

STEEL STEAMER OF MOTORSHIP.

Received at London Office

JUN 11 1925

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 23rd May 1925Port of NEWCASTLE-ON-TYNENo. 79233Survey held at Wallsend-on-TyneDate First Survey 2nd September 1924Last Survey 13th May

1925

On the amidships"Granda"State Type (Full) Scantling, Complete Superstructure with or without Tonnage OpeningsFull scantlingState Type of Erections Poop, (Bridge with Promenade & Boat Decks), & Forecastle.TONNAGE under Tonnage Deck... 4742.26CLASS 100 A.1.State if with freeboard as condition of Class No

FEET.

Built at Wallsend-on-TyneLaunched 24th Feb 1925 Yard No. 1259Builders Swan Hunter & Wigham RichardsonOwners The Chamberlain Steamship Co. Ltd.Managers J & J Harrison

(Where necessary to be entered in Reg. Book.)

Residence Mercy Chambers LiverpoolPort of Registry Liverpool

If surveyed while building, afloat, or in dry dock

Built under special survey.Do. of space or spaces between Tonnage Dk. and Upper Dk. Forecastle 93.07
Bridge 24.08
Poop 91.88
Deck Houses 133.61
etc

Total

Gross Tonnage 5984.90Register Tonnage 3746.49REGISTERED DIMENSIONS.
FEET.Length 407.0Breadth 52.25Depth 28.5Length from fore part of stem to after part of stern of beam at side of uppermost continuous deck. See Sec. 3 (1a) L 406.5Breadth (greatest moulded) B 52.0Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 31.01st Longitudinal Number (L x D) = 12601.52nd Numeral L x (B + D) = 33739.5Framing Depth "d," at middle of length. See Sec. 3 (1d) 16.42Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.11
Do. Long Bridge to top of keel 10.42Draught Moulded 25.5 5/8

FRAMES, DOUBLE BOTTOM AND BEAMS.

| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--|---|--|--|----------------------|--|
| FRAMES, Spacing amidships | <u>26</u> | — | Bracket Floors, Frame | | |
| " " from $\frac{1}{2}$ length to Collision bulkhead | <u>26</u> | — | " " Reversed Frame | | |
| " " in peaks | <u>26</u> | — | " " Vertical Struts | | |
| SIDE FRAMING. | | | Centre Girder, depth and thickness amidships | <u>43</u> | <u>54</u> |
| Frame Amidships, Angle, E or C | <u>10 3 1/2</u> | — | " " top Angles <u>Double</u> | <u>3 1/2</u> | <u>3 1/2</u> |
| " " Extends up to | <u>Second deck</u> | — | " " bottom Angles <u>2"</u> | <u>4</u> | <u>4</u> |
| Reversed Frame Amidships, Angle | <u>None</u> | — | Side Girders, No. each side and thickness | <u>One</u> | <u>40</u> |
| " " Extends up to | | — | Margin Plate depth (excl. of flange) and thickness | <u>3 1/2</u> | <u>50</u> |
| Depth of Framing Girder | <u>13.2 Frames</u> | — | " " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem | <u>4</u> | <u>3 1/2</u> |
| Frames in Uppermost Continuous 'tween Decks, Angle, E or C | <u>8 3 1/2 38</u> | — | " " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem | <u>6</u> | <u>6</u> |
| " " Second 'tween Decks, Angle, E or C | <u>8 3 1/2 38</u> | — | " " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem | <u>.39</u> | <u>every frame</u> |
| " " Third " " " " | | — | " " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem | <u>.39</u> | <u>every frame</u> |
| Framing in Peaks, Angle or C | <u>8 3 34</u> | — | Tank Side Brackets, height above base line at toe of Frame and thickness | <u>5 1/2</u> | <u>43</u> |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | <u>7 dias</u> | — | INNER BOTTOM PLATING. | | |
| State if Frame Joggled | <u>Joggled ex peaks</u> | — | Breadth and thickness of Middle Line Strake | <u>51</u> | <u>50</u> |
| PANTING ARRANGEMENTS (Sec. 7), state system and particulars | <u>13a. 10 1/2 x 33 x 48</u> <u>14a. 10 1/2 x 33 x 48</u> <u>15a. 10 1/2 x 33 x 48</u> <u>16a. 10 1/2 x 33 x 48</u> <u>17a. 10 1/2 x 33 x 48</u> <u>18a. 10 1/2 x 33 x 48</u> <u>19a. 10 1/2 x 33 x 48</u> <u>20a. 10 1/2 x 33 x 48</u> <u>21a. 10 1/2 x 33 x 48</u> <u>22a. 10 1/2 x 33 x 48</u> <u>23a. 10 1/2 x 33 x 48</u> <u>24a. 10 1/2 x 33 x 48</u> <u>25a. 10 1/2 x 33 x 48</u> <u>26a. 10 1/2 x 33 x 48</u> <u>27a. 10 1/2 x 33 x 48</u> <u>28a. 10 1/2 x 33 x 48</u> <u>29a. 10 1/2 x 33 x 48</u> <u>30a. 10 1/2 x 33 x 48</u> <u>31a. 10 1/2 x 33 x 48</u> <u>32a. 10 1/2 x 33 x 48</u> <u>33a. 10 1/2 x 33 x 48</u> <u>34a. 10 1/2 x 33 x 48</u> <u>35a. 10 1/2 x 33 x 48</u> <u>36a. 10 1/2 x 33 x 48</u> <u>37a. 10 1/2 x 33 x 48</u> <u>38a. 10 1/2 x 33 x 48</u> <u>39a. 10 1/2 x 33 x 48</u> <u>40a. 10 1/2 x 33 x 48</u> <u>41a. 10 1/2 x 33 x 48</u> <u>42a. 10 1/2 x 33 x 48</u> <u>43a. 10 1/2 x 33 x 48</u> <u>44a. 10 1/2 x 33 x 48</u> <u>45a. 10 1/2 x 33 x 48</u> <u>46a. 10 1/2 x 33 x 48</u> <u>47a. 10 1/2 x 33 x 48</u> <u>48a. 10 1/2 x 33 x 48</u> <u>49a. 10 1/2 x 33 x 48</u> <u>50a. 10 1/2 x 33 x 48</u> <u>51a. 10 1/2 x 33 x 48</u> <u>52a. 10 1/2 x 33 x 48</u> <u>53a. 10 1/2 x 33 x 48</u> <u>54a. 10 1/2 x 33 x 48</u> <u>55a. 10 1/2 x 33 x 