

for 2 Dks., R.O.Dk.,

an Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

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

Date of completion of Report *4<sup>th</sup> June 1898*

Date, First Survey *Sept 8<sup>th</sup> 1897*

Port of *Glasgow*

Last Survey *31<sup>st</sup> May 1898*

Rig *2 masted fore & aft Schooner*

Master *J. Mc Callum*

Year of appointment *(1) As master in service of owner of present vessel: 1898 (2) As master of this vessel: 1898*

Built at *Glasgow*

When built *1897-98* Launched *24<sup>th</sup> March 1898*

By whom built *Alex. S.B. & Co.*

Owners *J. Mc Callum & Co.*

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

Residence *Glasgow*

Port belonging to *Glasgow*

If Surveyed while Building, Afloat, or in Dry Dock *While Building and afloat*

Survey held at *Glasgow*

the *S.S. Hebrides*

AGE under

age Deck *427.60*

Poop *76.49*

Raised Qr. *-*

or Breech *-*

of Bridge House *-*

Do. of Forecastle *12.90*

Do. of Houses on Deck *18.22*

Do. of excess of Hatchways *1.40*

Do. above Crown of *48.76*

Engine Room *-*

Gross Tonnage *585.39*

Less Crew Space *19.66*

Less above Crown of *48.76*

Engine Room *-*

TONNAGE FOR FEES *436.95*

Less Engine Room *360.97*

Less Navigation Spaces *14.88*

Register Tonnage *159.86*

as cut on Beam *-*

ONE OR TWO DECKED VESSEL.

CLASS *100 A.1.*

Half Breadth (moulded) *14.0*

Depth from upper part of Keel to top of Main Deck Bms. *14.4*

Girth of Half Midship Frame (as per Rule) *24.9*

1st Number *53.3*

Length on deck from after part of stem to fore part of stern post *178.8*

2nd Number *9530*

Proportions—Breadths to Length *6.38*

Depths to Length—Main Deck to top of Keel *12.4*

Destined Voyage *Coasting*

LENGTH	On Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
		178	9 1/2		28	-		13	2 1/2	2	2

Dimensions of Ship per Register, Length, *180.0* breadth, *28.15* depth, *13.2* Moulded Depth, *18* ft. *10* ins. Round of Beam, Actual *8* ins.

