

STEEL YACHT.

SEP 12 1938

No. 4272

State if Report is also sent on the Machinery of the Vessel *Yes*
Port of *PLYMOUTH* Date of completion of Report *10th Sept 1938* Received at London Office
Survey held at *PLYMOUTH* Date of First Survey *September 29/34* Last Survey *August 18* 1938
On the *Campeador V* motor yacht

GENERAL DIMENSIONS.

Length Registered *120.1*
Length Overall *126.0*
Length on Water Line *120.0*
Breadth Registered *20.0*
Depth Registered *8.0*
Headroom *6'-8"*
Draft Maximum *8'-0"*

CLASS *100.A.1.*

FEET.

Half Breadth (extreme) *10'-0"*Depth from top of Keel, or bottom of Ballast Keel, to top of Upper Deck Beam at side *11.42*Transverse Numeral $\left(\frac{B}{2} + D\right)$ *21.42*

REGISTERED TONNAGE.

Under deck *14.06*
Gross *195.90*
Net *144.96*

Correction for Transverse Numeral—Rules, Sec. 13, Clauses 3 and 5

Corrected Transverse Number *21.42*Length from fore side of Stem to after side of Stern-post on Deck *120.1*Breadth, Extreme *20.0*Tonnage, Thames Measurement *212.04*

(L + B) × B × D

Official Number *166754*Signal Letters *UL*Number of Masts *2*Length from fore side of Stem to afterside of Stern or Counter—Rules, Sec. 13, clause 1 *126.0*Longitudinal Numeral $L \left(\frac{B}{2} + D\right)$ *2664*

Correction for Longitudinal Numeral—Rules, Sec. 13, Clauses 4 and 5

Corrected Longitudinal Numeral *2664*Built at *Dartmouth*When built *1938-8*Launched *16th June 1938*By whom built *Philip & Son Ltd.*Owner *Vernon W. MacAndrew*Residence *Ravenbury*Port belonging to *Dartmouth*If Surveyed while Building, Afloat, or in Dry Dock *Building*Designer *Norman Hart*Sailmaker *✓*

FRAMING.

In Yacht.

Inches.

Departure from Rules or Approved Plans.

Frames, Angles, or Bulb Angles *Angles 3 3 30 As approved*Spacing of Frames, heel to heel *18*Reversed Frames, Angles *2 1/2 2 1/2 20 ✓*Diameter and spacing of rivets through frames and shell amidships *1/2" - 3 1/2"*Rivets—Iron or Steel *Steel ✓*Framing in way of Masts *as above ✓*Web Frames, number, breadth and thickness *none ✓*Face Angle *25 ✓*Floors, thickness *30 ✓*in way of Engines *15 1/2 ✓*Boilers *✓*depth at centre, if straight on upper edge *✓*if extended up the bilge *✓*

Double Bottom, Centre Girder, depth and thickness

Top Angles *✓*Bottom Angles *✓*

Margin Plate, depth and thickness

Angle to outside plating *✓*Brackets *✓*Floors *✓*Frames *✓*Reverse Frames *✓*Inner Bottom, middle line strake *✓*thickness in Holds *✓*

Additional Scantlings—Sections 17 to 21—

are Rules complied with? *✓*

KEELSONS AND STRINGERS.

In Yacht.

Inches.

Departure from Rules or Approved Plans.

Centre Line Keelson, Angle or Bulb angles on top of Floors *6 1/2 3 36 ✓*Plate *6 AND 5 1/2 ✓*Foundation Plate *✓*Angles to Keel *✓*to Floors *✓*Side Keelson, Angles *✓*Intercostal Plate *✓*Side Stringer, Angles *✓*Intercostal Plate *✓*

BEAMS.

In Yacht.

Inches.

Departure from Rules or Approved Plans.

Beams, Upper Deck, Angle or Bulb Angle *5' 3 38 As approved*Spacing *18 ✓*Cabin Deck, Angle or Bulb Angle *3 2 1/2 25 ✓*Spacing *18 ✓*Second Deck, Angle or Bulb Angle *3 2 1/2 25 ✓*Spacing *18 ✓*Pillars to Upper Deck Beams, size and spacing *3 x 1 bars Surveyors Satisfaction ✓*Cabin Deck Beams *every 3rd frame 2 1/2 2 1/2 25 ✓*Second Deck *Planked plates 25 x 2 ✓*

DECKS.

In Yacht.

Inches.

Departure from Rules or Approved Plans.

