

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

IRON OR STEEL STEAMER.

Received at London Office FEB 1895

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

Date of completion of Report 13 February 1895

Port of Glasgow

Date, First Survey 30th October 1894

Last Survey 3rd January 1895

No. 13472 Survey held at
On the 8th of February 1895

"Ellenreach"

Rig 2 Mast schooner

Master Robert McPhail

Year of appointment (1) As master in service of owner of present vessel: 1895
(2) As master of this vessel: January 1895

Built at Croy

When built 1895 Launched 25/12/94

By whom built McKnight & Co

Owners The Honourable Walter Stewart,
The Master of Blantyre

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

Residence Ellenreach, Glenidg,
Dumfriesshire

Port belonging to Glasgow

TONNAGE under Tonnage Deck...	140.86
Do. of Poop	
Do. of Raised Qr.	36.01
Do. of Break...	
Do. of Bridge House	
Do. of Forecastle	10.82
Do. of Houses on Deck	6.93
Do. of excess of Hatchways	1.13
Do. above Crown of Engine Room	9.53
Gross Tonnage	205.28
Less Crew Space	16.88
Less above Crown of Engine Room	9.53
TONNAGE FOR FEES	179.17
Less Engine Room	115.69
Less Navigation Spaces	9.08
Register Tonnage as cut on Beam	63.92

ONE OR TWO DECKED VESSEL.	
CLASS	*100
Half Breadth (moulded)	10.0
Depth from upper part of Keel to top of Main Deck Bms.	10.91
Girth of Half Midship Frame (as per Rule)	19.0
1st Number	38.91
Length	119.0
2nd Number	4630.29
Proportions—Breadths to Length	5.9
Depths to Length—Main Deck to top of Keel	10.9
Destined Voyage	

If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck as per Rule	119	0	BREADTH—Moulded	20	0	DEPTH—Top of Floors to Main Deck Beams	9	11	Power of Engines	47	Horse.	No. of Decks with Flat laid	one	No. of Tiers of Beams	one
Dimensions of Ship per Register, Length, 120' breadth, 20' depth, 9.95 Moulded Depth, ft. 10 ins. 6 Round of Beam 5" inches.															

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.						Inches in Ship.					
FRAME, Angles, 1" or 1 1/2" Bars, for 1/2 length amidships						KEEL, Bar or Side Plates depth and thickness					
Do. for 1/2 at each end						STEM, moulding and thickness					
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.					
Distance of Frames from moulding edge to moulding edge, all fore and aft						for Propeller					
REVERSED FRAME, Angles						MAIN PIECE of Rudder, diameter at head					
DEEP FRAMING, depth of girder						do. at heel					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						RUDDER, how constructed Side plate					
in way of Engines and Boilers						Can the Rudder be unshipped afloat?					
thickness at the ends of vessel						KEELSONS AND STRINGERS.					
depth at 1/2 the half breadth, as per Rule						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
height extended at the Bilges						Rider Plate					
FLOORS & BRACKETS, in C&D Bottoms						Bulb Plate to Intercoastal Keelson					
Distance apart						Horizontal Plates on Floors					
CENTRE GIRDER, in Double Bottom, depth and thickness						Angles					
Angles, Top						SIDE KEELSON, Angles					
Bottom						Bulb or Plate above floors for					
SIDE GIRDERS, number and thickness						Intercoastal Plate for					
Angles						Attached to outside plating with Angle					
MARGIN PLATE, depth (exclusive of flange) and thickness						BILGE KEELSON, Angle					
Angles						Bulb or Plate above floors for					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Intercoastal Plate for					
thickness in Engine and Boiler space						Attached to outside plating with Angle					
Remainder in Holds						BILGE STRINGER Angles					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						Bulb Plate for					
Angles on Upper Edge						Intercoastal Plate for					
Average space						Attached to outside plating with Angle					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						SIDE STRINGER Angles					
Angles on Upper Edge						Bulb or Intercoastal Plate for					
Average space						Attached to outside plating with Angle					
BEAMS, Hold, Plate or Tee Bulb						Main and Raised Quarter Deck Stringer Plate, breadth and thickness					
Angles on Upper Edge						Angle on ditto					
Average space						Tie Plates fore & aft, outside Hatchways					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						Diagonal Tie Plates on Bms., No. of Pairs					
Angles on Upper Edge						Main Dk* Iron or Steel for					
Average space						R. Q. Dk* Iron or Steel for					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						Wood Deck, Material & thickness					
Angles on Upper Edge						Lower Deck Stringer Plate, breadth and thickness					
Average space						Angles on ditto, No.					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						Tie Plates, outside Hatchways					
Angles on Upper Edge						Deck* Material and thickness					
Average space						Hold Stringer Plate					
PILLARS, In 'tween Decks, Size and Spacing						Angles on ditto, No.					
Hold						Poop Deck Stringer Plate, breadth & thickness					
Quarter, 'tween Dks.						Angle on ditto					
in Hold						Tie Plates					
WEB FRAMES, In Fore Body, No. and Spacing						Deck, Material and thickness					
Brdth & Thickness						Bridge Deck Stringer Plate, brdth & thickness					
No. of Side Stringers						Angle on ditto					
WEB FRAMES, In E. & B. Space, No. & Spacing						Tie Plates					
Brdth & Thickness						Deck, Material and thickness					
No. of Side Stringers						Forecastle Deck Stringer Plate, brdth & thickness					
Size of Angles or Tee Bars to Web Frames						Angle on ditto					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						Tie Plates					
						Deck, Material and thickness					

