order and condition
2.16	Interior fittings	X				X	Well maintained
2.17	Steering linkage	X				X	In good order with no apparent play.
2.18	Rudder stock bearing	X				X	In apparent good order
2.19	Auxiliary steering						N/A
2.20	Deck head linings	X				X	In good condition
2.21	Toilet	X				X	In apparent good order but not tested.

3.0 MOTOR INSTALLATION/CONDITION

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
3.1	Installation	X				X	In apparent good order and condition. Well maintained
3.2	Controls	X				X	In apparent good order
3.3	Exhaust	X				X	In apparent good order
3.4	Fuel lines/fittings	X				X	In apparent good order and condition
3.5	Fuel tanks	X				X	In apparent good condition
3.6	Filler	X				X	In apparent good order
3.7	Venting	X				X	In apparent good order
3.8	Connection & lines	X				X	In apparent good order with no leakages noted
3.9	Electrical harness	X				X	In apparent good order
3.10	Electrical fitting	X				X	In apparent good order
3.11	Stove						Gas type but Owner advises disconnected and not used.
3.12	Gas bottles Comp plate:						
3.13	Connection & lines						
3.14	Position						
3.15	Venting						
3.16	Gas detector						
3.17	Batteries	X				X	In good condition
3.18	Mounting	X				X	Firm and secure
3.19	Bilge pump - manual						N/A
3.20	Bilge pump - electric	X				X	In apparent good order

4.0 SAFETY EQUIPMENT

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
5.1	Anchor & warp	X				X	In good order and condition
5.2	Flares	X				X	Sighted and current until 2026.
5.3	Fire extinguishers	X				X	Numerous positioned throughout the boat
5.4	Spotlight						
5.5	Lifejackets	X				X	In good condition and numerous
4.6	Navigation lights	X				X	In good order with no cracked lenses
5.7	Pulpits	X				X	Firm and secure
5.8	Pushpits						
5.9	Stanchions/lifelines	X				X	Firm and secure

5.0 EXTERIOR STRUCTURES

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
6.1	After deck canopy	X				X	In good condition
6.2	Bulwark lockers	X				X	In good order
6.3	Bulwark shelving						N/A
6.4	Marlin board	X				X	Firm and secure
6.5	Swim ladder	X				X	In good order and stainless steel
6.6	Fly bridge canopy	X				X	In good condition
6.7	Deck gel coatings	X				X	In good condition with minor areas of scuffing/peeling
6.8	Deck seams	X				X	In apparent good order
6.9	Bits & cleats	X				X	In apparent good order
6.10	Chain locker & bulkhead	X				X	In good order with no apparent cracking
6.11	Bowsprit/fairlead	X				X	Firm, secure and in apparent good order

6.0 NAVIGATION AND COMMUNICATION

No.	ITEM	GOOD	FAIR	POOR	DEFECT YES	DEFECT NO	REMARKS
7.1	VHF RADIO	X				X	GME G.COM
7.2	27MHZ RADIO						
7.3	LOUDHAILER						
7.4	COMPASS	X				X	PLASTIMO magnetic type
7.5	SOUNDER	X				X	NAVMAN Fish4500
7.6	RADAR						
7.7	GPS/PLOTTER						
7.8	AUTO PILOT						
7.9	LOG						
7.10	EPRIB	X				X	mounted in Saloon area

7.0 GENERAL REMARKS

Following our inspection of the vessel "ARC-EN-CIEL" whilst out of the water, all accessible areas to the internal and external hull were inspected on the hard stand with all areas noted to be in apparent good structural order and condition at the time of survey.

The vessel was originally built to survey, for the Americas Cup race.

The owner advised that the gas stove is disconnected and never used. No gas bottle was installed/connected or in place for the stove at the time of the survey.

It was noted that the PLASTIMO compass on the fly bridge was not functional.

8.0 CONCLUSION

From our attendance, inspection and survey of the vessel "ARC-EN-CIEL", it is the view and opinion of the undersigned that she is in a good state of maintenance throughout. She is structurally sound and well found vessel.

9.0 WAVIER

We have not inspected the structures or parts of the structures which remain unexposed, inaccessible or covered and therefore we are unable to report on these structures which remain unexposed or inaccessible. Machinery, electrical, tanks and lines, gas installations, ancillary equipment and safety gear are inspected as seen in position without dismantling or testing.

This report does not comment on main and/or auxiliary machinery and advice must be sought from consultants.

This report is solely for the use of the insurance company or underwriter to assist as to the condition of the vessel for Comprehensive Insurance purposes. It has not been prepared or designed as a Pre-purchase Inspection Report.

This report is given in good faith without prejudice or bias with no warranties implied or given.

**FOR AND ON BEHALF OF
ORAM - MARITIME SURVEY SERVICES**



Kevin Jones