

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 17666

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

Date of completion of Report 1st Feb'y 1900.

Received at London Office

THUR. FEB. 6 1900

Survey held at
On the

Ayr & Glasgow
S. S. Val de Travers

Date, First Survey 2nd May 1899

Port of Glasgow

Last Survey 27th Jan'y 1900

Rig Schooner, 3 masts,

Master William Jvey

Year of appointment (1) As master in service of
owner of present vessel: 1892
(2) As master of this
vessel: 1900

Built at Ayr

When built 1899-1900 Launched 16th Decr/99

By whom built Messrs J. M. Knight & Co.

Owners John Harrison

Managers

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

Residence 11 & 12 Great Tower Street
London E.C.

Port belonging to London & Glasgow

TONNAGE under

Tonnage Deck 546.24

Do. of Poop 104.41

Do. of Raised Or. 21.31

Do. of Bridge House 15.93

Do. of excess of Hatchways 26.96

Do. above Crown of 53.10

Engine Room 767.95

Room 49.80

FOR FEES 665.05

Room 431.52

ation Spaces 11.81

Tonnage 295.62

Beam ..

ONE OR TWO DECKED VESSEL.

CLASS 100A1

FEET.

Half Breadth (moulded) 15.25

Depth from upper part of Keel to top of Main Deck Bms. 14.625

Girth of Half Midship Frame (as per Rule) 27.00

1st Number 56.875

Length on deck from after part of stem to fore part of stern post 198.84

2nd Number 11309

Proportions—Breadths to Length 6.52

Depths to Length—Main Deck to top of Keel 13.6

Destined Voyage Coasting

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

on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
198	10		Moulded	30	6	Top of Floors to top of Main Deck Beams	11	10½	1
No. of Tiers of Beams 1									

of Ship per Register, Length, 200.0 breadth, 30.65 depth, 11.5. Moulded Depth, 14 ft. — ins. Round of Beam, Actual ½ ins.

Length, 200.0 breadth, 30.65 depth, 11.5 Moulded Depth, 14 ft. — ins. Round of Beam, Actual 7 1/2 ins.

FRAMING.

Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or 2	Inches per Rule Or 2	20ths per Rule Or 2
Angles, 7, 8 or 9 Bars, for 1 length amidships	3 1/2	3	6	3 1/2	3
1/2 at each end	3 1/2	3	5	3 1/2	3
Way of Double Bottoms at Solid Floors	3	3	6	3	3
" " at intermdt. Bkts.	—	—	—	—	—
of Frames from moulding edge to ing edge, all fore and aft	22	—	—	22	—
ED FRAME, Angles	3	2 1/2	5	3	2 1/2

Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or 2	Inches per Rule Or 2	20ths per Rule Or 2
FRAMING, depth of girder	—	—	—	—	—
depth and thickness of Floor Plate	16	—	7	16	—
mid-line for 1 length amidships	—	—	—	—	—
Way of Engines and Boilers	—	—	—	—	—
Thickness at the ends of vessel	—	—	—	—	—
pth at 1/2 the half breadth, as per Rule	11	—	—	8	—
Height extended at the Bilges	32	—	—	32	—

RS & BRACKETS, in Cell Dble Bottoms

Distance apart 22

GIRDER, in Double Bottom, depth and thickness 33

Angles, Top 3 1/2 3 1/2 7 3 1/2 3 1/2 7

" " Bottom 5 3 7 5 3 7

RDERS, number on each side & thickness 1

Angles 3 3 2 1/2 7 3 2 1/2 7

PLATE, depth (exclusive of flange) and thickness 4

Angles to Outside Plating 3 1/2 3 1/2 7 3 1/2 3 1/2 7

BOTTOM PLATING, breadth and thickness of Middle Line Strake 33

thickness in Engine and Boiler space 6

" Remainder in Holds 6

Main and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7

Angles on Upper Edge 22

Average space 22

Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 4

Angles on Upper Edge 4

Average space 44

Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb 4

Angles on Upper Edge 4

Average space 22

Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb 4

Angles on Upper Edge 4

Average space 22

In 'tween Decks, Size and Spacing 23 1/2

" Hold 23 1/2

Quarter, 'tween Dks., " 23 1/2

" " in Hold 23 1/2

FRAMES, In Fore Body, No. and Spacing 15

" " Brdth. & Thickness 15

WEB FRAMES, In E. & B. Space, No. & Spacing 15

" " Brdth. & Thickness 15

WEB FRAMES, In After Body, No. and Spacing 15

" " Brdth. & Thickness 15

" " No. of Side Stringers 15

" " Size of Angles or Tee Bars to Web Frames 4 1/2 3 1/2 7 4 1/2 3 1/2 7

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness

FORGINGS AND CASTINGS.

Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or 2	Inches per Rule Or 2	20ths per Rule Or 2
KEEL, Bar or Side Plates depth and thickness	—	—	—	—	—
STEM, moulding and thickness	7 x 2 1/8	—	—	7 x 2 1/8	—
STERN-POST for Rudder do. do.	7 x 4 1/4	—	—	7 x 4 1/4	—
" for Propeller	7 x 4 1/4	—	—	7 x 4 1/4	—
MAIN PIECE of Rudder, diameter at head	4 3/4	—	—	4 3/4	—
do. at heel	3 3/8 x 3 7/8	—	—	3 1/4 x 3 1/4	—

RUDDER, how constructed Forged frame and single plate 12" thick

Can the Rudder be unshipped afloat? 228

KEELSONS AND STRINGERS.

Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or 2	Inches per Rule Or 2	20ths per Rule Or 2
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	26	—	9	26	—
" Rider Plate	7	—	9	7	—
" Bulb Plate to Intercoastal Keelson	—	—	—	—	—
" Horizontal Plates on Floors	11	—	9	11	—
" Angles	4 1/2	3	7	4 1/2	3
SIDE KEELSON, Angles	4 1/2	3	7	4 1/2	3
" Bulb or Plate above floors for — lng	—	—	—	—	—
" Intercoastal Plate for — required length	—	—	—	—	—
" Attached to outside plating with Angle	3	2 1/2	7	3	2 1/2
BILGE KEELSON, Angles	4 1/2	3	7	4 1/2	3
" Bulb or Plate above floors for required length	—	—	—	—	—
" Intercoastal Plate for — required length	—	—	—	—	—
" Attached to outside plating with Angle	—	—	—	—	—
BILGE STRINGER Angles	4 1/2	3	7	4 1/2	3
" Bulb Plate for — length	—	—	—	—	—
" Intercoastal Plate for 1/2 length	—	—	—	—	—
" Attached to outside plating with Angle	3	3	6	3	3
SIDE STRINGER Angles 4 1/2	4 1/2	3	7	4 1/2	3
" Bulb or Intercoastal Plate for req? lng	12	—	7	12	—
" Attached to outside plating with Angle	3	3	6	3	3

Main and Raised Quarter Deck Stringer Plate, breadth and thickness 38

" Angle on ditto 3 1/2 3 1/2 7 3 1/2 3 1/2 7

" Tie Plates fore & aft, outside Hatchways

" Diagonal Tie Plates on Bms., No. of Pairs

" Main Dk* Iron or Steel for whole lng. 6-7

" R. Q. Dk* Iron or Steel for whole lng. 6-7

" Wood Deck, Material & thickness 6-7

Lower Deck Stringer Plate, breadth and thickness

" Angles on ditto, No.

" Tie Plates, outside Hatchways

" Deck* Material and thickness

Hold Stringer Plate

" Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

Bridge Deck Stringer Plate, brdth & thickness 48 16 24 6 24 6

" Angle on ditto 3 2 1/2 5 3 2 1/2 5

" Tie Plates 10 5 10 5

" Deck, Material and thickness 2 1/2 2 1/2

Forecastle Deck Stringer Plate, brdth & thickness 24 6 24 6

" Angle on ditto 3 2 1/2 5 3 2 1/2 5

" Tie Plates Plate, under windlass 5 1/2

" Deck, Material and thickness 5 1/2

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Size.	Spacing.		
W.T. BULKHEADS	3	3	6 1/2	3 1/2	3 1/2	40	3 1/2	30	Double R.Q.D.
PARTITION	—	—	—	—	—	—	—	—	—
LONGITUDINAL	—	—	—	—	—	—	—	—	—

Are the outside Plates doubled two spaces of Frames in length? 300 in some cases, rest diamond plates

Are the Sluice Valves and Watertight Doors in efficient working order? 228

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M. 8th Apr-199; 13th May-199 and F 6th July-199.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed where possible, hand fitted elsewhere.

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? in few cases at butts only.

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 Satisfactory.

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

State results of tests Satisfactory.

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

This steel screw steamer has been built in accordance with the Rules, and the accompanying tracings submitted and approved, please see Secretary's letters above referred to.

She is constructed with a raised quarter deck, bridge deck and top-gallant forecabin of the lengths shown below.

Is to carry waterballast in part double bottom and in the fore and after peaks.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. or Break 103.3 ft., Bridge Dk. 13 ft., F'castle 27 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

R.Q.D. is joined to B.D.

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) 104 Iron

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Cemented & coated with paint Outside coated with paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular system

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	—	—	Fore peak tank,	26.5	70
Double bottom, under Engines and Boilers,	—	—	After peak tank,	6.5	8
Double bottom, if under Engines only,	—	—	Midship deep tank,	—	—
Double bottom, if under Boilers only,	—	—	Other tanks, if fitted,	—	—
Double bottom, forward, in 3 Compartments 401.33-0-43 2.36.5-69 3 45.75-71	115.25	18.3	(If necessary, furnish further information by sketch.)	—	—

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

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

Order for Special Survey No. 33/3

Date 10/4/99

No. 58 in builder's yard

DATES of Surveys held while building

1899. May 2. 13. 22. 29. Jun 6. 12. 23. 30. July 3. 11. 24. Aug. 3. 19. 24. 29. Sept. 5. 7. 22. Oct. 2. 10. 21. Nov. 2. 28. Dec. 1. 4. 7. 1900 Jan. 3. 9. 15. 17. 23. 27.

Total No. of Visits 32

The amount of Entry Fee £

Special £

Certificate £

Travelling Expenses, if any £

Fees applied for,

Received by me,

* Certificate to be sent to

Glasgow

State whether the Vessel has been built under Special Survey yes.

I am of opinion this Vessel should be Classed 100 A 1 Steel "well dk"

With, or without Freeboard, as condition of Class without

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

Committee's Minute

Character assigned

FRI 9 FEB 1900

100 A 1 (SH)

A.R.P.

+ L.M.C. 1.00



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Lloyd's Register

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