The original 1st C Report could not be found sent for Copy - Report + plans found 21/8/17

Sailing Vessel. ~~IRON OR~~ STEEL SAILING SHIP.

No. 11669

Port of Glasgow Date of completion of Report 2nd Aug 1892 Received at London Office

Survey held at Glasgow Date of First Survey 25 Feb Last Survey 2nd Aug. 1892

On the "Yola" Rig Ship - 3 Masts.

TONNAGE under Tonnage Deck	1363·49
Do. of Poop	88·23
Do. of raised Qr. Dk. or Break	
Do. of Bridge House	
Do of Forecastle	
Do. of Houses on Deck	38·30
Do. of excess of Hatchways	
Gross Tonnage	1490·02
Less Crew Space	44·38
TONNAGE FOR FEES..	1445·64
Less Navigation spaces	38·51
Register Tonnage *as cut on Beam....*	1407·13

~~ONE OR~~ TWO DECKED VESSEL.

CLASS 100 A

	FEET.
Half Breadth *(moulded)*	19·25
Depth *from upper part of Keel to top of Upper Deck Beams*	25·29
Girth *of Half Midship Frame (as per Rule)*	40·22
1st Number	84·76
Length	218·58
2nd Number	18526
Proportions—*Breadths to Length*	5·67
Depths to Length—Upper Deck to top of Keel	8·64

Destined Voyage Sydney ~~If~~ Surveyed while Building, ~~Afloat, or in Dry Dock~~

Master J. Pennicuik

Year of Appointment (1) As master in service of owner of present vessel :—18 79 (2) As master of this vessel 18 92

Built at Glasgow

When built 1892 Launched 8th July.

By whom built John Reid & Co (Limd)

Owners McDiarmid Greenshields & Co.

Managers

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

Residence Liverpool

Port belonging to Liverpool

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on deck as per rule	218	7	**BREADTH**—Moulded	38	6	**DEPTH**—Top of Floors to Upper Deck Beams	23	2½	No. of Decks with Flat laid Two; No. of Tiers of Beams Two

Dimensions of Ship per Register, Length, 228·0 breadth, 38·55 depth, 23·0. Moulded depth, ft. 24 in. 6. Round up of Beam 9½ ins.

FORGINGS ~~AND CASTINGS.~~	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side Plates~~, depth and thickness	9 × 2½	9 × 2½
STEM, moulding and thickness	8½ × 2½	8½ × 2½
STERN-POST, do. do.	8½ × 2½	8½ × 2½
MAIN-PIECE of RUDDER, diameter at head	6¼	6¼
,, ,, ,, at heel	3¼	3¼

RUDDER, how constructed Frame forged & plated

Can the Rudder be unshipped afloat? Yes

FRAMING.	Inches in Ship.	Inches in Ship.	20ths in Ship	Inches per Rule Or as	Inches per Rule Appro	20ths per Rule ved.
FRAME, Angles, ~~Bars, or~~ ~~L~~ length amidships	5	3½	8	5	3½	8
Do. for ⅓ at each end	5	3½	7	5	3½	7
Distance of Frames from moulding edge to moulding edge, all fore and aft		24			24	
REVERSED FRAME, Angles	3½	3½	8	3½	3½	8
DEEP FRAMING, depth of girder	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for ⅔ length amidships	25		10	25		10
,, thickness at the ends of vessel			8			8
,, depth at ¾ the half breadth, as per Rule		12½			12½	
,, height extended at the Bilges		50			50	
BEAMS, Main Deck, ~~Single Angle, Bulb Angle, Plate or~~ Tee Bulb	9	5½	9	9	5½	9
,, ~~Angles on Upper Edge~~	✓					
,, Average space		48			48	
BEAMS, Lower Deck, ~~Plate or~~ Tee Bulb	10	6	10	10	6	10
,, ~~Angles on Upper Edge~~	✓					
,, Average space		48			48	
BEAMS, Hold, Plate or Tee Bulb	✓					
,, Angles on Upper Edge	✓					
,, Average space	✓					
BEAMS, Poop Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	6½	3	8	6½	3	8
,, ~~Angles on upper edge~~	✓					
,, Average space		48			48	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, or Tee Bulb	✓					
,, Angles on upper edge	✓					
,, Average space	✓					
BEAMS, Forecastle Deck, ~~Single Angle, Bulb Angle, Plate or Tee~~ Bulb Angle	7½	3	18	8		8
,, Angles on Upper Edge	3	2½	8	3	3	7
,, Average space		48			48	
PILLARS, In 'tween Decks, Size and Spacing	2¾			2¾		
,, ,, **Hold** ,, ,,		48			48	
,, **Quarter, 'tween Dks.** ,, ,,	✓					
,, ,, **in Holds,** ,, ,,	4			4		
~~**WEB FRAMES,** Number and Spacing~~		48			48	
,, ,, ~~Breadth and thickness~~						
,, ~~No. of Side Stringers, breadth & thickness~~						
,, ~~Size of Angles or Tee Bars to Web Frames~~						
~~**BRACKET PLATES to Stringers between Web Frames,** Depth and Thickness~~						

