

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

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *No*
Date of completion of Report *7th November 1907*
Date First Survey *7th February*

Port of *Glasgow*
Last Survey *2nd November 1907*
Rig *2 mast 3rd Schooner*

25941
No. 25941
TUES. 12 NOV 1907

Received at London Office

Survey held at
On the

Troon

S. S. "Moyle"

ONE OR TWO DECKED VESSEL.
CLASS *100 A1*

FEET.

Master *H. Mulholland*

Year of appointment *(1) As master in service of owner of present vessel: 1894
(2) As master of this vessel: 1907*

Built at *Troon*

When built *1907* Launched *10th Sept. 1907*

By whom built *Ailsa S. B. & Co. Ltd*

Owners *Shamrock Shipping Co. Ltd*

Managers *J. Jack*
(Where necessary to be entered in Reg. Book.)

Residence *Larne Harbour*

Port belonging to *Belfast*

and *Surveyed while Building, Afloat, in Dry Dock*

TONNAGE under Tonnage Deck...	1324.56
Do. of Poop	31.94
Do. of Raised Qr.	120.29
Do. of Break..	75.46
Do. of Bridge House	20.93
Do. of Forecastle	3.51
Do. of Houses on Deck	91.16
Do. of excess of Hatchways	93.59
Do. above Crown of Engine Room ..	1761.44
Gross Tonnage	97.34
Less Crew Space	93.59
Less above Crown of Engine Room ..	1570.51
TONNAGE FOR FEES ..	764.92
Less Engine Room	149.96
Less Navigation Spaces	261.79
Register Tonnage as cut on Beam ..	749.42

Half Breadth (moulded)	18.00
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	19.75
Girth of Half Midship Frame (as per Rule)	34.20
1st Number	71.95
Length on deck from after part of stem to fore part of stern post	273.5
2nd Number	19678
Proportions—Breadths to Length	7.59
Depths to Length—Main Deck to top of Keel	13.84

Destined Voyage *St Nazaire* *Surveyed while Building, Afloat, in Dry Dock*

LENGTH on Deck as per Rule	273	Feet.	6	Inches.	BREADTH—Moulded	36	Feet.	0	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	18	Feet.	2	Inches.	No. of Decks with Flat laid	1 R. Q. D.	No. of Tiers of Beams	1 R. Q. D.
Dimensions of Ship per Register, Length, 275.2 breadth, 36.15 depth, 18.65. Moulded Depth, 19 ft. 0 ins. Round of Beam, Actual 12 ins.																		

