

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

IRON OR STEEL STEAMER.

No. 12934

State if Report is also sent on the Machinery of the Vessel. From Glasgow. Received at London Office.
Date of completion of Report 22nd February 1901. Port of Greenwich
Date, First Survey 21st June 1900. Last Survey 21st Feb. 1901.
Rig Schooner.

Survey held at
On the
TONNAGE under
Tonnage Deck...
Do. of Poop
Do. of Raised Qr.
Dk. or Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of
Room...
Image
Space
Crown of
Room...
FOR FEES...
Room
ation Spaces

595.68
60.46
68.60
20.16
32.50
22.16
69.93
869.49
38.86
69.93
460.48
362.34
11.69
456.60
ONE OR TWO DECKED VESSEL.
CLASS 100A1.
Half Breadth (moulded) 15.50
Depth from upper part of Keel to top of Main Deck Bms. 15.39
Girth of Half Midship Frame (as per Rule) 28.33
1st Number 59.22
Length on deck from after part of stem to fore part of stern post 183.07
2nd Number 10888.78
Proportions—Breadths to Length 5.93
Depths to Length—Main Deck to top of Keel 11.94
Destined Voyage Valencia.

Master H. J. Matthews.
Year of appointment (1) As master in service of owner of present vessel:—19 (2) As master of this vessel 1901.
Built at Greenwich
When built 1901 Launched 16th January 1901.
By whom built Grangemouth & Greenock Dry Dock Co.
Owners J. Matthews & Co.
Managers (Where necessary to be entered in Reg. Book).
Residence
Port belonging to London.

on Deck as Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Feet. Inches. No. of Decks with Flat laid
183 10 1/2 Moulded 31 0 Top of Floors to top of Main Deck Beams 13 10 3/4 No. of Tiers of Beams one.
of Ship per Register, Length, 185.4 breadth, 31.2 depth, 13.95 Moulded Depth, 14 ft. 8 1/4 ins. Round of Beam, Actual 8 ins.

FRAMING.	Inches in Ship.		Inches per Rule Or as		Inches per Rule Or as	
	20ths in Ship.	20ths in Ship.	20ths in Ship.	20ths in Ship.	20ths in Ship.	20ths in Ship.
Angles, $\frac{1}{2}$ E or $\frac{1}{2}$ Bars, for $\frac{1}{2}$ length amidships	3 1/2	3	4	3 1/2	3	4
or $\frac{1}{2}$ at each end	3 1/2	3	6	3 1/2	3	6
way of Double Bottoms at Solid Floors..	3	3	4.6	3	3	4.6
at intermdt. Bkts.						
of Frames from centre to centre	22			22		
ISED FRAME, Angles	3	2 1/2	6	3	2 1/2	6
FRAMING, depth of girder						
RS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships	1 1/2	8+9	1 1/2	8+9		
in way of Engines and Boilers	12		12			
thickness at the ends of vessel	35		35			
depth at $\frac{1}{2}$ the half breadth, as per Rule	32		32			
height extended at the Bilges		6		6		
RS & BRACKETS, in Cell Dble Bottoms						
state if flanged (top & bottom)						
Spacing	22		22			
RE GIRDER, in Double Bottom, depth and thickness	32	8-4	32	8-4		
Angles, Top	3 1/2	3 1/2	4	3 1/2	3 1/2	4
Bottom	4 1/2	3	4	4 1/2	3	4
GIRDERS, number on each side & thickness state if flanged (top & bottom)	8		6	8		6
Angles	3	2 1/2	6	3	2 1/2	6
GIN PLATE, depth (exclusive of flange) and thickness	2 1/2	6	26	6		
Angles to Outside Plating	3	3	4	3	3	4
Floors	3	2 1/2	6	3	2 1/2	6
Height of Floors at the Bilges	35		35			
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	58 1/4		4.6	32		4.6
thickness in Engine and Boiler space						
Remainder in Holds	5 1/2	3	8	5 1/2	3	8
MS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge		22		22		
Spacing						
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
AMS, Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
PILLARS, In 'tween Decks, Size and Spacing	2 1/2 - 44		2 1/2 - 44			
Hold	23 1/2 x 3 1/2 - 44		23 1/2 x 3 1/2 - 44			
Quarter, 'tween Dks.						
in Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
Brdth. & Thickness						
No. of Side Stringers						
WEB FRAMES, In E. & B. Space, No. & Spacing						
Brdth. & Thickness						
No. of Side Stringers						
Size of Angle or Tee Bars to Web Frames						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						

