

2 Dks., R.O.Dk.,  
Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 8868  
TUES. 4 OCT 1898

Received at London Office

OCT 1898

State if Report is also sent on the Machinery of the Vessel. *Yes*

Port of *Leith* 1898

Date of completion of Report *3rd Oct. 1898*

Last Survey *30th Sept.*

Date, First Survey *8th Dec. 1897*

Rig *Schooner*

Master *J. Grant*

Year of appointment *1898*

Survey held at *Kinghorn*  
the *Steel* *Screw* *Steamer* *"May"*  
NAME under *938.70*  
Poop *313.47*  
of Raised Gr. *✓*  
of Break... *✓*  
of Bridge House *✓*  
of Forecastle *37.00*  
of Houses on Deck *82.45*  
of excess of Hatchways *7.27*  
above Crown of *35.94*  
Engine Room *1414.83*  
ss Tonnage *77.43*  
Crew Space *113.37*  
above Crown of *1301.46*  
Engine Room *507.59*  
Navigation Spaces *15.52*  
Register Tonnage *814.29*  
cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS *100 A1*

Half Breadth (moulded) *17*  
Depth from upper part of Keel to top of Main Deck Bms. *18.45*  
Girth of Half Midship Frame (as per Rule) *30.75*  
1st Number *66.20*  
Length on deck from after part of stem to fore part of stern post *235.6*  
2nd Number *15594*  
Proportions—Breadths to Length *6.93*  
Depths to Length—Main Deck to top of Keel *12.76*

Built at *Kinghorn*  
When built *1898* Launched *28th Sept. 1898*  
By whom built *J. Scott & Co.*  
Owners *Bailey & Leitham, (Lm<sup>d</sup>)*  
Managers *Hull*  
Residence *Hull*  
Port belonging to *Hull*

Destined Voyage *Hull*

If Surveyed while Building, Afloat, or in Dry Dock Building Afloat  
No. of Decks with Flat laid *One*  
No. of Tiers of Beams *Two*  
Round of Beam, Actual *8 1/2* ins.

DEPTH, ACTUAL—  
Top of Floors to top of Main Deck Beams *16* ft. *9 1/2* ins.  
Moulded Depth, *17* ft. *9* ins.

BREADTH—  
Moulded *34* ft. *0* ins.  
depth, *16.7*

Dimensions of Ship per Register, Length, *237.5* breadth, *34.15*

FRAMING.

FRAME, Angles, *7* or *8* Bars, for  $\frac{1}{2}$  length *4* *3* *7* *4* *3* *7*

Do. for  $\frac{1}{2}$  at each end *4* *3* *6* *4* *3* *6*

Do. in way of Double Bottoms at Solid Floors.

Distance of Frames from moulding edge to moulding edge, all fore and aft *23*

REVERSED FRAME, Angles *3* *3* *7* *3* *3* *7*

DEEP FRAMING, depth of girder *20* *8* *20* *8*

FLOORS, depth and thickness of Floor Plate *9x10* *9x10*

at mid-line for  $\frac{1}{2}$  length amidships *7* *7*

in way of Engines and Boilers *11* *10*

thickness at the ends of vessel *40* *40*

depth at  $\frac{1}{2}$  the half breadth, as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in *Cell Dble Bottoms*

Distance apart

CENTRE GIRDER, in Double Bottom, depth and thickness

Angles, Top

Bottom

SIDE GIRDERS, number on each side & thickness

Angles

MARGIN PLATE, depth (exclusive of flange) and thickness

Angles to Outside Plating

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

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

Angles on Upper Edge

Average space

BEAMS, Bridge or Pt. Awng. 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

PILLARS, In 'tween Decks, Size and Spacing

Hold

Quarter, 'tween Dks.

