Rpt. 1.

DISCLOSED SECTION No. 797

# STEEL STEAMER ~~or MOTORSHIP~~.

Received at London Office 17 DEC 1936

State if Report has been sent on the Freeboard of the Vessel yes.

State if Report is sent on the Machinery of the Vessel yes.

DISCLOSED SECTION No. 797

Date of completion of report 16. 12. 36. Port of Sunderland No. 319 83

Survey held at Sunderland Date First Survey 29 May 1936 Last Survey 18th Dec 1936.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) S.S "GENERTON" Single Screw.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Complete Superstructure with Tonnage Opening State Type of Erections C.S.S.

**TONNAGE under Tonnage Deck** 4,273.58.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

**Total**

**Gross Tonnage** 4,796.77.

**Register Tonnage** 2,800.18.

**REGISTERED DIMENSIONS.** FEET.

426.5.

54.00

23.70.

CLASS +100A1 State if with freeboard as condition of Class yes.

| | FEET. |
|---|---|
| **Length** from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) | L 410.0. |
| **Breadth** (greatest moulded) | B 53.66 |
| **Depth,** at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) | D 34.58. |
| **1st Longitudinal Number** (L × D) | = 14,178. |
| **2nd Numeral** L × (B + D) | = 36,178. |
| **Framing Depth "d,"** at middle of length. See Sec. 3 (1d) | 23.04. |
| **Proportions**—Depth to Length (Corrected) | 22.10. |
| —Uppermost continuous deck to top of keel | 11.87 |
| Do. Long Bridge to top of keel | |
| **Draught Moulded** | 23'-11 3/4. |

Built at Sunderland

Launched Oct. 29th 1936. Yard No. 448.

Builders Messrs Short Bros. Ltd.

Owners The Carlton Steamship Co. Ltd.

Managers R. Chapman & Son (Where necessary to be entered in Reg. Book.)

Residence Newcastle-on-Tyne

Port of Registry Newcastle

If surveyed while building, afloat, or in dry dock yes.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

| | Inches in Ship. | Any Departure from Approved Plans to be Noted. |
|---|---|---|
| **S, Spacing amidships** | 30 | ✓ |
| " from 3/8 length to Collision bulkhead | 27 | ✓ |
| " in peaks | 24. | ✓ |
| **FRAMING.** | | |
| **ne Amidships,** ~~Angle~~, [ ~~or [~~ | 11×3½×3½×.48. | ✓ |
| " Extends up to | 2nd " deck. | |
| **rsed Frame Amidships,** Angle | ✓ | |
| " " Extends up to | ✓ | |
| **th of Framing Girder** | 11" | |
| **mes in Uppermost Continuous 'tween Decks,** ~~Angle, [ or~~ [ | N.B.S. 7 3½ .32. B.a. alternate | ✓ |
| " **Second 'tween Decks,** Angle, [ or [ | ✓ | |
| " **Third** " " " " | ✓ | |
| **ming in Peaks,** ~~Angle or~~ [ | F.P.T. 7 3½ .45 N.B.S. A.P.T. 7 3½ .41. | ✓ |
| **meter** and Spacing of Rivets through Frame and Shell Plating amidships | 7/8 - 5 5/8". | |
| **ate if Frame Joggled** | yes. | |
| **TING ARRANGEMENTS** (Sec. 7), state system and particulars | In Peak Beams 10×6×.60 every 18×3½×½×.50 Ch. rivetted 6×3½×.40 Ch rivetted. Shell .58. Frs 10×3½×.40 B.a. Deep Tank Peak. Shell .55 | |
| **ENGTHENING OF BOTTOM FORWARD.** State Particulars | 5 Girders each side 3'-6" & 3'-0" abaft. Trans bottoms double. Shell .64 in Rule for Coal & Bulkhd. | |
| **GLE BOTTOM.** | | |
| **oors,** Depth and thickness at mid-line in Holds | ✓ | |
| Height of Brackets at side above base line at toe of frame | ✓ | |
| **iddle Line Keelson,** on Floors, Angles, [ or [ | ✓ | |
| " " " Through Plate or Intercostal Plate | ✓ | |
| " " " Foundation Plate on Floors | ✓ | |
| " " " Flat Plate Keel Angles | ✓ | |
| **de Keelsons,** No. each side | ✓ | |
| " " thickness of Intercostal Plate | ✓ | |
| " " Angles | ✓ | |
| **DOUBLE BOTTOM.** | | |
| **Solid Floors,** thickness and spacing | .41. Every 4th frame | |
| " " Are Frame and Reversed Frame joggled? | yes. | |
| **Bracket Floors,** breadth and thickness at middle line | 33 × .41 | |
| " " breadth and thickness at margin plate | 33 × .41. | |

