

Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 7089

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

Port of NEWCASTLE ON TYNE Date of completion of Report

Received at London Office SAT. 6-APR. 1917

Survey held at Howdon

Date, First Survey 23rd Apr. 1917

Last Survey 25th March 1918

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

Glan Macniscar or Macniscar

Rig Wireless mast

TONNAGE under Tonnage Deck

CLASS 100 A 1

Feet.

Master D. C. Pagan

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.

Breadth (greatest moulded) 52.66

Year of Appointment

(1) As Master in service of owner of present vessel:—191.
(2) As Master of this vessel:—191.

Total under Upper Dk.

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 35.42

Built at Howdon Newcastle on Tyne

Do. of Poop 3.72

Deduct height of 'tween deck when this does not exceed 8ft. 8.00

When built 1918 Launched 15 Dec 1914

Do. of Bridge Houses 52.16

Transverse Number 80.18

By whom built The Northumberland S. Co. Ltd

Do. of Forecastle Houses 9.44

Length on deck from fore part of stem to after part of sternpost 399.6

Owners Messrs. Cuyper Irvine & Co. Ltd

Do. of Houses on Deck 81.48

Longitudinal Number 31999

Managers do

Do. of excess of Hatchways 48.44

Depth "d" at middle of length. See Secs. 2 & 13. 23.34

Residence London

Do. above Crown of Engine Room 18.02

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.28

Port belonging to Glasgow

Do. above Crown of Engine Room 58.14.56

Upper Deck at side to top of keel 14.84

Do. above Crown of Engine Room 234.66

Destined Voyage

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

Do. above Crown of Engine Room 18.02

LENGTH on deck as per Rule 399 Ft. 7 1/2 Ins.

BREADTH Moulded 52 Ft. 8 Ins.

DEPTH, ACTUAL—Top of Floors to top of Awning or Shelter Dk. Beams 32 Ft. 10 1/2 Ins.

Upper Deck Beams 24 Ft. 4 1/2 Ins.

No. of Decks with flat laid 18 1/2

No. of Tiers of Beams 18 1/2

Dimensions of Ship per Register,

Length 400.1 breadth 52.2 depth 32.85

Awning or Shelter Dk. Moulded depth, ft. 32 ins. 5

To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 1/2 ins

Upper Deck. Moulded depth, ft. 26 ins. 11 To Upper Dk.

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
NAME, Angles, or E or L Bars, amidships	11 1/2	3 1/2	5 1/2	11 1/2	5 1/2
Do. in peaks	7 1/2	3 1/2	4 1/2	7 1/2	4 1/2
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2
" " " at intermdt. Bkts	8 1/2	3 1/2	4 1/2	7 1/2	4 1/2
Spacing of Frames from centre to centre amidships	25 1/2		25 1/2		
" length to collision bulkhead	25 1/2		25 1/2		
" of Frames from centre to centre in peaks	24		24		
EVERSED FRAME, Angles					
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2
" " " at intermdt. Bkts	7 1/2	3 1/2	4 1/2	3 1/2	4 1/2
FRAMING, depth of girder	11 1/2		11		
LOOKS, depth and thickness of Floor Plate, at mid-line for 1/2 length amidships					
" in way of Engine and Boiler spaces					
" thickness at the ends of vessel					
" depth at 1/2 the half-bdth. as per Rule					
" height extended at the Bilges					
LOOKS, in Cell Double Bottoms	4 1/2	3 1/2	4 1/2	3 1/2	4 1/2
" state if flanged (top and bottom)	16 1/2		7 1/2		
" spacing of Solid	16 1/2		7 1/2		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	4 1/2	5 1/2	4 1/2	5 1/2	4 1/2
" Angles, Top	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
" Bottom	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
" to Floors	5	5 1/2	5	5 1/2	5
" Brackets at intermdt. frmg., wdth & thcknss	4 1/2	4 1/2	3 1/2	4 1/2	3 1/2
DE GIRDERS, number and thickness	2	4 1/2	3 1/2	2	4 1/2
" state if flanged (top & bottom)	4 1/2		4 1/2		
" Angles	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	4 1/2	3 1/2	4 1/2	3 1/2
" Angles to outside plating	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
" to floors	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
" Brackets at intermdt. frmg., wdth & thcknss	3 1/2	4 1/2	3 1/2	4 1/2	3 1/2
" Height of Brackets above at bilge	3 1/2		3 1/2		
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6 1/2	5 1/2	4 1/2	6 1/2	5 1/2
" thickness in Engine and Boiler space	1 1/2	5 1/2	4 1/2	5 1/2	4 1/2
" Remainder in Holds	4 1/2	3 1/2	4 1/2	3 1/2	4 1/2
BEAMS, Awning or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	4 1/2	8 1/2	3 1/2
Spacing	25 1/2		25 1/2		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	5 1/2	11	3 1/2
Spacing	51		51		
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel					
Angles on upper edge					
Spacing					
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	8 1/2	3 1/2	4 1/2	8 1/2	3 1/2
Angles on upper edge					
Spacing	25 1/2	24		25 1/2	24

