

WRECK SECTION

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT. APR. 26 1924

Date of completion of report 24th April 1924
Survey held at Haverton Hill on Dec

Port of Middlesbrough

Date, First Survey 12th November 1923 Last Survey 14th April 1924

On the (State if Single, Twin or Triple Screw) S.S. "MARTINHOE"

Rig Fair A.

TONNAGE under 1140.24

Tonnage Deck 1140.24

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge TRUNK 30.42

Do. of Forecastle BREAK 267.95

Do. of Houses on Dk. 48.52

Do. of excess of Hatchways 60.01

Do. above Crown of Engine Room

Gross Tonnage 1547.14

Less Crew Space 51.2

Less above Crown of Engine Room

TONNAGE FOR FEES..

Engine Room 495.08

Navigation Spaces 91.65

Net Tonnage 909.21

Net on Beam

Length 245

Breadth 38

Depth 15.5

Dimensions of Ship per Register, Length 245.4 breadth 38.65 depth 15.5

FRAMING.

NAME, Angle, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

ing of Frames from centre to centre amidships

" " from 1/2 length to Collision bulkhead

" " in peaks.

ERSED FRAME, Angles

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

MING, depth of girder

ORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

ORS in Cell. Double Bottoms (Forward)

state if flanged (top & bottom)

Spacing of Solid floors

TRE GIRDER, in Dbl. bottom, dpth. & thcknss.

" " Angle, Top

" " " Bottom

" " " (Double) Transverse

" " " to Floors

Brackets at intermdt. frmg., wdth & thcknss

E GIRDERS, number on each side & thickness

" " state if flanged (top and bottom)

" " Angle (top and bottom)

" " " to Floors

RGIN PLATE, depth (exclusive of flange) and thickness

" " Angle to Outside Plating

" " " Floors

Brackets at intermdt. frmg., wdth & thcknss

Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake

" " in Engine and Boiler space

" " Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " In way of Long Bridge

" " Spacing

BEAMS, Second Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Spacing

BEAMS, Third and Fourth Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

CLASS 100 A1

Breadth (greatest moulded) 38.5

Depth, at middle of length from top of keel to top of upper deck beams at side

First Long Transverse Number (L x D) 4288

Length from fore part of stem to after part of stern post

SECOND Longitudinal Number L (B + D) 13720

Depth "d," at middle of length (See Secs. 2 & 13)

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

" " Long Bridge Deck Beam at side to top of keel

Destined Voyage

If Surveyed while Building Afloat, in Dry Dock

Top of Floors to top of Upper Dk. Beams

Do. do. do. do. Second Dk. Beams

Moulded depth, ft. 17 ins. 6

Moulded depth, ft. 21 ins. 9

No. of Decks with flat laid one

No. of Tiers of Beams

FRAMING.

NAME, Angle, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

ing of Frames from centre to centre amidships

" " from 1/2 length to Collision bulkhead

" " in peaks.

ERSED FRAME, Angles

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

MING, depth of girder

ORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

ORS in Cell. Double Bottoms (Forward)

state if flanged (top & bottom)

Spacing of Solid floors

TRE GIRDER, in Dbl. bottom, dpth. & thcknss.

" " Angle, Top

" " " Bottom

" " " (Double) Transverse

" " " to Floors

Brackets at intermdt. frmg., wdth & thcknss

E GIRDERS, number on each side & thickness

" " state if flanged (top and bottom)

" " Angle (top and bottom)

" " " to Floors

RGIN PLATE, depth (exclusive of flange) and thickness

" " Angle to Outside Plating

" " " Floors

Brackets at intermdt. frmg., wdth & thcknss

Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake

" " in Engine and Boiler space

" " Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " In way of Long Bridge

" " Spacing

BEAMS, Second Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Spacing

BEAMS, Third and Fourth Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

Built at Haverton Hill on Dec

When built 1924 Launched 5th March '24

By whom built Furness Ship & Coy Ltd

Owners E. J. Laidley

Managers

Residence London

Port belonging to London

Destined Voyage

If Surveyed while Building Afloat, in Dry Dock

Top of Floors to top of Upper Dk. Beams

Do. do. do. do. Second Dk. Beams

Moulded depth, ft. 17 ins. 6

Moulded depth, ft. 21 ins. 9

No. of Decks with flat laid one

No. of Tiers of Beams

FRAMING.

NAME, Angle, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

ing of Frames from centre to centre amidships

" " from 1/2 length to Collision bulkhead

" " in peaks.