FRAMING.							FORGINGS AND CASTINGS.						
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
FRAME, Angles, L, E or L Bars, for 1/2 length amidships	8	3	11	8	3	11	KEEL, Bar or Side Plates depth and thickness	9 x 2 1/2	9 x 2 1/2	9 x 2 1/2	9 x 2 1/2	9 x 2 1/2	9 x 2 1/2
Do. for 1/4 at each end	5 1/2	3	10	5 1/2	3	10	STEM, moulding and thickness	9 x 5	9 x 5	9 x 5	9 x 5	9 x 5	9 x 5
Do. in way of Double Bottoms at Solid Floors	8	3	8	8	3	8	STERN-POST for Rudder do. do.	9 x 5	9 x 5	9 x 5	9 x 5	9 x 5	9 x 5
" " " at intermdt. Bkts.	—	—	—	—	—	—	" " for Propeller	7	7	7	7	7	7
Spacing of Frames from centre to centre	24	—	—	24	—	—	MAIN PIECE of Rudder, diameter at head	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
REVERSED FRAME, Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	7	do. at heel	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
DEEP FRAMING, depth of girder	8	—	—	8	—	—	RUDDER, how constructed	Forged frame and single plate	19	20	19	20	19
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	20	—	12	20	—	12	Can the Rudder be unshipped afloat?	yes.	—	—	—	—	—
" " in way of Engines and Boilers	20	—	12	20	—	12	KEELSONS AND STRINGERS.						
" " thickness at the ends of vessel	15 3/4	—	7	10	—	7	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	42	—	11	42	—	11
" " height extended at the Bilges	40	—	—	40	—	—	" Rider Plate	11 1/2	—	11	11 1/2	—	11
FLOORS & BRACKETS, in Cell Dble Bottoms	27 1/2	—	7	27 1/2	—	7	" Bulb Plate to Intercoastal Keelson	—	—	—	—	—	—
" " state if flanged (top & bottom)	40	—	—	40	—	—	" Horizontal Plates on Floors	12	—	10	12	—	10
" " Spacing	24	—	—	24	—	—	" Angles	5	4	10	5 1/2	4	9
CENTRE GIRDER, in Double Bottom, depth and thickness	37 1/2	—	9	37 1/2	—	9	IDE KEELSON, Angles	5	4	10	5 1/2	4	9
" " Angles, Top	3 1/2	3 1/2	9	3 1/2	3 1/2	9	" Bulb or Plate above floors for lng.	—	—	8	—	—	8
" " Bottom	4	4	11	4	4	11	" Intercoastal Plate for required length	3	3	7	3	3	7
SIDE GIRDERS, number on each side & thickness	1	—	7	1	—	7	" Attached to outside plating with Angle	5	—	10	5 1/2	—	9
" " state if flanged (top & bottom)	20	—	—	20	—	—	BILGE KEELSON, Angles	9	—	9	9	—	9
" " Angles	3 1/2	3 1/2	7	3 1/2	3 1/2	7	" Bulb or Plate above floors for required lng.	—	—	—	—	—	—
MARGIN PLATE, depth (exclusive of flange) and thickness	26 1/2	—	8	26 1/2	—	8	" Intercoastal Plate for length	—	—	—	—	—	—
" " Angles to Outside Plating	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Attached to outside plating with Angle	—	—	—	—	—	—
" " Floors	3 1/2	3 1/2	7	3 1/2	3 1/2	7	BILGE STRINGER Angles	5 1/2	3 1/2	9	5 1/2	3 1/2	9
" " Height of Floors at the Bilges	58 1/2	—	—	48 1/2	—	—	" Bulb Plate for length	—	—	—	—	—	—
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	52	—	9	—	—	9	" Intercoastal Plate for length	—	—	—	—	—	—
" " thickness in Engine and Boiler space	20	—	—	20	—	—	" Attached to outside plating with Angle	3 1/2	3 1/2	8	3 1/2	3 1/2	8
" " Remainder in Holds	6	3	8	6	3	8	2SIDE STRINGER Angles	—	—	10	—	—	10
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	—	—	—	—	—	—	" Bulb or Intercoastal Plate for required lng.	3 1/2	3 1/2	8	3 1/2	3 1/2	8
" " Angles on Upper Edge	24	—	—	24	—	—	" Attached to outside plating with Angle	—	—	—	—	—	—
" " Spacing	—	—	—	—	—	—	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	42	—	11	42	—	11
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	—	—	—	—	—	—	" Angle on ditto	11.5.5.5.12	—	—	11.5.5.5.12	—	—
" " Angles on Upper Edge	—	—	—	—	—	—	" Tie Plates, outside Hatchways	—	—	—	—	—	—
" " Spacing	—	—	—	—	—	—	" Diagonal Tie Plates on Bms., No. of Pairs	—	—	—	—	—	—
BEAMS, Hold, Plate or Tee Bulb	—	—	—	—	—	—	" Main Dk* Iron or Steel for whole lng.	—8.9.10	—	—	—7.8.10	—	—
" " Angles on Upper Edge	—	—	—	—	—	—	" R. Q. Dk* Iron or Steel for whole lng.	—8.9.10	—	—	—7.8.10	—	—
" " Spacing	—	—	—	—	—	—	" Wood Deck, Material & thickness	between hatches 9 x 8	—	—	—7.8	—	—
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	4 1/2	7	6	4 1/2	7	Lower Deck Stringer Plate, breadth and thickness	—	—	—	—	—	—
" " Angles on Upper Edge	—	—	—	—	—	—	" Angles on ditto, No.	—	—	—	—	—	—
" " Spacing	48	—	—	48	—	—	" Tie Plates, outside Hatchways	—	—	—	—	—	—
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	7 1/2	3	9	7 1/2	3	9	" Deck* Material and thickness	—	—	—	—	—	—
" " Angles on Upper Edge	—	—	—	—	—	—	Hold Stringer Plate	—	—	—	—	—	—
" " Spacing	48	—	—	48	—	—	" Angles on ditto, No.	—	—	—	—	—	—
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	5	7	7	5	7	Poop Deck Stringer Plate, breadth & thickness	29	7	26	7	—	—
" " Angles on Upper Edge	—	—	—	—	—	—	" Angle on ditto	11	7	11	7	—	—
" " Spacing	48	—	—	48	—	—	" Tie Plates	—	—	—	—	—	—
MILLARS, In 'tween Decks, Size and Spacing	23/8	—	48	23/8	—	48	" Deck, Material and thickness	—	—	—	—	—	—
" " Hold	—	—	—	—	—	—	Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	38	7	38	7	—	—
" " Quarter, 'tween Dks., " "	—	—	—	—	—	—	" Angle on ditto	3.3.	7	3.3.	7	—	—
" " in Hold	—	—	—	—	—	—	" Tie Plates	—	—	—	—	—	—
WEB FRAMES, In Fore Body, No. and Spacing	Partial B.H. 8	—	—	—	—	—	" Deck, Material and thickness	4/16 steel, 3/8 P. sheathed	3 Pine	4.	—	—	—
" " Brdth. & Thickness	15	—	8	15	—	8	Forecastle Deck Stringer Plate, brdth & thcknss	20	7	26	7	—	—
" " No. of Side Stringers	—	—	—	—	—	—	" Angle on ditto	3.3.	7	3.3.	7	—	—
WEB FRAMES, In E. & B. Space, No. & Spacing	all as per approved profile	—	—	—	—	—	" Tie Plates	—	—	—	—	—	—
" " Brdth. & Thickness	—	—	—	—	—	—	" Deck, Material and thickness	—	—	—	—	—	—
" " No. of Side Stringers	—	—	—	—	—	—	" Forecastle Deck Stringer Plate, brdth & thcknss	—	—	—	—	—	—
WEB FRAMES, In After Body, No. and Spacing	—	—	—	—	—	—	" Angle on ditto	—	—	—	—	—	—
" " Brdth. & Thickness	—	—	—	—	—	—	" Tie Plates	—	—	—	—	—	—
" " No. of Side Stringers	—	—	—	—	—	—	" Deck, Material and thickness	—	—	—	—	—	—
" " Size of Angles or Tee Bars to Web Frames	3	3	7	3	3	7	" Forecastle Deck Stringer Plate, brdth & thcknss	—	—	—	—	—	—
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	—	—	—	—	—	—	" Angle on ditto	—	—	—	—	—	—
	—	—	—	—	—	—	" Tie Plates	—	—	—	—	—	—
	—	—	—	—	—	—	" Deck, Material and thickness	—	—	—	—	—	—

