

RETAIN

STEEL STEAMER or MOTORSHIP.

Received at London Office

20 JAN 1937

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

Yes WRECK

State if Report is sent on the Machinery of the Vessel

Yes SECTION

Date of completion of report

8/1/37

Port of

Liverpool

No. 817

No. 108319

Survey held at

Birkenhead

Date First Survey

18/12/35

Last Survey

7/1/37

1937

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Tank "BRISBANE STAR"

Machinery amidships.

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete superstructure with tonnage opening aft, Pop. bridge and false fitted on superstructure.

State Type of Erections

Combined false and bridge, and pop.

TONNAGE under Tonnage Deck

9040.19

CLASS

100A1 - with freeboard

State if with freeboard

Yes

Built at

Birkenhead

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

876.81

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 522.42

Launched

16/9/36

Yard No. 1016

Total

9917.00

Gross Tonnage

11075.84

Register Tonnage

6788.72

Breadth (greatest moulded)

B 70.00

Builders

Bammell, Laird & Co. Ltd.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 35.00

Owners

The Union Cold Storage Co.

1st Longitudinal Number (L x D)

= 22,463

Managers

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

2nd Numeral L x (B + D)

= 59,033

Residence

REGISTERED DIMENSIONS. FEET.

Length

530.0

Breadth

70.4

Depth

32.25

Framing Depth "d," at middle of length. See Sec. 3 (1d)