48</u> <u>56a. 10 1/2 x 33 x 48</u> <u>57a. 10 1/2 x 33 x 48</u> <u>58a. 10 1/2 x 33 x 48</u> <u>59a. 10 1/2 x 33 x 48</u> <u>60a. 10 1/2 x 33 x 48</u> <u>61a. 10 1/2 x 33 x 48</u> <u>62a. 10 1/2 x 33 x 48</u> <u>63a. 10 1/2 x 33 x 48</u> <u>64a. 10 1/2 x 33 x 48</u> <u>65a. 10 1/2 x 33 x 48</u> <u>66a. 10 1/2 x 33 x 48</u> <u>67a. 10 1/2 x 33 x 48</u> <u>68a. 10 1/2 x 33 x 48</u> <u>69a. 10 1/2 x 33 x 48</u> <u>70a. 10 1/2 x 33 x 48</u> <u>71a. 10 1/2 x 33 x 48</u> <u>72a. 10 1/2 x 33 x 48</u> <u>73a. 10 1/2 x 33 x 48</u> <u>74a. 10 1/2 x 33 x 48</u> <u>75a. 10 1/2 x 33 x 48</u> <u>76a. 10 1/2 x 33 x 48</u> <u>77a. 10 1/2 x 33 x 48</u> <u>78a. 10 1/2 x 33 x 48</u> <u>79a. 10 1/2 x 33 x 48</u> <u>80a. 10 1/2 x 33 x 48</u> <u>81a. 10 1/2 x 33 x 48</u> <u>82a. 10 1/2 x 33 x 48</u> <u>83a. 10 1/2 x 33 x 48</u> <u>84a. 10 1/2 x 33 x 48</u> <u>85a. 10 1/2 x 33 x 48</u> <u>86a. 10 1/2 x 33 x 48</u> <u>87a. 10 1/2 x 33 x 48</u> <u>88a. 10 1/2 x 33 x 48</u> <u>89a. 10 1/2 x 33 x 48</u> <u>90a. 10 1/2 x 33 x 48</u> <u>91a. 10 1/2 x 33 x 48</u> <u>92a. 10 1/2 x 33 x 48</u> <u>93a. 10 1/2 x 33 x 48</u> <u>94a. 10 1/2 x 33 x 48</u> <u>95a. 10 1/2 x 33 x 48</u> <u>96a. 10 1/2 x 33 x 48</u> <u>97a. 10 1/2 x 33 x 48</u> <u>98a. 10 1/2 x 33 x 48</u> <u>99a. 10 1/2 x 33 x 48</u> <u>100a. 10 1/2 x 33 x 48</u> | — | Thickness of remainder in Holds | <u>1 1/2</u> | <u>38</u> |
| STRENGTHENING OF BOTTOM FORWARD. State Particulars | <u>Three shell strakes P. & S. midship thickness 10 collision P. & S. extra intercostals</u> | — | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? | <u>Yes</u> | <u>all Double Bottom scantlings in P. & S. increased beyond Rules.</u> |
| SINGLE BOTTOM. | | | BEAMS. | | |
| Floors, Depth and thickness at mid-line in Holds | | — | Uppermost Continuous Deck, amidships in Wells, Angle, E or C | <u>9 3 1/2</u> | <u>51</u> |
| Height of Brackets at side above base line at toe of frame | | — | " " in way of Bridge, Angle, E or C | <u>8 1/2 3 1/2</u> | <u>48</u> |
| Middle Line Keelson, on Floors, Angles, E or C | | — | Spacing | <u>Every frame</u> | — |
| " " Through Plate or Intercostal Plate | | — | Second Deck, amidships, Angle, E or C | <u>11 3 1/2</u> | <u>62</u> |
| " " Foundation Plate on Floors | | — | Spacing | <u>Every frame</u> | — |
| " " Flat Plate Keel Angles | | — | Third Deck, amidships, Angle, E or C | <u>10 3 1/2</u> | <u>40</u> |
| Side Keelsons, No. each side | | — | Spacing | <u>Every frame</u> | — |
| " " thickness of Intercostal Plate | | — | Fourth Deck, amidships, Angle, E or C | <u>6 3</u> | <u>40</u> |
| " " Angles | | — | Spacing | <u>Every frame</u> | — |
| DOUBLE BOTTOM. | | | Poop Deck, Angle, E or C | <u>6 3</u> | <u>40</u> |
| Solid Floors, thickness and spacing | <u>.39 Every frame</u> | — | Spacing | <u>Every frame</u> | — |
| " " Are Frame and Reversed Frame joggled? | <u>Yes</u> | — | Bridge Deck, Angle, E or C | <u>7 3 1/2 3 1/2</u> | <u>43</u> |
| Bracket Floors, breadth and thickness at middle line | | — | Spacing | <u>Every frame</u> | — |
| " " breadth and thickness at margin plate | | — | Forecastle Deck, Angle, E or C | <u>9 3</u> | <u>44</u> |

