

Awning or Shelter Deck, or Pl. Awning Deck

STEEL STEAMER.

No. 9120

Port of *Belfast*

Date of completion of Report *28th May 1924*

Received at London Office

FRI. 30 MAY. 1924

Survey held at *Belfast*

Date, First Survey

9th February 1923

Last Survey

22nd May 1924

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

Twin Screw Motor Vessel "GLENSHIEL"

Rig *schooner*

TONNAGE under

6476.17

CLASS *100 A1 "Awning Deck"*

Master

Do. between Tonnage Dk. and

2029.31

Breadth (greatest moulded)

62.00

Year of Appointment

Total under Upper Dk.

8505.48

Depth, at middle of length from top of keel to top of

38.66

Built at *Belfast*

Do. of Poop

129.48

beams at side of uppermost Continuous Deck

100.66

When built *1924.5mo* Launched *24th June 1924*

Do. of *Q. Dk. Chart No.*

16.68

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

8.00

By whom built *Harland & Wolff Ltd.*

Do. of Bridge House

215.80

Transverse Number

92.66

Owners *Glen Line Ltd.*

Do. of Forecastle

46.54

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

485

Managers

Do. of Houses on Deck

482.13

Longitudinal Number

44940

Residence

Do. of excess of Hatchways

28.91

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

16.33

Port belonging to *Belfast*

Do. above Crown of

3012.80

Proportions, Depths to Length, Uppermost Continuous

10.28

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

Do. of Engine Room

166.24

Deck at side to top of keel

12.54

Less Engine Room

3012.80

Upper Deck at side

12.54

Less Navigation Spaces

166.24

to top of keel

12.54

Register Tonnage

5803.25

Destined Voyage

LENGTH on

485

BREADTH

62

DEPTH, ACTUAL

38

Top of Floors to top of Awn. or Shelter Dk. Beams

35

Upper Deck Beams

27

No. of Decks with flat laid

3

No. of Tiers of Beams

3

Dimensions of Ship per Register,

Length *485.7* breadth *62.25* depth *38.55*

Awn. or Shelter Dk.

Moulded depth, ft. *38* ins. *9*

To Awning or Shelter Dk.

Round up of Uppermost

Dk. Beam, Actual *12* ins

FRAMING.

| | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship |
|--|---------------------------|---------------------------------|--------------------------------------|-----------------|------------------------|----------------|
| E. Angles, or <i>C</i> Bars, amidships | <i>9.3 1/2 x 3 1/2</i> | <i>4.8 W</i> | <i>9.3 1/2 x 3 1/2</i> | <i>4.8 W</i> | <i>9.3 1/2 x 3 1/2</i> | <i>4.8 W</i> |
| in peaks <i>Bulb Angles</i> | <i>8 3 1/2</i> | <i>4.6</i> | <i>8 3 1/2</i> | <i>4.6</i> | <i>8 3 1/2</i> | <i>4.6</i> |
| in way of Double Bottoms at Solid Floors | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> |
| " " at intermdt. Bkts. | | | | | | |
| of Frames from centre to centre amidships | <i>50</i> | | <i>30</i> | | | |
| length to collision bulkhead | <i>30</i> | | <i>30</i> | | | |
| of Frames from centre to centre in peaks | <i>24 AP 23 FP</i> | <i>24 AP 23 FP</i> | | | | |
| SED FRAME, Angles on channel frames | <i>3 1/2</i> | <i>3 1/2</i> | <i>50</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>50</i> |
| in way of Double Bottoms at Solid Floors | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> |
| " " at intermdt. Bkts. | | | | | | |
| G. depth of girder | <i>9</i> | | <i>9</i> | | | |
| depth and thickness of Floor Plate | | | | | | |
| at mid-line for 1/2 length amidships | | | | | | |
| 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 | | | | | | |
| in Cell Double Bottoms | <i>44 to 40</i> | | <i>44 to 40</i> | | | |
| state if flanged (top and bottom) | <i>no</i> | | <i>no</i> | | | |
| spacing of Solid | <i>30</i> | | <i>30</i> | | | |
| GIRDER, in Dbl. bottom, dpth. & thickness | <i>47 x 58 to 46</i> | | <i>47 x 58 to 46</i> | | | |
| " Angles, Top | <i>3 1/2</i> | <i>3 1/2</i> | <i>54</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>54</i> |
| " " Bottom | <i>4 1/2</i> | <i>4 1/2</i> | <i>70</i> | <i>4 1/2</i> | <i>4 1/2</i> | <i>70</i> |
| " " to Floors | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> |
| Brackets at intermdt. frmg. with & thickness | | | | | | |
| IDERS, number and thickness | <i>Three</i> | <i>42 to 38</i> | | <i>42 to 38</i> | | |
| " state if flanged (top & bottom) | <i>no</i> | | <i>no</i> | | | |
| Angles | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> | <i>3 1/2</i> | <i>3 1/2</i> | <i>4.6</i> |
| PLATE, depth (exclusive of flange) | <i>42</i> | | <i>52</i> | <i>42</i> | | <i>52</i> |
| and thickness | | | | | | |
| Angles to outside plating | <i>4</i> | <i>4</i> | <i>52</i> | <i>4</i> | <i>4</i> | <i>52</i> |
| " to floors | <i>Single 6 x 6 x 4.6</i> | <i>Dble 3 1/2 x 3 1/2 x 4.6</i> | <i>in No. 1 Hold & Eng. Room</i> | | | |
| Brackets at intermdt. frmg. with & thickness | | | | | | |
| Height of Brackets above at bilge | <i>2.5</i> | | <i>2.5</i> | | | |
| OTTOM PLATING, breadth and | <i>47 x 54 to 44</i> | | <i>47 x 54 to 44</i> | | | |
| thickness of Middle Line Strake | | | | | | |
| thickness in Engine and Boiler space | <i>52</i> | | <i>52</i> | | | |
| " Remainder in Holds | <i>42 to 40</i> | | <i>42 to 40</i> | | | |
| Wing or Shelter Dk. Single Angle | <i>7 x 3 x 4.8</i> | | <i>7 x 3 x 4.8</i> | | | |
| Angle, Plate, Tee Bulb or Channel | <i>30</i> | | <i>30</i> | | | |
| per Deck, Single Angle, Bulb Angle, | <i>8 x 3 1/2 x 3 1/2</i> | <i>4.8 W</i> | <i>8 x 3 1/2 x 3 1/2</i> | <i>4.8 W</i> | | |
| Angle, Tee Bulb or Channel | <i>30</i> | | <i>30</i> | | | |
| Second, Third & Fourth Deck, Single | <i>8 x 3 1/2 x 3 1/2</i> | <i>5.8 W</i> | <i>8 x 3 1/2 x 3 1/2</i> | <i>5.8 W</i> | | |
| Bulb Angle, Plate, Tee Bulb or Channel | <i>30</i> | | <i>30</i> | | | |
| on upper edge | | | | | | |
| op Deck, Angle, Bulb Angle, Plate, | <i>7 x 3 x 3</i> | <i>4.8</i> | <i>7 x 3 x 3</i> | <i>4.8</i> | | |
| Angle, Tee Bulb or Channel | | | | | | |
| Angles on upper edge | <i>30 x 24</i> | | <i>30 x 24</i> | | | |
| ing | | | | | | |
| ge Deck, Angle, Bulb Angle, Plate, | <i>7 x 3 x 3</i> | <i>4.8</i> | <i>7 x 3 x 3</i> | <i>4.8</i> | | |
| Angle, Tee Bulb or Channel | | | | | | |
| Angles on upper edge | <i>30</i> | | <i>30</i> | | | |
| ing | | | | | | |
| castle Deck, Angle, Bulb Angle, | <i>7 x 3 x 3</i> | <i>4.8</i> | <i>7 x 3 x 3</i> | <i>4.8</i> | | |
| Angle, Tee Bulb or Channel | | | | | | |
| on upper edge | <i>30 x 23</i> | | <i>30 x 23</i> | | | |

PILLARS.

| | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship | Inches in Ship |
|---|---|----------------|---|----------------|----------------|----------------|
| PILLARS, in 'tween Deck, size and spacing | | | | | | |
| " " Hold | | | | | | |
| " " Quarter, 'tween Dks., | | | | | | |
| " " in Hold | | | | | | |
| KEELSONS AND STRINGERS. | | | | | | |
| CENTRE LINE KEELSON, Vertical Plate above | | | | | | |
| floor, 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 | | | | | | |
| length | | | | | | |
| Attached to outside plating with Angle | | | | | | |
| Awning or Shelter Deck Stringer Plates, | | | | | | |
| breadth and thickness | <i>60 x 84 to 44</i> | | <i>60 x 84 to 44</i> | | | |
| Angle on ditto | <i>5 x 5 x 7.6</i> | | <i>5 x 5 x 7.6</i> | | | |
| Tie Plates, fore and aft, outside Hatchways | <i>60</i> | | <i>60</i> | | | |
| Deck * Iron or Steel, for | <i>50 to 36</i> | | <i>50 to 36</i> | | | |
| length | | | | | | |
| Wood Deck, Material & thickness | <i>42 in way of Bridge</i> | | <i>42 in way of Bridge</i> | | | |
| Upper Deck Stringer Plate, breadth and | <i>50 x 50 to 44</i> | | <i>50 x 50 to 44</i> | | | |
| thickness | <i>44 in way of Bridge</i> | | <i>44 in way of Bridge</i> | | | |
| Angles on ditto, No. 2 | <i>4 x 4 x 50</i> | | <i>4 x 4 x 50</i> | | | |
| Tie Plates, outside Hatchways | | | | | | |
| Deck * Iron or Steel, for | <i>42 to 32</i> | | <i>42 to 32</i> | | | |
| length | | | | | | |
| Wood Deck, Material & thickness | <i>36 in way of Bridge</i> | | <i>36 in way of Bridge</i> | | | |
| Second Deck Stringer Plates, br'dth & thickn's | <i>50</i> | | <i>50</i> | | | |
| Angles on ditto, No. 2 | <i>4 x 4 x 50</i> | | <i>4 x 4 x 50</i> | | | |
| Tie Plates, outside Hatchways | | | | | | |
| Deck * Material and thickness | <i>Steel</i> | | <i>Steel</i> | | | |
| 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 | <i>38</i> | | <i>38</i> | | | |
| Angles on ditto | <i>3 1/2 x 3 1/2 x 3.8</i> | | <i>3 1/2 x 3 1/2 x 3.8</i> | | | |
| Tie Plates | | | | | | |
| Deck, Material and thickness | <i>Steel 30 sheathed with 2 1/2 P. Pine</i> | | <i>Steel 30 sheathed with 2 1/2 P. Pine</i> | | | |
| Bridge Deck Stringer Plate, br'dth & thickness | <i>63</i> | | <i>63</i> | | | |
| Angle on ditto | <i>5 x 5 x 6.6</i> | | <i>5 x 5 x 6.6</i> | | | |
| Tie Plates | | | | | | |
| Deck, Material and thickness | <i>Steel</i> | | <i>Steel</i> | | | |
| Forecastle Deck Stringer Plate, br'dth & th'kns | <i>38</i> | | <i>38</i> | | | |
| Angle on ditto | <i>3 1/2 x 3 1/2 x 3.8</i> | | <i>3 1/2 x 3 1/2 x 3.8</i> | | | |
| Tie Plates | | | | | | |
| Deck, Material and thickness | <i>Steel 30 sheathed with 3 P. Pine</i> | | <i>Steel 30 sheathed with 3 P. Pine</i> | | | |