PILLARS.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing	2 1/2	5 1/2	2 1/2	5 1/2	
" " Hold					
" Quarter, 'tween Dks., " "					
" " in Hold " "					
KEELSONS AND STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Flat Keel Plate Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles					
SIDE KEELSONS, Number					
" Angles or Bulb Angles					
" Plate above floors, for length					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
SIDE STRINGERS, Number					
" Angle					
" Intercoastal Plate, for lng.					
" Attached to outside plating with Angle					
Awning or Shelter Deck Stringer Plates, breadth and thickness	6 1/2	5 1/2	6 1/2	5 1/2	
" Angle on ditto	5 1/2	5 1/2	5 1/2	5 1/2	
" Tie Plates, fore and aft, outside Hatchways					
" Deck * Iron or Steel, for full lng.	4 1/2	3 1/2	4 1/2	3 1/2	
" Wood Deck. Material & thickness					
Upper Deck Stringer Plate, breadth and thickness	6 1/2	4 1/2	6 1/2	4 1/2	
" Angles on ditto, No. 2	3 1/2	3 1/2	3 1/2	3 1/2	
" Tie Plates, outside Hatchways					
" Deck * Iron or Steel, for full lng.	3 1/2	3 1/2	3 1/2	3 1/2	
" Wood Deck. Material & thickness					
Second Deck Stringer Plates, br'dth & thckn's					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck * Material and thickness					
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck. Material and thickness					
Poop Deck Stringer Plate, breadth & thickness					
" Angles on ditto					
" Tie Plates					
" Deck. Material and thickness					
Bridge Deck Stringer Plate, br'dth & thickness					
" Angle on ditto					
" Tie Plates					
" Deck. Material and thickness					
Forecastle Deck Stringer Plate, br'dth & th'kns	3 1/2	3 1/2	3 1/2	3 1/2	
" Angle on ditto	3 1/2	3 1/2	3 1/2	3 1/2	
" Tie Plates					
" Deck. Material and thickness	3 1/2	3 1/2	3 1/2	3 1/2	

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

W1173-015512

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

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. Main-Piece, diameter at head. at heel.

BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Single or Double Frames. Height up, state deck.

W.T. BULKHEADS. After peak. 79-102. 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. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS.

THICKNESS OF SHEET-PIPING. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DELEG. OF Flat Plate Keel. Sheerstrakes. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES.

Awning or Shelter Deck. Stringer Plate. Upper Deck. Stringer Plate. Butts. Riveted for. Straps, single, double or overlapped for.

FRAMES extend in one length from Centre girder to Margin from Margin to Upper Deck. REVERSED FRAMES on floors and frames extend from Centre girder to Margin. State if ordinary or joggled.

MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 34704 LETTER Y ANCHORS.

Number of Certificate. Anchors. WEIGHT, E.A. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REG. BY TABLE 51. Description of Anchor. Makers. Where and when tested and Superintendent.

CHAIN CABLES. Number of Certificate. Length and Size supplied. Test per Certificate. FATHOMS AND SIZE PER TABLE 51. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and Size supplied. Breaking Test of Steel Wire. FATHOMS AND SIZE PER TABLE 51.

HAWSERS AND WARPS. Number of Certificate. Length and Size supplied. Breaking Test of Steel Wire. FATHOMS AND SIZE PER TABLE 51.

Boats. 2-36ft. 2-24ft. 2-20ft. 2-16ft. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. 1-6. Diameter of Barrel. Windlass is. Capstan. 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 size 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 Beams in No. 1 Hatch. 6 Beams in No. 2 Hatch. 3 Beams in No. 3 Hatch. 4 Beams in No. 4 Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. Main Rail and Stays, material and size. The foregoing is a correct description. FOR THE NORTHUMBRIA BUILDING COMPANY, LIMITED. Surveyor's Signature. Builder's Signature.

Correspondence. State dates and initials of letters respecting this case. 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? to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? 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)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.).

The amount of Duty. 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. TUE. APR. 9th 1918. 100 P.H. Shelter Deck. Lloyd's A & B. P. + L. No. 3. 18. F.D. Cargo battens not fitted in Shelter Deck.

GENERAL REMARKS—(continued).

WEB
FRAMES, In
No. of Side
FRAMES, In
No. of Side
Size of Face
KET PLAT
b Frames, de
KHEADS.
BULKHEAD
After peak
413
19-102
148
COLLISION,,
TITION,,
TUDINAL

the outside Pl
the Sluice Va

STRAKE

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Bar Keel, state
BOARD OF

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft. R.Q.D. ft. Bridge ft. On Shelter Deck
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Complete Shelter Deck without Tonnage opening

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 should appear in the Register Book) 1st (St) and Shelter Deck (St)

Official No. 140878; Signal Letters

State if Machinery is fitted aft no

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

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>140-3</u>	<u>459</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>44-7 1/2</u>	<u>207</u>	After peak tank,	<u>22-0</u>	<u>110</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>165-9</u>	<u>634</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1300</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. 4702

Date 11-12-1916

No. 244 in builder's yard.

DATES of Surveys held while building

1917
Apr. 23-26 May 8-14 21-25 30-Jun 1-8 20-25 Jul 12-17 20-24 26-30 Aug 1-4
20-21 28-30 Sep 2-7 17-20 24-26 Oct 1-5 10-12 15-17 19-23 26-29 31-Nov 5-7-9
13-15-16-20-22-24-25-29-30 Dec 7-10-13-15 1918 Feb 19 Mar 4-5-7-11-14-18-20-21-22
23-25

Total No. of Visits 67

Surveyor's Signature James Gregory & E. J. Keillon

