

STEEL YACHT.

State if Report is also sent on the Machinery of the Vessel *Yes*
 Port of *Glasgow* Date of completion of Report *11th March 1905* Received at London Office *11th March 1905*
 Survey held at *Glasgow* Date of First Survey *11th April 1904* Last Survey *6th March 1905*

On the *Steel Twin Screw Turbine Yacht "NARCISSUS"*

REGISTERED DIMENSIONS.
 Length *222.7*
 Breadth *27.7*
 Depth *15.4*

REGISTERED TONNAGE.
 Under deck *568.69*
 Gross *659.51*
 Net *229.50*

Length from fore side of Stem to after side of Stern-post on Deck *220.5*

Breadth, Extreme *27.7*
 Tonnage, Thames Measurement *787*
 (L² - B²) × B² × 1/4 B²

Official Number

Signal Letters

Rig *Schooner*

Number of Masts *Two*

CLASS *+100A.1 in yacht reg.*

Half Breadth (moulded) *13.75*

Depth from top of Keel to top of Upper Deck Beams at centre (with the normal round up of Beam) *16.82*

Half Midship Girth outside of frames from centre line at top of Keel to top of beam at side *25.99*

Twice Bilge Diagonal from top of Upper Deck Beam at centre to the moulding edge of Frames (as per Rule) *36.00*

Transverse Number *92.56*

Length from outside of Stem to outside of Sternpost or Counter at 15 of Rule depth below top of Beams at centre *218.5*

Longitudinal Number when the proportion of Length to Depth does not exceed seven... *20224.36*

Proportion—Length to Depth *14.2:9.8 = 1.598*

Longitudinal Number when the proportion of Length to Depth exceeds seven... *32317.9*

Built at *Glasgow*

When built *1904+1905*

Launched *20th Dec 1904*

By whom built *The Fairfield S.B. & Co. Ltd*

Owner *M^r E. M. Mundy*

Residence *Derby*

Port belonging to *Southampton*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Designer *The Fairfield S.B. & Co. Ltd*

Sailmaker *Lapthorn & Ratsey*

| FRAMING. | In Yacht. | | | Required per Rule or as approved. | | |
|---|-----------|-------|------------|-----------------------------------|-------|--------|
| | Ins. | Ins. | 20ths. | Ins. | Ins. | 20ths. |
| Frames, Angles, for 3/4 length amidships | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| " " " 1/2 " at ends if reduced | | | | | | |
| Spacing of Frames, heel to heel | | 22 | | | 22 | |
| Reversed Frames, Angles | 2 1/2 | 2 1/2 | 5 | 2 1/2 | 2 1/2 | 5 |
| Floors, thickness for 1/2 length amidship | | | 6 | | | 6 |
| " " in way of Engines | | | 7 | | | 7 |
| " " " Boilers | | | 8 | | | 8 |
| " " at ends of Vessel | | | 5 | | | 5 |
| " depth at centre, if straight on upper edge. | | | | | | |
| " " if extended up the bilge... | | 16 | | | 16 | |
| Double Bottom, Centre Girder, depth and thickness | | | | | | |
| " " Angles to Top of Centre Girder... | | | | | | |
| " " " Bottom " " " | | | | | | |
| " " Side Girders, Floors and Brackets | | | | | | |
| " " " Angles | | | | | | |
| " " Margin Plate, depth and thickness | | | | | | |
| " " " Angle to outside plating... | | | | | | |
| " " Floors | | | | | | |
| " " " in way of Boilers | | | | | | |
| " " Frames and Reversed Frames | | | | | | |
| " " Inner Bottom, middle line strake... | | | | | | |
| " " " thickness in Engine space | | | | | | |
| " " " Boiler space... | | | | | | |
| " " " Holds | | | | | | |
| Beams, Upper Deck, Angle, Bulb Plate, or Bulb Tee | 6 | 4 1/2 | 8 | 6 | 4 1/2 | 8 |
| " " " Angles to Bulb Plate | | | | | | |
| " " " Spacing | | 44 | | | 44 | |
| " Cabin Sole, Angle, Bulb Plate, or Bulb Tee | 5 | 3 | 9 | 5 | 3 | 9 |
| " " " Angles to Bulb Plate | | | | | | |
| " " " Spacing | | 44 | | | 44 | |
| Columns to Upper Deck Beams, size and spacing | 2 3/4 | 5 1/4 | 3" x 1 1/2 | 44" | | |
| " Cabin Sole Beams | 3 1/4 | 4 1/4 | 44" | | | |
| Web Frames, No. and spacing | | | | | | |
| " Breadth and thickness | 17 | | 7 | 17 | | 7 |