| | Inches in Ship. | Any Departure from Approved Plans to be Noted. |
|---|---|---|
| **Bracket Floors,** Frame B.a. N.B.S. | 6 3½ .37 | ✓ |
| " " Reversed Frame B.a. | 5½ 3 .37. | ✓ |
| " " Vertical Struts [ | 8×3½×3½×.42 | ✓ |
| **Centre Girder,** depth and thickness amidships | 48"×.50. | |
| " " top Angles | 6 6 .47. | ✓ |
| " " bottom Angles | 6 6 .53. | ✓ |
| **Side Girders,** No. each side and thickness | One .36 | ✓ |
| **Margin Plate** depth (excl. of flange) and thickness | 41"×.52. | ✓ |
| " " Vertical Angle to Tank side Bracket abaft ¼ len. from stem | 3½ 3½ .43. | ✓ |
| " " Vertical Angle to Tank side Bracket forward ¼ len. from stem | 6 6 .54. | ✓ |
| " " Gussets, spacing and scantling abaft ¼ len. from stem | 6 3½ .54 every. | ✓ |
| " " Gussets, spacing and scantling forward ¼ len. from stem | 6 6 .64 every. | ✓ |
| **Tank Side Brackets,** height above base line at toe of Frame and thickness | 84"×.42. | |
| **INNER BOTTOM PLATING.** | | |
| Breadth and thickness of Middle Line Strake | 78"×.48. | ✓ |
| Thickness of remainder in Holds | | |
| 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? | yes. | Owners extract on B.R. Tank thicknesses. |
| **BEAMS.** | | |
| **Uppermost Continuous Deck,** amidships ~~in Wells, Angle, [ or~~ [ N.B.S. | 7 3 .36 | |
| " " in way of Bridge, Angle, [ or [ | ✓ | |
| Spacing | Every. | |
| **Second Deck,** amidships, ~~Angle, [ or~~ [ N.B.S. | 7 3 .46 | |
| Spacing | Every | |
| **Third Deck,** amidships, Angle, [ or [ | ✓ | |
| Spacing | ✓ | |
| **Fourth Deck,** amidships, Angle, [ or [ | ✓ | |
| Spacing | ✓ | |
| **Poop Deck,** Angle, [ or [ | ✓ | |
| Spacing | ✓ | |
| **Bridge Deck,** Angle, [ or [ | ✓ | |
| Spacing | ✓ | |
| **Forecastle Deck,** ~~Angle, [ or~~ [ N.B.S. | 8 3 .40 | |
| Spacing | Every. | |

2m.11.34. T.