ERSED FRAME, Angles

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

MING, depth of girder

ORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

ORS in Cell. Double Bottoms (Forward)

state if flanged (top & bottom)

Spacing of Solid floors

TRE GIRDER, in Dbl. bottom, dpth. & thcknss.

" " Angle, Top

" " " Bottom

" " " (Double) Transverse

" " " to Floors

Brackets at intermdt. frmg., wdth & thcknss

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" " state if flanged (top and bottom)

" " Angle (top and bottom)

" " " to Floors

RGIN PLATE, depth (exclusive of flange) and thickness

" " Angle to Outside Plating

" " " Floors

Brackets at intermdt. frmg., wdth & thcknss

Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake

" " in Engine and Boiler space

" " Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " In way of Long Bridge

" " Spacing

BEAMS, Second Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Spacing

BEAMS, Third and Fourth Deck, Single Angle, Bulb

" " Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

" " Spacing

Built at Haverton Hill on Dec

When built 1924 Launched 5th March '24

By whom built Furness Ship & Coy Ltd

Owners E. J. Laidley

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness No. of Side Stringers WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness WEB-FRAMES, In After Body, No. and spacing brdth. & thickness No. of Side Stringers Size of Face Angles to Web-Frames BRACKET PLATES to Stringers between Web Frames, depth and thickness

BULKHEADS. Total No. of W.T. BULKHEADS. In Ship Per Rule SCANTLINGS MIDSHIP BHDS. COLLISION AFT PEAK PARTITION LONGITUDINAL STIFFENERS. Single or Double Frames Height up, state deck. RUDDER, how constructed Thickness of Single Plate Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Straps, Plating, &c. Has the Steel been tested as required by the Rules?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. EDGES, Ordinary or joggled? BUTTS. Rivets. Double or Treble and for what Length. Rivets. Straps. IF LA. Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter. THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel Sheerstrakes Length and thickness. POOP SIDES SHORT BRIDGE SIDES FORECASTLE SIDES

Upper Deck Stringer Plate Butts, riveted for length amidship. Raised Quarter Deck Stringer Plate Butts, riveted for full length amidship. Butts of Side Stringers Tie Plates Inner Bottom Plating, riveting of Edges Centre Girder Butts, riveted. Keelson Butts, riveted. Frames, riveted through Plates with Rivets, state whether Iron or Steel. FRAMES extend in one length from REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen Bowsprit Topmasts, Yards and Remainder of Spars Rigging, Material and Size, Shrouds Sails. Suit of Sails, and the following spare sails.

Form No. 1A.

11910.

PARTICULARS OF LONGITUDINAL FRAMING

In way of double bottom and Decks only

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng. Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.			Number.	Diameter. Inches.
Bridge 'tween Decks ...																
Uppermost Continuous																
IF LA																
adth.																
ches.																
2"																
5 1/2"																
Framing from Awning, Shelter or Upper Deck to Margin Plate.																
No. 1																
" 2																
" 3																
" 4																
" 5																
" 6																
" 7																
" 8																
" 9																
" 10																
" 11																
" 12																
" 13																
" 14																
" 15																
" 16																
Amidships																
At Ends																
Tank Top Longitudinals	7	3	.36				7	3	.36				3/4	4 1/2"	throughout.	✓
Bottom	8	3	.38				8	3	.38				"	3 1/2"	"	✓
Longitudinals																
Amidships			36"						36"							
At Ends...																
Transverses.																
Depth and Thickness																
Face Angles																
Lugs to Shell*																
Depth and Thickness																
Face Angles																
Lugs to Shell*																
Depth and Thickness																
Face Angles																
Lugs to Shell*																
Brackets																
Transverse Frames																
if joggled or liners.																
Bridge Deck																
RAISED Q. DW	56	3	.36				56	3	.36				4 5/8"	36"	Transverse	10x40 3/4x3/4x50 10x4 3/4x3/4x50
Avg. or Shld. Pl.	62	3	.30				62	3	.30				do		Beams.	Deep Bts Deep Bts
Upper	64	3	.30				64	3	.30							
Second																
Third																

Particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

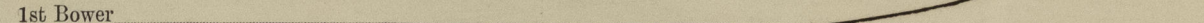
Character assigned

Lloyd's Register Foundation

0165 3

Particulars of **Drop Test** of
Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
Test.

