

With ~~or Without~~ Disconnected Erections.

STEEL STEAMER.

Received at London Office JUN. 10. 1914

Date of completion of report June 6th 1914 Port of Glasgow
Survey held at Glasgow Date, First Survey 28.8.13 Last Survey 7-6-1914
On the Steel Screw Steamer SPECTATOR Rig Schooner

TONNAGE under Tonnage Deck 3612.40
Do. between Tonnage Dk. and 3rd and 4th Dk. 3612.40
Total under Upper Dk. 3612.40
Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle 51.37
Do. of Houses on Dk. 109.45
Do. of excess of Hatchways 35.06
Do. above Crown of Engine Room 3808.28
Gross Tonnage 3808.28
Less Crew Space 99.74
Less above Crown of Engine Room 3708.54
TONNAGE FOR FEES 1218.63
1 Engine Room 55.27
Sent Navigation Spaces 2434.62

CLASS 100 A1
Breadth (greatest moulded) 46.75
Depth, at middle of length from top of keel to top of upper deck beams at side 29.54
Transverse Number 76.29
Length on deck from fore part of stem to after part of stern post 364.41
Longitudinal Number 27800
Depth "d," at middle of length (See Secs. 2 & 13) 16.9
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.3
" " Long Bridge Deck 9.8
" " Beam at side to top of keel 9.8

Master B. Netherton
Year of appointment 1891
Built at Glasgow
When built 1914 Launched April 30th 1914
By whom built B. Bonnell & Co. Ltd.
Owners Charrante S. S. Co. Ltd.
Managers T. J. Harrison
Residence Liverpool
Port belonging to Liverpool