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# PILLARS AND DECKS.

| | Inches in Ship. | Any Departure from Approved Plans to be Noted. |
|---|---|---|
| **PILLARS**, No. of Rows ..... 2+ | 3 | See plans |
| " in 'tween Decks, Size and Spacing ..... | 8 8 ·66 ·54 | ✓ |
| " " " " " | Wide Spaced | ✓ |
| " in Holds " " | 8 8 ·88 ·54 Double | ✓ |
| " " " " " | Wide Spaced. | ✓ |
| **Centre Line Bulkhead.** B.O.N.BS Stiffeners and Spacing ..... to ..... | 10 3½ ·64 / 7 3 ·33 alternate | ✓ |
| Plating, thickness of ..... Tween Dks | 4 3 ·36. ·30 ·26 | ✓ |
| **STRINGERS AND DECKS.** **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness ~~in Wells~~ | 71" × ·66 | +·06 Owner's extra |
| " " " " in way of Bridge | | ✓ |
| " Angle ~~in Wells~~ ..... | 6 6 ·60 | ✓ |
| Thickness of Plating abreast Deck openings ~~in way of Wells~~ ..... | ·60 | +·12 Owner's extra |
| Thickness of Plating abreast Deck openings in way of Bridge ..... | ✓ | |
| Thickness of Plating within line of openings... | ·50 | +·12 Owner's extra |
| If Sheathed, material and thickness ..... | ✓ | |
| **Second Deck.** Stringer Plate, breadth and thickness ~~in Wells~~... | 75 × ·40 | ✓ |

| | Inches in Ship. | Any Departure from Approved Plans to be Noted. |
|---|---|---|
| Stringer Plate, breadth and thickness in way of Bridge ..... | ✓ | |
| Thickness of Plating abreast Deck openings ~~in way of Wells~~ ..... | ·36 | ✓ |
| Thickness of Plating abreast Deck openings in way of Bridge ..... | ✓ | |
| Thickness of Plating within line of openings... | ·34 to ·30 | See b |
| If Sheathed, material and thickness ..... | ✓ | |
| **Third Deck.** Stringer Plate, breadth and thickness..... | ✓ | |
| If Plated, state thickness..... | ✓ | |
| **Fourth Deck.** Stringer Plate, breadth and thickness..... | ✓ | |
| If Plated, state thickness ..... | ✓ | |
| **Poop Deck.** Stringer Plate, breadth and thickness ..... | ✓ | |
| Plating, Sheathing, material and thickness ... | ✓ | |
| **Bridge Deck.** Stringer Plate, breadth and thickness..... | ✓ | |
| Plating, Sheathing, material and thickness .. | ✓ | |
| **Forecastle Deck.** Stringer Plate, breadth and thickness..... | ·34 | |
| Plating, Sheathing, material and thickness .. | ·34 2½" W.P. Part Sheathed. | |

# SHELL PLATING.

## SCANTLINGS.

| STRAKES. | As in Vessel. Amidships. Breadth. (Inches.) | Amidships. Thickness. (Inches.) | Forward. Thickness. (Inches.) | Aft. Thickness. (Inches.) | Any Departure from Approved Plans to be Noted. |
|---|---|---|---|---|---|
| Flat Plate Keel ..... | 60 | ·76 | ·66 | ·66 | ✓ |
| " Dblg. (if any) | ✓ | ✓ | | | |
| Bottom Plating, No. of Strakes ..... | 3 | ·58 | ·48 | ·48. | ✓ |
| Bilge Plating, No. of Strakes ..... | 1 | ·58 | ·48 | ·48. | ✓ |
| Side Plating, No. of Strakes ..... | 3 | ·58 | ·58 | ·46 | ✓ |
| Upper Deck, Sheer-strake ~~in Wells~~..... | 79 | ·69 | ·46 | ·46 | ✓ |
| Upper Deck, Sheer-strake in Bridge ... | ✓ | ✓ | | | |
| Strake below Sheer-strake ~~in Wells~~..... | 79 | ·58 | ·46 | ·46. | ✓ |
| Strake below Sheer-strake in Bridge ... | ✓ | | | | |
| Poop Side Plating ..... | ✓ | | | | |
| Bridge Side Plating ... | ✓ | | | | |
| Forec'tle Side Plating | | | ·42 ✓ | | |

