

# Awnings or Shelter Deck,

# STEEL STEAMER.

No. 32350.

## or Pt. Awnings Deck.

Port of Glasgow Date of completion of Report Feb 13<sup>th</sup> 1913 Received at London Office Yes WED. FEB. 10. 1913

Survey held at Glasgow Date, First Survey 29<sup>th</sup> April 1912 Last Survey Feb 8<sup>th</sup> 1913

On the Steel Steamer LANCEFIELD Rig Schooner Master J H Meikle

CLASS \*100A1 Shelter Dk FRET. Year of Appointment 1913

TONNAGE under Tonnage Deck 2162.31 CLASS \*100A1 Shelter Dk FRET. Master J H Meikle

Do. between Tonnage Dk. and 2<sup>nd</sup> Dk. 1404.0 Breadth (greatest moulded) 52.0 Year of Appointment 1913

Total under Upper Dk. 5566.31 Depth, at outside of length from top of keel to top of beams at side of uppermost Continuous Deck 37.08

Do. of Poop 165.04 Deduct height of tween deck when this does not exceed 8ft 8.08 Built at Glasgow

Do. of R. Qr. Dk. 33.56 Transverse Number 8108 When built 1913 Launched Dec: 26<sup>th</sup> 1912

Do. of Bridge House 165.04 Length on deck from fore part of stem to after part of sternpost 389.40 By whom built C. C. Russell & Co.

Do. of Forecastle 33.56 Longitudinal Number 31572 Owners Glasgow Steam Shipping Co. Ltd

Do. of Houses on Deck 165.04 Depth "d" at middle of length. See Secs. 2 & 13 17.95 Managers Black & Co.

Do. of excess of Hatchways 33.56 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.5 Residence Glasgow

Do. above Crown of Engine Room 5764.91 Port belonging to Glasgow

Do. above Crown of Engine Room 164.61 Destined Voyage India If Surveyed while Building, Afloat, or in Dry Dock Yes

Do. of Navigation Spaces 5600.30

Register Tonnage 3671.36

LENGTH on Deck as per Rule 389 Ft. 4 3/4 BREADTH Moulded 52 Ft. 0 DEPTH, ACTUAL Top of Floors to top of Awn. or Shelter Dk. Beams 37 Ins. 1 No. of Decks with flat laid 2 plates

Do. Upper Deck Beams 26 Ins. 7 No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 390.3 breadth 52.2 depth 26.6 Upper Deck. Moulded depth, ft. 29 ins. 1 To Upper Dk. Round up of Uppermost Shelter Dk. Beam, Actual 12 3/4 ins.

FRAMING.						PILLARS. IRON					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or E or L Bars, amidships	11	3 1/2	56	11	3 1/2	56	3 1/2	72	3 1/2	72	72
Do. in peaks	7	3 1/2	44	7	3 1/2	44	3 1/2	72	3 1/2	72	72
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	42	4	3 1/2	42	6 1/2	72	6 1/2	72	72
Spacing of Frames from centre to centre amidships	36			36							
" length to collision bulkhead	27			27							
" of Frames from centre to centre in peaks	24			24							
REVERSED FRAME, Angles	4	3 1/2	42	4	3 1/2	42					
Do. in way of Double bottoms at Solid Floors	4	3 1/2	42	4	3 1/2	42					
" at intermdt. Bkts.	9 1/2	11		9 1/2	11						
FRAMING, depth of girder	9 1/2	11		9 1/2	11						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" in way of Engine and Boiler spaces	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" thickness at the ends of vessel	5	5	56	5	5	56					
" depth at 1/2 the half-bdth. as per Rule	5	5	56	5	5	56					
" height extended at the Bilges	5	5	56	5	5	56					
FLOORS & BRACKETS, in Cell Dble Bottoms	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" state if flanged (top & bottom)	36	27		36	27						
" spacing	27	36		27	36						
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" Angles, Top	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
" to Floors	5	5	56	5	5	56					
SIDE GIRDERS, number and thickness	Two	40		Two	40						
" state if flanged (top & bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40					
" Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40					
MARGIN PLATE, depth (exclusive of flange) and thickness	36	48	34	36	48	34					
" Angles to outside plating	4	4	48	4	4	48					
" to floors	5	5	56	5	5	56					
" Height of Brackets above at bilge	5	4 1/2		5	4 1/2						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	65	50	65	50	65	50					
" thickness in Engine and Boiler space	55	54	55	54	55	54					
" Remainder in Holds	46	45	46	45	46	45					
BEAMS, Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	54	10	3 1/2	54					
" Angles on upper edge	8 1/2	3	45	8 1/2	3	45					
" Spacing	36			36							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	48	9	3 1/2	48					
" Angles on upper edge	8 1/2	3	45	8 1/2	3	45					
" Spacing	36			36							
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	54	10	3 1/2	54					
" Angles on upper edge	8	3 1/2	42	8	3 1/2	42					
" Spacing	36			36							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
" Angles on upper edge											
" Spacing											



