

With or Without
Disconnected Erections.

STEEL STEAMER.

SAT. AUG. 12. 1916

Received at London Office

Date of completion of report
Survey held at *Workington*

State if Report is also sent on the Machinery of the Vessel *(Rt 9 reg)*

Port of *Newcastle on Tyne*

Date, First Survey *23rd Mar 1915*

Last Survey *1st May 1915*

Rig *Schooner*

No. *69034*

1916

On the (State if Single, Twin or Triple Screw)

TONNAGE under *551.24*

Tonnage Deck...

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

Total under Upper Dk.

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room ..

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room ..

TONNAGE FOR FEES ..

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam ..

CLASS *100 A.I.*

FEET.

Master

Year of appointment

Built at

When built

Launched *18th July 1916*

By whom built

R. Williamson & Son

Owners

Commercial Gas Co.

Managers

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

Residence

London

Port belonging to

Glasgow

Breadth (greatest moulded)..... *29.25*

Depth, at middle of length from top of keel to top of upper deck beams at side..... *14.68*

Transverse Number..... *43.83*

Length on deck from fore part of stem to after part of stern post..... *186.33*

Longitudinal Number..... *8166*

Depth "d," at middle of length (See Secs. 2 & 13)..... *11.9*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel..... *16.4*

" *R.O.D. Long Bridge Deck*
Beam at side to top of keel..... *9.76*

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock *Building & afloat.*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
186	4		29	3		Do. do. do. do. Second Dk. Beams	12	7 1/4	One	One