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth. Thickness. Thickness. Thickness.					Breadth. Thickness. Thickness. Thickness.					Single or Double. Breadth of Lap. Rivets. Rivets. Rivets.					Double or Treble and for what Length. Rivets. Rivets. Rivets.				
FLAT PLATE KEEL (If Bar Keel, state Receiving) GABBOARD OR A Strake					36 18 18 14					36 18 18 14					36 18 18 14				
B "					11 9 9 9					11 9 9 9					11 9 9 9				
C "					10 9 9 9					10 9 9 9					10 9 9 9				
D "					11 9 9 9					11 9 9 9					11 9 9 9				
E "					10 8 8 8					10 8 8 8					10 8 8 8				
F "					10 8 8 8					10 8 8 8					10 8 8 8				
G "					10 8 8 8					10 8 8 8					10 8 8 8				
H "					11 9 9 9					11 9 9 9					11 9 9 9				
J "					10 8 8 8					10 8 8 8					10 8 8 8				
K "					43 18 10 10					42 13 10 10					42 13 10 10				
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges					10 for about 138 feet as on profile														
Length and thickness of Sheerstrakes					68 4 4 4														
Length and thickness of Strake below																			
POOP SIDES					10 8 10														
RAISED QUARTER DECK SIDES					7 7 7														
BRIDGE SIDES																			
FORECASTLE SIDES					7 7 7														
LENGTHS OF PLATING					Seven frame spaces														