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

| WEB FRAMES. | | | | FORGINGS or CASTINGS. | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| WEB-FRAMES, In Fore Body, No. and spacing | | | | KEEL, Bar, depth and thickness | | | |
| " " " brdth. & thickness | | | | STEM, moulding and thickness | | | |
| " No. of Side Stringers | | | | STERN-POST for Rudder do. do. | | | |
| WEB-FRAMES, In E. Space, No. & spacing | | | | " for Propeller | | | |
| " " " brdth. & thickness | | | | RUDDER—A×D* Table 22. Speed 12½ Knots A×D = 1087 | | | |
| WEB-FRAMES, In After Body, No. and spacing | | | | " Main-Piece, diameter at head | | | |
| " " " brdth. & thickness | | | | " " at heel | | | |
| " No. of Side Stringers | | | | | | | |
| " Size of Face Angles to Web-Frames | | | | | | | |
| BRACKET PLATES to Stringers between | | | | | | | |
| Web Frames, depth and thickness | | | | | | | |

| BULKHEADS. | Number. | | Thickness. | STIFFENERS. | | | | Single or Double Frames. | Height up, state deck. |
|-----------------|------------|-----------|-----------------------|-------------|-------------|-----------|----------|--------------------------|------------------------|
| | Vessel. | Per Rule. | | Horizontal. | | Vertical. | | | |
| | | | | Size. | Spacing. | Size. | Spacing. | | |
| | | | Inches. | Inches. | Inches. | Inches. | Inches. | | |
| W.T.BULKHEADS | 7 | 8 | 58 to 26 | 12 to 3½ | 56 B.A. | 22 to 30 | Double | | |
| | see letter | | 44 to 26 | - | - | 30 | 4 to 4½ | 56 Am. Pl. | |
| | | | 46 to 26 | 12 to 4 | 56 W. | 30 | - | - | - |
| | | | | | 62 5 F | 30 | - | - | - |
| | | | Twelve Dk Stiffs | 5½ to 3 | 32 B.A. | 30 | Lower | | |
| | | | | 3½ to 2½ | 28 angle up | 30 | Upper | | |
| .. COLLISION .. | | | 56 to 26 | 15 to 4 | 56 W. | 24 | - | - | - |
| PARTITION .. | | | | | 62 5 F | | | | |
| LONGITUDINAL.. | | | and 2 semi box frames | | | | | | |

| | | | |
|---|--|---|--|
| RUDDER, how constructed | | Forged Steel Keyed Arms. Single Plate | |
| " Thickness of Plates or Single Plate | | 1/8 | |
| Can the Rudder be unshipped afloat? | | Yes. | |
| 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.? | | Lumens Martin open hearth acid & basic | |
| Plates | | D. Colville & South Durham. | |
| Bars | | D. Colville, Lanarkshire & Dorman Long. | |
| Has the Steel been tested as required by the Rules? | | Yes. | |