14.8

Proportions—Depth to Length—Uppermost continuous deck to top of keel

10.17

Port of Registry

London

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. |  | INCHES IN SHIP.            | Any Departure from Approved Plans to be Noted. |
|--|--|--|--|----------------------------|--|
| FRAMES, Spacing amidships  | 34   | ✓  | Bracket Floors, Frame  | ✓                          | ✓  |
| " " from $\frac{3}{4}$ length to Collision bulkhead                      | 27   | ✓  | " " Reversed Frame   | ✓                          | ✓  |
| " " in peaks   | 24   | ✓  | " " Vertical Struts  | ✓                          | ✓  |
| SIDE FRAMING. 2 Motor Rm.  | 9x3 1/2 x 3 1/2  | ✓  | Centre Girder, depth and thickness amidships   | 48 1/2 x .60               | ✓  |
| Frame Amidships, Angle, [ or ]   | 9x3 1/2 x 3 1/2  | ✓  | " " top Angles   | double 3 1/2 x 3 1/2 x .56 | ✓  |
| " " Extends up to  | upper deck and bridge deck alt.  | ✓  | " " bottom Angles  | double 5x5 x .56           | ✓  |
| Reversed Frame Amidships, Angle, [ or ]                                  | 4x3 1/2 x .58  | ✓  | Side Girders, No. each side and thickness  | 2 @ 4 1/2 x .44            | ✓  |
| " " Extends up to  | on every frame to 5 1/2 ft. on alt. frames to 4 1/2 ft.  | ✓  | Margin Plate depth (excl. of flange) and thickness   | 4 1/2 x .62                | ✓  |
| Depth of Framing Girder  | 9 1/2  | ✓  | " " Vertical Angle to Tank side  | 5x5 x .48                  | ✓  |
| Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]               | see above  | ✓  | " " Bracket abaft 1/2 len. from stem   | 5x5 x .48                  | ✓  |
| " " Second 'tween Decks, Angle, [ or ]                                   | see above  | ✓  | " " Vertical Angle to Tank side  | 5x5 x .48                  | ✓  |
| " " Third " " "  | see above  | ✓  | " " Bracket forward 1/2 len. from stem   | 6x6 x .48                  | ✓  |
| Framing in Peaks, Angle or [   | 9x3 1/2 x .42  | ✓  | " " Gussets, spacing and canting abaft 1/2 len. from stem  | 2x4 x .48                  | ✓  |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | 7/8 5/16   | ✓  | " " Gussets, spacing and canting forward 1/2 len. from stem  | 3x4 x .48                  | ✓  |
| State if Frame Joggled   | yes  | ✓  | Tank Side Brackets, height above base line at toe of Frame and thickness   | 48 1/2 x .48               | ✓  |
| PANTING ARRANGEMENTS (Sec. 7), state system and particulars              | web frames and panting stringers as approved.  | ✓  | INNER BOTTOM PLATING.  |                            |  |
| STRENGTHENING OF BOTTOM FOR WARD. State Particulars                      | these stringers not keel increased 10% in place of midship thickness from 5/8 forward to Rule position of collision bulkhead. Involving intervals to height fitted additionally. | ✓  | Breadth and thickness of Middle Line Strake  | 58 x .62                   | ✓  |
| SINGLE BOTTOM.   |  |  | Thickness of remainder in Holds  | .52                        | ✓  |
| Floors, Depth and thickness at mid-line in Holds                         | ✓  | ✓  | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. space and framing in Bulkhead and Boiler Room? | yes                        | ✓  |
| Height of Brackets at side above base line at toe of frame               | ✓  | ✓  | BEAMS.   |                            |  |
| Middle Line Keelson, on Floors, Angles, [ or ]                           | ✓  | ✓  | Uppermost Continuous Deck amidships  | 8x5 1/2 x 3 1/2            | ✓  |
| " " Through Plate or Intercostal Plate                                   | ✓  | ✓  | " " in Wells, Angle, [ or ]  | 10x5 1/2 x 3 1/2           | ✓  |
| " " Foundation Plate on Floors   | ✓  | ✓  | " " where carrying chilled meat at 22 1/2 °F in way of Bridge  | 10x5 1/2 x 3 1/2           | ✓  |
| " " Flat Plate Keel Angles   | ✓  | ✓  | " " Spacing  | 34                         | ✓  |
| Side Keelsons, No. each side   | ✓  | ✓  | 2nd Deck (carrying cargo) at 22 1/2 °F   | 10x5 1/2 x 3 1/2           | ✓  |
| " " thickness of Intercostal Plate                                       | ✓  | ✓  | " " at carrying cargo / keel at 22 1/2 °F  | 10x5 1/2 x 3 1/2           | ✓  |
| " " Angles   | ✓  | ✓  | " " Spacing  | 34                         | ✓  |
| DOUBLE BOTTOM.   |  |  | 3rd Deck amidships, Angle, [ or ]  | 10x5 1/2 x 3 1/2           | ✓  |
| Solid Floors, thickness and spacing                                      | 48 every frame   | ✓  | " " at 22 1/2 °F   | 10x5 1/2 x 3 1/2           | ✓  |
| " " Are Frame and Reversed Frame joggled?                                | yes  | ✓  | " " Spacing  | 34                         | ✓  |
| Bracket Floors, breadth and thickness at middle line                     | ✓  | ✓  | 4th Deck amidships, Angle, [ or ]  | 10x5 1/2 x 3 1/2           | ✓  |
| " " breadth and thickness at margin plate                                | ✓  | ✓  | " " Spacing  | 34                         | ✓  |
|  |  |  | Poop Deck, Angle, [ or ]   | 9x5 1/2 x 3 1/2            | ✓  |
|  |  |  | " " Spacing  | see above                  | ✓  |
|  |  |  | Bridge Deck, Angle, [ or ]   | 8x5 1/2 x 3 1/2            | ✓  |
|  |  |  | " " Spacing  | 34                         | ✓  |
|  |  |  | Forecastle Deck, Angle, [ or ]   | 10x5 1/2 x 3 1/2           | ✓  |
|  |  |  | " " Spacing  | 48                         | ✓  |