FORGINGS AND CASTINGS.		Inches in Ship.		Inches per Rule Or as	
		20ths in Ship.	20ths in Ship.	20ths in Ship.	20ths in Ship.
KEEL, Bar or Side Plates depth and thickness	6 3/4 x 2		6 3/4 x 2		
STEM, moulding and thickness	6 3/4 x 4 1/4		6 3/4 x 4 1/4		
STERN-POST for Rudder do. do.	6 3/4 x 4 1/4		6 3/4 x 4 1/4		
for Propeller	4 3/4		4 3/4		
MAIN PIECE of Rudder, diameter at head do. at heel	4 1/4 x 3 3/4		3 1/4 x 3 3/4		
RUDDER, how constructed	Trussing and single plate		13/20		
Can the Rudder be unshipped afloat?	Yes				
KEELSONS AND STRINGERS.		Inches in Ship.		Inches per Rule Or as	
		20ths in Ship.	20ths in Ship.	20ths in Ship.	20ths in Ship.
CENTRE LINE KEELSON, Vertical Plate above INEB floors, Through Plate, or Intercoastal Plate	32	8	32	8	
Rider Plate	10 1/4	8	9 1/2	8	
Bulb Plate to Intercoastal Keelson	3	2 1/2	6	3	2 1/2
Horizontal Plates on Floors	11	9	11	9	
Angles TOP & BOTTOM	4 1/2	3 1/2	4	4 1/2	3
SIDE KEELSON, Angles	4 1/2	3 1/2	4	4 1/2	3
Bulb or Plate above floors for lng.					
Intercoastal Plate for E.T.B. length	5		5		
Attached to outside plating with Angle	3	2 1/2	5		
BILGE KEELSON, Angles	4 1/2	3	4	4 1/2	3
Bulb or Plate above floors for E.T.B. lng.	4 1/2	3	10	4 1/2	3
Intercoastal Plate for length					
Attached to outside plating with Angle					
BILGE STRINGER Angles	4 1/2	3	4	4 1/2	3
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside plating with Angle					
SIDE STRINGER Angles	4 1/2	3	10	4 1/2	3
Bulb or Intercoastal Plate for lng.	3	3	9	3	3
Attached to outside plating with Angle					
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	32-22	8-4	32-22	8-4	
Angle on ditto	3 1/2 x 3 1/2	4	3 1/2 x 3 1/2	4	
Tie Plates fore & aft, outside Hatchways					
Diagonal Tie Plates on Bms., No. of Pairs					
Main Dk* Iron or Steel for Full lng.		6		6	
R. Q. Dk* Iron or Steel for Full lng.		6		6	
Wood Deck, Material & thickness					
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 or Pt. Awng. Deck Stringer Plate, breadth and thickness	23	4	18	5	
Angle on ditto	3 x 3	6	3 x 3	6	
Tie Plates					
Deck, Material and thickness					
Forecastle Deck Stringer Plate, brdth & thcknss	21	5	18	5	
Angle on ditto					
Tie Plates					
Deck, Material and thickness					
Are the outside Plates doubled two spaces of Frames in length?	Yes				
Are the Stance Valves and Watertight Doors in efficient working order?	Yes				

PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.				BUTTS.							
STRAKES.	AMIDSHIP.		AFT.	AMIDSHIP.		AFT.	Single or Double.	EDGES.		Double or Triple and for what length.	BUTTS.		If Lapped.						
	Breadth.	Thickness.		Breadth.	Thickness.			Breadth.	Thickness.		Breadth.	Thickness.							
FLAT PLATE KEEL	32	12	9	32	12	9	Double	5 1/4	3/4	3/4	Double	3 1/2	14 1/2						
GARBOARD OF A Strake	32 1/2	9	8	32	9	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
B "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
C "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
D "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
E "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
F "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
G "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
H "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
I "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
J "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
K "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
L "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
M "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
N "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
O "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
P "	32 1/2	8	8	32	8	8	Double	4 1/2	3/4	3/4	Double	3 1/2	14 1/2						
DOUBLING OF PLATE KEEL																			
Length and thickness of Bilge																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOR 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. *Deane's Halliwell*

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

FRAMES extend in one length from *Centre line* to *margin plate* *thence to gunwale* state if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *Centre line to margin plate* and *thence to gunwale* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hoards.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	52'	2 1/4 x 6/16	12 x 5/16	11 x 5/16	10 1/2 x 5/16	Two			2 1/4	6 1/4 x 4 1/4
Main	Steel	45'9"	2 1/4 x 6/16	13 x 5/16	11 x 5/16	10 1/2 x 5/16	Two			2 1/4	6 1/4 x 4 1/4

Boomsprit

Topmasts, Vangs and Remainder of Spars

Rigging, Material and Size, Shrouds *Three 2 1/2 gal. Steel wire*

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

EQUIPMENT No. *11902* LETTER *R*

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.			
14505	1st Bower	19	1	7	19	1	7	20	4	0	4	19	0	0	Lim. Patent	1st Bower
14521	2nd "	19	1	0	19	1	0	20	1	3	14	19	0	0	"	"
14560	3rd "	16	2	14	16	2	14	17	18	1	21	16	1	0	"	"
	Collective weight	55	0	21	55	0	21	57	11	2	15	54	1	0	"	"
14526	Stream	5	1	0	5	1	0	5	1	0	5	1	0	0	Common	Stream
14551	Kedge	2	3	0	2	3	0	2	5	0	0	2	2	0	"	Kedge