PILLARS AND DECKS.

| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--|---|--|
| PILLARS, No. of Rows..... | One ✓ — | |
| " Upper in tween Decks, Size and Spacing... at Hatch Ends:- Built double channel as per plan. | 3 1/8 - 3 1/8 all frames ✓ — | |
| " Lower " " at Hatch Ends:- Built double channel as per plan. | 4 1/8 - 3 3/4 all frames ✓ — | |
| " in Holds | 3 1/4 - 6 all frames ✓ — | |
| " " at Hatch Ends:- Built double channel & rider plates as per plan. | ✓ — | |
| " " No. Hold only 4 1/8 - 5 1/8 all frames ✓ — | ✓ — | |
| Centre Line Bulkhead. 5m deep bank only | B.A. 5 1/2 3 30 ✓ — | |
| Stiffeners and Spacing..... | all frames ✓ — | |
| Plating, thickness of | .30 ✓ — | |
| STRINGERS AND DECKS. | | |
| Uppermost Continuous Deck. | | |
| Stringer Plate, breadth and thickness in Wells | 60 (7E) .94-.50 (A6) 94-46 ✓ — | |
| " " " , in way of Bridge | 56 1/2 .39 ✓ — | |
| " Angle in Wells | 6 6 .90 ✓ — | |
| Thickness of Plating abreast Deck openings in way of Wells | 7E .60-.42 A6 .65-.44 ✓ — | |
| Thickness of Plating abreast Deck openings in way of Bridge | .35 ✓ — | |
| Thickness of Plating within line of openings..... | in wells .47 at Bridge .38 ✓ — | |
| If Sheathed, material and thickness | None at accommodation Rubolium Siles ✓ | |
| Second Deck. | | |
| Stringer Plate, breadth and thickness in Wells... | 59 1/2 .39 ✓ — | |
| Stringer Plate, breadth and thickness in way of Bridge | 59 1/2 .36 ✓ — | |
| Thickness of Plating abreast Deck openings in way of Wells | .34 .30 ✓ — | |
| Thickness of Plating abreast Deck openings in way of Bridge | .32 .35 ✓ — | |
| Thickness of Plating within line of openings..... | Over deep bank in wells .38 at Bridge .32 ✓ — | |
| If Sheathed, material and thickness | None ✓ — | |
| Third Deck. | | |
| Stringer Plate, breadth and thickness..... | Fore Hold only. 36 .34 ✓ — | |
| If Plated, state thickness..... | .30 ✓ — | |
| Fourth Deck. | | |
| Stringer Plate, breadth and thickness..... | Promenade Deck Stringer 30 .34 Ties. 30 .30 ✓ — | |
| If Plated, state thickness | Plated over accommodation. 20 wood deck (exposed) plank 5 x 2 1/4 ✓ — | |
| Poop Deck. | | |
| Stringer Plate, breadth and thickness | 35 .30 ✓ — | |
| Plating, Sheathing, material and thickness | .20 with sheathing P.O. 2 1/2 .30 without " " ✓ — | |
| Bridge Deck. | | |
| Stringer Plate, breadth and thickness..... | 56 1/2 .40 ✓ — | |
| " angle | 5 5 .50 ✓ — | |
| Plating, Sheathing, material and thickness | .38 4 .36 with Rubolium Siles Small portion exposed @ fore end plank 5 x 2 1/2 ✓ — | |
| Forecastle Deck. | | |
| Stringer Plate, breadth and thickness..... | Plating run out ✓ — | |
| Plating, Sheathing, material and thickness | .34 & Sheathing 5 x 3 P.O. ✓ — | |

SHELL PLATING.

| SCANTLINGS. | | | | | | RIVETING. | | | | | | | |
|---|---------------|------------|------------|------------|--|------------------------|----------------------|-------------------------------|-----------------------------|---------------------------|-------------------------------|-----------------------|------------------------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | BUTTS. | | | | | |
| | AMIDSHIPS. | | FORWARD. | AFT. | | State if jogged? | SINGLE OR DOUBLE. | RIVETS. | | NO. OF ROWS OF RIVETS. | RIVETS. | | STRAPPED OR LAPPED. |
| | Breadth. | Thickness. | Thickness. | Thickness. | | | | Diam. | Spacing cr. to cr. | | Diam. | Spacing cr. to cr. | |
| | Inches. | Inches. | Inches. | Inches. | | | | Inches. | Inches. | | Inches. | Inches. | |
| FLAT PLATE KEEL | 50 | ✓ 180 | ✓ 70 | ✓ 70 | ✓ — | Double | 1 | 3 ⁵ / ₇ | Four 3/2 | 1 | 4 | Lapped | |
| „ DBLG. (if any) | None | | | | ✓ | | | | | | | | |
| BOTTOM PLATING, No. of Strakes <i>Three</i> | 72/81 | ✓ .60 | ✓ 60 | ✓ 48 | ✓ 60 | Double | 7/8 | 3 ¹ / ₂ | Four 2L | 7/8 | 3 ¹ / ₂ | Lapped | |
| BILGE PLATING, No. of Strakes | 75/72 | ✓ .60 | ✓ 48 | ✓ 46 | ✓ 60 | " " | " | " | One Four 2L One Three 7L | 7/8 | 3 ¹ / ₂ | D° | |
| SIDE PLATING, No. of Strakes | 82/81 | ✓ .60 | ✓ 46 | ✓ 60 | ✓ — | " " | " | " | Three 7L | 7/8 | 3 ¹ / ₂ | Lapped | |
| UPPER DECK, Sheer-strake in Wells..... | 62 | ✓ .90 | ✓ 46 | ✓ 46 | ✓ — | " " | 1 | 3 ⁵ / ₇ | Five over 84 | 1 | 4 ¹ / ₂ | Lapped | |
| UPPER DECK, Sheer-strake in Bridge ... | 62 | ✓ .60 | ✓ — | ✓ — | ✓ — | " " | 7/8 | 3 ¹ / ₂ | Three 7L | 7/8 | 3 ¹ / ₂ | Lapped | |
| STRAKE BELOW Sheer-strake in Wells..... | 81 | ✓ .67 | ✓ 46 | ✓ 46 | ✓ — | " " | " | " | Three 7L | 7/8 | 3 ¹ / ₂ | D° | |
| STRAKE BELOW Sheer-strake in Bridge ... | 81 | ✓ .60 | ✓ — | ✓ — | ✓ — | " " | " | " | Three 7L | 7/8 | 3 ¹ / ₂ | D° | |
| POOP SIDE PLATING | | | | .38 | — | Single | 3/4 | 3 | Two 7L | 3/4 | 2 ⁵ / ₈ | D° | |
| BRIDGE SIDE PLATING ... | 51 | ✓ .59 | .68 | .68 | ✓ — | Double | 7/8 | 3 ¹ / ₂ | Double 7L | 7/8 | 3 ¹ / ₂ | D° | |
| | 51 | ✓ .64 | .66 | .64 | Increased for sidelights | " " | " | " | " " " " | " | " | D° | |
| FORECASTLE SIDE PLATING | | | | .40 | — | Single | 3/4 | 3 | Two 7L | 3/4 | 2 ⁵ / ₈ | D° | |
| | | | | .34 | — | Single | 5/8 | 22 | Two 7L | 5/8 | 2 ¹ / ₄ | D° | |
| Forecastle Deck side plating | | | | | | FORGINGS and CASTINGS. | | | | | | | |