WEB FRAMES. Inches in Ship. Inches in Ship. Inches per Rule. Inches per Rule. Or as Approved.

WEB FRAMES, In Fore Body, No. and spacing  
brdth. & thickness  
No. of Side Stringers

WEB FRAMES, In E. & B. Space, No. & spacing  
brdth. & thickness

WEB FRAMES, In After Body, No. and spacing  
brdth. & thickness  
No. of Side Stringers

Size of Face Angles to Web-Frames

BRACKET PLATES to Stringers between Web-Frames, depth and thickness

FORGINGS & CASTINGS. Inches in Ship. Inches per Rule. Or as Approved.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do. for Propeller

RUDDER—A x D\* Table 22. Speed

Main-Piece, diameter at head  
at heel

BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up.

W.T. BULKHEADS

COLLISION PARTITION

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

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

RUDDER, how constructed

Thickness of Plates Single Plate

Can the Rudder be unshipped afloat?

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.?

Has the Steel been tested as required by the Rules?

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

STRAKES. AMIDSHIP. FORWARD. AFT.

FLAT PLATE KEEL

GARBOARD OR A STRAKE

State actual thickness in way of Double Bottom.

THICKNESS OF STRAKE

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DELEG. of Flat Plate Keel

Sheerstrakes

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

RIVETING. EDGES. BUTTS.

Ordinary or jogged

Single or Double

Breadth of Lap

RIVETS. Diam. Spacing cr. to cr.

Double or Treble and for what Length.

RIVETS. Diam. Spacing cr. to cr.

STRAPS. Breadth. Thickness.

IF LAPPED. Breadth. For what Length.

Butts, Treble riveted for full length amidship.

Stringer Plate

Upper Deck

Stringer Plate

Second Deck

Stringer butts lapped & double riveted.

Butts of Side Stringers Treble riveted.

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girder Butts, Treble riveted

Keelson Butts, riveted

Frames, riveted through Plates with 7/8 in. Rivets, about 2 7/8" apart.

Rivets, state whether Iron or Steel

FRAMES extend in one length from centre line to Marginal thickness, alt. to Upper Shelter Dhs. with intermediate frame 5 x 3 1/2 x 1/4 upper to Shelter (not clear)

REVERSED FRAMES on floors and frames extend from centre line to Marginal thickness, alt. to Upper Shelter Dhs.

State if ordinary or jogged

MASTS, SPARS, &c.

Material. Actual Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.

LOWER MASTS. Fore Main

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails. One

Suit of working

Stays

Sails, and the following spare sails

Write "Aiming or Shelter Deck" "Shore Strake" opposite its corresponding letter.



Certificates for cast steel heads produced.

EQUIPMENT No. 34265 LETTER y ANCHORS.																	
Number of Certificate.	Anchors	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
16416	1st Bower	62	0	0	Stockless	49	10	0	0	60	0	0	Byers	Not stated	Slaid 27/12/12 Haffner		
16402	2nd "	58	1	0	"	47	7	2	0	60	0	0	"	"	" 20/12/12 "		
16462	3rd "	51	1	0	"	43	3	0	14	50	2	0	"	"	" 10/1/13 "		
	Collective weight	171	2	0						170	2	0					
5995	Stream	16	2	9	4	1	8	17	18	1	21	16	1	0	Ordinary	Hingley 26/12/12 Seedhouse	
5996	Kedge	7	1	14	1	3	20	9	11	2	7	7	0	0			

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.					Fathoms.	Ins.		Fathoms.	Ins.		
3197	135	2 1/16	86 8	120 5	323	1	22	322	3	14	135	2 1/16	Stud	Hingley 26/12/12 Seedhouse	120	4 1/4	47	120	4 1/4
3198	135	"	"	"	323	2	19	322	3	14	"	"	"	"	15 1/2	2	90	2 3/4	2 3/4
	Stream	90	4 1/4	47					90	4 1/4					12 1/2	2	90	2 3/4	2 3/4