Are the outside Plates doubled two spaces of Frames in length? *Large Brackets.*

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

| PLATING. | | | | | | | | | | RIVETING. | | | | | | | | | |
|--|----|------|----|----|------|--------|--------|----|----|-------------------------------------|---------|----|----|-----|-----|-----|------|--|--|
| AS IN SHIP. | | | | | | | | | | EDGES, Ordinary or jogged? ordinary | | | | | | | | | |
| PER RULE OR AS APPROVED. | | | | | | | | | | BUTTS. | | | | | | | | | |
| STRAKES. | | | | | | | | | | Singles or Double. | | | | | | | | | |
| AMIDSHIP. | | | | | | | | | | RIVETS. | | | | | | | | | |
| Breadth. | | | | | | | | | | Diam. | | | | | | | | | |
| Thickness. | | | | | | | | | | Spacing or to cr. | | | | | | | | | |
| Inches. | | | | | | | | | | Inches. | | | | | | | | | |
| FLAT PLATE KEEL..... | 50 | 88 | 82 | 82 | 50 | 88 | Double | 6 | 1 | 3¼ | D.S.T.R | 1 | 3½ | 22½ | 66 | 14½ | full | | |
| GARBOARD or A Strake | 72 | 74 | 74 | 60 | 74 | 74 | | | | | Quad | 1 | 4 | | | | | | |
| State actual thickness in way of Double Bottom. | B | 70 | 74 | 56 | 74 | 74 | | | | | | | | | | | | | |
| | C | 74 | 74 | 56 | 74 | 74 | | | | | | | | | | | | | |
| | D | 73 | 74 | 64 | 70 | 74 | | | | | | | | | | | | | |
| | E | 67 | 74 | 52 | 60 | 74 | | | | | | | | | | | | | |
| | F | 60 | 74 | 52 | 60 | 74 | | | | | | | | | | | | | |
| | G | 61 | 72 | 48 | 52 | 74 | | | | | | | | | | | | | |
| | H | 67 | 72 | 48 | 56 | 72 | | | | | | | | | | | | | |
| | J | 70 | 72 | 48 | 52 | 72 | | | | | | | | | | | | | |
| | K | 73 | 72 | 48 | 52 | 72 | | | | | | | | | | | | | |
| | L | 63 | 72 | 48 | 48 | 72 | | | | | | | | | | | | | |
| | M | 77 | 72 | 48 | 48 | 72 | | | | | | | | | | | | | |
| Sheer | N | 54 | 72 | 48 | 48 | 54 | | | | | | | | | | | | | |
| Bridge | O | 51 | 72 | | | 72 | | | | | | | | | | | | | |
| Link | P | 65 | 76 | | | 76 | | | | | | | | | | | | | |
| | Q | | | | | | | | | | | | | | | | | | |
| | R | | | | | | | | | | | | | | | | | | |
| | S | | | | | | | | | | | | | | | | | | |
| | T | | | | | | | | | | | | | | | | | | |
| | U | | | | | | | | | | | | | | | | | | |
| | V | | | | | | | | | | | | | | | | | | |
| | W | | | | | | | | | | | | | | | | | | |
| THICKNESS OF STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW | | 1.00 | | | 1.00 | Double | 6¾ | 18 | 4½ | D.S.T.R | 18 | 4½ | 26 | 68 | 14½ | | | | |
| DBLG. of Flat Plate Keel | | 84 | | | 84 | | 6 | 1 | 3½ | Quad | 1 | 4 | | | | | | | |
| " Sheerstrakes | | | | | | | | | | | | | | | | | | | |
| Length and thickness. | | | | | | | | | | | | | | | | | | | |
| POOP SIDES | | | | 40 | 40 | Single | 2½ | ¾ | 3 | Double | ¾ | 2½ | | | | | | | |
| SHORT BRIDGE SIDES | | | | | | | | | | | | | | | | | | | |
| FORECASTLE SIDES | | | | 44 | 44 | | | | | | | | | | | | | | |

| | | | | | |
|------------------------|--|--|--|--|--|
| Awning or Shelter Deck | | Butts, Quad riveted for 3/5 length amidship. | | Butts of Side Stringers riveted. | |
| Stringer Plate | | Quint riveted at Bridge ends. | | Tie Plates riveted. | |
| | | Straps, single, double or overlapped for full length amidship. | | | |
| Upper Deck | | Butts, Triple riveted for full length amidship. | | Inner Bottom Plating, riveting of Edges Double | |
| Stringer Plate | | Straps, single or overlapped for full length amidship. | | Middle Line edges double Butts Triple | |
| | | | | Centre Girder Butts, Triple riveted Keelson Butts, riveted. | |
| | | | | Frames, riveted through Plates with 1 in. Rivets, about 6 apart. | |
| | | | | Rivets, state whether Iron or Steel. Iron. | |

FRAMES extend in one length from *Middle Line to Margin & thence to gunwale.* State if ordinary or jogged *Ordinary.*

REVERSED FRAMES on floors and frames extend from *Middle Line to Margin and on every third frame to underside of Lower Deck/Beams.* State if ordinary or jogged *Ordinary.*

MASTS, SPARS, &c.