Upper Deck Stringer Plate, amidships *50 26 As approved*at ends *17 24-21 ✓*Angle amidships *4 3 30 ✓*at ends *4 3 30 ✓*Tie plates, Fore-and-aft *full plate 26-21 ✓*Diagonal, No. of pairs *✓*Wood Deck, Material *Borneo white 2 3/4 ✓*Cabin Deck Stringer Plate *17 x 21 As approved ✓*Angles *2 1/2 2 1/2 21 ✓*Second Deck Stringer Plate *17 x 21 ✓*Angles *2 1/2 2 1/2 1/4 ✓*

BULKHEADS.

In Yacht.

Inches.

Departure from Rules or Approved Plans.

W.T. Bulkheads, No. for record in Y. Reg. *5 ✓*Thickness of plating *20-30 ✓*Stiffeners, Spacing *20 4 3 30 ✓*

FORGINGS AND CASTINGS.		In Yacht.	Departure from Rules or Approved Plans.	STEEL.
Bar Keel	Forging Cast Steel	6 x 1 3/4 thick	Approved	Manufacturer's name or trade mark of the Iron or Steel used in the construction of the Yacht (state process of manufacture). Guest, Leen Baldwins, Port Yacht Works, Shymingrove S.S. Works Dorman Jan 16 Brodine Ham S. Co. Ltd. - Open Heart Process. Stern Frame, Rudder Frame & Stem by S.A. Forges Dimes et Fonderies Ham-S. Pierez. A brackets & Rudder Stock Post by. Kryn & Lamy Ltd. ✓ Has the Steel been tested as required by the Rules. Yes. ✓
Stem				
Stern Frame	Propeller Post			
	Rudder	6 x 1	✓	
Rudder diameter of Main	Stock	4 1/4	✓	
" " " " "	at Head		✓	
" " " Pintle	heel	2 5/8	✓	
" Thickness of Double Single Plate		26	✓	
" How constructed	Cast Steel		✓	

SHELL PLATING.

PLATING.					RIVETING.											
STRAKES.	AS IN YACHT.				DEPARTURE FROM RULES OR APPROVED PLANS.	EDGES.				BUTTS.						
	AMIDSHIP.		FORWARD.	AFT.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAKES.		WRAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or. to or.		Diam.	Spacing or. to or.	Breadth.	Thick-ness.		Breadth.
Beam Keel	6	1 1/4			Approved	Recessed		3/4	3/4							
FLAT PLATE KEEL (If Bar Keel, state Riveting)						DOUBLE IN WAY OF F.W. TANKS AND ELSWHERE	2 1/2	1/2	2 1/4		1/2	2 1/4	6 1/2	3/4		
GARBOARD STRAKE	31	30	30	30	Approved	DITTO	2 1/2	1/2	2 1/4		1/2	2 1/4	6 1/2	3/4		
BOTTOM AND BILGE PLATING (No. of Strakes)	50/42	30	30	30	"		2 1/2	1/2	2 1/4		1/2	2 1/4	6 1/2	3/4		
SIDE (No. of Strakes)	43	30	30	30	"	STRAPPED	5	2	1/2	2 1/4		1/2	2 1/4	4	30	
PROPELLER BOSS PLATING		30			"	STRAPPED	5	2	1/2	2 1/4						
UPPER DECK SHEER STRAKE	40	40	30	30	"	STRAPPED	5	2	1/2	2 1/4		1/2	2 1/4	4	30	
SUPERSTRUCTURE PLATING																

EQUIPMENT No.

LETTER

ANCHORS.

No. of Certificate.	ANCHORS.	Weight, ex Stock.			Weight of Stock.			Test, per Certificate.			Weight required by Table 21 or 43.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
5133Y	Bower	4	1	16	1	0	12	6	15	0	0	4	0	14	Nicholson's Pat.	B. Hingley & Sons	Cradley Heath 18-2-38 Paul
5133Q	"	4	1	8	Stockless			6	15	0	0	4	0	14	Stockless	"	" " " " " " " "
	Stream	1	3	0	1	26	4	4	1	14	1	2	0	Nicholson's Pat.	"	" " " " " " " "	
	Kedge	* Cast Steel	2	2	6	Drop Head											22/12/37 J. Dale ✓

CHAIN CABLES.

HAWSERS.

