

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 74485

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

Port of WALKER-ON-TYNE Date of completion of Report 9/7/21

Received at London Office 10 JUL 12 1921

Survey held at Walker-on-Tyne Date, First Survey 19 May 1920

Last Survey 15 June 1920

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

Single Screw Steamer "MIDDLESEX"

Rig Schooner

TONNAGE under Tonnage Deck 6185.18

CLASS 100 A1. Shel. dk.

FEET.

Master V.C. White-Parsons

Do. between Tonnage Dk. and Shelter Dk. 1999.80

Breadth (greatest moulded) 62.5

62.5

Year of Appointment 1905

Total under Shelter Dk. 8184.98

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 37.75

37.75

Built at Walker-on-Tyne

Do. of R. on CHART Ho. 4.62

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

92.25

When built 1921 Launched Mar. 22<sup>nd</sup> 1920

Do. of Bridge 54.83

Transverse Number 92.25

92.25

By whom built Swan Hunter & W.R. Ld

Do. of Forecastle 35.64

Length on deck from fore part of stem to after part of sternpost 460.00

460.00

Owners Federal Steam Nav. Co. Ltd

Do. of Houses on Deck 139.04

Longitudinal Number 42435.0

42435.0

Managers

Do. of access of Hatchways 1.79

Depth "d" at middle of length. See Secs. 2 & 13. 15.37

15.37

Residence

Do. above Crown of Engine Room 8568.79

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

12.18

Port belonging to London.

Less Crew Space 274.65

Do. at side to top of keel 10.05

10.05

Less above Crown of Engine Room 8894.14

Do. at side to top of keel 10.05

10.05

TONNAGE FOR FEES 2742.01

Do. at side to top of keel 10.05

10.05

Do. Navigation Spaces 116.24

Do. at side to top of keel 10.05

10.05

Register Tonnage 5435.89

Destined Voyage Falmouth.

Falmouth.

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

cut on Beam 5435.89

Destined Voyage Falmouth.

Falmouth.

No. of Decks with flat laid 2 No. of Tiers of Beams 3

LENGTH on deck as per Rule 460.0

BREADTH Moulded 62.5

62.5

Do. Upper Deck Beams 35.27

Dimensions of Ship per Register, Length 460.0 breadth 62.8 depth 27.2

Do. Upper Deck, Moulded depth, ft. 29 ins. 9

29 9

To Upper Dk. Round up of Uppermost Dk. Beam, Actual 15 1/2 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. Inches in Ship. Inches in Ship.

FRAME, Angles, or E or L Bars, amidships 10 1/2 3 1/2 58 10 3 1/2 68

Do. in peaks 8 1/2 3 1/2 46 8 3 1/2 46

PILLARS, In 'tween Deck, size and spacing

Two rows of wide spaced pillars.

Do. in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

Do. at intermdt. Bkts. 27 1/2 27 27 24 24 24

Hold

Quarter, 'tween Dks., in Hold

Spacing of Frames from centre to centre amidships 27 1/2

length to collision bulkhead 27

KEELSONS AND STRINGERS.

