

1 or 2 Decks. IRON and STEEL STEAMER.

Received at London Office,

MON. 12 SEP 1892

State of Report is also sent on the Machinery of the Vessel

Date of completion of Report 31 August 1892 Port of Glasgow

No. 11450 Survey held at Bowling Date, First Survey 6 May 1892 Last Survey 30 August 1892

On the "Baw" Flower Rig Ketch

TONNAGE under Tonnage Deck... 127.40

ONE OR TWO DECKED VESSEL.

Master Miller

Do. of Poop 15.53

CLASS Local

Year of appointment (1) As master in service of owner of present vessel - 1892 (2) As master of this vessel - 1892

Do. of Raised Or. Bk. or Break. 4.44

Half Breadth (moulded) 10.00

Built at Bowling

Do. of Bridge House 2.38

Depth from upper part of Keel to top of Main Deck Bms. 10.00

When built 1892

Launched 22 August 1892

Do. of Houses on Deck 8.36

Girth of Half Midship Frame (as per Rule) 17.01

By whom built Scott & Son

Do. of Access of Hatchways 9.29

1st Number 27.09

Owners John Milne & Son

Do. of Forecastle 168.03

Length 64

Managers

Gross Tonnage 168.03

2nd Number 2940

(Where necessary to be entered in Reg. Book).

Less Crew Space 15.68

Proportions—Breadths to Length

Residence Montrose

Less above Crown of Engine Room 9.29

Depths to Length—Main Deck to top of Keel 10.00

Port belonging to Glasgow

TONNAGE FOR FEES 142.96

Destined Voyage Coastwise Surveyed while Building Afloat, or in Dry Dock

Less Engine Room 87.20

Less Navigation Spaces 3.48

Register Tonnage 61.64

as cut on Beam

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH Top of Floors to Main Deck Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
104	0		20	0		9	1 1/2		30		1	1

Dimensions of Ship per Register, Length, 105.2 breadth, 10.15 depth, 8.95 Moulded Depth, ft. 9 ins. 6 Round of Beam 7 inches.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

FRAMING.

FRAME, Angles, or Bars, for length amidships

Do. for 1/2 at each end

Do. in way of Double Bottoms

Distance of Frames from moulding edge to moulding edge, all fore and aft

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

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

height extended at the Bilges

FLOORS & BRACKETS, in C&D Bottoms

Distance apart

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top Bottom

SIDE GIRDERS, number and thickness

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and thickness

of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

AMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Peep Deck, Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

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

Angles on Upper Edge

Average space

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

Angles on Upper Edge

Average space

CLARS, In 'tween Decks, Size and Spacing

Hold

FRAMES, In Fore Body, No. and Spacing

Breadth & Thickness

No. of Side Stringers

FRAMES, In After Body, No. and Spacing

Breadth & Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

BRIGHT PLATES to Stringers between Web Frames, Depth and Thickness

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate, Intercoastal Keelson

Horizontal Plate on Floor

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for about 3/4 length

Attached to outside plating with Angle

BILGE KEELSON, Angles, Bulb, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE STRINGER, Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate for

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth & thknss

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms. No. of Pairs

Flat of Dk* Iron or Steel for whole lng.

Wood Material & thickness

How fastened to Beams. Ratchet

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck, Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Peep Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

Bridge Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

Forecastle Deck Stringer Plate, brdth & thknss

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

PLATING.

FLAT PLATE KEEL, breadth and thickness

Plating or increased thickness, & length appl.

PLATES in Garboard Strakes, brdth & thickness

From Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom.

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness, and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk & lng. applied

Peep Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating

11750 geo

Order for Special Survey No. 2588
Date 8th March 1892
Order for Ordinary Survey No. ✓
Date ✓
No. 95 in builder's yard
DATES of Surveys held while building as per Section 18.
1st. On the several parts of the frame, when in place, and before the plating was wrought May 6. 12. 16. 20. 24. 26
2nd. On the plating during the process of riveting June 2. 10. 12. 21. 28
3rd. When the beams were in and fastened, and before the decks were laid July 5. 12. 26. 28
4th. When the ship was complete, and before the plating was finally coated or cemented Aug 2. 11. 15. 18. 26. 29
5th. After the ship was launched and equipped
Total No. of Visits 21

State dates and initials of letters respecting this case 18/5/92 21/4/92
General Remarks (State quality of workmanship, &c.)

This is a well deck screw steamer, built with iron framing and steel plating in accordance with the approved plans, attached hereto, and with the Rules generally.

In addition to the Rule requirements the side and bridge keelsons are made specially strong and two strakes of bottom plating are increased $\frac{1}{2}$ in thickness in order to provide for the stresses encountered when loading and discharging on the ground.

The materials and workmanship are good.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. or Break 27 ft., Bridge Dk. 7 ft., F'castle 16½ 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 Register Book) 12th iron
Official No. ; Signal Letters

PARTICULARS OF WATER BALLAST.—

Double bottom, aft, length ✓ and water capacity in tons ✓ Double bottom, forward, length ✓ and water capacity in tons ✓
Double bottom, under engines and boilers, length ✓ and water capacity in tons ✓ If under Engines only, or Boilers only, state which —
Double bottom, constructed on the cellular system, length ✓ and water capacity in tons —
Fore peak tank, water capacity in tons 15 After peak tank, water capacity in tons ✓
Midship deep tank, length ✓ and water capacity in tons ✓ Other tanks, if fitted, length ✓ and water capacity in tons ✓
The above have been tested as required by the Rules.
(If necessary, furnish further information by sketch.)

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

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated no further assigned.

State if marked on Vessel's sides in accordance with Notice No. 572

	ft.	ins.
In Summer		
In Winter		
For Winter in North Atlantic		
Fresh Water above the centre of disc		

To top of Wood, Iron or Steel Upper Deck.

The amount of Entry Fee..... £ 1 : : : is received by me, 3/9/1892
Special ... £ 4 : 3 : :
Certificate* £ : : :
Travelling Expenses, if any £ : : :
I am of opinion this Vessel should be Classed 100 A 1

*Certificate to be sent to Glasgow

C. Hearle

Committee's Minute
Character assigned

TUES. 13 SEP 1892

Steel plating & iron framing
10th (Iron)
Well deck.

Surveyor to Lloyd's Register of British and Foreign Shipping.

This vessel appears to have been built in accordance with the Rules submitted that she is eligible to be classed 100 A 1 as recommended.

100 A 1 "Steel plating & iron framing"
1 BR (Iron) "Well deck"
N. B. = F.P.T. 156.

Lloyd's Register
Foundation

GLS166-0055(212)