| BULKHEADS. | In Yacht. | | | Required per Rule or as approved. | | |
|---|-----------|------|--------|-----------------------------------|-------|--------|
| | Ins. | Ins. | 20ths. | Ins. | Ins. | 20ths. |
| W.T. Bulkheads, No. for record in Y. Reg. | | Six | | | Four | |
| " " Thickness of plating | | | 5 | | | 5 |
| " " Stiffeners, size | 3 1/2 | 3 | 6 | 2 1/2 | 2 1/2 | 5 |
| " " spacing | | 22 | | | 22 | |

| FORGINGS AND CASTINGS. | In Yacht. | | | Required per Rule or as approved. | | |
|---|----------------------------------|---------|--------|-----------------------------------|---------|--------|
| | Inches. | Inches. | 20ths. | Inches. | Inches. | 20ths. |
| Keel (Bar or Side Plates) | 7 x 1 3/8 | | | 7 x 1 3/8 | | |
| Stem | 7 x 1 3/8 | 6 5/8 | 1 3/8 | | | |
| Stern-post, without aperture | 7 x 2 1/8 | | | 7 x 2 1/8 | | |
| Stern and Propeller post, with aperture | 10 x 1 9/8 | | | | | |
| Rudder, diameter of Head and Main piece | 5 1/2 | 6 | 5 1/2 | 5 1/2 | 6 | 5 1/2 |
| " " Pintles | 4 | | | 4 | | |
| " Thickness of Plate or Plates | 16/20 | | | 16/20 | | |
| " How constructed | Forged Steel Frame, Single Plate | | | | | |

| KEELSONS AND STRINGERS. | In Yacht. | | | Required per Rule or as approved. | | |
|--|-----------|-------|---------------|-----------------------------------|-------|---------------|
| | Ins. | Ins. | 20ths. | Ins. | Ins. | 20ths. |
| Centre Line Keelson, Vertical Plate or Bulb on top of Floors | 15 | | 10-8 | 13 | | 10-8 |
| " Intercoastal Plate | | | 9 | | | 9 |
| " Rider Plate | 8 | | 10-8 | 8 | | 10-8 |
| " Angles | 3 1/2 | 3 1/2 | 8-7 | 3 1/2 | 3 1/2 | 8-7 |
| Side Keelson, Angles | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 |
| " Intercoastal Plate | | | 7 | | | 7 |
| Bilge Keelson, Angles | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 |
| " Intercoastal Plate | | | | | | |
| Bilge Stringer, Angles | | | | | | |
| " Intercoastal Plate | | | | | | |
| Side Stringer, Angles | | | 8 1/2 x 3 1/2 | | | 7 1/2 x 3 1/2 |
| " Intercoastal Plate | | | 17 1/2 | | | 5 x 3 x 1/2 |

| DECKS. | In Yacht. | | Required per Rule or as approved. | |
|--|---------------|-------------------------|-----------------------------------|--------|
| | Inches. | 20ths. | Inches. | 20ths. |
| Upper Deck Stringer Plate, breadth and thickness | 4 1/2 | 8 | 4 1/2 | 8 |
| " " " Angle | 3 1/2 x 3 1/2 | 8 | 3 1/2 x 3 1/2 | 8 |
| " " Tie plates, Fore-and-aft | 10 | 8 | 10 | 8 |
| " " " Diagonal, No. of pairs | 4/20 | plating in E.V.B. space | | |
| " Wood Deck, Material & thickness | Y.P. | 3 1/4 | 3 1/4 | |
| Cabin Sole Stringer Plate, breadth and thickness | 17 | 7-6 | 17 | 7-6 |
| " " " Angles | 3 1/2 x 3 1/2 | 7 | 3 1/2 x 3 1/2 | 7 |

State whether Framing and Plating are of Iron or Steel *Steel*

Manufacturer's name or trade mark of the Iron or Steel used for Frames, Floors, Beams

Keelsons, Tie and Stringer Plates, outside Plating, &c.?

Steel Co. of Scotland, Lanarkshire
Steel Co. Ltd, Clydebridge Steel Co.
D. Colville & Co. Ltd, Beardmore & Co.