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. *Open hearth: Frames, keelsons, floors, bulkheads, Glasgow, Iron & Steel Co. Ltd., 1st Beams David Colville & Sons, Glasgow, 1st Bulkheads & 1st Shell plating Stewart & Lloyds Ltd.*

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 in way of tank top if ordinary or jogged *ordinary*.

REVERSED FRAMES on floors and frames extend from Centre line to margin plate in way of tank top if ordinary or jogged *ordinary*.

in bulkhead space, fitted on floors from centre line to bulge stringer and double.

MASTS, SPARS, &c.									
DIAMETER AND THICKNESS.					RIVETING.				
Material. Total length. At Partners. Head. Head.					Number. Size. Seams. Butts.				
Fore <i>Steel</i> 22 x 7/20 22 x 7/20 15 x 4 1/2					Single 2 x 2 as req.				
Main <i>Steel</i> 22 x 7/20 22 x 7/20 15 x 4 1/2					Single 2 x 2 as req.				
Mizen <i>Steel</i> 22 x 7/20 22 x 7/20 15 x 4 1/2					Single 2 x 2 as req.				

Bowsprit *Fore and Remainder of Spars *pine**

Topmasts, *Fore and Remainder of Spars *pine**

Rigging, Material and Size, Shrouds *Salv. steel wire 3/4*

Sails, *One* Suit of *fore & aft* Sails and the following spare sails *Stays *Salv. steel wire 3/4**

Equipment No. *2574* Letter *g*

ANCHORS.														
WEIGHT, EX STOCK.					TEST, PER CERTIFICATE.									
Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs.					Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs.									
1st Bower <i>33 3 14</i>					2nd Bower <i>30 15 2 14</i>					3rd Bower <i>27 4 1 14</i>				
2nd Bower <i>32 3 14</i>					3rd Bower <i>30 15 2 14</i>					4th Bower <i>27 4 1 14</i>				
3rd Bower <i>28 0 14</i>					4th Bower <i>27 4 1 14</i>					5th Bower <i>27 4 1 14</i>				
Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>				
Stream <i>8 2 27</i>					Kedge <i>4 1 24</i>					Kedge <i>4 1 24</i>				

(Use mechanical Tests as per Rule)

CHAIN CABLES.														
WEIGHT OF CHAIN.					LENGTH AND SIZE.									
Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs.					Cwts. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs.									
1st Bower <i>33 3 14</i>					2nd Bower <i>30 15 2 14</i>					3rd Bower <i>27 4 1 14</i>				
2nd Bower <i>32 3 14</i>					3rd Bower <i>30 15 2 14</i>					4th Bower <i>27 4 1 14</i>				
3rd Bower <i>28 0 14</i>					4th Bower <i>27 4 1 14</i>					5th Bower <i>27 4 1 14</i>				
Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>				
Stream <i>8 2 27</i>					Kedge <i>4 1 24</i>					Kedge <i>4 1 24</i>				

(Use mechanical Tests as per Rule)