| | Material. | Total Length. | DIAMETER AND THICKNESS. | | | | No. of Plates in round. | ANGLES. | | RIVETING. | |
|------------------|-----------|---------------|-------------------------|---------|---------|--------|-------------------------|---------|-------------|-----------|-----------------|
| | | | At Partners. | Heel. | Hounds. | Head. | | Number. | Size. | Seams. | Butts. |
| LOWER MASTS..... | Fore | Steel 109'6" | 30 × 50 | 24 × 50 | 24 × 40 | 5 × 20 | 2 | 4 | 4 × 3½ × 50 | Single | Triple & Double |
| | Main | 114'9" | 28 × 46 | 22 × 46 | 22 × 40 | 5 × 20 | 2 | 3 | 3½ × 3 × 46 | | |
| | Mizen | | | | | | | | | | |
| Bowsprit | | | | | | | | | | | |

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds *Galv'd S.W. 4*

Sails. *none*

Suit of *✓*

Stays *4 × 3*

Sails, and the following spare sails.

| EQUIPMENT No. 50005 | | | | | | | | | | | | | | | | | | LETTER et | | | | 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. | | | | | | | | | | | | | | | | | |
| 86522 | 1st Bower | 82 | 1 | 4 | 54 | 2 | 10 | 60 | 0 | 0 | 0 | 85 | 2 | 0 | Taylor's Stockless | S. Taylor & Sons | 12/9/23 Wright. | | | | | | | | | | | | | | |
| 86523 | 2nd " | 81 | 2 | 26 | 52 | 0 | 23 | 59 | 10 | 0 | 0 | 85 | 2 | 0 | "Deadweight" | " | " | | | | | | | | | | | | | | |
| 86537 | 3rd " | 81 | 0 | 24 | 52 | 2 | 26 | 59 | 10 | 0 | 0 | 73 | 2 | 0 | " | " | " | | | | | | | | | | | | | | |
| | Collective weight | 245 | 0 | 26 | | | | | | | | 244 | 2 | 0 | | | | | | | | | | | | | | | | | |
| 86569 | Stream | 26 | 0 | 7 | 6 | 3 | 0 | 25 | 14 | 1 | 14 | 25 | 0 | 0 | Trotmans | H. Hingley & Sons | 12/10/23 Wright. | | | | | | | | | | | | | | |
| 86570 | Kedge | 12 | 1 | 5 | 3 | 0 | 19 | 14 | 4 | 0 | 7 | | | | | | | | | | | | | | | | | | | | |

| 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. | Diam. | Statio-ry. | Break-ing. | Supplied. | Per Rule. | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | | | | Length. | Cir. | Tons. | Fathoms. | Length. | Cir. | | | | |
| 76325 | 150 | 2 1/2 | | | 10-14-0 | 103-7-2 | 499-2-5 | | 989-0-0 | 300 | 2 1/2 | Shed H. Hingley & Sons | 17/9/23 Wright. | | TOWLINE | 130 | 6 | 85 | 130 | 6 | | | | | |
| 76334 | 150 | 2 1/2 | | | | | 500-0-17 | | 999-2-22 | | | | 27/9/23 Wright. | | HAWSERS & WARPS | 120 | 5 1/2 | 26 | 100 | 2 3/4 | | | | | |
| | | | | | | | | | | | | | | | 2 coils | 120 | 8 | Manilla | 100 | 2 1/4 | | | | | |
| | | | | | | | | | | | | | | | 2 coils | 120 | 7 | " | 100 | 2 1/4 | | | | | |
| | | | | | | | | | | | | | | | | | | | 100 | 2 1/4 | | | | | |

Boats 6 Life Boats.

Pumps, Number 2 Downton Pumps connected to engine tilge Diameter of Barrel 6".

Windlass is H. Wilson Patent electric control by Laurence Scott. Capstan.

Engine Room Skylights.—How constructed? Steel Plates & angles. What arrangements for deadlights in bad weather? Bulbs eyes & shutters.

Coal Bunker Openings.—How constructed? none. How are lids secured? Height above deck?

Number of **Scuppers**, and numbers and dimensions of **Freeing Ports**, &c. 8 Scuppers each side 10 Ports each side 36" x 19".

Ceiling in Holds, thickness and material 2 1/2" W.P. under hatchways & over limber.

Cargo Hatchways.—How formed? Steel Plates & angles. **Hatches**, If strong and efficient? Yes.