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) None

„ Deck next below _____

As per Rule Seven. ✓

| | | Plating Thickness. | STIFFENERS. | | | |
|------------------------------------|-------------------------|--------------------|---|--|----------------------|----------|
| | | | VERTICAL. | | HORIZONTAL. | |
| | | | Scantlings. | Spacing. | Scantlings | Spacing. |
| MIDSHIP BULKH'D, Upper tween decks | | .29 | 6x3x32 B.a. 32 6x3x2x30. 34 C.A. | — | — | |
| " | " <i>72089</i> Second " | | | | | |
| " | " Third " | | | | | |
| " | " Holds <i>72089</i> | 32/48 | B.a. 10x33x48 32 5x2x3x30. | — | — | |
| COLLISION | | 35/52 | 1x6x24 Centre 1x2x30. 6x2x32 6x2x30 24x40 Flanged | ✓ B.a. | 24x | |
| AFTER PEAK | | 30/75 | 2x2x8x40 2x2x8x30. 2x2x8x30. 2x2x8x30. | Recess 4x4 Recess 4x4 Recess 4x4 Recess 4x4 | 24 24 24 24 | |

FORGINGS and CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
|--------------------------------------|---------------------|--|------------------------------|--|
| KEEL, Bar | ✓ | Flat Plate Keel | | |
| STEM | ✓ | 1 Rolled steel 10" x 2½" | Industrial Steel & Sheffield | — |
| STERN FRAME { | ✓ | Cast Steel. 10½" x 8" | Harriet Lee, G. m. b. H. | — |
| Propeller Post | ✓ | " " " " | Dussell & Co. | — |
| Rudder | ✓ | " " " " 9" x 8" | " " " " | — |
| RUDDER—A x D | ✓ | 132.5 x 3.35 = 444 | | |
| Speed of Vessel | ✓ | 12 knots. | | |
| RUDDER mainpiece at head | ✓ | Forged iron 10½" | Harriet Lee, G. m. b. H. | 10" |
| | ✓ | steel | Dussell & Co. | |
| | ✓ | " " 8" | Upper part of keel | 7½" |
| " " heel | ✓ | " " " " | Darlington Forge. | |
| " " how constructed | ✓ | Forged & built | | |
| " " double or single plate | ✓ | 1.0 | | |
| " " coupling, vertical or horizontal | ✓ | Vertical & horizontal 2-1 x 2-1 x 3 | | |

