

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

# IRON OR STEEL STEAMER.

No. 151903

State if Report is also sent on the Machinery of the Vessel. *Yes.*  
Date of completion of Report *3rd April 1903.*  
Date, First Survey *Oct. 31/02*

Received at London Office *8 APR 1903*

Port of *Hull*  
Last Survey *Mar. 31/03*  
Rig *Ketch*

Survey held at *Hoole*  
On the *S.S. Jackson*  
TONNAGE under Tonnage Deck... *212.65*  
Do. of Poop *15.14*  
Do. of Raised Qr. *8.03*  
Dk. or Break... *5.06*  
Do. of Bridge House... *9.61*  
Do. of Forecastle... *250.49*  
Do. of Houses on Deck... *21.13*  
Do. of excess of Hatchways... *9.61*  
Do. above Crown of Engine Room... *219.75*  
Gross Tonnage... *116.04*  
Less Crew Space... *6.46*  
Less above Crown of Engine Room...  
TONNAGE FOR FEES...  
Less Engine Room...  
Less Navigation Spaces...

ONE OR TWO DECKED VESSEL.  
CLASS *100 A*

Master *W. Edwards*  
Year of appointment *1899*  
(1) As master in service of owner of present vessel: *1899*  
(2) As master of this vessel: *1903*

Built at *Hoole*  
When built *1903* Launched *2nd Feb.*  
By whom built *Hoole Shipbuilding & Repairing Co. (Lim.)*  
Owners *Kelsall Bros. & Bucking (Lim.)*  
Managers *J. & A. Kelsall*  
(Where necessary to be entered in Reg. Book).  
Residence *Hull*

Half Breadth (moulded) *10.50*  
Depth from upper part of Keel to top of Main Deck Bms. *11.94*  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) *19.10*  
1st Number *41.54*  
Length on deck from after part of stem to fore part of stern post *128.87*  
2nd Number *5353*  
Proportions—Breadths to Length *6.13*  
Depths to Length—Main Deck to top of Keel *10.79*

Port belonging to *Hull*

Register Tonnage as cut on Beam... *106.86*

Destined Voyage *Fishing* *if Surveyed while Building (Afloat, or in Dry Dock)*

LENGTH on Deck as per Rule... *128* Feet. *10 1/2* Inches. BREADTH—Moulded... *21* Feet. *—* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... *10* Feet. *8* Inches. No. of Decks with Flat laid *One* No. of Tiers of Beams *One*