## RIVETING.

| STRAKES. | Edges. State if joggled? no — Single or Double. | Edges. Rivets. Diam. (Inches.) | Edges. Rivets. Spacing cr. to cr. (Inches.) | Butts. No. of Rows of Rivets. | Butts. Rivets. Diam. (Inches.) | Butts. Rivets. Spacing cr. to cr. (Inches.) | Strap Lap |
|---|---|---|---|---|---|---|---|
| Flat Plate Keel ..... | 2R. | 1" | 3¾. | 4R | 1 | 4 | Strap |
| " Dblg. (if any) | ✓ | ✓ | ✓ | | | | |
| Bottom Plating, No. of Strakes ..... | 2R | 7/8 | 3⅜ | 3R | 7/8 | 3⅛ | Strap |
| Bilge Plating, No. of Strakes ..... | 2R | 7/8 | 3⅜ | 3R | 7/8 | 3⅛ | Strap |
| Side Plating, No. of Strakes ..... | 2R | 7/8 | 3⅜ | 3R | 7/8 | 3⅛ | Strap |
| Upper Deck, Sheer-strake ~~in Wells~~..... | 2R | 7/8 | 3⅜ | 4R | 7/8 | 3½ | Strap |
| Upper Deck, Sheer-strake in Bridge ... | | | | | | | |
| Strake below Sheer-strake ~~in Wells~~..... | 2R | 7/8 | 3⅜ | 3R | 7/8 | 3⅛ | Strap |
| Strake below Sheer-strake in Bridge ... | | | | | | | |
| Poop Side Plating ..... | | | | | | | |
| Bridge Side Plating ... | | | | | | | |
| Forec'tle Side Plating | 1R | ¾ | 3. | 1R | ¾ | 2⅝ | Strap |

## WATERTIGHT BULKHEADS.

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

| | |
|---|---|
| Extending to Upper Deck (Sec. 3 *c*) | 1 ✓ |
| " Deck next below | 6 ✓ |
| As per Rule | 7. ✓ |

| | Plating Thickness. | Stiffeners. Vertical. Scantlings. | Stiffeners. Vertical. Spacing. | Stiffeners. Horizontal. Scantlings. | Stiffeners. Horizontal. Spacing. |
|---|---|---|---|---|---|
| **MIDSHIP BULKH'D,** Upper tween decks | ✓ | | | | |
| " " Second " | ✓ | | | | |
| " " Third " | ✓ | | | | |
| " " Holds ..... | ·44-·30 | 11 × 3½ × ·42 | 30 | ✓ | ✓ |
| **COLLISION** " (in Hold) ..... | ✓ ·46- ✓ ·38-·30 | 11 × 3½ × ·50 B.O.N.BS / 12 × 3½ × 5 27.BS to 9 × 3½ × ·40" | 33 / 24." | Bulbs stepped. | |
| **AFTER PEAK** " " ..... | ·75-·31. | 12 × 3½ × ·45 / 11 × 3½ × ·44 to 6 × 3½ × ·30 | 24". | Bulbs stepped. | |

## FORGINGS and CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any dep. from app. plans to b |
|---|---|---|---|---|
| **KEEL, Bar** ..... | ✓ | | | |
| **STEM** ..... | ·58 Plate. | ✓ | | |
| **STERN FRAME** Propeller Post ..... | Cast | 16 × 14¾ × 2" Brick | Strommens | |
| **STERN FRAME** Rudder " ..... | Steel | 32¾ × 8 Tapered. | Verkosted. | |
| **Speed of Vessel** ..... | 10-12 Knots | | | |
| **RUDDER—Type** ..... | Ordinary | | | |
| " A × D ..... | 503·91. | | | |
| " Diam. of head ..... | 11" | | | |
| " Mainpiece at top pintle | Cast | 12 × 7¼ | Strommens | |
| " " heel ... | Steel | 7½ × 6½. | Verkosted | |
| " how constructed ..... | Arrow at pintles | | | |
| " double or single plate | double ·42. | | | |
| " coupling, vertical or horizontal ..... | Vertical | | | |