| EQUIPMENT No 61999     |               |                             |      |      |                  |      |      |                        |       |      |        | LETTER 67 (Type Cable) ANCHORS.               |                        |                             |   |
|------------------------|---------------|-----------------------------|------|------|------------------|------|------|------------------------|-------|------|--------|---|------------------------|-----------------------------|---|
| Number of Certificate. | Anchors.      | WEIGHT, <del>in stock</del> |      |      | 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.   |   |                        |                             |   |
| 95108                  | 1st Bower ... | 100                         | 2    | 0    | ✓                | ✓    | ✓    | 67                     | 12    | 2    | 0      | { Anchors all Halls (C.S.W.) of equal weight. | N. Hingley & Sons      | Netherthorpe 4/4/36         |   |
| 95100                  | 2nd „ ...     | 97                          | 2    | 21   | ✓                | ✓    | ✓    | 66                     | 10    | 0    | 0      |   |                        |                             |   |
| 95099                  | 3rd „ ...     | 101                         | 0    | 0    | ✓                | ✓    | ✓    | 67                     | 12    | 2    | 0      |   |                        |                             |   |
| Collective weight.     |               | 299                         | 1    | 21   |                  |      |      |                        |       |      |        | 298-0-0                                       |                        |                             |   |
| 95091                  | Stream 4th 31 | 1                           | 7    | 8    | 0                | 21   | 29   | 16                     | 0     | 14   | 31-0-0 | Ordinary (F.S.W. 1000 lbs.)                   |                        | Netherthorpe 27/4/36. Green |   |

| 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.  | Statutory.            | Breaking.      | Supplied.              | Per Rule.            | Length.  | Diam.                         | Length.         |                    |  |  |           | Cir.                      | Length. |                              | Cir.                          |      |
|                                 | Fathoms.                  | Ins.   | Tons.                 | Tons.          | Cwts. qrs. lbs.        | Cwts.                | Fathoms. | Ins.                          |                 |                    |  |  |           | Fathoms.                  | Ins.    | Tons.                        | Fathoms.                      | Ins. |
| * 88084                         | 330                       | 2 7/16 | 149.14<br>o.o.        | 149.10<br>s.o. | 1041-3-7               | 890 1/4<br>89<br>979 | 330      | 2 7/16                        | High Link Type. | L. Taylors & Sons. | Netherthorpe<br>Aug. 21 <sup>st</sup> 1936<br>J. & R. Kelly. | TOWLINE                                    | 130       | 6 1/2                     | 112.3   | 130                          | 6 1/2                         |      |
|                                 |                           |        |                       |                |                        |                      |          |                               |                 |                    |  | HAWSERS & WARPS                            | 4090      | 3 1/4                     | 21.7    | 20120                        | 2 3/4                         |      |
|                                 |                           |        |                       |                |                        |                      |          |                               |                 |                    |  | "  | 20120     | 3 1/4                     | 21.7    | 20120                        | 2 3/4                         |      |
| Iron Stream Chain or Steel Wire | 120                       | 5 1/2  | ✓                     | 84.4           | ✓                      | ✓                    | 120      | 5 1/2                         | S.W.            | ✓                  | ✓  | "  | ✓         | ✓                         | ✓       | ✓                            | ✓                             |      |

\* 3 end and 3 joining shackles spare included on above certificate.

Steering Gear, Steam *Donkin & Co. Duplex Electric* Steering Gear, Hand ✓

Boats 2 @ 28' x 5' 6", 2 @ 26' x 5' 2 1/2" Steering Chains, Size and Test ✓ Windlass *Black Chapman Electric*

Ceiling in Holds, thickness and material *Insulated holds.* Cargo Battens, thickness, material and spacing *Insulated holds.*

Cargo Hatchways.—(Upper Deck) *Built of plate and angles* Thickness of Hatches *2 1/2" pine.*

Size of No. 1 Hatchway (Forward) *22' 6" x 18' 2 1/2" No. 2 45' 4" x 21' 0" No. 3 28' 4" x 18' 2 1/2" No. 4 34' 0" x 18' 2 1/2" No. 5 31' 2" x 18' 2 1/2" No. 6 17' 0" x 18' 2 1/2"*

Number of Shifting Beams and/or Fore and Afters *Nº 1-4, Nº 2-9, Nº 3-5, Nº 4-7, Nº 5-6, Nº 6-3.*

FOR AND ON BEHALF OF  
**CAMMELL LAIRD & CO. LIMITED**  
Builder's Signature *A. W. Jackson*

**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 ✓

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point. *In 2 B. tanks, oil fuel cross bunker at F.E. of motor room, and tanks between and abreast funnels. F.P. above 150°F.*