FRAMING.						FORGINGS AND CASTINGS.						
	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as	Inches per Rule as Approv.		Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as	Inches per Rule as Approv.	
FRAME, Angles, $\angle$ or $\angle$ Bars, for $\frac{1}{2}$ length amidships	3 1/2	3	7	3 1/2	3	KEEL, Bar or Side Plates depth and thickness	4 1/2 x 2			4 1/2 x 2		
Do. for $\frac{1}{2}$ at each end	3 1/2	3	8	3 1/2	3	STEM, moulding and thickness	6 3/4 x 2			6 3/4 x 2		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3	6	3 1/2	3	STERN-POST for Rudder do. do.	6 3/4 x 4			6 3/4 x 4		
" " at intermdt. Bkts.	-	-	-	-	-	" for Propeller	"			"		
Distance of Frames from moulding edge to moulding edge, all fore and aft	22			22		MAIN PIECE of Rudder, diameter at head	5 1/2			5 1/2		
REVERSED FRAME, Angles	2 1/2	2 1/2	6	2 1/2	2 1/2	do. at heel	5 1/2 x 3 1/2			5 1/2 x 4 1/4		
DEEP FRAMING, depth of girder	2 1/2	2 1/2	7	2 1/2	2 1/2	RUDDER, how constructed	Simple plate 15/20.					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	15 1/2	*	4	15 1/2	*	Can the Rudder be unshipped afloat?	Yes.					
" in way of Engines and Boilers	15 1/2	4	15 1/2	4		KEELSONS AND STRINGERS.						
" thickness at the ends of vessel	8		8			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	12	x	9	12	x	9
" depth at $\frac{1}{2}$ the half breadth, as per Rule	32		32			" Rider Plate	8 1/2	x	9	8 1/2	x	9
" height extended at the Bilges	32		32			" Bulb Plate to Intercoastal Keelson	-	-	-	-	-	-
FLOORS & BRACKETS, in Cell Dble Bottoms						" Horizontal Plates on Floors	-	-	-	-	-	-
" Distance apart						" Angles	4	3	6	4	3	6
CENTRE GIRDER, in Double Bottom, depth and thickness						SIDE KEELSON, Angles	4	3	6	4	3	6
" Angles, Top						" Bulb or Plate above floors for length	-	-	-	-	-	-
" Bottom						" Intercoastal Plate for $\frac{1}{2}$ length	-	-	6	-	-	6
SIDE GIRDERS, number on each side & thickness						" Attached to outside plating with Angle	2 1/2	2 1/2	6	2 1/2	2 1/2	6
" Angles						BILGE KEELSON, Angles	4	3	6	4	3	6
MARGIN PLATE, depth (exclusive of flange) and thickness						" Bulb or Plate above floors for $\frac{1}{2}$ length	6 1/2	x	6	6 1/2	x	6
" Angles to Outside Plating						" Intercoastal Plate for length	-	-	-	-	-	-
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Attached to outside plating with Angle	-	-	-	-	-	-
" thickness in Engine and Boiler space						BILGE STRINGER Angles	-	-	-	-	-	-
" Remainder in Holds						" Bulb Plate for length	-	-	-	-	-	-
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	x	8	6	x	" Intercoastal Plate for length	-	-	-	-	-	-
" Angles on Upper Edge	-	-	-	-	-	" Attached to outside plating with Angle	-	-	-	-	-	-
" Average space	44		44			SIDE STRINGER Angles	-	-	-	-	-	-
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	x	7	5	x	" Bulb or Intercoastal Plate for length	-	-	-	-	-	-
" Angles on Upper Edge	-	-	-	-	-	" Attached to outside plating with Angle	-	-	-	-	-	-
" Average space	44		44			Main and Raised Quarter Deck Stringer Plate, breadth and thickness	40	8	40	8		
BEAMS, Hold, Plate or Tee Bulb	-	-	-	-	-	" Angle on ditto	3 1/2	3 1/2	7	3 1/2	3 1/2	7
" Angles on Upper Edge	-	-	-	-	-	" Tie Plates fore & aft, outside Hatchways	9		9			7
" Average space	44		44			" Diagonal Tie Plates on Bms., No. of Pairs	-	-	-	-	-	8
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	5	3	" Main Dk* Iron or Steel for $\frac{1}{5}$ length	-	-	6	-	-	8
" Angles on Upper Edge	-	-	-	-	-	" R. Q. Dk* Iron or Steel for length	-	-	3 1/2	-	-	8
" Average space	44		44			" Wood Deck, Material & thickness	3 1/2	3 1/2	3 1/2	3 1/2		
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	5	3	7	5	3	Lower Deck Stringer Plate, breadth and thickness	22	6	22	6		
" Angles on Upper Edge	-	-	-	-	-	" Angles on ditto, No. 1-2 1/2, 2 1/2, 2 1/2, 2 1/2	3.3	6	3.3	6		
" Average space	44		44			" Tie Plates, outside Hatchways	9	6	9	6		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	x	6	5	x	" Deck* Material and thickness	2 3/4		2 3/4			
" Angles on Upper Edge	-	-	-	-	-	Hold Stringer Plate	-	-	-	-		
" Average space	44		44			" Angles on ditto, No.	-	-	-	-		
MILLARS, In 'tween Decks, Size and Spacing	2 3/8		2 3/8			Poop Deck Stringer Plate, breadth & thickness	22	6	22	6		
" Hold	2 3/8		2 3/8			" Angle on ditto	2 1/2	2 1/2	6	2 1/2	2 1/2	6
" Quarter, 'tween Dks., "	-	-	-	-	-	" Tie Plates	9	6	9	6		
" in Hold	-	-	-	-	-	" Deck, Material and thickness	2 3/8		2 3/8			
WEB FRAMES, In Fore Body, No. and Spacing	-	-	-	-	-	Bridge Deck Stringer Plate, brdth & thickness	22	6	22	6		
" Brdth. & Thickness	-	-	-	-	-	" Angle on ditto	2 1/2	2 1/2	6	2 1/2	2 1/2	6
" No. of Side Stringers	-	-	-	-	-	" Tie Plates	9	6	9	6		
WEB FRAMES, In E. & B. Space, No. & Spacing	-	-	-	-	-	" Deck, Material and thickness	2 3/8		2 3/8			
" Brdth. & Thickness	-	-	-	-	-	Forecastle Deck Stringer Plate, brdth & thcknss	22	6	22	6		
WEB FRAMES, In After Body, No. and Spacing	-	-	-	-	-	" Angle on ditto	2 1/2	2 1/2	6	2 1/2	2 1/2	6
" Brdth. & Thickness	-	-	-	-	-	" Tie Plates	9	6	9	6		
" No. of Side Stringers	-	-	-	-	-	" Deck, Material and thickness	2 3/8		2 3/8			
" Size of Angles or Tee Bars to Web Frames	-	-	-	-	-	Are the outside Plates doubled two spaces of Frames in length?	-	-	-	-	Yes	
BUCKET PLATES to Stringers between Web Frames, Depth and Thickness	-	-	-	-	-	Are the Stance Valves and Watertight Doors in efficient working order?	-	-	-	-	Yes	