**STEEL.** Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open-hearth

Consett Iron Co., Dorman Long, South Durham, Skinningrove, Cargo Fleet

Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No 36,654 LETTER 'Z'

## ANCHORS.

| Number of Certificate. | Anchors. | Weight, Ex. Stock. Cwts. | qrs. | lbs. | Weight of Stock. Cwts. | qrs. | lbs. | Test, per Certificate. Tons. | cwts. | qrs. | lbs. | Weight Required by Table 53. Cwts. | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 1st Bower ... | 64 | 0 | 21 | | | | 50 | 12 | 2 | 0 | | Byer's Impd Stkless | | L.R.H.S. 17.9.36 J.H.B. |
| 435 | 2nd " ... | 63 | 3 | 0 | | | | 50 | 7 | 2 | 0 | | " " " | | L.R.H.S. 16.9.36 J.H.B. |
| 446 | 3rd " ... | 54 | 3 | 21 | | | | 45 | 7 | 2 | 0 | | " " " | | L.R.H.S. 19.9.36 J.H.B. |
| | *Collective weight.* | 182 | 3 | 14 | | | | | | | | 182-0-0. | | | |
| 539 | Stream ..... | 17 | 2 | 0 | 4 | 2 | 16 | 18 | 12 | 2 | 0 | 17-2-0. | Ordinary | | L.R.H.C.H. 11.9.36 W.Y.N. |

## CHAIN CABLES.

| Number of Certificate. | Length and size supplied. Length. Fathoms. | Diam. Ins. | Test per Certificate. Statutory. Tons. | Breaking. Tons. | Weight of Chain Cable. Supplied. Cwts. qrs. lbs. | Per Rule. Cwts. | Length and Size per Table 53. Length. Fathoms. | Diam. Ins. | Description. | Makers of Cables. | Where and when tested, and Superintendent. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 345 | 271 | 2¼ | 91.2.2. | 127.10 | 683-3-0 | 682-1-0 | 270 | 2¼ | Stud-link | | L.R.H.S. 26.8.36 J.H.B. |
| | | Cir. | | | | | | Cir. | | | |
| Stream Steel Wire | 90 | 4¾ | 47.0 | | | | 90 | 4¾ | | | |

## HAWSERS AND WARPS.

| Material. | Length and Size supplied. Length. Fathoms. | Cir. Ins. | Breaking Test of Steel Wire. Tons. | Length and Size per Table 53. Length. Fathoms. | Cir. Ins. |
|---|---|---|---|---|---|
| TOWLINE... | 120 | 5" | 52.8 | 120 | 5 |
| HAWSERS & WARPS | 2@90 | 8 | | 2@90 | 8 |
| " | 2@90 | 2¾ | 15.2 | 2@90 | 2½ |
| " | | | | | |

**Steering Gear, Steam** Mess^rs Donkin & Co **Steering Gear, Hand** Mess^rs Donkins Auxiliary Quadrant & gear.

**Boats** Two 24 ft. Two 16 ft. **Steering Chains,** Size and Test Telemotor **Windlass** Mess^rs Clark & Chapman.

**Ceiling in Holds,** thickness and material 2½" over Lumbers under Hatches **Cargo Battens,** thickness, material and spacing 6"x2" W.P. 9" space.

**Cargo Hatchways.**—(Upper Deck) Steel plates & angles 'Keith' Patent. **Thickness of Hatches** 2⅞".

Size of **No. 1 Hatchway** (Forward) 18'-0"x20'-0". **No. 2** 28'-0"x20'-0". **No. 3** 30'-0"x20'-0" **No. 4** 22'-6"x20'-0" **No. 5** 30'-0"x20'-0" **No. 6** 30'-0"x20'-0".

Number of **Shifting Beams** ~~and/or Fore and Afters~~ No. 1-3. No. 2-5. No. 3-5. No. 4-3. No. 5-5. No. 6-5.