1st Bower
2nd „
3rd „
4th „



ts 2 Lifeboats 19'-0" and 1 Dinghy 12'-0"
 ps, Number ✓
 dlass is Steam (Clarke Chapman)
 ine Room Skylights.—How constructed? Steel plates and angles What arrangements for deadlights in bad weather? Bulls eyes.
 l Bunker Openings.—How constructed? Steel plate angles How are lids secured? Bolted down Height above deck? 2'-10"
 ber of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2 upper; 3 Raised Quash Deck; 3 at upper 3'-6" x 18"; 8 R.A.D. 3'-6" x 18" (P.S.)
 ing in Holds, thickness and material none except at Bilges
 go Hatchways.—How formed? Steel plates and angles
 size No. 1 Hatch (Forward) 29'-2" x 25'-0" No. 2 Hatch 34'-7" x 25'-6" No. 3 Hatch 29'-3" x 25'-6" No. 4 Hatch 29'-3" x 22'-0"
 ber of Web Plates, Shifting Beams and Fore and Afters to each Hatch 10 1, 3 and 4 Hatches 5 each in No. 2 6 web
 u will 53" x 30
 marks, height above deck and description at R.A.D. 43" x 26
 foregoing is a correct description
 der's Signature (here only) J. M. Gouven
 Steering Gear, Steam Lynn Sunderland Steering Gear, Hand Yes.
 Diameter of Barrel ✓ State whether they are in efficient working order ✓
 Steam Winches (Rogers)
 Cargo Battens, thickness and material none fitted.
 Hatches, If strong and efficient? Yes.
 No. of Breasthooks on Main Rail, material and size 6 3 1/2 x 4 0 5 steel.
 Surveyor's Signature R. Fairley
 Surveyor to Lloyd's Register of Shipping.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed
 Are the riveted work properly closed? Yes
 Are the liners between the frames and plates solid single pieces? Joggled plating 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 ^{drilled or} 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
 Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests satisfactory
 Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests satisfactory
 General Remarks (State quality of workmanship, &c.) Good.

This vessel has been built in accordance with the approved plans, the Secy's letters of the above dates and in general conformity with the Revised Rules for the class contemplated. Steering gear, winches and windlass tried and found working satisfactorily. Steering gear chain tested and certificate endorsed.

The approved plans (10 in number) and 2 forging certificates together with Profile, deck plans and midship section of vessel-as built-are forwarded herewith.

It is requested that the approved plans be returned to this office for use in dealing with the Sister vessels being built at this port. ✓

amount of Entry Fee £ 5 : 0 : 0
Special Survey Fee.... £ 152 : 7 : 0
FREEBOARD
~~Travelling Expenses, if any~~ £ 6 : 0 : 0

Fees applied for,
25 4 1924
Received by me,
3/3/24

Hull Certificate to be sent to
Enchy " " "

Date of issue } 6/5/24
M. J. Fairley
Belfast

whether the Vessel has been built under Special Survey
of opinion this Vessel should be Classed ☒ 100A ☐ 100B
h, or without Freeboard, as condition of Class With int Freeboard.

R. Fairley
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned

100-1
Cargo bays not fixed
Lloyd asst. P. H. H.
Wings H. H.
" H. H.

0165 2/3

GENERAL REMARKS—

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. **187.5** ft., Bridge ☒ ft., Forecastle **2** ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) **one steel deck**

Official No. **147614**. : Signal Letters **—** State if Machinery is fitted aft **no**
If bottom of Vessel has been coated Inside **Cement washes** Outside **Yes** give particulars of paint or other composition **Berg's wide paint inside on**
Cement filler in keel
Cement under bulk space

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system. **Yes.**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	47.25	132	Fore peak tank,	14.0	
Double bottom, under Engines and Boilers,	24.75	70	After peak tank,	10.0	
Double bottom, if under Engines only,	—	—	Deep tank, aft,	33.75	
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward,	103.5	255	Other tanks, if fitted,	<input checked="" type="checkbox"/>	
	Total capacity of double bottom	467	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. **178.5**

State whether the above have been tested as required by the Rules **Yes.**

Order for Special Survey No. **1372**

Date **16. 11. 23.**

No. **59.** in builder's yard.

DATES OF SURVEYS held while building

1923, Nov. 12, 14, 16, 19, 22, 23, 26, 27, 29, 30, Dec 3, 4, 6, 10, 11, 13, 14, 17, 18, 19, 20, 28. (1924) Jan 3, 4, 11, 14, 16, 17, 18, 23, 27, 28, 29, 30, 31, Feb 1, 4, 5, 6, 7, 8, 12, 13, 14, 15, 19, 21, 22, 25, 26, 29, Mar 3, 4, 5, 7, 10, 20, 24, 27, 28, 30, Apr 1, 3, 8, 10, 11.

Surveyor's Signature

R. Fairley

Lloyd's Register Foundation