

~~Awning or Shelter Deck,~~

~~or Pt. Awning Deck.~~

STEEL STEAMER.

No. 41612

Port of Glasgow

Date of completion of Report 23rd Dec 1921

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

Survey held at Glasgow

Date, First Survey 1st Sept 1919

Received at London Office 23rd Dec 1921

Last Survey 23rd Dec 1921 191

On the (State if Single, Twin, or Triple Screw) Twin

5/8 "LARGE BAY"

Rig Schooner

TONNAGE under 9271.73

CLASS DA 100A1 "SHelter DECK" WITH FREEBOARD FEET.

Do. between Tonnage Dk and 2608.85

Breadth (greatest moulded) 68.0

Master

Total under Upper Dk. 11880.58

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 43.5

Year of Appointment

(1) As Master in service of owner of present vessel: 191

Do. of Poop 321.65

Deduct height of 'tween deck when this does not exceed 8ft 8.0

Built at Dalmeny

Do. of Bridge House 160.9

Transverse Number 103.5

When built 1921 Launched 20th June 1921

Do. of Forecastle 883.51

Length on deck from fore part of stem to after part of sternpost 530.0

By whom built H Beardmore & Co Ltd

Do. of excess of Hatchways 4.81

Longitudinal Number 54855

Owners Australian Commonwealth

Do. above Crown of Engine Room 13851.45

Depth "d" at middle of length. See Secs. 2 & 13 14.4 + 22.10

Managers Foot Line of Steamers

Gross Tonnage 708.06

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 12.18

Residence

Less Crew Space 4432.46

Upper Deck at side to top of keel 14.92

Port belonging to Adelaide

Less above Crown of Engine Room 254.08

Less Navigation Spaces

Register Tonnage 8456.85

Destined Voyage Australia

If Surveyed while Building, Afloat, & in Dry Dock Yes

Length on s per Rule 530 0

BREADTH Moulded 68 0

DEPTH, ACTUAL—Top of Floors to top of Shelter Dk. Beams 39 9

No. of Decks with flat laid 3

No. of Tiers of Beams 3

Length 530.9 breadth 68.3 depth 39.9

Upper Deck. Moulded depth, ft. 43 ins. 6

To Awning or Shelter Dk.

Round up of Uppermost Dk. Beam, Actual 6 ins

FRAMING

Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

PILLARS.

Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

5 HOLDS 4.5 4.5 4.5 4.5 4.5

Bars, amidships 9 3/4 3/4 50 9 3/4 3/4 50

PILLARS, in 'tween Deck, size and spacing 2 Rows of wide spaced pillars & girders as per approved plan.

" " Hold " "

in peaks AFT. SOLID FLOORS. FWD. L.

in way of Double Bottoms at Solid Floors 3 3/4 3/4 52 3 3/4 3/4 52

" " Quarter, 'tween Dks., " "

" " in Hold " "

in way of Double Bottoms at Solid Floors 3 3/4 3/4 52 3 3/4 3/4 52

of Frames from centre to centre amidships 32 32

KEELSONS AND STRINGERS.

Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

length to collision bulkhead 27 27

of Frames from centre to centre in peaks 3 3/4 3/4 52 3 3/4 3/4 52

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

" Rider Plate

SED FRAME, Angles 4 1/4 4 1/4 52 4 1/4 4 1/4 52

in way of Double bottoms at Solid Floors 3 3/4 3/4 52 3 3/4 3/4 52

" Flat Keel Plate Angles

" Horizontal Plates on Floors

in way of Double bottoms at Solid Floors 3 3/4 3/4 52 3 3/4 3/4 52

NG, depth of girder 9 1/2 9 1/2

" Angles or Bulb Angles

" Plate above floors, for length

S, depth and thickness of Floor Plate 3 3/4 3/4 58 3 3/4 3/4 58

at mid-line for 1/2 length amidships 5 5 64 5 5 64

" Intercoastal Plate, for length

" Attached to outside plating with Angle

in way of Engine and Boiler spaces 6 6 58 6 6 58

thickness at the ends of vessel 50 50

BILGE KEELSON, Angles

" Intercoastal Plate, for length

depth at 1/2 the half-bdth. as per Rule 32 27 32 27

eight extended at the Bilges 50 50

" Attached to outside plating with Angle

" Intercoastal Plate, for length

in Cell Double Bottoms 50 50

state if flanged (top and bottom) No No

SIDE STRINGERS, Number Two Two

" Angle 6 3/4 50 6 3/4 50

spacing of Solid 32 27 32 27

GIRDER, in Dbl. bottom, depth & thickness 50 50 66 50 50 66

" Intercoastal Plate, for full lng. 36 44 36 44

" Attached to outside plating with Angle 6 6 50 6 6 50

" Angles, Top 3 3/4 3/4 58 3 3/4 3/4 58

" Bottom 5 5 64 5 5 64

" to Floors 6 6 58 6 6 58

" to Floors 6 6 58 6 6 58

" to Floors 6 6 58 6 6 58

BRACKETS, number and thickness Three 46 Three 46

Awning or Shelter Deck Stringer Plates, breadth and thickness 72 90 72 90

" Angle on ditto 4 1/4 52 4 1/4 52

Angles Vertical 4 1/4 52 4 1/4 52

PLATE, depth (exclusive of flange) and thickness 43 56 43 56

" Tie Plates, fore and aft, outside Hatchways 6 1/2 80 6 1/2 80

" Deck, * Iron or Steel, for full lng. 62 58 62 58

Angles to outside plating 4 4 56 4 4 56

" to brackets 6 6 58 6 6 58

" Wood Deck, Material & thickness 5 3 0 Pepsan Teakwood inside

Upper Deck Stringer Plate, breadth and thickness 52 52 52 52

Angles on ditto, No. Two

" Tie Plates, outside Hatchways 4 1/4 52 4 1/4 52

" Deck, * Iron or Steel, for full lng. 50 46 50 46

" Wood Deck, Material & thickness Teakwood

" Deck, * Iron or Steel, for full lng. 50 46 50 46

Second Deck Stringer Plates, br'dth & thck'n's 52 46 52 46

" Angles on ditto, No. Two

" Tie Plates, outside Hatchways 4 1/4 52 4 1/4 52

" Deck, * Iron or Steel, for full lng. 50 46 50 46

Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness 52 46 52 46

" Angles on ditto, No. Two

" Tie Plates, outside Hatchways 4 1/4 52 4 1/4 52

" Deck, * Iron or Steel, for full lng. 50 46 50 46

Forecastle Deck Stringer Plate, br'dth & thck'n's 44 48 40 44 40

" Angles on ditto 3 3/4 46 3 3/4 46

" Tie Plates 30 30

" Deck, * Iron or Steel, for full lng. 50 46 50 46

Bridge Deck Stringer Plate, br'dth & thck'n's 44 48 40 44 40

" Angles on ditto 3 3/4 46 3 3/4 46

" Tie Plates 30 30

" Deck, * Iron or Steel, for full lng. 50 46 50 46

Forecastle Deck Stringer Plate, br'dth & thck'n's 35 40 35 40

" Angles on ditto 3 3/4 46 3 3/4 46

" Tie Plates 30 30

" Deck, * Iron or Steel, for full lng. 50 46 50 46

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Forecastle Deck Stringer Plate, br'dth & thck'n's 35 40 35 40

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing: 20 18 1/2 190 20 18 1/2 190

" " " " brdth. & thickness: 36 56 36 56

" " " " No. of Side Stringers: 20 36 1/4 20 36 1/4

WEB-FRAMES, In E. & B. Space, No. and spacing: Divisional bulkheads in oil tanks in B.S.

" " " " brdth. & thickness: 11 1/2 as per approved plan of after end framing

" " " " No. of Side Stringers: 6 3 1/2 50 6 3 1/2 50

Size of Face Angles to Web-Frames: 27 50 27 50

BRACKET PLATES to Stringers between Web Frames, depth and thickness: 27 50 27 50

BULKHEADS.

Number, Thickness, Vessel, Per Rule, Horizontal, Vertical, Single or Double, Height up, state dock.

TYPICAL W.T. BULKHEADS: 48 to 28

" COLLISION " PARTITION " LONGITUDINAL "

10 BULKHEADS. 3 TO SHELTER (B) DECK 1 TO SECOND (D) DECK

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

Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*

PLATING.

STRAKES. AS IN SHIP. PER RULE OR AS APPROVED.