*This vessel has been built in accordance with the approved plans, the Surveyor's letters and the Society's Rules for the class contemplated.*

*A freeboard of 5' 8" has been assigned and verified, and the markings have been cut in on the vessel's sides.*

*The materials and workmanship are good.*

*All double bottom tanks, peak tanks, cross bunkers, oil fuel tanks between and abreast funnels P.O.S., decks and bulkheads have been satisfactorily tested.*

*Forging reports (9 in number) for stem, rudder quadrant, tiller, rudder bearings, rudder head and frame, stem frame, propeller brackets and eyeplates.*

*This vessel is a sister ship to the "Dunedin Star", No. 1009, See Lic. Ppt. No. 106780, and "Melbourne Star", No. 1014, See Lic. Ppt. No. 107955, and fitted for carrying refrigerated cargoes in holds and tween decks.*

The amount of Entry Fee ..... £ 12 : 0 : 0 Fees applied for, *31/12/36* (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 43 : 9 : 0 Received by me, *6/1/37*

*Freight £ 20-0-0*

Travelling Expenses, if any £ : : *SKH*

I am of opinion the Vessel should be Classed *100 AI - with freeboard.*

State whether the Vessel has been built under Special Survey *Yes.* Signature *A. W. Jackson*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *LIVERPOOL* Date of issue *26/1/37*

Committee's Minute *LIVERPOOL 19 JAN 1937* FRI 30 APR 1937

Character assigned *+ 100 AI - 1.37. with fld.* WED 4 AUG 1937

*Lloyds A. & C.P.* TUE. 24 AUG 1937

*+ L.M.C. - 1.37.* TUE 14 SEP 1937

*C.L. Elec. Light.*

© 2020 Lloyd's Register Foundation



| PILLARS AND DECKS.   |  |  |  |   |                 |  |  |
|--|--|--|--|---|-----------------|--|--|
|  | INCHES IN SHIP.  |  | Any Departure from<br>Approved Plans to<br>be Noted. |   | INCHES IN SHIP. |  | Any Departure from<br>Approved Plans to<br>be Noted. |
| <b>PILLARS, No. of Rows.....</b>                                     | 2  |  | ✓  | Stringer Plate, breadth and thickness in way<br>of Bridge <i>to inboard edge of frames.</i> | 49 1/2 x 42     |  | ✓  |
| „ in 'tween Decks, Size and Spacing.....                             | Tubular<br>pillars and<br>bulkheads of<br>chilled metal<br>spaces as<br>approved |  | ✓  | Thickness of Plating abreast Deck openings<br>in way of Wells .....                         | 44              |  | ✓  |
| „ „ „ „ „  |  |  | ✓  | Thickness of Plating abreast Deck openings<br>in way of Bridge .....                        | 38              |  | ✓  |
| „ in Holds „ „   |  |  | ✓  | Thickness of Plating within line of openings...   | 34 x 44         |  | ✓  |
| „ „ „ „ „  |  |  | ✓  | If Sheathed, material and thickness .....   | ✓               |  | ✓  |
| <b>Centre Line Bulkhead.</b>   |  |  |  | <b>Third Deck.</b>  |                 |  |  |
| Stiffeners and Spacing.....  | ✓  |  | ✓  | Stringer Plate, breadth and thickness.....  | 58 1/2 x 34     |  | ✓  |
| Plating, thickness of .....  | ✓  |  | ✓  | If Plated, state thickness.....   | 30              |  | ✓  |
| <b>STRINGERS AND DECKS.</b>  |  |  |  | <b>Fourth Deck.</b>   |                 |  |  |
| <b>Uppermost Continuous Deck.</b>                                    |  |  |  | Stringer Plate, breadth and thickness.....  | 59 x 34         |  | ✓  |
| Stringer Plate, breadth and thickness in Wells                       | 68 x 98  |  | ✓  | If Plated, state thickness .....  | 30              |  | ✓  |
| „ „ „ „ in way of Bridge   | 74 x 48  |  | ✓  | <b>Poop Deck.</b>   |                 |  |  |
| „ Angle in Wells .....   | 86 1/2<br>6 x 6 x 70   |  | ✓  | Stringer Plate, breadth and thickness .....   | 40              |  | ✓  |
| Thickness of Plating abreast Deck openings<br>in way of Wells .....  | 75 forward<br>70 aft   |  | ✓  | Plating, <del>Sheathing, material and</del> thickness ..                                    | 36              |  | ✓  |
| Thickness of Plating abreast Deck openings<br>in way of Bridge ..... | 44   |  |  | <b>Bridge Deck.</b>   |                 |  |  |
| Thickness of Plating within line of openings...                      | 44   |  |  | Stringer Plate, breadth and thickness.....  | 74 x 57         |  | ✓  |
| If Sheathed, material and thickness <i>in fore-<br/>well</i>         | 3" Borneo<br>Cedar   |  | ✓  | Plating, Sheathing, material and thickness ..   | 53              |  | ✓  |
| <b>Second Deck.</b>  |  |  |  | <b>Forecastle Deck.</b>   |                 |  |  |
| Stringer Plate, breadth and thickness in Wells...                    | 54 x 48  |  | ✓  | Stringer Plate, breadth and thickness.....  | 40              |  | ✓  |
|  |  |  |  | Plating, <del>Sheathing, material and</del> thickness ..                                    | 36              |  | ✓  |