Dimensions of Ship per Register, Length, *130.0* breadth, *21.05* depth, *10.65* Moulded Depth, *11* ft. *6* ins. Round of Beam, Actual *6* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule Or as		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule Or as
FRAME, Angles, <i>2 1/2</i> or <i>3</i> Bars, for $\frac{1}{2}$ length amidships	3	2 1/2	5	3	2 1/2	5	KEEL, Bar or Side Plates depth and thickness	7 x 1 1/2	7	1 1/2	7
Do. for $\frac{1}{2}$ at each end	3	2 1/2	5	3	2 1/2	5	STEM, moulding and thickness	7 x 1 1/2	7	1 1/2	7
Do. in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	6 x 3	6	3	6
Spacing of Frames from centre to centre		21			21		" for Propeller	6 x 3	6	3	6
REVERSED FRAME, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	5	MAIN PIECE of Rudder, diameter at head	4 1/2	4	1/2	4
DEEP FRAMING, depth of girder							do. at heel	2 3/4 x 2 1/2	2 3/4	2 1/2	2 1/2
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16	6	16	6			RUDDER, how constructed <i>Forged and plated</i>				
" in way of Engines and Boilers							Can the Rudder be unshipped afloat? <i>Yes.</i>				
" thickness at the ends of vessel							KEELSONS AND STRINGERS.				
" depth at $\frac{1}{2}$ the half breadth, as per Rule							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8	8	8	8
" height extended at the Bilges							" Rider Plate				
FLOORS & BRACKETS, in Cell Dble Bottoms							" Bulb Plate to Intercoastal Keelson				
" state if flanged (top & bottom)							" Horizontal Plates on Floors	4	3	8	4
Spacing							" Angles	4	3	8	4
CENTRE GIRDER, in Double Bottom, depth and thickness							SIDE KEELSON, Angles				
" Angles, Top							" Bulb or Plate above floors for lng.				
" Bottom							" Intercoastal Plate for lng.				
SIDE GIRDERS, number on each side & thickness							" Attached to outside plating with Angle				
" state if flanged (top & bottom)							BILGE KEELSON, Angles <i>Singl.</i>	5	4	8	5
" Angles							" Bulb or Plate above floors for lng.				
MARGIN PLATE, depth (exclusive of flange) and thickness							" Intercoastal Plate for lng.				
" Angles to Outside Plating							" Attached to outside plating with Angle				
" Floors							BILGE STRINGER Angles	5	4	8	5
" Height of Floors at the Bilges							" Bulb Plate for lng.				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Intercoastal Plate for lng.				
" thickness in Engine and Boiler space							" Attached to outside plating with Angle				
" Remainder in Holds							SIDE STRINGER Angles <i>Singl.</i>	5	4	8	5
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	8	5 1/2	3	8	" Bulb or Intercoastal Plate for 9 to 12 in. from	6	7	6	7
" Angles on Upper Edge							" Attached to outside plating with Angle				
" Spacing		42			42		Main and Raised Quarter Deck Stringer Plate, breadth and thickness	28	6	28	6
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							" Angle on ditto	3 x 3	6	3 x 3	6
" Angles on Upper Edge							" Tie Plates, outside Hatchways	7	6	7	6
" Spacing		42			42		" Diagonal Tie Plates on Bms., No. of Pairs				
BEAMS, Hold, Plate or Tee Bulb							" Main Dk* Iron or Steel for lng.				
" Angles on Upper Edge							" R. Q. Dk* Iron or Steel for lng.				
" Spacing		42			42		" Wood Deck, Material & thickness	<i>3 1/2 pine</i>	3		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							Lower Deck Stringer Plate, breadth and thickness				
" Angles on Upper Edge							" Angles on ditto, No.				
" Spacing		42			42		" Tie Plates, outside Hatchways				
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	6	4 1/2	3	6	" Deck* Material and thickness				
" Angles on Upper Edge							Hold Stringer Plate				
" Spacing		42			42		" Angles on ditto, No.				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	7	4 1/2	3	7	Poop Deck Stringer Plate, breadth & thickness				
" Angles on Upper Edge							" Angle on ditto				
" Spacing		42			42		" Tie Plates				
PILLARS, In 'tween Decks, Size and Spacing							" Deck, Material and thickness				
" Hold							Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	17	5	17	5
" Quarter, 'tween Dks.,							" Angle on ditto	2 1/2 x 2 1/2	6	2 1/2 x 2 1/2	6
" in Hold							" Tie Plates	6	5	6	5
WEB FRAMES, In Fore Body, No. and Spacing							" Deck, Material and thickness	2 1/2 p. pine	2 1/2		
" No. of Side Stringers							Forecastle Deck Stringer Plate, brdth & thcknss	17	5	17	5
WEB FRAMES, In E. & B. Space, No. & Spacing							" Angle on ditto	2 1/2 x 2 1/2	6	2 1/2 x 2 1/2	6
" Brdth. & Thickness							" Tie Plates	6	5	6	5
WEB FRAMES, In After Body, No. and Spacing							" Deck, Material and thickness	2 1/2 p. pine	2 1/2		
" Brdth. & Thickness							Are the outside Plates doubled two spaces of Frames in length? <i>Yes.</i>				
" No. of Side Stringers							Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes.</i>				
" Size of Angles or Tee Bars to Web Frames											
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											

**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.	BUTTS.						
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	Single or Double.		Double or Treble.	Double or Treble.	Double or Treble.				
FLAT PLATE KEEL (Bar Keel, state riveting)	41	9	9	9	31	8	Double	1	5	Double	3	28	9	9
GARBOARD OF A STRAKE	47	7	6	6	47	7	"	4 1/2	3	Double	3	28	9	9
State actual thickness in way of Double Bottom.	47	7	6	6	47	7	"	"	"	"	"	"	"	"
C	48	8	6	6	48	8	"	"	"	"	"	"	"	"
D	48	8	6	6	48	8	"	"	"	"	"	"	"	"
E	48	8	6	6	48	8	"	"	"	"	"	"	"	"
Shur	35	10	8	8	31	8	"	"	"	Double	"	9 1/2	11	"
F							"	"	"	"	"	"	"	"
G							"	"	"	"	"	"	"	"
H							"	"	"	"	"	"	"	"
J							"	"	"	"	"	"	"	"
K							"	"	"	"	"	"	"	"
L							"	"	"	"	"	"	"	"
M							"	"	"	"	"	"	"	"
N							"	"	"	"	"	"	"	"
O							"	"	"	"	"	"	"	"
P							"	"	"	"	"	"	"	"
DOUBLING OF FLAT PLATE KEEL														
Length and thickness of Bilges														
Length and thickness of Sheerstrakes														
Length and thickness of Strake below														
POOP SIDES														
RAISED QUARTER DECK SIDES														
BRIDGE SIDES														
FORECASTLE SIDES														
LENGTHS OF PLATING														

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. *Consolidated*

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

FRAMES extend in one length from *Keel* to *Deck*

REVERSED FRAMES on floors and frames extend from *middle line to side stringer*. Alt. to deck in *state if ordinary or jagged*

way of hold. Double from bilge to bilge in *8 ft 13 in* space.