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *When heating*
Bolckow Vaughan, Skinningrove, Cargo Fleet, South Durham, Dorman, Colville, Steel Co. of Scotland
Thyssen (August) Hütte, Gewerkschaft, Rheinische Stahlwerke Duisburg.
Has the Steel been tested as required by the Rules? *Yes.*

| EQUIPMENT No. 36636 | | | | | | | | | | | LETTER I. | ANCHORS. | | | |
|------------------------|--------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------------------------------|------------------------|---------------|---|----------------------|
| Number of Certificate. | Anchors. | WEIGHT, EX. STOCK. | | | WEIGHT OF STOCK. | | | TEST, PER CERTIFICATE. | | | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers. | Where and when tested and Superintendent. | |
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwts. | qrs. | lbs. | Cwts. | | | |
| 87337 | 1st Bower ... | 62 | 0 | 0 | 3 | 0 | 0 | 49 | 10 | 0 | 0 | 60 2/3 | Halls' Patent | M. Hingley & Son | I. P. H. N. 14-2-25. |
| 86917 | 2nd " ... | 60 | 2 | 15 | D° | | | 48 | 15 | 0 | 0 | 60 2/3 | D° | D° | " " 6-6-24 " " |
| 87338 | 3rd " ... | 59 | 3 | 12 | D° | | | 48 | 5 | 3 | 21 | 60 2/3 | D° | D° | " " 14-2-25 " " |
| | Collective weight. | 182 | 1 | 27 | ✓ | | | | | | | ✓ 182 ✓ | | | |
| 87234 | Stream | 17 | 2 | 26 | 4 | 2 | 3 | 18 | 16 | 1 | 0 | 17 1/2 ✓ | Rodgers' | D° | " " 25-11-24 " " |

| CHAIN CABLES. | | | | | | | | | | HAWSERS AND WARPS. | | | | | | | | | |
|---------------------------------|---------------------------|-------|-----------------------|------------|------------------------|-----------|------|--------|-------------------------------|--------------------|--------------|-------------------------------------|--|-----------------|---------------------------|-------|------------------------------|-------------------------------|-------|
| Number of Certificate. | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE. | | | | Length and size per Table 53. | | 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 53. | |
| | Length. | Diam. | Stations. | Break-ing. | Supplied. | Per Rule. | | | Length. | Diam. | | | | | Length. | Cir. | Tons. | Length. | Cir. |
| 76590 | Fathoms. | Ins. | Tons. | Tons. | Cwts. | qrs. | lbs. | Cwts. | Fathoms. | Ins. | Shed | M. Hingley & Son I.P.H.N. 20-11-24. | | TOWLINE... | 120 | 5 | 73 | 120 | 5 |
| 76595 | 135 | 2 1/2 | 9 1/2 | 12 1/2 | 343 | 2 | 25 | 34 1/2 | 270 | 2 1/2 | Link | Son I.P. | „ „ 12-24 „ „ | HAWSERS & WARPS | 4-90 | 2 1/2 | 15 1/2 | 2-90 | 2 1/2 |
| | 270 | 2 1/2 | | | 687 | 0 | 16 | 68 2/4 | 270 | 2 1/2 | | | | | 6-100 | 7 | Manilla. | | |
| Iron Stream Chain or Steel Wire | 90 | 4 1/2 | | | | | | | 90 | 4 1/2 | | | Wire Rope Makers of Hood Haggis & Son I.P. | | | | | | |

Steering Gear, Steam Brown Brothers & Co. Ld. Steering Gear, Hand Brown Brothers & Co. Ld.

Boats 6 Lifeboats 26'0" x 7'2" Dinghies 20'0" Steering Chains, Size and Test None Windlass Clarke Chapman & Co. Ld.

Ceiling in Holds, thickness and material Under hatches & over bilges 2 1/2" Pine Cargo Battens, thickness, material and spacing Pine 6"x2" in holds & tween deck

Cargo Hatchways.-(Upper Deck) Usual construction:— planks & angles Thickness of Hatches Pine 3". No 3 on Promenade Deck = 2 1/2" oak.