BULKHEADS.		STIFFENERS.		Single or Double Frames.		Height up.	
In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.	Spacing.		
4	4	1/4"	22x25	22x25	30"	11	11
W.T. BULKHEADS							
PARTITION							
LONGITUDINAL							
Are the outside Plates doubled two spaces of Frames in length?							

13472 920

PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.				EDGES.				BUTTS.					
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing cr. to cr.			Diam.	Spacing cr. to cr.		Breadth.	Thickness.	Breadth.	For what Length.			
	Inches.	1/2 or 20ths.	1/2 or 20ths.	1/2 or 20ths.	Inches.	1/2 or 20ths.				Inches.	Inches.		Inches.	Inches.	Inches.	1/2 or 20ths.	Inches.			
Flat Plate Keel	32	7	7	7	32	7	double	4 1/2	3/4	3	double	3/4	2 5/8	9 3/4	7					
Garboard or A Strake	42	6	5	5		6	single	2 1/2	5/8	2 5/8	treble	5/8	2 1/4	12	7					
B	48	6	5	5		6	"	2 1/2	3/4	3	double	5/8	2 1/4	8	6					
C	40	7	6	6		7	"	2 1/2	3/4	3	"	3/4	2 5/8	9 3/4	8					
D	48	6	5	5		6	double	4 1/2	3/4	3	"	5/8	2 1/4	8	6					
E	Shur 34	7	6	6	34	7	treble	2 1/2	3/4	3	"	3/4	2 5/8	9 3/4	8					
F	48	6	5	5		6	single	2 1/2	5/8	2 5/8	"	"	2 1/4	"	5					
G							"	"	"	"	"	"	2 1/4	"	5					
H																				
J																				
K																				
L																				
M																				
N																				
O																				
P																				
DOUBLING of Flat Plate Keel																				
Length and thickness of Bilges																				
Length and thickness of Sheerstrakes	20-6				at break															
Length and thickness of Strake below																				
POOP SIDES																				
RAISED QUARTER DECK SIDES		6			5	6	single	2 1/2	3/4	3	double	5/8	2 1/4	8	6					
BRIDGE SIDES		5				5	"	"	"	5/8	2 5/8	"	"	2 1/4	"	5				
FORECASTLE SIDES					5	5	"	"	"	"	"	"	"	2 1/4	"	5				
LENGTHS OF PLATING	14 feet																			

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. *Siemens-Martin Steel*

Frames, Rds *Ball*
Beams *1 ball*
Knees, Sheel, Deck, Bulwark Vanguards

Main Stringer Plate { Butts, *double* riveted for *whole* length amidship;
Straps, single, *double or overlapped* for *all* length amidship

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *treble*

Inner Bottom Plating, riveting of Edges *✓* Butts *✓*

Centre Girder Butts, *✓* riveted. Keelson Butts, *treble* riveted.

Frames, riveted through Plates with *5/8* in. Rivets, about *7* dia apart.

Rivets, state whether of Iron or Steel *Iron*

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

REVERSED FRAMES on floors and frames extend from *Or to ridge* *but Or to ridge & ridge all + under Q.D. & 7 feet*

MASTS, SPARS, &c.											
	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Wood										
Main	"										
Mizen	"										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds	Steel wire										
Sails.	one	Suit of	good								

Stays *Steel wire*

Sails and the following spare sails

EQUIPMENT No. *5104-8* LETTER *C* TONNAGE FOR TRAWLERS *U.Dk.*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY RULE			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
35554	1st Bower	5	0	22	1	1	12	7	11	3	14	5	0	0	Trotman	J. P. Jones & Co. D. S. Lewis, Netherley.	
35553	2nd "	5	0	15	1	1	13	7	11	3	14	5	0	0	"	"	
	3rd "																
	Collective weight																
35552	Stream	1	2	7	0	1	14	3	15	0	0	1	2	0	Ordinary	J. P. Jones & Co. D. S. Lewis, Netherley.	
	Kedge	0	3	0								3	0		"	"	
	2nd Kedge																