Boats *4 Lifeboats*

Pumps, Number *Downston*

Windlass is *Efficient (Cunningham Walker)*

Engine Room *Efficient*

Coal Bunker Openings.—How constructed? *Steel plates & angles*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *3 H. H. under hatch cover each side. 4 ports each side 4 2 1/2 x 6*

Ceiling in Holds, thickness and material *3 H. H. under hatch cover*

Cargo Hatchways.—How formed? *Steel plates & angles*

State size No. 1 Hatch (Forward) *27' 0" x 15' 11 1/2"* No. 2 Hatch *30' 0" x 17' 11 1/2"* No. 3 Hatch *31' 0" x 15' 11 1/2"* No. 4 Hatch *30' 0" x 17' 11 1/2"*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 & 5 four webs*

Bulwarks, height above deck and description *3-6 Steel plates*

The foregoing is a correct description. *For CHARLES CONNELL & CO., Limited.*

Builder's Signature (there only) *William Marshall*

Steering Gear, Steam *Efficient*

Steering Gear, Hand *Efficient*

Diameter of Barrel *6*

State whether they are in efficient working order *Yes*

Capstan

What arrangements for deadlights in bad weather? *Steel shutters & bulls eyes*

Height above deck? *4 2 1/2*

Cargo Battsens, thickness and material *2" H. H.*

Hatches, if strong and efficient? *Yes*

No. of Crutches *Deep floor*

Main Rail and Stays, material and size *6 x 3 1/2" 40 Bull angle*

Surveyor's Signature *Henry A. Gibbs*

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 this case) *See letters M 18/1/12, 12/2/12, E 25/2/12 M 27/2/12, 13/1/13.*

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? *Yes*

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

State results of tests *Good*

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

State results of tests *Good*

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

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

4 Forging reports & 5 approved plans enclosed.

Owners letter agreeing omission of tween deck bulkhead enclosed.

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

The amount of Entry Fee ..... £ *5*

Special Survey Fee ..... £ *168*

Travelling Expenses, if any £ : :

Fees applied for, *14/2/1913*

Received by me, *17/3/1913*

Certificate to be sent to *GLASGOW*

Date of issue *20/2/13*

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

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

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

Surveyor to Lloyd's Register of British and Foreign Shipping. *Henry A. Gibbs*

Committee's Minute *GLASGOW 18 FEB. 1913*

Character assigned *100 A1*

*Shelter Dh with fbd 5.8.7 with 5.8.7 to Shelter Dh 1 BH to 2nd Dh only.*

*213*

*Lloyd's A10P*

*+ LMC 2.13.7D*

*Elec Light*



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.  
(in feet and tenths). When the Poop 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 Decks (Stl) & Shelter Deck (Stl)

Official No. 133098; Signal Letters

State if Machinery is fitted aft No

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 or with girders on floors Yes

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>111</u>	<u>305</u>	Fore peak tank,		<u>58</u>
<del>Double bottom, under Engines and Boilers,</del>			After peak tank,		<u>22</u>
Double bottom, if under Engines <u>only</u> ,	<u>24</u>	<u>89</u>	Deep tank, aft,	<u>30</u>	<u>793</u>
Double bottom, if under Boilers <u>only</u> ,	<u>42</u>	<u>155</u>	Deep tank, forward,		
Double bottom, forward,	<u>154</u>	<u>428</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>977</u>	(If necessary, furnish further information by sketch.)		

\* 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. 4651

Date 9.2.12

No. 350 in builder's yard.

DATES of Surveys held while building

1912 April 29. May 3. 8. 13. 16. 20. 23. June 3. 10. 13. 19. 26. July 2. 3. 5. 24. 31.  
Aug. 7. 12. 19. 26. 27. Sept. 13. 18. 23. 26. Oct. 3. 9. 17. 29. Nov. 6. 11. 14. 20. 28. 29.  
Dec. 2. 6. 10. 12. 18. 23. 24. 26. 1913. Jan. 6. 8. 16. 20. 27. 30. Feb. 4. 5. 8.

Total No. of Visits 53

Surveyor's Signature

Henry A. Hibbs

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