PLATING.																RIVETING.															
AS IN SHIP.										PER RULE OR AS APPROVED.						EDGES.						BUTTS.						IF LAPPED.			
STRAKES.		AMIDSHIP.				FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breadth of Lap.	Diam.	RIVETS.	Double or Treble and for what Length.		RIVETS.		STRAPS.		Breadth.	Thickness.	No.	For what Length.					
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.					
Flat Plate Keel		36	11	9	9	36	11					Double	1	5			D.R. all	7/8	3/8	11/4	11										
Garboard of A Strake		36	11	9	9	36	11					Double	1 1/2	3/4	3 1/2	"	"	"	"	"	"	"	"	"	"						
State actual thickness in way of Double Bottom.												"	"	"	"	"	T.R. 1/2 L	"	"	16 3/4	12										
D "												"	"	"	"	"	"	"	"	"	"	"	"	"	"						
E "												"	"	"	"	"	D.R. all	3/4	2 3/8	9 3/4	9										
F "												"	"	"	"	"	"	"	"	"	"	"	"	"	"						
G "												"	5 1/2	7/8	3 3/8	"	T.R. 1/2 L	7/8	3/8	16 3/4	14										
H "		42	12	9	9	34	12																								
J "																															
K "																															
L "																															
M "																															
N "																															
O "																															
P "																															
DOUBLING OF Flat Plate Keel		10	7/8	about	36 L. amidships.							Single	2 1/2	5/8	2 1/4	D.R. all	5/8	2 1/4	5	5											
Length and thickness of Bilges																															
of Sheerstrakes																															
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.? <i>Pennine's Marked, Frames and Shell Plating, D. Gault &amp; Sons Ltd., Reaford, Cheshire, Lancashire Sheet Pile Co., T. Bullock &amp; Sons, Ltd., Glasgow, Scotland, B.H. Fisher, Sunderland &amp; Newcastle-on-Tyne, S.F. Plating, Clydebank, Glasgow</i>																															
Has the Steel been tested as required by the Rules? <i>Yes.</i>																															
FRAMES extend in one length from <i>Centre line</i> to forecable bridge and poop stringer plates. REVERSED FRAMES on floors and frames extend from <i>Centre line to tween deck and gunwale alternately, according to F.P.S. spaces all to main deck, and doubled from bilge to bilge</i>																															
MASTS, SPARS, &c.																															
DIAMETER AND THICKNESS.																															
No. of Plates in round.																															
Angles.																															
Seams.																															
Butts.																															
LOWER MASTS.... Fore..... Main..... Mizzen.....																															
Bowprit.....																															
Topmasts, Yards and Remainder of Spars <i>White pine.</i>																															
Rigging, Material and Size, Shrouds <i>2 3/4 steel wire</i>																															
Sails..... Suit of Sails and the following spare sails																															
EQUIPMENT No. <i>10637</i> LETTER <i>V</i> TONNAGE FOR TRAWLERS U.D.K. ANCHORS.																															
Number of Certificate.																															
Anchors.																															
WEIGHT, EX STOCK.																															
WEIGHT OF STOCK.																															
TEST, PER CERTIFICATE.																															
WEIGHT REQUIRED BY TABLE 22.																															
Description of Anchor.																															
Makers.																															

**Correspondence.**—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*).  
 1st 2 26 1897. E 12 26 1897.

M. 15<sup>th</sup> June and 10<sup>th</sup> Aug. 1897. E. 22 - Old 10 11.

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

Is the riveted work properly closed? *yes.*

Are the liners between the frames and plates solid single pieces? *yes.*

to plate, &c., conform well to each other? *yes.*

from the faying surfaces? *yes.*

Do the holes for riveting plate to frames, butt straps, or plate

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 all good.*

*to be built in accordance with the Rules*

General Remarks (State quality of workmanship, &c.): Workmanship and materials  
This seven steamer has been built in accordance with the Rules  
and the accompanying tracings submitted and approved by the Committee  
please see Secretary's Letter above referred to.  
It is shown that in many important respects the Steamship

It will be observed that in many important respects the Scrutings are in excess of the Rule requirements.

An installation of electric lighting has been fitted.  
He has a poop, bridge deck and topgall forecastle of the Lugade slaked.  
Refitted to carry waker ballast in fore peak.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 50 ft., R.Q.D. or Break 22 ft., Bridge Dk. 40 ft., F'castle 46 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) 2 dks.

How are the surfaces preserved from oxidation? Inside cemented to hull, & 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. ✓

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed in accordance with the Rules.					
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,			Aft peak tank,	17.05	16
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,			(If necessary, furnish further information by sketch.)		

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

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

Order for Special Survey No. 3084

Date 7 July 1894

No. 70 in builder's yard

Dates of Surveys  
while building

1897. Sept 8. 10. 16. 23. 28. Oct 5. 11. 15. 22. 26. 29. Nov 3. 8. 11. 15. 26. 30.  
Dec 3. 10. 13. 15. 23. 27. 20. 1898. Jan 5. 7. 13. 19. 25. Feb 3. 15. 17. 21. 28.  
Mar 7. 14. 21. 25. 28. April 1. 7. 9. May 3. 20. 27. 31.

Total No. of Visits 45.

No. 72

Date hel 1898

Total No. of Visits

The amount of Entry Fee .....£ 2: : Fees applied for, 2.6.1898

Special .....£ 24: 7: Received by me, 4.6.1898

Certificate £ : V.R.

Travelling Expenses, if any £ 4 16: 6

\* Certificate to be sent to GLASGOW.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed \* 100A-1. "Steel":

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

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

Committee's Minute

Character assigned *good*

a p c s  
 T2 mc 5, 98  
 2 o k o

glee light

1892

White eyes.

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Hoyd's Book

The Surgeon

Full Certificate.

Lloyd's Register Foundation