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule Appro	20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~	18		13	18		13
,, Rider Plate	12		13	11¾		13
,, ~~Bulb Plate to Intercostal Keelson~~	✓					
,, ~~Horizontal Plates above floors~~	✓					
,, Angles	5½	4	9	5½	4	9
SIDE KEELSON, Bulb Angles	6½	3	9	5½	4	9
,, ~~Bulb or Plate above floors for lng.~~	✓					
,, Intercostal Plate for 130 ft length			8			8
,, Attached to outside Plating with Angle	3	3	7	3	3	7
BILGE KEELSON, Bulb Angle	6½	3	9	5½	4	9
,, ~~Bulb above floors for length~~	✓					
,, Intercostal Plates for 94 ft length			7			7
,, Attached to outside Plating with Angle	3	3	7	3	3	7
BILGE STRINGER, Angles	5½	4	9	5½	4	9
,, Bulb Plate for whole length	9½		9	9½		9
,, ~~Intercostal Plates for length~~	✓					
,, ~~Attached to outside Plating with Angle~~	✓					
SIDE STRINGER, Angles	5½	4	9	5½	4	9
,, Bulb Plate for whole length	9½		9	9½		9
,, ~~Intercostal Plate for len.~~	✓					
,, ~~Attached to outside Plating with Angle~~	✓					
~~**UPPER SIDE STRINGER,** Angles~~	✓					
,, ~~Bulb Plate for length~~	✓					
,, ~~Intercostal Plate for len.~~	✓					
,, ~~Attached to outside Plating with Angle~~	✓					

Main Deck Stringer Plate, breadth and thickness	46 10	46 10
,, Angle on ditto	4½×4½×9	4½×4½×9
,, Tie Plates fore and aft, outside Hatchways	13 10	13 10
,, Diagonal Tie Plates, No. of Prs. 6	13 10	13 10
,, Main Dk.* Iron or Steel for len.	✓	
,, Wood Deck, Material & thickness	4 Y. pine	4
Lower Deck Stringer Plate, breadth and thickness	33 9	33 9
Is the Stringer Plate attached to the Outside Plating?	Yes	Yes
,, Angles on ditto, No. Two	4×4×9	4×4×9
,, Tie Plates, outside Hatchways	13 9	13 9
,, Diagonal Tie Plates, No. of Prs.	✓	
,, Deck, Material & thickness	2½ W. pine	2½
Hold Stringer Plate	✓	
Is the Stringer Plate attached to the Outside Plating?	✓	
,, Angles on ditto, No.	✓	
Poop Deck Stringer Plate, breadth & thickness	36 8	36 8
,, Angle on ditto	3½×3×6	3½×3×6
,, Tie Plates	10 8	10 8
,, Deck, Material and thickness	3 Y. pine	3
Bridge Deck Stringer Plate, breadth & thckns	✓	
,, Angle on ditto	✓	
,, Tie Plates	✓	
,, Deck, Material and thickness	✓	
Forecastle Deck Stringer Plate, b'dth & thkns	27 7	27 7
,, Angle on ditto	3½×3×6	3½×3×6
,, Tie Plates	10 7	10 7
,, Deck, Material and thickness	3 Y. pine	3

* *If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.*

BULKHEADS.	Number. In Vessel.	Number. Per Rule.	Thickness.	STIFFENERS. Horizontal.	Vertical.	Spacing	Single or Double Frames.	Height up.
				16ths. or 20ths.	Inches.	Inches.		
Iron **W. T. BULKHEADS**	1	1	7/16-6/16		5×3½×8/20	30	double	main dk
PARTITION ,,				7½×3×10/20 bulb angle		48		

Are the outside Plates doubled two spaces of Frames in length? Yes

Form No. 1D.

GLS229-0175 7/2

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PLATING. / RIVETING.