Net Tonnage 2434.62
VES Length on Deck 364 Feet. 5 Inches. Breadth Moulded 46 Feet. 9 Inches. Depth, Actual—Top of Floors to top of Upper Dk. Beams 27 Feet. 4 1/2 Inches. No. of Decks with flat laid 2
as per Rule 17 3/4 Do. do. do. do. Second Dk. Beams 17 3/4 No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 365.15 breadth 47.1 depth 27.35 Moulded depth, ft. 37 ins. 0 1/2 To Bridge Dk. Round of Upper 15 ins.
Moulded depth, ft. 29 ins. 6 1/2 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars amidships	10 1/2	3 1/2	56	PILLARS, In 'tween Deck, size and spacing	1 Row of	wide space	
Do. in peaks	9 1/2	3 1/2	54	" " Hold	pillars	girders	
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	38	" Quarter 'tween Dks.,	4 flanged	girders	
" " BA at intermdt. Bkts.	8	3 1/2	44	" " in Hold	at hatch	sides	
Spacing of Frames from centre to centre amidships	36			KEELSONS & STRINGERS.			
" " " " from 1/2	27			CENTRE LINE KEELSON, Vertical Plate above			
" " " " length to Collision bulkhead	24			floors, Through Plate, or Intercoastal Plate			
" " " " in peaks..	3 1/2	3	36	Rider Plate			
REVERSED FRAME, Angles. AFT PEAK	4	3 1/2	38	" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	8	3 1/2	40	" Horizontal Plates on Floors			
" " BA at intermdt. Bkts.	9 1/2	4 10 1/2		" Angles or Bulb Angles			
FRAMING, depth of girder				SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate				" Angles or Bulb Angles			
at mid-line for 1/2 length amidships				" Plate above floors, for length			
" in way of Engine and Boiler Spaces				" Intercoastal Plate, for length			
" thickness at the ends of vessel				" Attached to outside Plating with Angle			
" depth at 1/2 the half breadth, as per Rule				BILGE KEELSON, Angles			
" height extended at the Bilges				" Intercoastal Plate for length			
FLOORS & BRACKETS in Cell Dble Bottoms	42	2 36	42	" Attached to outside Plating with Angle			
" " state if flanged (top & bottom)	36	2 27	36	SIDE STRINGERS, Number	One	One	
" " Spacing of Floors	27	2 27	27	" Angle	6 1/2	3 1/2	48
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	41	50	41	" Intercoastal Plate, for full length			42
" " Angles, Top angle	4 1/2	4 1/2	58	" Attached to outside plating with Angle	3 1/2	3 1/2	48
" " " Bottom	4 1/2	4 1/2	58	Upper Deck Stringer Plate, br'dth & thickness	56	58	56
" " " to Floors	5	5	54	" " " " br'dth & thickness	56	46	56
SIDE GIRDERS, number on each side & thickness	One	42	2 36	" " " " (in way of Bridge)	4 1/2	4 1/2	62
" " state if flanged (top and bottom)	36	2 27	36	" Angle (clear of Bridge)			
" " Angles (top and bottom)	3 1/2	3 1/2	38	" Tie Plate at sides of Hatchways			
" " " to Floors	3	3	40	Deck * Iron or Steel, for full lng.	46	34	46
MARGIN PLATE, depth (exclusive of flange)	32		44	" Thickness (clear of Bridge)	38		38
" and thickness	3 1/2	3 1/2	44	" (in way of Bridge)			
" Angles to Outside Plating	5	5	54	Wood Deck, Material & thickness			
" " Floors	61		61	Second Deck Stringer Plate, br'dth & thickness	60	40	60
" " Height of Brackets above at bilge	70		48	" Angles on ditto, No. 2	4 1/2	44	44
INNER BOTTOM PLATING, breadth and	50	3 60	54	" Tie Plates outside Hatchways			
thickness of Middle Line Strake	44	40	40	Deck * Iron or Steel, for full lng.	35		35
" " in Engine and Boiler space				" Wood Deck, Material & thickness			
" " Remainder in Holds				Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb	9	3 1/2	50	" Angles on ditto, No.			
Angle, Plate, Tee Bulb, or Channel	9	3	46	" Tie Plates, outside Hatchways			
" Angles on upper edge	8	3	40	" Deck * Material and thickness			
" In way of Long Bridge at opening	27	36	27	Fourth and Fifth Deck Stringer Plate, } breadth & thickness			
" Spacing				" " Angles on ditto, No.			
BEAMS, Second Deck, Single Angle, Bulb	11	3 1/2	58	" " Tie Plates outside Hatchways			
Angle, Plate, Tee Bulb, or Channel	9 1/2	3 1/2	52	" " Deck, Material & thickness			
" Angles on upper edge	27	36	27	Poop Deck Stringer Plate, breadth & thickness	41	34	41
" Spacing				" Angle on ditto	3 1/2	34	3 1/2
BEAMS, Third and Fourth Deck, Single Angle, } Bulb Angle, Plate, Tee Bulb, or Channel				" Tie Plates			
" Angles on upper edge				" Deck, Material and thickness	Steel	34	34
" Spacing				Bridge Deck Stringer Plate, br'dth & thickness	58	48	58
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel	7 1/2	3	40	" Angle on ditto	4 1/2	56	4 1/2
" Angles on upper edge				" Tie Plates			
" Spacing	36		36	" Deck, Material and thickness	Steel	38	38
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel	9	3	48	Forecastle Deck Stringer Plate, b'dth & th'kns	40	32	40
" Angles on upper edge at opening	7 1/2	3	40	" Angle on ditto	3 1/2	34	3 1/2
" Spacing	36		36	" Tie Plates	Steel	25	25
BEAMS, Forecastle Deck, Angle, Bulb Angle, } Plate, Tee Bulb, or Channel	10 1/2	3 1/2	56	" Deck, Material and thickness	PP	5 x 2 3/4	5 x 2 3/4
" Angles on upper edge							
" Spacing	54		54				

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

WEB FRAMES.

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

No. of Side Stringers

WEB FRAMES, In E. & B. Space, No. and 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

BULKHEADS.

Number, Thickness, Bu. STIFFENERS, Single or Double Frames, Height up.

W.T. BULKHEADS

COLLISION PARTITION

LONGITUDINAL

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

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

PLATING.

AS IN SHIP. PER RULE OR AS APPROVED.

STRAKES.

FLAT PLATE KEEL

GARBOARD OF A STRAKE

State actual thickness in way of Double Bottom.

Upper sheer

Bridge sheer

THICKNESS OF STRAKES

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DBLG. of Flat Plate Keel

Sheerstrakes

Length and thickness.