FOR SHORT BROTHERS, LIMITED.

*Builder's Signature* Ernest W. Short DIRECTOR.

**GENERAL DECLARATION.** *It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel* No *(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo* No *The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.*

The vessel has been constructed in accordance with the approved plans, the Secretary's letters and the Society's Rules.

The materials and workmanship are good.

The freeboard marks have been verified and cut in on the vessel's sides.

The double bottom tanks, fore deep tank and fore and after peak tanks have been tested in accordance with the Rules and found in order.

The tunnel, decks, bulkheads, hand pump and watertight door have been tested and found in order.

The following forging certificates are enclosed:- Rudder, Rudder head, sternframe, hand gear quadrant, quadrant and tiller.

Vessel placed in dry dock, bottom, rudder and sternframe cleaned, examined and coated.

Report checked from Office Copy plans.

The amount of Entry Fee ..... £ 8 : 0 : 0 Fees applied for, 15 DEC 1936

Special Survey Fee.... £ 314 : 17 : 0 Received by me, 17.12.1936

Freeboard Fee £15 : 0 : 0 *Travelling Expenses, if any* £ : : 18/12

*(Special notations, where part of class, to be stated.)*

I am of opinion the Vessel should be Classed + 100 A1 with freeboard.

State whether the Vessel has been built under Special Survey Yes

*Signature* Colin Bartlett *Surveyor to Lloyd's Register of Shipping.*

Certificate ~~to be~~ sent to SUNDERLAND Date of issue 18/12/36.

*Committee's Minute* FRI. 18 DEC 1936 THURS. 31 DEC 1936

*Character assigned* + 100 A1 with fbd Lloyds A1 Ch. + LMC 12.36 Ch

Write X fbd



0195 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 l*
*the Plans should be embodied.*)

**SPECIAL NOTATIONS**:—*Either as part of the vessel's class or for record in the Register Book*

| Particulars of **Drop Test** of Cast Steel Anchors, viz.:—Weight, Surveyor's Initials, Number of Certificate, Date of Test. | |
|---|---|
| 1st Bower | Including pin 42-1-0. W.H. 5867. 21.8.36 |
| 2nd „ | 40-3-14. W.H. 5844. 7.8.36 |
| 3rd „ | 35-2-21. W.H. 5869. 21.8.36. |

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✗ ft., Forecastle
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 DK:(STL:) & SHELTER DK:(STL:).

Official No. ; Signal Letters Is bottom of vessel coated with cement yes. if not
particulars of composition

**PARTICULARS OF WATER BALLAST.**—

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|---|---|
| Double bottom, aft, | 115 | 394 |
| Double bottom, under Engines and Boilers, See letter | 42-6" | 223. |
| Double bottom, if under Engines only, | 164 | 774 |
| Double bottom, if under Boilers only, | 321-6 | |
| Double bottom, forward, | | |
| Total capacity of double bottom | | 1391 |

| Where Fitted. | *Length. Feet. | Water Ca Ton |
|---|---|---|
| Fore peak tank, | | 78 |
| After peak tank, | | 270 |
| Deep tank, aft, See letter | 26 ft | |
| Deep tank, forward, | 46 | 310 |
| Other tanks, if fitted, | | |
| (If necessary, furnish further information by sketch.) | | |

* The wells are not to be included in the lengths of the tanks (*See Circular No. 1284*).

Order for Special Survey No. 5816

Date 6. 6. 36

Dates of Surveys held while building

1936. May 29. June 8.11.12.16.17 July 2.8.9.14.16.20.22.24.29.31. Aug.
10.11.12.13.14.20.31. Sep. 1.3.7.8.10.11.15.17.18.21.22.24.25.29. Oct. 1.2.6.8.9.12
15.16.20.22.23.26.27.28.29. Nov. 3.4.10.13.18.19.25. Dec. 1.8.9.11.16.17.18

Total No. of Visits 7