| SCANTLINGS.                              |               |            |            |            |  | RIVETING. |                   |                      |         |                       |                           |         |                       |                        |
|--|---------------|------------|------------|------------|--|-----------|-------------------|----------------------|---------|-----------------------|---------------------------|---------|-----------------------|------------------------|
| STRAKES.                                 | AS IN VESSEL. |            |            |            | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. |           | EDGES.            |                      |         | BUTTS.                |                           |         |                       |                        |
|  | AMIDSHIPS.    |            | FORWARD.   | AFT.       |  |           | State if joggled? | SINGLE OR<br>DOUBLE. | RIVETS. |                       | NO. OF ROWS<br>OF RIVETS. | RIVETS. |                       | STRAPPED OR<br>LAPPED. |
|  | Breadth.      | Thickness. | Thickness. | Thickness. |  |           |                   |                      | Diam.   | Spacing<br>cr. to cr. |                           | Diam.   | Spacing<br>cr. to cr. |                        |
|  | Inches.       | Inches.    | Inches.    | Inches.    |  |           |                   | Inches.              | Inches. |                       | Inches.                   | Inches. |                       |                        |
| FLAT PLATE KEEL .....                    | 59            | .94        | .84        | .84        | ✓  |           | D.R.              | 1 1/8                | 4 1/4   | 5                     | 1 1/8                     | 5       | Lapped                |                        |
| „ DBLG. (if any)                         | ✓             | ✓          | ✓          | ✓          | ✓  |           | ✓                 | ✓                    | ✓       | ✓                     | ✓                         | ✓       | ✓                     |                        |
| BOTTOM PLATING, No. of Strakes .....     | 78            | .73        | .80        | .56        | ✓  |           | D.R.              | 1                    | 3 7/9   | 4                     | 1                         | 4       | Lapped.               |                        |
| BILGE PLATING, No. of Strakes .....      | 78 1/2        | .78        | .56        | .56        | ✓  |           | D.R.              | 1                    | 3 7/9   | 4                     | 1                         | 4       | "                     |                        |
| SIDE PLATING, No. of Strakes .....       | 72            | .81        | .52        | .52        | ✓  |           | g. D.R.           | 1                    | 3 7/9   | 4                     | 1                         | 4       | "                     |                        |
| UPPER DECK, Sheer-strake in Wells .....  | 71            | .71        | .52        | .52        | ✓  |           | D.R.              | 7/8                  | 3 5/8   | 4                     | 7/8                       | 3 1/2   | "                     |                        |
| UPPER DECK, Sheer-strake in Bridge ...   | 72            | .93        | .52        | .52        | ✓  |           | D.R.              | 1                    | 3 7/9   | 5                     | 1                         | 4 1/2   | "                     |                        |
| STRAKE BELOW Sheer-strake in Wells ..... | 72            | .83        | .52        | .52        | ✓  |           | D.R.              | 1                    | 3 7/9   | 4                     | 1                         | 4 1/2   | "                     |                        |
| STRAKE BELOW Sheer-strake in Bridge ...  | 72            | .71        |            |            | ✓  |           | D.R.              | 7/8                  | 3 5/8   | 4                     | 7/8                       | 3 1/2   | "                     |                        |
| POOP SIDE PLATING .....                  |               | .44        |            |            | ✓  |           | S.R.              | 3/4                  | 3       | 2                     | 3/4                       | 2 5/8   | "                     |                        |
| BRIDGE SIDE PLATING ...                  |               | .69        |            |            | ✓  |           | D.R.              | 7/8                  | 3 5/8   | 4                     | 7/8                       | 3 1/2   | "                     |                        |
| FOREC'TLE SIDE PLATING                   |               | .46        |            |            | ✓  |           | S.R.              | 3/4                  | 3       | 2                     | 3/4                       | 2 5/8   | "                     |                        |