POOP SIDES

SHORT DECK SIDES

FORECASTLE SIDES

FORGINGS OR CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

RUDDER-A x D Table 22. Speed 10 knots

Main-Piece, diameter at head

at heel

RUDDER. how constructed Forged & built

Thickness of Plates or 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.?

Steel B. of Scott and Shimmings, Dowlais

Port Talbot, Stewart & Lloyd, Glasgow

Caldenbank, Colville, Lanarkshire

Has the Steel been tested as required by the Rules?

RIVETING.

EDGES, Ordinary or Joggled.

DOUBLE OR TREBLE AND FOR WHAT LENGTH.

STRAPS.

IF LAPPED.

Butts.

Upper Deck Stringer Plate

Second Deck Stringer Plate

Bridge Stringers

FRAMES extend in one length from centre line to Margin, thence to Upper Prop. Bridge & Deck

REVERSED FRAMES on floors and frames extend from centre line to Margin (joggled)

alternate built angles to bridge deck & intermediate frames not scorched or bradfast

MASTS, SPARS, &c.

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

LOWER MASTS

Fore

Main

Minor

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails

Suit of fore & aft

Sails, and the following spars sails

Certificate for cast steel heads produced. "Spectator."

EQUIPMENT No. 29056 LETTER ANCHORS.

Number of Certificate, Anchors, WEIGHT, EX. STOCK, TEST, PER CERTIFICATE, WEIGHT REQUIRED BY TABLE 31, TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS.

71324 1st Bower

71322 2nd

71323 3rd

4th

Collective weight

71347 Stream

71348 Kedge

CHAIN CABLES.

Number of Certificate, Length and size supplied, TEST, PER CERTIFICATE, WEIGHT OF CHAIN CABLE, Length 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, Length and size per Table 31.

56216

56217

HAWSERS AND WARPS.

Number of Certificate, Length and size supplied, TEST, PER CERTIFICATE, WEIGHT OF CHAIN CABLE, Length 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, Length and size per Table 31.

56216

56217

Boats.

Pumps, Number

Windlass is efficient

Engine Room Skylights

Coal Bunker Openings

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material

Cargo Hatchways

State No. 1 Hatch (Forward)

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

5 Kels No. 4, 1 Beam No. 3, No. 4 fore & afters

No. of Breasthooks

No. of Crutches

Bulwarks, height above deck and description

The foregoing is a correct description

Builder's Signature

Director

Surveyor's Signature

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

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

M 16/10/12, 11/5/14

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

Is the riveted work properly closed?

Are the liners between the frames and plates solid single pieces?

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?

Do any rivets break into or through the seams or butts of the plating?

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

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

State results of tests

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

State results of tests

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

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

5 Forging reports and 6 approved plans enclosed.

This is a sister vessel to S/s "Spectator" & S/s "Navigator" Gls reports N^o 30742 & 33935.

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

The amount of Entry Fee

Special Survey Fee

Travelling Expenses, if any

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

With, or without Freeboard, as condition of Class

Committee's Minute

Character assigned

GLASGOW 9-JUN.1914

100A1

6.11

Lloyd's Assoc.

+ L.M.C. 6.11

Henry A. Hibbs

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

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten notes in the upper section of the form.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.83 ft., R.Q.D. ☒ ft., Bridge 109.25 ft., Forecastle 37 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 (steel)

Official No. 135585; 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>112</u>	<u>264</u>	Fore peak tank,		<u>41</u>
Double bottom, under Engines and Boilers,			After peak tank,		<u>14</u>
Double bottom, if under Engines only,	<u>21</u>	<u>68</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>27</u>	<u>89</u>	Deep tank, forward,		
Double bottom, forward,	<u>158</u>	<u>399</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>820</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. 4737

Date 17.12.12

No. 359 in builder's yard.

DATES of Surveys held while building

1913. Aug 28. Sept 11. 17. 25. Oct 1. 6. 13. 28. Nov 6. 17. 27. Dec 10. 23.
1914. Jan 7. 12. Feb 4. 18. Mar 3. 18. Apr 1. 9. 15. 17. 20. 22. 24. 27. 29.
May 13. 23. 27. June 3.

Surveyor's Signature

Henry Ribbs

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Total No. of Visits 33

Lloyd's Register
Foundation