

# Awning or Shelter Deck, STEEL STEAMER.

## or Pt. Awning Deck.

No. 75994

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

Port of Howdon-on-Tyne Date of completion of Report 24<sup>th</sup> September 1922 Received at London Office MUN. OCT. 2 1922  
Survey held at Howdon-on-Tyne Date, First Survey 16<sup>th</sup> September 1921 Last Survey 1921  
On the (State if Single, Twin, or Triple Screw) Steel Single Screw Steamer "FERNMOOR" Rig Fore and Aft

TONNAGE under Tonnage Deck... 5577.81

CLASS 100AL SHELTER DK FEET.Master ☒

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 - 19...  
(2) As Master of this vessel - 19...

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-on-Tyne

Do. of Poop

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

When built 1922 Launched 22<sup>nd</sup> Aug 1922

Do. of R. Qr. Dk.

Transverse Number 80.08

By whom built Northumberland S. B. Co. Ltd.

Do. of Bridge House

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

Owners Moor Line Limited

Do. of Forecastle

Longitudinal Number 31,999

Managers Walter Runciman & Co. Limited

Do. of Houses on Deck

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

Residence Newcastle-on-Tyne

Do. of excess of Hatchways

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

Port belonging to London

Do. above Crown of Engine Room

Upper Deck at side to top of keel 14.89

Gross Tonnage 5812.22

Less Crew Space 192.04

Less above Crown of Engine Room 21.76

TONNAGE FOR FEES... 1838.15

Less Engine Room 94.42

Less Navigation Spaces 3665.85

Register Tonnage as cut on Beam... 3665.85

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock Special Survey

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Floors to top of Awning or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
399	9	4	52	8		35	5	32	10	2	2

Dimensions of Ship per Register, Length 399.9 breadth 52.95 depth 24.35 Upper Deck. Moulded depth, ft. 26 ins. 11 To Upper Dk. Round up of Uppermost Dk. Beam, Actual 22 ins.

FRAMING.				PILLARS.			
FRAME, Angles, or Bars, amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	11	3 1/2	58	" " Hold	2 1/8	51	2 1/8
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	" " Quarter, 'tween Dks.			
" " " at intermdt. Bkts.	7 1/2	3 1/2	44	" " in Hold			
Spacing of Frames from centre to centre amidships	25 1/2		25 1/2	KEELSONS AND STRINGERS.			
" length to collision bulkhead	24		24	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" of Frames from centre to centre in peaks	24		24	" Rider Plate			
REVERSED FRAME, Angles	3 1/2	3 1/2	40	" Flat Keel Plate Angles			
Do. in way of Double bottoms at Solid Floors	7	3	40	" Horizontal Plates on Floors			
" " " at intermdt. Bkts.	11		11	" Angles or Bulb Angles			
FRAMING, depth of girder	40-36		40-36	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	40-36		40-36	" Angles or Bulb Angles			
" in way of Engine and Boiler spaces	40-36		40-36	" Plate above floors, for length			
" thickness at the ends of vessel	40-36		40-36	" Intercoastal Plate, for length			
" depth at 1/2 the half-bdth. as per Rule	40-36		40-36	" Attached to outside plating with Angle			
" height extended at the Bilges	40-36		40-36	BILGE KEELSON, Angles			
FLOORS, in Cell Double Bottoms	40-36		40-36	" Intercoastal Plate, for length			
" state if flanged (top and bottom)	40-36		40-36	" Attached to outside plating with Angle			
" spacing of Solid	40-36		40-36	SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss	40-36		40-36	" Angle			
" " Angles, Top	40-36		40-36	" Intercoastal Plate, for lng.			
" " Bottom	40-36		40-36	" Attached to outside plating with Angle			
" " to Floors	40-36		40-36	Awning or Shelter Deck Stringer Plates, breadth and thickness			
" Brackets at intermdt. frmgs. width & thknss	40-36		40-36	" Angle on ditto			
SIDE GIRDERS, number and thickness	40-36		40-36	" Tie Plates, fore and aft, outside Hatchways			
" state if flanged (top & bottom)	40-36		40-36	" Deck, * Iron or Steel, for full lng.			
" Angles	40-36		40-36	" Wood Deck, Material & thickness			
MARGIN PLATE, depth (exclusive of flange) and thickness	40-36		40-36	Upper Deck Stringer Plate, breadth and thickness			
" Angles to outside plating	40-36		40-36	" Angles on ditto, No.			
" to floors	40-36		40-36	" Tie Plates, outside Hatchways			
" Brackets at intermdt. frmgs. width & thknss	40-36		40-36	" Deck, * Iron or Steel, for full lng.			
" Height of Brackets above at bilge	40-36		40-36	" Wood Deck, Material & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	40-36		40-36	Second Deck Stringer Plates, br'dth & thkn's			
" thickness in Engine and Boiler space	40-36		40-36	" Angles on ditto, No.			
" Remainder in Holds	40-36		40-36	" Tie Plates, outside Hatchways			
BEAMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	" Deck, * Material and thickness			
" Spacing	40-36		40-36	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	" Angles on ditto, No.			
" Spacing	40-36		40-36	" Tie Plates, outside Hatchways			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	" Deck, Material and thickness			
" Angles on upper edge	40-36		40-36	Poop Deck Stringer Plate, breadth & thickness			
" Spacing	40-36		40-36	" Angles on ditto			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	" Tie Plates			
" Angles on upper edge	40-36		40-36	" Deck, Material and thickness			
" Spacing	40-36		40-36	Bridge Deck Stringer Plate, br'dth & thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	" Angle on ditto			
" Angles on upper edge	40-36		40-36	" Tie Plates			
" Spacing	40-36		40-36	" Deck, Material and thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	40-36		40-36	Forecastle Deck Stringer Plate, br'dth & th'kns			
" Angles on upper edge	40-36		40-36	" Angle on ditto			
" Spacing	40-36		40-36	" Tie Plates			
	40-36		40-36	" Deck, Material and thickness			