FLAT PLATE KEEL: 52 1 1/2 26 96 88 52 1 1/2 26

GARBOARD OF A STRAKE: 86 76 68 86 76 68

State actual thickness in way of Double Bottom: 82 80 70 82 80 70

E: 82 70 70 82 70 70

F: 82 64 70 82 64 70

G: 80 60 60 80 60 60

H: 80 52 60 80 52 60

J: 80 52 56 80 52 56

K: 80 52 54 80 52 54

L: 80 52 52 80 52 52

M: 80 52 56 80 52 56

N: 52 98 52 60 52 98

Shelter Deck: 57 1 1/2 70 60 57 1 1/2

P: 57 1 1/2 70 60 57 1 1/2

Q: 57 1 1/2 70 60 57 1 1/2

R: 57 1 1/2 70 60 57 1 1/2

S: 57 1 1/2 70 60 57 1 1/2

T: 57 1 1/2 70 60 57 1 1/2

U: 57 1 1/2 70 60 57 1 1/2

V: 57 1 1/2 70 60 57 1 1/2

W: 57 1 1/2 70 60 57 1 1/2

THICKNESS OF STRAKE: 52 1 1/2 26 96 88 52 1 1/2 26

CLEAR OF LONG BRIDGE: 86 76 68 86 76 68

DO. OF STRAKE BELOW: 82 80 70 82 80 70

DELG. of Flat Plate Keel: 82 80 70 82 80 70

Sheerstrakes: 82 80 70 82 80 70

Length and thickness: 82 80 70 82 80 70

POOP STRAKE: 82 80 70 82 80 70

SHORT BRIDGE SIDES: 82 80 70 82 80 70

FORECASTLE SIDES: 82 80 70 82 80 70

FORGINGS OR CASTINGS.

HEEL, Box, depth and thickness: 11 1/2 x 3 1/2

STEM, moulding and thickness: 11 1/2 x 3 1/2

STERN-POST for Rudder do. do.: 11 1/2 x 3 1/2

RUDDER-A x D Table 22. Speed 15 knots 788

Main-Piece, diameter at head: 13 1/2 13 1/2

" " " " at heel: 10 1/2 10 1/2

RUDDER, how constructed: Forged & built

Thickness of Plates: Single Plate 1 1/2

Can the Rudder be unshipped afloat? *Yes*

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, Plating, &c.: Open heart steel

Plates, Plating, &c.: Open heart steel

Palmer, Shillingrove, Glasgow

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

RIVETING.

EDGES. Ordinary or joggled? Rivets. Double or Treble and for what Length. Rivets. Double or Treble and for what Length. Rivets. Double or Treble and for what Length.

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H: 80 52 60 80 52 60

J: 80 52 56 80 52 56

K: 80 52 54 80 52 54

L: 80 52 52 80 52 52

M: 80 52 56 80 52 56

N: 52 98 52 60 52 98

Shelter Deck: 57 1 1/2 70 60 57 1 1/2

P: 57 1 1/2 70 60 57 1 1/2

Q: 57 1 1/2 70 60 57 1 1/2

R: 57 1 1/2 70 60 57 1 1/2

S: 57 1 1/2 70 60 57 1 1/2

T: 57 1 1/2 70 60 57 1 1/2

U: 57 1 1/2 70 60 57 1 1/2

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Length and thickness: 82 80 70 82 80 70

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SHORT BRIDGE SIDES: 82 80 70 82 80 70

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MASTS, SPARS, &c.

LOWER MASTS: Fore 76-6 31 x 66 30 x 66 22 x 40 Two 3 42 x 45 Single Treble

Main 76-6 31 x 66 30 x 66 22 x 40 Two 3 42 x 45 Single Treble

Mizen 76-6 31 x 66 30 x 66 22 x 40 Two 3 42 x 45 Single Treble

Topmasts, Yards and Remainder of Spars: Steel

Rigging, Material and Size, Shrouds: 65W 4 x 4 3/4

Sails: 65W 4 x 4 3/4

Sails, and the following spare sails: 65W 4 x 4 3/4

EQUIPMENT No. 60841 LETTER L +

ANCHORS.

Number of Certificate: 14288

1st Bower: 104 3 0 104 3 0 104 3 0 104 3 0

2nd: 104 2 19 104 2 19 104 2 19 104 2 19

3rd: 89 2 8 89 2 8 89 2 8 89 2 8

Collective weight: 298 2 27 298 2 27 298 2 27 298 2 27

Stream: 39 0 0 39 0 0 39 0 0 39 0 0

Kedge: 19 3 10 19 3 10 19 3 10 19 3 10

CHAIN CABLES.