State size **No. 1 Hatch** (Forward) 25'-0" x 20'-0" **No. 2 Hatch** 37'-6" x 22'-0" **No. 3 Hatch** on Bridge 22'-6" x 20'-0" **No. 4 Hatch** 10'-0" x 20'-0" N° 5 27'-6" x 20'-0"

Number of **Web Plates**, **Shifting Beams** and **Fore and Afters** to each Hatch 4 webs in N° 1, 8 webs in N° 2, 3 webs in N° 3, 1 web in N° 4 and 1 N° 6 25'-0" x 20'-0"

5 webs in N° 5, all webs 18" x 36" with double angles 4 x 3 x 4 on top & bottom. **No. of Breasthooks** 3 **No. of Crutches** Deep Floors 1

Bulwarks, height above deck and description 4'-6" x 25" Steel. Main Rail and Stays, material and size 6 x 3 1/2 x 40 B.R. Stays 6 x 40 Butt Plate.

The foregoing is a correct description.

Builder's Signature (here only) *For HARLAND & WOLFF Ltd.* Surveyor's Signature *P. Kendall* 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. 16/8/17, 8/11/20, 5/7/23, 2/10/23, 19/11/23, 3/4/24, E 27/10/23

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.

to plate, &c., conform well to each other? Yes.

from the faying surfaces? Yes.

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

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

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

State results of tests satisfactory.

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

This vessel has been built in accordance with the plans approved by the Committee, the Secretary's letters of the abovementioned dates and in other respects in general conformity with the Rules, and the materials and workmanship are good throughout.

The keel was sighted before launching and found straight.

The approved plans even in number together with nine forging and casting reports and copy of Midship Section & Profile as built are forwarded herewith.

The Owners letter agreeing to the omission of one of the Bulkheads required by the Rules is attached hereto.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

Freeboard Fee £15: 0: 0 Fees applied for, 24-8-1924.

The amount of Entry Fee £11: 0: 0

Special Survey Fee £435: 7: 6

Travelling Expenses, if any £: : : Required by me

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

I am of opinion this Vessel should be Classed 100 A1, Awning Deck.

With, or without Freeboard, as condition of Class with freeboard.

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

Committee's Minute

Character assigned

100 A1

awndk with fwd

write 8/6/24

Lloyds as b. O.

oil engines

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Lloyd's Register Foundation

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40 ft., R.Q.D. / ft., Bridge 153 ft., Forecastle 58 (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 a should appear in the Register Book) 2 Ecks (stl) 7 Awning Dk (stl) 1 BH dispensed with 7 BH only all to Awning Dk.
 Official No. 145439 ; Signal Letters State if Machinery is fitted aft no
 How are the surfaces preserved from oxidation? Inside Paint and Portland Cement, Outside Paint.

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

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|----------------|-----------------------|--|----------------|-----------------------|
| Double bottom, aft, | 122.5 | 397 | Fore peak tank, | | 130 |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | 78 |
| Double bottom, if under Engines only, | 57.5 | 253 | Deep tank, aft, | 30 | 686 |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | 27.5 | 864 |
| Double bottom, forward, | 241.0 | 1068 | Other tanks, if fitted, | | |
| Total capacity of double bottom | | 1718 | (If necessary, furnish further information by sketch.) | | |

* The wells are not to be included in the lengths of the tanks. 21.0

State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 742

Date 17th April 1923.

No. 594 in builder's yard.

DATES of Surveys held while building

1923 Feb 9-16-28 Mar 8-20 Apr 6-13-23 May 1-4-10-16-29 June 6-13-20-27 July 4-6-26 Aug 3-9-15
 Sept 6-13-14-21-24-28 Oct 1-3-10-17-19-31 Nov 1-2-6-7-9-12-13-16-21-23-29-30 Dec 4-11-13-14-19-21
 1924 Jan 11-16-18-21-24-29 Feb 12-26-29 Mar 5-14-17-18-26-28-31 Apr 17-28 May 1-2-5-12-13-15-16-19-20

Total No. of Visits 84 (830)

Surveyor's Signature

E. O. Kendall

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