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tons.	Supplied.	Per Table 22.					
9310	105	1 1/4	11	45/100	11	45/100	105	1 1/4	Low Walker	30/10/00
9311	105	1 1/4	11	45/100	11	45/100	105	1 1/4	"	30/10/00

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tons.	Supplied.	Per Table 22.					
9310	105	1 1/4	11	45/100	11	45/100	105	1 1/4	Low Walker	30/10/00
9311	105	1 1/4	11	45/100	11	45/100	105	1 1/4	"	30/10/00

Boats

Pumps, Number *Three* *Hand pumps* *tail pipe 2 1/4"* Diameter of Barrel *4 1/2"* State whether they are in efficient working order *Yes*

Windlass is *Steam* *by McVine* Capstan *none* *Working ends on windlass*

Engine Room Skylights. How constructed? *Steel on high casing*

What arrangements for deadlights in bad weather? *Wood shutters, pulled up lights*

Coal Bunker Openings. How constructed? *Bulk angle 9 x 3 1/2 x 9/16* How are lids secured? *By pulleys & ballies* Height above deck? *9"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *4 in. diam. 2-9 x 2 1/2* *Tip on R.D. 2-0 x 18"* *Each Scupper.*

Ceiling in Holds, thickness and material *2 1/2" x P.* Ceiling 'tween Decks, thickness and material *6 x 2 w.p.*

Cargo Hatchways. How formed? *Steel plate and angle* Hatches. If strong and efficient? *Yes, 2 1/2"*

State size No. 1 Hatch (Forward) *11-0 x 13-0 x 8 1/2"* No. 2 Hatch *18-1 x 16-0 x 36"* No. 3 Hatch *13-0 x 16-0 x 36"* No. 4 Hatch *11-0 x 13-0 x 8 1/2"*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *The web plate each to No. 2 & No. 3 hatchways. And three*

Bulwarks, height above deck and description *Steel plate 4-0 x 4-0 x 1/2* *Stays 1 1/2"* Main Rail and Stays, material and size *6 x 3 x 1/2"*

The above is a correct description.

Builder's Signature *(here only)* *GRANGEMOUTH AND GREENOCK DOCKYARD CO.* Surveyor's Signature *J. James Strain* 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)

5th May 1900, 21st May 1900, 6th June 1900, 18th June 1900, 19th June 1900, 18th July 1900, 18th Sept 1900

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed where practicable*

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 *Good*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *Good*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the Rules and approved plans. The materials and workmanship are of good quality. Gun plates are embedded in the cement under the sounding pipes. The double bottom forward has been strengthened in accordance with circular 4-1012. The available space in the Bridge tween decks is intended for the stowage of coal and no cargo ballers are fitted therein. The hull has been sighted, and found to be cambered one half inch. Two forging reports are appended hereto.*

This is a sister vessel to the *SS "Cornbank" 4-58* in supplement to Regular Book

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *58 1/2* ft., R.Q.D. or Break *58 1/2* ft., Bridge Dk. *53.5* ft., Forecastle *19.83* 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) *10" (Steel)*

Official No. *10" (Steel)*; 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 *Cellular System*

Where fitted.	Length.	Water Capacity.		Where fitted.	Length.	Water Capacity.	
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft,	31-2	330		Fore peak tank,			
Double bottom, under Engines and Boilers,				After peak tank,			
Double bottom, if under Engines only,				Midship deep tank,			
Double bottom, if under Boilers only,	43-4	1130		Other tanks, if fitted,			
Double bottom, forward,				(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. *2066*

Date *2nd June 1900*

No. *213* in builder's yard

Dates of Surveys held while building

1900. June 21. 26. 28. July 2. 17. 19. 20. 24. 26. 31. Aug 2. 7. 9. 14. 20. 22. 23. 24. 28. 30. Sep 3. 4. 5. 6. 7. 11. 12. 14. 24. 25. 27. Oct 1. 2. 6. 9. 11. 16. 18. 22. 24. 25. 29. 31. Nov 2. 6. 7. 13. 15. 20. 21. 22. 27. 28. 30. Dec 4. 6. 11. 12. 13. 18. 19. 21. 27. 1901. Jan 8. 9. 10. 12. 14. 16. 19. 21.

Total No. of Visits *71*

The amount of Entry Fee *3* : : : Fees applied for, *21.2. 1901* *DMK.*

Special *38* : : : Received by me, *23/2/1901*

Travelling Expenses, if any £ : : : : :

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

I am of opinion this Vessel should be Classed *100 A1. "White Oak"*

With, or without Freeboard, as condition of Class

Committee's Minute *Glasgow. 4-MAR-1901*

Character assigned *100 A1 (Steel) dlog's & C.C.P.*

(Subject to completion of drydocking)

100 A1 Steel

Lloyd's Register

Foundation