State process of manufacture of Steel *Siemens process*

Has the Steel been tested as required by the Rules *Yes*

YACHT.

| STRAKES. | PLATING. | | | | RIVETING. | | | | | | | | | |
|-------------------------|-------------|------------|------------|------------|--------------------------|------------|----------------------|-----------------|---------|-------------------|------------|------------|------------|------------------|
| | AS IN SHIP. | | | | PER RULE OR AS APPROVED. | | EDGES. | | BUTTS. | | IF LAPPED. | | | |
| | AMIDSHIP. | | FORWARD. | | AMIDSHIP. | | Ordinary or Joggled? | | RIVETS. | | STRAPS. | | IF LAPPED. | |
| | Breadth. | Thickness. | Thickness. | Thickness. | Breadth. | Thickness. | Single or Double. | Breadth of Lap. | Diam. | Spacing or to CE. | Breadth. | Thickness. | Breadth. | For what Length. |
| FLAT PLATE KEEL..... | Bar Keel | | | | | | Ruled | 1 | 5 | | | | | |
| GARBOARD OR A Strake... | 45 | 9 | 9 | 9 | 45 | 9 | double | 4 1/2 | 3/4 | 3 1/2 | double | 3/4 | 2 1/2 | 9 1/2 10 |
| B " | | 9 | 8 | 8 | | 9 | " | " | " | " | " | " | 10 | |
| C " | | 8 | 7 | 7 | | 8 | " | " | " | " | " | " | 9 | |
| D " | | 9 | 8 | 8 | | 9 | " | " | " | " | " | " | 10 | |
| E " | | 8 | 7 | 7 | | 8 | " | " | " | " | " | " | 9 | |
| F " | | 9 | 8 | 8 | | 9 | " | " | " | " | " | " | 10 | |
| G " | | 8 | 7 | 7 | | 8 | " | 5 1/2 | 7/8 | 3 1/2 | " | " | 9 | |
| Sheer H " | 46 | 11 | 8 | 8 | 45 | 11 | | | | | Half L | 7/8 | 3 1/2 | 16 3/4 13 |
| J " | | | | | | | | | | | | | | |
| K " | | | | | | | | | | | | | | |
| L " | | | | | | | | | | | | | | |
| M " | | | | | | | | | | | | | | |

Lengths of Plating 9 frame spaces
 Main Stringer Plate Butts, treble riveted for half length amidship.
 Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? 5/8
 Inner Bottom Plating, riveting of Edges Butts
 Centre Girder Butts, riveted. Keelson Butts, treble riveted.
 Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/2 apart.
 Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Middle line to Rail & Main BT alternately state if ordinary or joggled Ordinary
 REVERSED FRAMES on floors and frames extend from Middle line to Main BT & to abain state if ordinary or joggled Ordinary
 Sole stringer angle alternately, double across floors in 6 ft space

MASTS, SPARS, &c.

| | Material. | Total length. | DIAMETER AND THICKNESS. | | | | No. of Plates in round. | ANGLES. | | RIVETING. | |
|-------|-----------|---------------|-------------------------|-------|---------|-------|-------------------------|---------|-------|-----------|--------|
| | | | At Partners. | Heel. | Hounds. | Head. | | Number. | Size. | Seams. | Butts. |
| Fore | P. Pine | 84' 0" | 16 | | 14 | 7 | | | | | |
| Main | P. Pine | 87' 6" | 16 | | 14 | 7 | | | | | |
| Mizen | | | | | | | | | | | |

Bowsprit P. Pine 28' 3" x 12" 6 8"

Topmasts, Yards and Remainder of Spars

Standing and Running Rigging are sufficient in size and good in quality Shrouds 2 1/2 stays 3' 9" all steel wire

Sails One suit of Sails, and the following spare sails Two storm topsails

Boats 2 Cutters, 1 4 ft, 1 dinghy, 2 steam Launches

Windlass, Maker's name J. Reid & Sons Capstan J. Reid & Sons Pumps 3 1/2" Stone's Navy Pump.

Coamings, Skylights and Companions—State whether strong and efficient, and properly protected The coamings to skylights and companions are of Teak. Brass guards are fitted over glass to skylights, they are strong & efficient

EQUIPMENT No. 21979 LETTER

ANCHORS.