in Hold

WEB FRAMES, In Fore Body, No. and Spacing

Brth. & Thickness

No. of Side Stringers

WEB FRAMES, In E. & B. Space, No. & Spacing

Brth. & Thickness

WEB FRAMES, In After Body, No. and Spacing

Brth. & Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness *8 x 15*  
STEM, moulding and thickness *7 1/2 x 2 3/8*  
STERN-POST for Rudder do. do. *8 x 4 3/4*  
for Propeller *6 1/4*  
MAIN PIECE of Rudder, diameter at head *5 1/2*  
do. at heel

RUDDER, how constructed *Single Plate*  
Can the Rudder be unshipped afloat? *Yes*

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate *34* *10* *34* *10*  
Rider Plate *12* *10* *12* *10*  
Bulb Plate to Intercoastal Keelson *5* *3 1/2* *9* *5* *3 1/2* *9*  
Horizontal Plates on Floors *5* *3 1/2* *9* *5* *3 1/2* *9*  
Angles *5* *3 1/2* *9* *5* *3 1/2* *9*  
SIDE KEELSON, Angles *8* *8*  
Bulb or Plate above floors for *3* *3* *7* *3* *3* *7*  
Intercoastal Plate for *5* *3 1/2* *9* *5* *3 1/2* *9*  
Attached to outside plating with Angle *8* *8*  
BILGE KEELSON, Angles *5* *3 1/2* *9* *5* *3 1/2* *9*  
Bulb or Plate above floors for *34* len. *5* length  
Intercoastal Plate for *5* *3 1/2* *9* *5* *3 1/2* *9*  
Attached to outside plating with Angle *5* *3 1/2* *9* *5* *3 1/2* *9*  
BILGE STRINGER Angles *34* *10* *34* *10*  
Bulb Plate for *4 1/2 x 4 1/2* *9* *4 1/2 x 4 1/2* *9*  
Intercoastal Plate for *6* *6*  
Attached to outside plating with Angle *30* *8* *30* *8*  
Hold Stringer Plate *4 x 4 x* *8* *4 x 4 x* *8*  
Angles on ditto, No. 2 *24* *6* *24* *6*  
Poop Deck Stringer Plate, breadth & thickness *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Angle on ditto *9* *7* *9* *7*  
Tie Plates *3 1/2* *3 1/2*  
Deck, Material and thickness *9 Pine*  
Bridge Deck Stringer Plate, brth & thickness *3 1/2* *3 1/2*  
Angle on ditto *24* *6* *24* *6*  
Tie Plates *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Deck, Material and thickness *9* *7* *9* *7*  
Forecastle Deck Stringer Plate, brth & thcknss *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Angle on ditto *9* *7* *9* *7*  
Tie Plates *3 1/2* *3 1/2*  
Deck, Material and thickness *9 Pine*

Main and Raised Quarter Deck Stringer Plate, breadth and thickness *34* *10* *34* *10*  
Angle on ditto *4 1/2 x 4 1/2* *9* *4 1/2 x 4 1/2* *9*  
Tie Plates fore & aft, outside Hatchways *6* *6*  
Diagonal Tie Plates on Bms, No. of Pairs *6* *6*  
Main Dk\* Iron or Steel for *whole* lng. *6* *6*  
R.O. Dk\* Iron or Steel for *whole* lng. *6* *6*  
Wood Deck, Material & thickness *9 Pine*  
Lower Deck Stringer Plate, breadth and thickness *30* *8* *30* *8*  
Angles on ditto, No. *24* *6* *24* *6*  
Tie Plates *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Deck, Material and thickness *9 Pine*  
Bridge Deck Stringer Plate, brth & thickness *3 1/2* *3 1/2*  
Angle on ditto *24* *6* *24* *6*  
Tie Plates *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Deck, Material and thickness *9* *7* *9* *7*  
Forecastle Deck Stringer Plate, brth & thcknss *3 1/2 x 3* *7* *3 1/2 x 3* *7*  
Angle on ditto *9* *7* *9* *7*  
Tie Plates *3 1/2* *3 1/2*  
Deck, Material and thickness *9 Pine*

STIFFENERS.