Dimensions of Ship per Register. Length *186.3* breadth *29.4* depth *12.4*

Moulded depth, ft. ins. To Bridge Dk. Round of Upper Dk. Beam, Actual) *7 1/4* ins.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, <i>Under R.O.D. = NO</i> Angles, <i>as per</i> Bars amidships <i>NO</i>				PILLARS, In 'tween Deck, size and spacing			
Do. in peaks	4 1/2	3	3.4	" " Hold	" "	" "	" "
Do. in way of Double Bottoms at Solid Floors	3	3	3.4	" Quarter 'tween Dks.,	" "	" "	" "
" " at intermdt. Bkts.	"	"	"	" " in Hold	" "	" "	" "
Spacing of Frames from centre to centre amidships	22	"	22	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	22	"	22	CENTRE LINE KEELSON, Vertical Plate above			
" " " in peaks	22	"	22	Rider Plate.....			
REVERSED FRAME, Angles.....	"	"	"	Flat Plate Keel Angles.....			
Do. in way of Double Bottoms at Solid Floors	3	3	3.0	Horizontal Plates on Floors.....			
" " at intermdt. Bkts.	"	"	"	Angles <i>as per</i> Bulb Angles.....			
FRAMING, depth of girder	5 1/2	"	5 1/2	SIDE KEELSONS, Number <i>Two aft.</i>			
FLOORS, depth and thickness of Floor Plate	16	32	16	Angles <i>as per</i> Bulb Angles.....			
Clear of D/B at mid-line for 1/2 length amidships	16	42	16	Plate above floors, for length.....			
in way of Engine and Boiler Spaces	28	"	28	Intercostal Plate, for length.....			
" thickness at the ends of vessel	32	"	32	Attached to outside Plating with Angle.....			
" depth at 1/2 the half breadth, as per Rule	32	"	32	BILGE KEELSON, Angles.....			
" height extended at the Bilges	30	"	30	Intercostal Plate for length.....			
FLOORS in Cell. Double Bottoms.....	"	"	"	Attached to outside Plating with Angle.....			
state if flanged (top & bottom).....	"	"	"	SIDE STRINGERS, Number <i>1 at M.D. 2 at R.O.D.</i>			
Spacing of Solid Floors <i>in 44, 22, 6x. 63</i>	31	38	31	Angle.....			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	3	3	3.6	Intercostal Plate, for <i>full</i> length.....			
" " Angles, Top.....	3 1/2	3 1/2	4.0	Attached to outside plating with Angle.....			
" " Bottom.....	3	3	3.0	Upper Deck Stringer Plate, br'dth & thickness			
" " to Floors.....	30	"	30	(clear of Bridge)			
Brackets at intermdt. frmg., wdth & thcknss	1	"	28	br'dth & thickness			
SIDE GIRDERS, number on each side & thickness	1	"	28	(in way of Bridge)			
state if flanged (top and bottom)	100	"	"	Angle (clear of Bridge).....			
Angles (top and bottom).....	3	3	3.0	Tie Plate at sides of Hatchways.....			
" to Floors.....	2 1/2	2 1/2	3.0	Deck. * <i>Iron or Steel</i> , for <i>full</i> lng.			
MARGIN PLATE, depth (exclusive of flange)	30	"	32	Thickness (clear of Bridge).....			
and thickness.....	3	3	3.2	(in way of Bridge).....			
Angle to Outside Plating.....	3	3	3.0	Wood Deck. Material & thickness <i>P.P. 2 1/2 Under Fx only</i>			
" Floors.....	3	3	3.0	Second Deck Stringer Plate, br'dth & thickness			
Brackets at intermdt. frmg., wdth & thcknss	24	"	30	Angles on ditto, No.....			
Height of Outside Brackets above at bilge	5	"	5	Tie Plates outside Hatchways.....			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	31	"	36	Deck. * <i>Iron or Steel</i> , for <i>full</i> lng.			
" " in Engine and Boiler space	"	"	"	Wood Deck. Material & thickness			
" " Remainder in Holds.....	28	30	28	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb	5 1/2	3	3.4	Angles on ditto, No.....			
Angle, Plate, Tee Bulb, or Channel	"	"	"	Tie Plates, outside Hatchways.....			
In way of Long Bridge.....	22	"	22	Deck. * Material and thickness			
Spacing.....	5 1/2	3	3.4	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
BEAMS, Second Deck, Single Angle, Bulb	5 1/2	3	3.4	Angles on ditto, No.....			
Angle, Plate, Tee Bulb, or Channel	22	"	22	Tie Plates outside Hatchways			
Spacing.....	"	"	"	Deck. Material & thickness			
BEAMS, Third and Fourth Deck, Single Angle, Bulb	"	"	"	Poop Deck Stringer Plate, breadth & thickness			
Angle, Plate, Tee Bulb, or Channel	"	"	"	Angle on ditto.....			
Angles on upper edge.....	"	"	"	Tie Plates.....			
Spacing.....	"	"	"	Deck. Material and thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	"	"	"	Bridge Deck Stringer Plate, br'dth & thickness			
Angles on upper edge.....	"	"	"	Angle on ditto.....			
Spacing.....	"	"	"	Tie Plates.....			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	3.4	Deck. Material and thickness <i>P.P. 5x2 1/4</i>			
Angles on upper edge.....	"	"	"	Forecastle Deck Stringer Plate, br'dth & th'kns			
Spacing.....	44	"	44	Angle on ditto.....			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	4.4	Tie Plates.....			
Angles on upper edge.....	"	"	"	Deck. Material and thickness <i>P.P. 5x2 1/4</i>			
Spacing.....	44	"	44				

Form No. 1A. WEB FRAMES. FORGINGS OR CASTINGS. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. RIVETING. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. SAILS.

EQUIPMENT No. 9051. LETTER K. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Is the riveted work properly closed. Are the liners between the frames and plates solid single pieces. Are the butts of Plating, Stringers, &c., properly shifted and strapped. Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. Lloyd's Register Foundation.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 116.0 ft., Bridge 9.16 ft., Forecastle 24.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

Raised quarter deck joined to bridge

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 should appear in the Register Book) *One dk (SK) One tier beams*

Official No. 137820 ; Signal Letters

State if Machinery is fitted aft *Yes*

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 *Cell. DB forward*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	18.0	40
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, <i>In main hold.</i>	111.83	162	Other tanks, if fitted,		
	Total capacity of double bottom	162	(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. 146

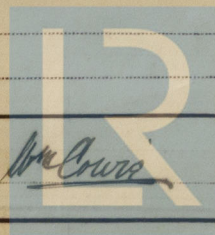
Date 19.2.1915

No. 222 in builder's yard.

DATES of Surveys held while building

1915
Mar. 23. Apr. 8. 27. May. 13. 18. 20. Jun. 1. 14. 21. Jul. 6. 20. Aug. 17. 20. 24. Sep. 8.
14. 17. Oct. 18. 26. Nov. 25. 1916
Jan. 27. Feb. 21. Mar. 7. 31. May 5. 17. 25.
Jun. 29. Jul. 11. 14.

Surveyor's Signature



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Total No. of Visits 30

Lloyd's Register Foundation