| No. of Certificate. | ANCHORS. | Weight, ex Stock. | | | Weight of Stock. | | | Test, per Certificate. | | | Weight required by Table 23. | | | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
|---------------------|----------|-------------------|------|------|------------------|------|------|------------------------|-------|------|------------------------------|-------|------|------------------------|--------------------|---|
| | | Owts. | qrs. | lbs. | Owts. | qrs. | lbs. | Tons. | Owts. | qrs. | lbs. | Owts. | qrs. | lbs. | | |
| 51842 | Bower | 15 | 3 | 19 | 3 | 3 | 9 | 17 | 7 | 2 | 0 | 15 | 3 | 0 | Thomas & Nicholson | Not stated |
| 51815 | " | 15 | 3 | 5 | 3 | 2 | 22 | 17 | 5 | 1 | 7 | 15 | 3 | 0 | Thomas & Nicholson | 15/6/04 Green |
| 51814 | " | 16 | 0 | 17 | 3 | 0 | 10 | 17 | 11 | 3 | 14 | 15 | 3 | 0 | Thomas & Nicholson | 14/6/04 |
| 51844 | Stream | 5 | 0 | 12 | 1 | 1 | 8 | 7 | 9 | 2 | 21 | 5 | 0 | 0 | Thomas & Nicholson | 14/6/04 |
| 51861 | Kedge | 2 | 2 | 3 | 0 | 2 | 13 | 5 | 2 | 2 | 0 | 2 | 2 | 0 | do | 16/6/04 Badley |

CHAIN CABLES.

| No. of Certificate. | Length and size supplied. | | Test per Certificate. | | Weight of Chain Cable. | | Length and size per Table 21 or 25. | | Description. | Makers of Cables. | When and where tested and Superintendent. |
|---------------------|---------------------------|-------|-----------------------|-------------|------------------------|---------------------|-------------------------------------|-------|--------------|-------------------|---|
| | Length. | Diam. | Proof. | Break- ing. | Supplied. | Per Table 21 or 25. | Length. | Diam. | | | |
| 37285 | 105 | 1 1/8 | 34 | 51 | 101.3.7 | 203.0.18 | 210 | 1 1/8 | Steel | Hingley & Sons | 15/6/04 Green |
| 37286 | 106 | 1 1/8 | " | " | 102.1.19 | 203.0.18 | 210 | 1 1/8 | " | " | " |
| Stream Chain | 60 1/2 | 1 1/8 | 17 1/2 | 17 1/2 | 20.3.7 | 20.1.11 | 60 | 1 1/8 | " | " | 17/5/04 |

HAWSERS.

| No. of Certificate. | Length and size supplied. | | Breaking Test of Steel Wire Towline. | Length and size per Table 24 or 25. | |
|---------------------|---------------------------|-------|--------------------------------------|-------------------------------------|-------|
| | Length. | Cir. | | Length. | Cir. |
| TOWLINE | 90 | 9 | | 90 | 9 |
| WARP | 90 | 5 1/2 | | 90 | 5 1/2 |

General quality of Workmanship Workmanship good

We certify that the above is a correct description of the several particulars therein given.
 THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO. LIMITED.
 Surveyor's Signature J.D. Mares.
 Builder's Signature J.D. Mares.
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)
 EN 4/1/04, 25/1/04, 2/5/04, 4/5/04 E 5/5/04

Workmanship. Are the butts of plating planed or otherwise fitted? Planed

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? a few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

General Remarks (State quality of workmanship, &c.) Workmanship good.

This steel screw turbine yacht has been built in accordance with the approved plans, the Secretary's letters of above dates and in general conformity to the Rules for the Class contemplated.

7 Plans
 3 Reports on ship fittings & castings.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the YACHT REGISTER BOOK.

Length of Poop ft., R.Q.D. or Break ft., Bridge Dk. ft.,
 Deck F'castle 17 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Yacht Register Book) 2 DTD

Official No. : Signal Letters State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Paint & Cement Outside Paint

PARTICULARS OF WATER BALLAST.

State whether the Double bottom is constructed on the cellular system

| Where fitted. | Length. | Water Capacity. | Where fitted. | Length. | Water Capacity. |
|---|---------|-----------------|------------------------------------|---------|-----------------|
| Feet. | Tons. | Feet. | Tons. | | |
| Double bottom, aft, | | | Fore peak tank, | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward | | |
| Double bottom, forward, | | | Other tanks, if fitted, Freshwater | | 19 |

Total capacity (If necessary, furnish further information by sketch.) State whether the above have been tested as required by the Rules yes

Order for Special Survey, No. 819

Date 5.3.04

No. 437 in Builder's Yard.

Total No. of Visits 61.

Fees applied for, Fee for Special Survey £ 44 : 13 MAR 1905

Travelling Expenses, if any... £ : Received by me, 16/3/05

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be classed +100A in Yacht Register

Committee's Minute Glasgow 13 MAR 1905

Character assigned +100A (Steel) in Yacht Register. Lloyd's R.C.P.

When fee is paid

Null Certificate WRITTEN 7.3.05

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