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



Form No. 1B

WEB FRAMES.

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

BULKHEADS.

STIFFENERS.

RUDDER, how constructed

Thickens of Plates on 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.

EDGES.

RIVETING.

BUTTS.

STRAKES.

FLAT PLATE KEEL

GARBOARD OF A STRAKE

State actual thickness in way of Double Bottom.

Strakes A.B.C. & D are reduced 0.4 in thickness in way of double bottom

A.B.C. maintain their widthship, thickness to Collision Bulkhead.

THICKNESS OF SHEET PILE

DO. OF STRAKE BELOW

DBLG. of Flat Plate Keel

Sheerstrakes

Length and thickness

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

Butts, riveted for

Shelter Deck

Stringer Plate

Upper Deck

Stringer Plate

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.

LOWER MASTS

Main

Mizen

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails

Suits of

Stays

Sails, and the following spare sails

EQUIPMENT No. 34704 LETTER 7

ANCHORS.

Number of Certificate

Test, per Certificate

Particulars of Drop Test of Cast Steel Anchors, viz.:-  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES.

HAWSERS AND WARPS.

Boats

Pumps, Number

Windlass is

Engine Room Skylights

Coal Bunker Openings

Ceiling in Holds, thickness and material

Cargo Hatchways

State size No. 1 Hatch (Forward)

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

Bulwarks, height above deck and description

The foregoing is a correct description

Builder's Signature (here only)

Correspondence

Workmanship

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?

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 Freeboards assigned by the Committee have been marked on the vessel's sides and verified.

The Double Bottom tanks have been constructed for the carrying of oil fuel.

This vessel is a sister ship to the same builder's No. 44 S.S. MONTE SANTO, Report No. 73449, No. 259 S.S. DALEMOOR, Report No. 75428, No. 260 S.S. EASTMOOR, Report No. 75636.

The amended side of the frames in double bottom at the bracket floors was approved locally.

Please return the approved plans to this Office for reference in dealing with sister vessels.

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

Plans to be forwarded with F.E. Report showing vessel as built.

Freight and Fee

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

Shelter Deck

Lloyd's Arch, + dimb. 9.22 2D, Ch

Lloyd's Register

W 612-0138 210n



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop Complete Shelter Deck ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 37.6 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) 1st (Stl) and Shelter Deck (Stl)

Official No. 146638; Signal Letters

State if Machinery is fitted aft Amidships

How are the surfaces preserved from oxidation? Inside Cement and Paint

Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>140</u>	<u>456</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		<u>110</u>
Double bottom, if under Engines only,	<u>23</u>	<u>106</u>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>166</u>	<u>628</u>	Other tanks, if fitted,		
		Total capacity of double bottom <u>1190</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. 4930

Date 16-9-20

No. 261 in builder's yard.

DATES of Surveys held while building

1920. Aug. 13. 18. 19. Sept. 6. 9. 15. Oct. 5. 7. 12. 15. 18. 27. Nov. 9. 10. 15. 19. Dec. 6. 10. 15. Jan. 5. 7. 9. 11. 14. 17. Feb. 8. 16. 27. Mar. 6. 10. 13. 20. 30. Apr. 4. 6. 12. 19. 25. 27. 28. May 8. 11. 12. 16. 17. 19. 23. 26. 29. June 1. 12. July 7. 14. 20. 25. Aug. 2. 14. 18. 22. 24. Sept. 16.

Surveyor's Signature Alas. Munro

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