No. of Certificate.	Length and size supplied.		Test per Certificate.		Weight of Chain Cable.		Length and size, Table 21 or 43.		Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size, Table 21 or 43.	
	Length.	Diam.	Proof.	Break- ing.	Supplied.	Per Table 21 or 43.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
56482	110 5/8	1 3/16	11852	14.8	41-1-0				Stud Link B. Hingley & Sons	Cradley H. 12-2-38 Paul		TOWLINE Hemp	45	6 1/2	✓	45	6 1/2
56483	110 5/8	1 3/16	11852	14.8	40-1-6				"	" " " " " "		HAWSERS and WARPS Hemp	45	4	✓	45	6 1/2
Stream Chain or Steel Wire																	

Masts and Spars ✓

Standing and Running Rigging ✓

Sails ✓

Steering Gear. Type Hand self holding type and iron Yiller

Steering Chains 3" links 2 3/4 broad W. Yest op 20lb. tested to 4 tons 12c. 29lb. Cal. No 39541 Cradley H. 14-2-38

Boats 20'-6" and 14'-6" motor launches.

Windlass Lawrence & Scott Electromotors Capstan Electric & Hand

Pumps Hand pump to forepeak.

Coamings, Skylights & Companions—State whether strong and efficient, and properly protected Strong and properly protected ✓

FOR PHILIP & SON, LIMITED.

Builder's Signature

John Hunter

MANAGING DIRECTOR.

Lloyd's Register Foundation

General Declaration and Remarks.

This Vessel has been built under Special Survey in accordance with the Rules and Approved Plans and Correspondence. The materials and Workmanship are good and the required tests Satisfactory. The Vessel is eligible in my opinion to be classed with the record of $\frac{1}{2}$ 100 A.1. in the Yacht Register.

Plans enclosed "as built": General Steel Work Plan, Ballast, H.W. + O.F. Tank, fore & aft, Shell Expansion, Stem bar, Midship Section, Engine seating, Scantling Section, Stem Frame & Rudder, Stern Casting. 1/2
Marelli Echo Sounding Device fitted.
Permanent Ballast 11 1/2 tons of cement punchings and 2 1/2 tons of iron pigs.

PARTICULARS OF FRESH WATER OR BALLAST TANKS AND OIL FUEL TANKS.

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
able bottom, aft, Fresh water tank D.T.	18.0	6.5	Fore peak tank, none		
able bottom, under Engines, fore & aft of E.R.	4.5	15.25	After peak tank, none		
able bottom, under Boilers, OIL FUEL	6.0	5.9	Deep tank, aft, none		
able bottom, forward, Fresh Water Tank D.T.	6.0	5.9	Deep tank, forward, none		
Total capacity 15.25 tons fuel 12.4 tons fresh water					

* The wells are not to be included in the lengths of the tanks.

(If necessary, furnish further information by sketch.)

PARTICULARS FOR RECORD in the YACHT REGISTER BOOK.—Length of Poop \checkmark ft., or R.Q.D. \checkmark ft., Bridge Dk. \checkmark ft., Forecastle 52.5 ft. (in feet and tenths) where the Bridge is joined to the Poop or Forecastle this should be distinctly stated \checkmark

and Material of Decks and whether wholly or partially covered with wood (this information is to be given as it should appear in the Yacht Register Book)

one deck wholly covered with wood

Official No. 166754 Signal Letters

How is the steel protected? Painted with paint and cemented.

for Special Survey, No. 246
Date 23rd Aug. 1937
847 in Builder's Yard.
Dates of Surveys held while building:
1937 Sept. 29, Oct. 14, 21, 29, Nov. 2, Dec. 1, 3, 15, 1938 Jan. 3, 12, 20, 27, Feb. 4, 10, 22, Apr. 4, 15, 28, April 8, 20, 26, 29, May 6, 12, 20, 30, June 13, 16, 23, July 1, 4, 13, Aug. 3, 8, 11, 18.
Total No. of Visits 36.

for Special Survey.....£ 42: 0: 0 15th Sep 1938

I am of opinion this Vessel should be classed $\frac{1}{2}$ 100 A.1. \checkmark

Travelling Expenses, if any...£ 10: 2: 0 1/11 1938 M.R. 2/11

Signature: Thomas Miller

whether the Vessel has been built under Special Survey

built under Special Survey \checkmark

Surveyor to Lloyd's Register of Shipping.

ificate to be sent to

PLYMOUTH.

Date of issue

Committee's Minute

TUE 20 SEP 1938

Character assigned +100A1(Steel) in Y.R.

+L.L.C. 8.38

La + CP

O.G. S(B) Oil Eng.

CERTIFICATE WRITTEN

Write by

The Surveyors are requested not to write on or below the Committee's Minute.



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