| Total No. of W.T. BULKHEADS in Vessel— |                   | STIFFENERS.        |                               |          |                                      |          |
|--|-------------------|--------------------|-------------------------------|----------|--------------------------------------|----------|
|  |                   | Plating Thickness. | VERTICAL.                     |          | HORIZONTAL.                          |          |
|  |                   |                    | Scantlings.                   | Spacing. | Scantlings.                          | Spacing. |
| Extending to Upper Deck (Sec. 3 c)     | 1                 |                    |                               |          |                                      |          |
| Deck next below                        | 7                 |                    |                               |          |                                      |          |
| As per Rule                            | 8                 |                    |                               |          |                                      |          |
| MIDSHIP BULKHD, Upper tween decks      |                   | ✓                  | ✓                             | ✓        | ✓                                    | ✓        |
| "                                      | " Second "        | 26                 | 4 1/2 x 3 x 340 ft. 30        | ✓        | ✓                                    | ✓        |
| "                                      | " Third "         | 30                 | 5 1/2 x 3 x 340 ft. 30        | ✓        | ✓                                    | ✓        |
| "                                      | " Holds .....     | 36, 43             | 9 x 3 1/2 x 3 1/2 x 50 ft. 30 | ✓        | ✓                                    | ✓        |
| COLLISION                              | " (in Hold) ..... | 38, 41             | 12 x 5 1/2 x 45 ft. 24        | ✓        | semi-bow beams 18" x 24" wide at bow | ✓        |
| AFTER PEAK                             | " " .....         | 26, 30             | 10 1/2 x 3 x 52 ft. 24        | ✓        | sponting stringer                    | ✓        |
|  |                   | 40, 51             | 11 x 3 1/2 x 50 ft. 24        | ✓        |                                      | ✓        |

|                                    | Casting or Forging.       | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
|------------------------------------|---------------------------|-------------|---------------|--|
| KEEL, Bar                          | ✓                         | ✓           | ✓             | ✓  |
| STEM                               | upper part br.            | ✓           | Chlth.        | ✓  |
|                                    | Lower part casting        | to apph.    | steel.        | ✓  |
| STERN FRAME                        | Propeller Post            | Cast steel  | Heblth.       | ✓  |
|                                    | Rudder                    | to apph.    | works.        | ✓  |
|                                    |                           |             | Pilch.        | ✓  |
| Speed of Vessel                    | 17 1/4 knots.             |             |               |  |
| RUDDER—Type                        | Rudder head               |             |               |  |
| " A x D                            | forged ingot              |             |               |  |
| " Diam. of head                    | steel, rudder             |             |               |  |
| " Mainpiece at top pintle          | frame cast                |             |               |  |
| " " heel                           | nied steel, Pilch.        |             |               |  |
| " how constructed                  | plated each side of arms, |             |               |  |
| " double or single plate           | coupling                  |             |               |  |
| " coupling, vertical or horizontal | vertical                  |             |               |  |

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens-Martin Open*  
*Hearth Process. Gussak, Keen & Baldwin Ltd, Appleby Frodingham.*

Lloyd's Register  
Foundation