Size of No. 1 Hatchway (Forward) 15'2"x14'0" No. 2 26'0"x16'0" No. 3 8'8"x14'0" No. 4 30'4"x18'0" No. 5 19'6"x14'0" No. 6

Number of Shifting Beams and/or Fore and Afters No 1 = Two beams, No 2 = Four beams, No 3 = Two beams, No 4 = Five beams, No 5 = Three beams! No fore & afters except No 3 = one of steel.

Builder's Signature C. Blount For **SWAN, HUNTER & WIGHAM RICHARDSON, LTD**

GENERAL DECLARATION This vessel has been constructed in accordance with the approved plans, the Secretary's Letters & in other respects in conformity with the Revised Rules & regulations (with the Owner's consent). The material & workmanship are good.

The weather decks, funnel & W. J. bulkheads were holed & found satisfactory.

The coaling port doors were also holed & found efficient.

The double bottom tanks, both the peak tanks & the deep tanks were tested as required by the Rules & found in good order.

The hand pumps to the fore peak tanks top, & the hand & power gear of the W. J. doors were all tested & found satisfactory.

The freeboard assigned in the Secretary's Letter dated 20th March 1925 was verified & cut in on the vessel's side. Newcastle Report No. 78998.

The copies of the approved plans are enclosed.

The amount of Entry Fee £ 9 : 0 : 0 Fees applied for, 23 MAY 1925

Special Survey Fee.... £ 349 : 12 : 6 Received by me, 5/25

Freeboard 11 0 0

Travelling Expenses, if any £ - : - : -

State whether the Vessel has been built under Special Survey yes Signature Thomas S. Shute

Certificate to be sent to Newcastle on Tyne Date of issue 29/5/25 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 29 MAY 1925

Character assigned 1000A1

Lloyd's arb. P.

+ L.M.B. 5-25

C.L.

W32-0908(2/2)

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

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POOP SIDE

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STEEL.

| | | | | | | | | |
|---|-----------|---------|---------|--------|-----|-----|-----------------|---------|
| Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test. | 1st Bower | 2 9 lbs | 34-2-22 | 38-3-1 | 720 | 149 | D.D. Williamson | 9-1-25 |
| | 2nd " | 33-2-16 | 37-2-14 | - | 396 | | M. Robertson | 13-5-24 |
| | 3rd " | 33-1-14 | 36-3-19 | - | 165 | | D.D. Williamson | 19-1-25 |
| | | | | | | | | |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.0 ft., R.Q.D. ft., Bridge 165.16 ft., Forecastle 51.88 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated
Promenade Deck = 165.16

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

2nd deck (S.H.). 3rd deck (S.H.) No. hold only.

Official No. 147310 ; Signal Letters

Is bottom of Vessel coated with cement *yes* if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

| Where Fitted. | Length. | | Water Capacity. | Where Fitted. | Length. | | Water Capacity. |
|---|---|--------|-----------------|--|---------|-------|-----------------|
| | Feet. | Tons. | | | Feet. | Tons. | |
| Double bottom, aft, | 112-8" | 270 | | Fore peak tank, | | 68 | |
| Double bottom, under Engines and Boilers, | 71-6" | 289 | | After peak tank, | | 32 | |
| Double bottom, if under Engines only, | | | | Deep tank, aft, | 28-2" | 669 | |
| Double bottom, if under Boilers only, | | | | Deep tank, forward, | | | |
| Double bottom, forward, | 156-0" | 442-5 | | Other tanks, if fitted, | | | |
| | Total capacity of double bottom | 1001-5 | | (If necessary, furnish further information by sketch.) | | | |
| | * The wells are not to be included in the lengths of the tanks. | | | | | | |
| | | 530-3 | 1001 | | | | |

Order for Special Survey No. 5107

Date

18 19/24

Dates of Surveys held while building

1924
Sep. 2. 10. 11. 12. 15. 17. 19. 23. 25. 26. 30. Oct. 2. 3. 7. 8. 13. 16. 20. 23. 25. 30. Nov. 4. 6. 7. 11. 13. 17. 19. 21. 24. 26. 28. Dec. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.
1925
Jan. 5. 12. 14. 16. 19. 20. 22. 26. 28. 30. Feb. 4. 5. 6. 10. 11. 13. 18. 23. 24. 27. Mar. 12. 13. 16. 30. 31.
Apr. 1. 9. 15. 17. 22. 28. 29. 30. May 6. 11. 12. 13.

Total No. of Visits

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NOTE 2.—

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