HAWERSERS AND WARPS.														
LENGTH AND SIZE.					BREAKING TEST.									
Fathoms. Ins. Fathoms. Ins. Fathoms. Ins. Fathoms. Ins.					Fathoms. Ins. Fathoms. Ins. Fathoms. Ins. Fathoms. Ins.									
1st Bower <i>33 3 14</i>					2nd Bower <i>30 15 2 14</i>					3rd Bower <i>27 4 1 14</i>				
2nd Bower <i>32 3 14</i>					3rd Bower <i>30 15 2 14</i>					4th Bower <i>27 4 1 14</i>				
3rd Bower <i>28 0 14</i>					4th Bower <i>27 4 1 14</i>					5th Bower <i>27 4 1 14</i>				
Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>					Collective weight <i>94 3 14</i>				
Stream <i>8 2 27</i>					Kedge <i>4 1 24</i>					Kedge <i>4 1 24</i>				

Boats *3 in Number and Steam launch.*

Pumps, Number *Five* Diameter of Barrel *4-5* State whether they are in efficient working order *yes*.

Windlass is *efficient, Clarke Chapman's* Capstan *abn. efficient*.

Engine Room Skylights—How constructed? *of teak on steel coamings*.

Coal Bunker Openings—How constructed? *Properly framed hatches* Height above deck? *4-5 above*.

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *3 pairs of Scuppers and 4 pairs of freeing ports 36 x 21 in well*.

Ceiling in Holds, thickness and material *2 1/2 Pine*.

Cargo Hatchways—How formed? *Steel plates and angles* Hatches—If strong and efficient? *yes & 2 1/2 solid*.

State size No. 1 Hatch (Forward) *29-9 x 18-0* No. 2 Hatch *36-8 x 18-0* No. 3 Hatch *28-9 x 18-0* No. 4 Hatch *28-9 x 18-0*.

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *1 deep web plate in No. 1; 3 in No. 2; and 2 in No. 3 & 4*.

3 strong pitch pine fore and afters in each hatch. No. of Breasthooks *3* No. of Crutches *deep floors aft*.

Bulwarks, height above deck and description *plates & angles 9 x 1/2 in. Main Rail and Stays, material and size*.

The above is a correct description.

Builder's Signature *And A. H. H. H.* Surveyor's Signature *J. J. H. H.*

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) from the Secretary.

M. 16th Nov. 06, E 3rd May 07, 10th Dec. 07.

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

Is the riveted work properly closed? *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? *in a few cases.*

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 plans, submitted to and

approved by the Committee, as per Secretary's letters above referred to.

She is constructed to carry water ballast, particulars, as

given in form below.

Has a topgallant forecable, bridge, raised quarter deck and

poop of the length stated under.

Electric lighting fitted.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 20.75 ft., R.Q.D. or Break 54.0 ft., Bridge Dk. 54.0 ft., F'castle 32.0 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

Poop joined to R.Q.D., and 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) *1 BA. (SH) & deep framing*

Official No. *1 BA. (SH) & deep framing* State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Cemented on bottom, else shape Wails* Outside *Coated with paint.*

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

Where fitted. Length. Water Capacity. Where fitted. Length. Water Capacity.

Double bottom, aft. 22 71

Double bottom, under Engines and Boilers. 11 37

Double bottom, if under Engines only. 80 382

Double bottom, if under Boilers only. 96 195

Double bottom, forward. Total capacity 440

* 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. *4199*

Date *15.11.07*

No. *179* in builder's yard

Days of Survey held while building *1907 Feb 7 14 22 25 Mar 8 11 25 Apr 6 9 17 26 May 1 14 17 21 28 June 1 8 12 14 21*

Total No. of Visits *49*

The amount of Entry Fee £ *4* : : Fees applied for, *11 NOV 1907*

Special £ *64* : 5 : 6 Received by me, *28 11 1907*

Travelling Expenses, if any £ *4* : 13 : 6

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

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

With, or without Freeboard, as condition of Class *without.*

Glasgow 11 NOV 1907

Committee's Minute

Character assigned *+ 100A1 (New)*

Lloyd's A&CP *See light*

J. J. H. H.

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