CHAIN CABLES.										HAWSERS AND WARPS.					
Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.	
				Supplied.	Per Rule.										
24294	75	3/16	11.17.20	27.2.15		135 x 13/16	Steel	J. P. Jones & Co. D. S. Lewis, Netherley.		TOWLINE made	75	6"		75 x 6	
24295	60	3/16	11.17.20	21.2.16			Wire	"	"		HAWSER	90	4"		90 x 4
				49.1.6	45.3.3						WARP				
Iron Stream Chain or Steel Wire, ...	45 1/2	9/16	3.18.00	8.3.0	8.0.0	45 x 9/16	short wire	J. P. Jones & Co. D. S. Lewis, Netherley.							

Boats *2 life boats*

Pumps, Number *2 at 4 x 2 & 1 at 3 x 1 1/2* Diameter of Barrel and Tail Pipe

Windlass is *Clark Chapman Messenger chain* Capstan *✓*

Engine Room Skylights.—How constructed? *Leak*

What arrangements for deadlights in bad weather? *Gratings*

Coal Bunker Openings.—How constructed? *Covered* How are lids secured? *flush with beam* Height above deck? *flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *2 scuppers per side in well Pts 2 at 2-6 x 2-0*

Ceiling in Holds, thickness and material *2"* Ceiling 'tween Decks, thickness and material *✓*

Cargo Hatchways.—How formed? *deep coaming* Hatches.—If strong and efficient? *yes*

State size No. 1 Hatch (Forward) *12-2 x 10-0* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Shifting beam & fore & afters*

No. of Breasthooks *2* No. of Crutches *✓*

Bulwarks, height above deck and description *3-9 x 5.10* Main Rail, material and size *6 x 2 1/2*

The above is a correct description.

Builder's Signature (here only.) *S. W. Knight* Surveyor's Signature *Alamphell Holmes*

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

13472-egs

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case).

M 17th Sep 1894 E 21st Nov 1894

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*

to plate, &c, conform well to each other? *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? *no*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes*

General Remarks (State quality of workmanship, &c.)

This vessel has been built under special survey in accordance with the approved plans in number enclosed herewith and the midship section already sent forward Also in compliance with the Secretary's letters of above dates The rules of the Society have been adhered to & the material & workmanship are good throughout The hand pumps & WT down have been tested

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 *6 1/2* ft., Bridge Dk. *10.5* ft., F'castle *26.0* 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

The quarter deck & Bridge house are connected

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 Dk part steel*

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system ☒

Where fitted.	Length. Feet.	Water Capacity Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,	<i>10.5</i>	<i>7.0</i>
Double bottom, forward,	<input checked="" type="checkbox"/>		After peak tank,	<input checked="" type="checkbox"/>	
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		Midship deep tank,	<input checked="" type="checkbox"/>	
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Other tanks, if fitted,	<input checked="" type="checkbox"/>	
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules *yes, F.P. TANK.*

Order for Special Survey No. <i>2803</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>1894: October, 30th</i>
Date <i>24th Sept 1894</i>		2nd. On the plating during the process of riveting	<i>November, 2nd 7th 13th 19th 22nd 27th</i>
Order for Ordinary Survey No. <i>✓</i>		3rd. When the beams were in and fastened and before the decks were laid	<i>December, 4th 6th 13th 20th 26th</i>
Date <i>24th</i>		4th. When the ship was complete, and before the plating was finally coated or cemented	<i>1895: January 4th 11th 15th 23rd 31st</i>
No. <i>45</i> in builder's yard		5th. After the ship was launched and equipped	Total No. of Visits <i>17</i>

The amount of Entry Fee£ *1 : " : "* Fees applied for, *13/2 1895*
Special.....£ *8 : 19 : "*
Certificate* £ *" : " : "* Received by me, *15/2 1895*
Travelling Expenses, if any £ *1 : 15 : 6*

I am of opinion this Vessel should be Classed ** 100 A 1 Steel*

With, or without Freeboard, as condition of Class

* Certificate to be sent to

Glasgow

David Nicholas
Alampbell Holmes

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

Committee's Minute

TUES 19 FEB 1895

Character assigned

100 A 1 Steel

*2 atcl
+ 2 m/c 2.95*

*15k (pt. stl)
Well dk.*

This vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted she is eligible to be classed 100 A 1 (Steel) as recommended.

+ 100 A 1 (Steel)

15k (pt. stl) "m/c stl"

M.B. = FPT 75

BR 7" Cens.

GLS171-0250 (2/2)