Number of Certificate: 13025

Length and Size supplied: 330 2 16 330 2 16 330 2 16 330 2 16

Test per Certificate: 130 2 16 130 2 16 130 2 16 130 2 16

HAWSERS AND WARPS.

Number of Certificate: 13025

Length and Size supplied: 330 2 16 330 2 16 330 2 16 330 2 16

Test per Certificate: 130 2 16 130 2 16 130 2 16 130 2 16

Boats.

Pumps, Number: 2

Windlass: 1

Engine Room: 1

Coal Bunker Openings: 1

Ceiling in Holds, thickness and material: 2 1/2

Cargo Hatchways: 1

State size No. 1 Hatch (Forward): 18 0 x 16 0

No. 2 Hatch: 24 0 x 16 0

No. 3 Hatch: 26 0 x 16 0

No. 4 Hatch: 24 0 x 16 0

Bulwarks, height above deck and description: 2 1/2

The foregoing is a correct description: *William Beardmore & Co., Limited*

Builder's Signature (here only): *W. Beardmore*

Surveyor's Signature: *Henry Hubbo for Gas Craig & Self*

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

See letters of various dates

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

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*

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. 26, par. 20)? *Yes*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes*

General Remarks (State quality of workmanship, &c.): *Workmanship good.*

This vessel has been built in accordance with the approved plans, the letters of various dates, & otherwise in conformity with the rules for the class contemplated.

The double bottom tanks (except No. 7) & oil fuel bunkers have been fitted for the carriage of oil fuel & all the requirements of Sec. 19 of the Rules have been complied with.

5 forging reports & 43 approved plans enclosed.

Copy of Machinery Section has been forwarded to London for preparation of Classification Certificate.

The WT down to port tunnel to test under working conditions.

The amount of Entry Fee: £ 12

Special Survey Fee: £ 498

Travelling Expenses, if any: £ 15

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

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

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

Committee's Minute: *GLASGOW 31 DEC 1921*

Character assigned: *100A1*

Shelter Deck with 12.21

Lloyd's A+C

+ LMC 12.21 subject to

Fitted for oil fuel 12.21 F.P. above 150°

2.1.22

GLASGOW

2.1.22

Fitted for oil fuel 12.21

1914 2/2

Lloyd's Register Foundation

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., { Bridge 215 ft., Forecastle 76 ft. } on Shellier Deck.

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 (stl) & Shellier Deck (stl part N.S.) & Deck (stl) in No. 1-2-3 holds

Official No. ; Signal Letters Bitanwastie State if Machinery is fitted aft No
How are the surfaces preserved from oxidation? Inside Cement in reserve feed & peaks Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	136	506	Fore peak tank,		174
Double bottom, under Engines and Boilers,			After peak tank,		143
Double bottom, if under Engines only,	37	222	Deep tank, aft,		
Double bottom, if under Boilers only,	53	386	Deep tank, forward, Oil		923
Double bottom, forward,	225	1145	Other tanks, if fitted, Oil side bunkers		720
Total capacity of double bottom		2259	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 467 State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 5335
Date 19.1.1920
No. 616 in builder's yard.
DATES of Surveys held while building
1919 Sep 1.4.15.18.26 Oct 9.16.29 Nov 4.1920 Jan 13.20.29 Feb 13.19.24 Mar 2.16.22 Apr 1.8.20.27.29 May 4.11 Jun 18.22 July 8 Aug 10 19 Sep 4.8.15.17.22 30 Oct 13.25 Nov 9.10.16.12.18.25.29.30 Dec 1.2.10.21.22.30 1921 Jan 11.12.14.27 Feb 3.9.11.17.24.22 Mar 3.7.9.10.14.15.18.22.23.24.29.31 Apr 4.5.6.7.11.12.15.19.20.22.25.26.29 May 23.6.9.13.19.24.27 30 Jun 2.6.7.8.20 July 6.7.8 Aug 11.15 Sep 15.20.21 Oct 5.10.11.13.18.25 Nov 1.15.17.30 Dec 2.5.10.13.18.17.19.22.23

Surveyor's Signature Henry J. H. for Jas Craig & Self