STRAKES.	As in Ship – Amidship Breadth (Inches)	As in Ship – Amidship Thickness (20ths)	Forward Thickness (20ths)	Aft Thickness (20ths)	Per Rule or as approved – Amidship Breadth (Inches)	Per Rule – Amidship Thickness (20ths)	Edges – Single or Double	Edges – Breadth of Lap (Inches)	Edges – Rivets Diam. (Inches)	Edges – Rivets Spacing cr. to cr. (Inches)	Butts – Double or Treble and for what Length	Butts – Rivets Diam. (Inches)	Butts – Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (16ths or 20ths)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
Keel (Riveting)	Double rivetted 1 1/8 rivets 5 5/8 apart.																
Garboard or A Strake	36	12	✓	✓	36	12	double	5 1/4	7/8	3 3/7	treble 1/26	7/8	3 1/8				
B		10	✓	✓		10	"	"	"	"	for full	"	"			9	full
C		10	✓	✓		10	"	"	"	"	" "	"	"			"	"
D		11	✓	✓		11	"	"	"	"	" "	"	"			"	"
E		11	✓	✓		11	"	"	"	"	" "	"	"			"	"
F		11	✓	✓		11	"	"	"	"	" "	"	"			"	"
G		11	✓	✓		11	"	"	"	"	" "	"	"			"	"
H		11	✓	✓		11	"	"	"	"	" "	"	"			"	"
J		10	✓	✓		10	"	"	"	"	" "	"	"			9	full
K		10	✓	✓		10	"	"	"	"	" 1/26	"	"				
L		10	✓	✓		10	double	5 1/4	7/8	3 3/7	" 1/26	"	3 1/8				
Sheerstrake M	42	14	✓	✓	42	14					treble 1/26						
N	✓																
Poop ~~or R. Q. Dk.~~ Sides	✓			6		6	Butt Straps of shell plating							16 3/4" - 9 3/4" - 10/20 - 8/20			
~~Bridge Sides~~	✓																
Forecastle Sides			6			6											
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.? Parkhead, Mossend, Blochairn Hallside and Clydebridge - Siemens process.

Main Stringer Plate { **Butts,** treble riveted for half length amidship. ~~Straps, single, double or~~ overlapped for full length amidship

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

Centre Girder Butts, ✓ riveted. **Keelsons Butts,** ✓ riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/4 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Keel to upper deck.

REVERSED FRAMES on floors and frames extend from middle line to main deck and to forecastle. alternately.

MASTS AND SPARS.

MASTS, &c.		Material.	Total Length (Feet. Ins.)	Diameter and Thickness at – Partners (Ins.)	Heel (Ins.)	Hounds (Ins.)	Head (Ins.)	No. of Plates in Round	Angles – Number	Angles – Size (Inches)	Riveting – Seams	Riveting – Butts
Lower Masts	Fore	Steel	83-8	27-9/20	21-7/20	22½-7/20	18-7/20	2	3	3½×3×8/20	double	treble
	Main	"	82-4	27-9/20	21-7/20	22½-7/20	18-7/20	2	3	" " "	"	"
	Mizen	"	77-0	25-7/20	19½-7/20	21-7/20	16½-7/20	2	3	" " "	"	"
	Jigger	✓	K Hd to Cap	Bed.			Cap					
Bowsprit		Steel	17-6	25½-8/20			17½-7/20	2	2	3×2½×6/20	Sing.	"
Topmasts	Fore	"	32-0		18-7/20	14½-5/20	12½-5/20	2	2	3½×3×8/20	"	"
	Main	"	32-0		18-7/20	14½-5/20	12½-5/20	2	2	" " "	"	"
	Mizen	"	26-0		16½-7/20	11½-5/20	10-4/16	2	2	- - -	"	"
	Jigger	✓										
YARDS. Lower Yards	Fore	Steel	75-0	At Centre	18-4/20	At Ends	9-4/16	2			"	"
	Main	"	75-0	"	18-6/20	"	9-4/16	2			"	"
	Crossjack	"	61-6	"	15-5/20	"	7½-4/16	2			"	"
	Jigger	✓		"		"						
Topsail Yards – Fore	Lower	Steel	66-6	"	16-4/20	"	8-4/16	2			"	"
	Upper	"	61-0	"	15-5/20	"	7½-4/16	2			"	"
Topsail Yards – Main	Lower	"	66-6	"	16-4/20	"	8-4/16	2			"	"
	Upper	"	61-0	"	15-5/20	"	7½-4/16	2			"	"
Topsail Yards – Mizen	Lower	"	51-6	"	14-5/20	"	7-4/16	2			"	"
	Upper	"	48-4	"	12-5/20	"	6-4/16	2			"	"
Topsail Yards – Jigger	Lower	✓		"		"						
	Upper	✓		"		"						

Remainder of **Spars** Steel and pine.

RIGGING.

Material.	Shrouds No.	Shrouds Size (Ins.)	Stays No.	Stays Size (Ins.)
Steel Wire		4 1/8		4 1/8
		4 1/8		4 1/8
		3 1/4		3 1/4

Quality

SAILS.

one Suit of Sails, and the following Spare Sails Suit of fore and main sails.

TONNAGE FOR TRAWLERS U.Dk.