Number.	In Vessel.	Per Rule.	Thickness.	Horizontal.		Vertical.		Single or Double Frames.	Height up.
				Size.	Spacing.	Size.	Spacing.		
BULKHEADS.				Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	<i>6</i>	<i>6</i>	<i>6</i>	<i>4 x 3 1/2</i>	<i>20</i>	<i>48</i>	<i>4 x 3 1/2</i>	<i>30</i>	<i>Double Upper Part</i>
PARTITION	<i>✓</i>								
LONGITUDINAL	<i>✓</i>								

Are the outside Plates doubled two spaces of Frames in length? *Yes*

Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*



PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. EDGES. BUTTS.

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 Stringer Plates, outside Plating, &c.?

FRAMES extend in one length from keel to gunwale

REVERSED FRAMES on floors and frames extend from middle line to main deck & top of hold stringer angle alternately.

MASTS, SPARS, &c.

EQUIPMENT No. 17543 LETTER 0

TONNAGE FOR TRAWLERS ANCHORS.

CHAIN CABLES.

HAWSERS AND WARPS.

Boats 2 life boats, 2 cutter & 2 dingy

Pumps, Number 3 of 2 1/2" & 1 of 2" tail pipe

Windlass is Emerson, Walker & Thompson's Iron Patent Capstan

Engine Room Skylights.—How constructed? Deck with bulwarks in cover, bolted to iron beamings

Coal Bunker Openings.—How constructed? Iron beamings

Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side in well 1 scupper & 3 ports 3 1/2" x 1' 6"

Ceiling in Holds, thickness and material 2 1/2" pitch pine

Cargo Hatchways.—How formed? Steel beamings

State size No. 1 Hatch (Forward) 13' 5" x 10' 0"

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. 1 has bulb shifting beam & 1 wood fore & after; No. 2—2 deep web & 3 fore & after

Bulwarks, height above deck and description 7 ft. of 2" steel

The above is a correct description.

Builder's Signature (here only) John Scott & Co

Surveyor's Signature H. Paulsen

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)

1897: 7th & 17th Decrs.—1898: 28th Jan. 21st Feb. 17th May

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & lapped except garb plates & cheestake.

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? No

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. 23, par 24)? Yes

State results of tests they are watertight

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Yes

State results of tests 50 50

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

This vessel is built in accordance with the approved plan of Midship section forwarded to the Secretary on the 29th Sept. '98, and in conformity with the Rules.

Approved plans of Profile, Pumping arrangement, Deep waterballast tank, arrangement of Hatch over well are hereto attached.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 14 1/2 ft., R.Q.D. or Break ft., Bridge Dk. ft., F'castle 62 ft.

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) 1 BR. (Steel); 2 tiers of beams.

Official No. ; Signal Letters

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

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors No double bottom

Where fitted. Length. Water Capacity.

Double bottom, aft, 13 30

Double bottom, under Engines and Boilers, 9' 7" 140

Double bottom, if under Engines only,

Double bottom, if under Boilers only,

Double bottom, forward,

Order for Special Survey No. 703

Date 13th Decr. 1897

No. 103 in builder's yard

1897: Decr. 5. 30.

1898: Jan. 17. 24. 31; Feb. 4. 9. 14. 18. 25; March 3. 10. 16. 23. 31; April 6. 13. 19. 25; May 2. 9. 13. 20. 26; June 1. 7. 13. 20. 28; July 4. 8. 14. 20; Aug. 2. 6. 12. 19. 25; Sept. 12. 16. 22. 27. 30.

Total No. of Visits 43

The amount of Entry Fee £ 4

Special £ 57. 10. -

Certificate £ -

Travelling Expenses, if any £ 6. 18. -

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100A1 Steel, Hull BR.

With, or without Freeboard, as condition of Class

Committee's Minute

Character assigned 100A1 Steel

15th (pl.) 2 L & B

Wall & J. K.

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