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

of Frames from centre to centre in peaks 24

EVERSED FRAME, Angles, 9 4 62 9 4 62

Do. in way of Double bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

Do. at intermdt. Bkts. 10 1/2 10 1/2

FRAMING, depth of girder 13 1/2 E & B SPACE

LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 10 1/2

Do. in way of Engine and Boiler spaces 10 1/2

thickness at the ends of vessel 10 1/2

depth at 1/2 the half-bdth. as per Rule 10 1/2

height extended at the Bilges 10 1/2

Do. in way of Double bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

state if flanged (top and bottom) 27 1/2

spacing of Solid 27 1/2

Do. in way of Double bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

Angles, Top 3 1/2 3 1/2 44 3 1/2 3 1/2 44

Bottom 5 5 60 5 5 60

to Floors 5 5 60 5 5 60

Brackets at intermdt. frmg., width & thkns 42 46 42 46

Do. in way of Double bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

state if flanged (top & bottom) 10 42 46 10 42 46

Angles 3 1/2 3 1/2 44 3 1/2 3 1/2 44

MARGIN PLATE, depth (exclusive of flange) and thickness 38 60 36 50

Angles to outside plating 4 4 60 4 4 60

to floors 6 3 1/2 42 5 3 1/2 42

Brackets at intermdt. frmg., width & thkns 42 46 42 46

Height of Brackets above at bilge 48 54 46 54

Do. in way of Double bottoms at Solid Floors 3 1/2 3 1/2 44 3 1/2 3 1/2 44

thickness in Engine and Boiler space 52 58 52 58

Remainder in Holds 42 42

AMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 3 1/2 48 9 3 1/2 48

Spacing 27 1/2 27 1/2

AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 3 1/2 48 9 3 1/2 48

AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 10 3 1/2 58 10 3 1/2 58

Angles on upper edge 27 1/2 27 1/2

AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 3 1/2 48 9 3 1/2 48

Angles on upper edge 27 1/2 27 1/2

Spacing 27 1/2 27 1/2

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 3 1/2 48 9 3 1/2 48

Angles on upper edge 27 1/2 27 1/2

Spacing 27 1/2 27 1/2

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 3 1/2 48 9 3 1/2 48

Angles on upper edge 27 1/2 27 1/2

Spacing 27 1/2 27 1/2

Deck, Material and thickness 27 1/2 27 1/2

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Deck, Material and thickness 27 1/2 27 1/2



WEB FRAMES. In Fore Body, No. and spacing. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. 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. RUDDER-A x D. Table 22. RUDDER, how constructed. PLATING. STRAKES. RIVETING. BUTTS. MASTS, SPARS, &c.

EQUIPMENT No. 47548. LETTER d. ANCHORS. Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Reg. by Table 31. Description of Anchor. Makers. Where and when tested and Superintendent. 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. 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. Correspondence. State dates and initials of letters respecting this case. 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.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 268.1 ft., Forecastle 49.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete shelter 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 Dks (Stl) and Shelter dk (Stl)*

Official No. *145234*; Signal Letters

State if Machinery is fitted aft

*No.*

How are the surfaces preserved from oxidation? Inside

*Gross Surveys (Vol. 100) & Indist. Lanks. Cracks wid. Anderson's Enamel. Water. Cement.*

Outside *Paint.*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>121.4</i>	<i>366</i>	Fore peak tank,		<i>115</i>
Double bottom, under Engines and Boilers,	<i>44.9</i>	<i>384</i>	After peak tank,		<i>23</i>
Double bottom, if under Engines only,	—	—	Deep tank, aft,		
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		
Double bottom, forward,	<i>186.4</i>	<i>696</i>	Other tanks, if fitted,		
	Total capacity of double bottom <i>1446</i>		(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*

*Double bottom tanks fitted for Oil Fuel or Water Ballast.*

Order for Special Survey No. *4842*

Date *30.8.19*

No. *1026* in builder's yard.

Dates of Surveys held while building

*1919*  
May 19. 23. 29. 30. Jun. 6. 12. 19. Jul. 3. 10. 17. 24. 31. Aug. 7. 14. 21. 28. Sep. 4. 11. 18. 25. Oct. 2. 9. 16. 23. 30. Nov. 6. 13. 20. 27. Dec. 4. 11. 18. 25. 31.  
*1920*  
Jan. 1. 8. 15. 22. 29. Feb. 5. 12. 19. 26. Mar. 5. 12. 19. 26. Apr. 2. 9. 16. 23. 30. May 7. 14. 21. 28. Jun. 4. 11. 18. 25. Jul. 2. 9. 16. 23. Aug. 6. 13. 20. 27. Sep. 3. 10. 17. 24. Oct. 1. 8. 15. 22. Nov. 5. 12. 19. 26. Dec. 3. 10. 17. 24. 31.

Total No. of Visits *108*

Surveyor's Signature *S. J. Robson. Alex. Munro*