EQUIPMENT No. 19761 **LETTER** t

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock Cwts.	qrs.	lbs.	Weight of Stock Cwts.	qrs.	lbs.	Test, per Certificate Tons.	cwts	qrs.	lbs.	Weight Req. per Rule Cwts.	qrs.	lbs.	Description of Anchor.	Makers. (If Patent state Name of Patentee.)	Where and when tested and Superintendent.
32248	1st Bower	34	2	12	8	2	0	32	1	3	14	34	0	0	Rogers		2-6-92
31953	2nd	34	0	17	8	2	16	31	14	1	14	34	0	0	"		7-5-92 Netherton
32247	3rd	29	2	4	7	0	15	28	6	3	14	29	0	0	"	Thos. G. Jones & Co.	2-6-92 D. G. Lewis
	Collective weight	98	1	0								97	0	0			
32392	Stream	11	0	16	2	2	27	13	2	2	0	10	3	0	"		28-6-92
32391	Kedge	5	2	26	1	1	16	8	0	2	14	5	2	0	"		28-6-92 G. Horspool.
32389	2nd Kedge	2	3	14	0	2	24	5	7	2	0	2	2	0	"		28-6-92

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable – Supplied.	Per Rule.	Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.
									23-6-92
21534	135 3/4	1 7/8	88½-65½	244-0-23		270-1 7/8	Stud link	Thos. G. Jones & Co.	2-7-92 Netherton
21572	135 1/2	"	" "	243-2-25			"		28-4-92 D. G. Lewis
Iron Stream Chain ~~or Steel Wire~~	75 1/4	1	27-18	40-0-1		75-1	"		

HAWSERS AND WARPS

Material.		Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Rule.
Towline	Steel wire	90	3½	26	90 - 3½
Hawser	Hemp	90	10½		90 - 10
Warp		90	6½		90 - 6
		100	4		

Boats Two life boats & one other

Pumps, Number 2 in hold & 1 in fore peak. Diameter of Barrel and Tail Pipe In hold 6" × 3" - In peak 3" × 1½".

Windlass is Harfield & Cos. patent. **Capstan** Good.

Number of **Scuppers,** and number and dimensions of **Freeing Ports** On each side 4 scuppers 3 ports 29" × 23½" 1 port 24" × 12" and 2 mooring pipes

Ceiling in Holds, thickness and material 2½ R pine **Ceiling 'tween Deck,** thickness and material 2 white pine

Hatches, if strong and efficient? Solid 3"

Cargo Hatchways.—How formed?— of plates and angles.

State size **No. 1 Hatch** (Forward) 7'-11" × 7'-6" × 18" **No. 2 Hatch** 15'-11" × 11'-0" × 18" **No. 3 Hatch** 7'-11" × 7'-6" × 18"

Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch In No 1 & 3 one fore & after — No 2 one shifting beam and 3 fore & afters

No. of Breasthooks six **No. of Crutches** five.

Main Rail, material and size Channel Iron 9×3 & Greenheart 5×3½ Topgallant Rail 2 Copes 3×1½

Bulwarks, height above deck and description 5'-0" Iron plating 5/16

The above is a correct description.

Builder's Signature (here only.)

Surveyor's Signature (Signed) Jos. Thomson

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

Form 11.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*) 3rd Feb 1892 M.

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 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 faying 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 or lapped? Yes

General Remarks (State quality of workmanship, &c.) The workmanship throughout is good.

This vessel is built of Steel in accordance with midship section forwarded to London on the 2nd Aug. 1892, the accompanying tracings (3 in No), the Secretarys letter referred to above, and in general conformity with the Rules for the Class contemplated.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38 ft., R.Q.D. or Break ✓ ft., Bridge Dk. ✓ ft., F'castle 26.5 ft. (in feet and tenths). 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 Decks, 2 tiers of Beams.

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside By cement & paint Outside By paint.

Order for Special Survey No. 2579 Date 4 Feb 1892

Order for Ordinary Survey No. ✓ Date ✓

No. 8/T in builder's yard.

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: 1892 Feb 25. March 3, 10, 15, 18, 22, 29. April

2nd. On the plating during the process of riveting: 5, 8, 12, 15, 22, 26, May 4, 9, 12, 20, 24, 26, 30

3rd. When the beams were in and fastened, and before the decks were laid: June 3, 6, 8, 13, 16, 21, 24, 29. July 2, 5, 7, 13, 23, 27 Aug 2

4th. When the ship was complete, and before the plating was finally coated or cemented

5th. After the ship was launched and equipped

Total No. of Visits 35

The amount of Entry Fee £ 4 : 0 : 0

Special Survey Fee £ 61 : 3 : 0

Travelling Expenses, if any £ : :

Fees applied for, 18 Received by me, 3/8/1892

Certificate to be sent to Glasgow.

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

With, or without Freeboard, as condition of Class

(Signed) Jos. Thomson.

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

Committee's Minute

Character assigned

The Surveyors are requested not to write on or below the Committee's Minute.

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