**MASTS, SPARS, &c.**

LOWER MASTS.	Fore	Main	Mizen	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.
				At Partners.	Heel.	Hounds.	Head.		Number.	Size.	
Fore											
Main											
Mizen											

Bowsprit *Pine pole mast*

Topmasts, *Remainder of spars Pine*

Rigging, Material and Size, *Shrouds wire 3" & 2 1/2"*

Sails. *One* Suit of *Sails and the following spare sails*

Equipment No. *5711* Letter *d*

Tonnage U.D.K. or Plating No. for Trawlers *✓*

**ANCHORS.**

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
2972	1st Bower	5	3	21	1	2	8	5	5	5	3	5	3	Common	<i>S. Saylor</i>	<i>Sunderland</i>
2971	2nd "	5	3	21	1	2	8	5	5	5	3	5	3	"	<i>S. Saylor</i>	<i>Sunderland</i>
	3rd "													"	<i>S. Saylor</i>	<i>Sunderland</i>
	Collective weight	11	2	21										"	<i>S. Saylor</i>	<i>Sunderland</i>
	Stream	2												"	<i>S. Saylor</i>	<i>Sunderland</i>
	Kedge	1												"	<i>S. Saylor</i>	<i>Sunderland</i>

**CHAIN CABLES.**

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.
			Supplied.	For Table 22.	Length.				
1206	165	15.8	23	7 1/2	25	165	4	<i>S. Saylor</i>	<i>29 Jan. 1903</i>
								<i>S. Saylor</i>	<i>Sunderland</i>
								<i>S. Saylor</i>	<i>Sunderland</i>

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.
1206	165	15.8	23	7 1/2	25	165

**Boats.** *One*

**Pumps.** Number *Three* Diameter of Barrel *4 1/2* State whether they are in efficient working order *Yes*

**Windlass** is *Iron patent*

**Engine Room Skylights.** How constructed? *Lead on trunk bulkheads.*

What arrangements for deadlights in bad weather? *Bull's eyes in teak shutters.*

**Coal Bunker Openings.** How constructed? *Cast iron, riveted.* How are lids secured? *Bayonet fitting.* Height above deck? *Nil.*

Number of Scuppers, and number and dimensions of **Freeing Ports, &c.** *On each side, 7 scuppers, and 6 ports 27 x 15.*

**Ceiling in Holds,** thickness and material *2 pine.*

**Cargo Hatchways.** How formed? *Of plates and angles.*

Hatches. If strong and efficient? *Solid 2 1/2"*

State size No. 1 Hatch (Forward) *3-6 x 4-0 x 15* No. 2 Hatch *8-9 x 4-0 x 15* No. 3 Hatch *8-9 x 4-0 x 15* No. 4 Hatch

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

No. of Breasthooks *Four* No. of Crutches *Four*

**Bulwarks.** height above deck and description *2-9. Steel plating.*

Main Rail and Stays, material and size *13 Angle 6 1/2 x 3*

The above is a correct description. *Yes*

Builder's Signature *Hubert J. Coopers* Surveyor's Signature *Jo. Thomson*

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) *4 Oct. 1902 M*

**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 facing 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. 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.) *The workmanship throughout is good.*

*This vessel is built in accordance with the approved midship section forwarded to London on 3rd April 1903, the accompanying longitudinal plan, the Secretary's letter referred to above, and in general conformity with the rules for the class contemplated.*

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 *53* ft., Bridge Dk. *7* ft., F'castle *16* 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 *The Bridge is on Raised Quarter Deck.*

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 R.R.*

Official No. *116139*; Signal Letters

State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *By cement and paint.* Outside *By paint.*

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

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. 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,*

(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

Order for Special Survey No. *1304*

Date *19/10/02*

No. *51* in builder's yard

DATES OF SURVEYS held while building

*1902: Oct. 31. Nov. 6, 11, 18, 24, 28. Dec. 4, 10, 15, 18, 22, 29. 1903: Jan. 7, 13, 16, 21, 23, 28, 29. Feb. 4, 9, Feb. 11, 17. Mar. 11, 17, 19, 23, 26, 31.*

Total No. of Visits *29*

The amount of Entry Fee *£ 2 - - -* Fees applied for, *3/4/1903.*

Special *£ 11 - - -* Received by me, *TR*

Travelling Expenses, if any *£ 1 - 0 - 8* *6/4/1903*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100 A1*

With or without Freeboard, as condition of Class

*Jo. Thomson*

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

**Committee's Minute** *THUR. 9 APR 1903*

Character assigned *100 A1 Steel*

*Cloud a rcl*

*+ Lmc 3.03*

Full Certificate, *20/6/03.*

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