

Rpt. 1
RECEIVED

7 MAY 1951

IN D.O.

Date of completion of report

STEEL STEAMER OR MOTORSHIP.

Received at London Office

6 JUN 1951

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

State if Report is sent on the Machinery of the Vessel

Port of LiverpoolNo. 133067Survey held at BirkenheadDate First Survey 14/9/49Last Survey 25/4/5119 51

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

Single Screw SteamerGeneral ReynodonMachinery Aft

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

Oil TankerState Type of Erections Pop Bridge & Forecastle

TONNAGE under Tonnage Deck ...

11420.89CLASS * 100 A1.

State if with freeboard as condition of Class

No.

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

Total

Gross Tonnage

12741.20

Register Tonnage

7395.89

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

530.0'

Breadth (greatest moulded)

71.0'

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

39.0'

1st Longitudinal Number (L x D)

20670

2nd Numeral L x (B + D)

58300

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

✓

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

13.59

Do. Long Bridge to top of keel

✓

Draught Moulded

Summer31'-0 3/8"Built at BirkenheadLaunched 12th December 1950 Yard No. 1204Builders Cammell Laird & Co. Ltd.Owners Newspapers Publishers Societies

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Buenos AiresIf surveyed while building, afloat, and in dry dockYes. Undocked 26.4.51.

REGISTERED DIMENSIONS.

FEET

Length 543.85Breadth 71.20Depth 39.00

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>33"</u> | <u>except 30" in 1st 30' of hull space</u> | Bracket Floors, Frame | <u>✓</u> | |
| " " from 1/2 length amidships to Collision bulkhead | <u>33" & 27"</u> | <u>63'-60" in 60' of hull space</u> | " " Reversed Frame | <u>✓</u> | |
| " " in peaks | <u>24"</u> | | " " Vertical Struts | <u>✓</u> | |
| SIDE FRAMING. | | | Centre Girder, depth and thickness | <u>54" x 60" x 52"</u> | |
| Frame Amidships, <u>B.A.</u> | <u>10" x 3 1/2" x 48"</u> | | " " top Angles | <u>welded</u> | |
| " " Extends up to | <u>upper 1/2</u> | | " " bottom Angles | <u>direct</u> | |
| " " Frame | <u>None</u> | | Side Girders, No. each side and thickness | <u>2 x 48"</u> | |
| " " Extends up to | <u>✓</u> | | Margin Plate depth (excl. of flange) and thickness | <u>✓</u> | |
| Depth of Framing Girder | <u>10"</u> | | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem | <u>✓</u> | |
| Frames in Uppermost Continuous 'tween Decks, Angle, [or] | <u>✓</u> | | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area | <u>✓</u> | |
| " " Second 'tween Decks, Angle, [or] | <u>✓</u> | | " " Gussets, spacing and scantling abaft 1/2 len. from stem | <u>✓</u> | |
| " " Third " " " " | <u>✓</u> | | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area | <u>✓</u> | |
| " " from 1/2 len. for'd. to 15% len. from Stem | <u>11" x 3 1/2" x 50"</u> | | " " Tank Side Brackets, height above base line at toe of Frame and thickness | <u>7'-6" x 44"</u> | |
| " " in Peaks, <u>B.A.</u> | <u>10" x 3 1/2" x 40"</u> | | INNER BOTTOM PLATING. <u>Aft.</u> | | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | <u>7/8" - 4 7/8" C to C.</u> | | Breadth and thickness of Middle Line Strake | <u>60" in transverse & 1/2" in longitudinal</u> | |
| State if Frame Joggled | <u>No.</u> | | Thickness of remainder in Holds | <u>✓</u> | |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? | <u>Yes</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>✓</u> | |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? | <u>Yes</u> | | BEAMS. | | |
| SINGLE BOTTOM. | | | Uppermost Continuous Deck, amidships in Wells, Angle, [or] | <u>✓</u> | |
| Floors, Depth and thickness at mid-line in Holds | <u>✓</u> | | " " in way of Bridge, Angle, [or] | <u>✓</u> | |
| Height of Brackets at side above base line at toe of frame | <u>✓</u> | | Spacing | <u>✓</u> | |
| Middle Line Keelson, on Floors, Angles, [or] | <u>✓</u> | | Second Deck, amidships, Angle, [or] | <u>✓</u> | |
| " " Through Plate or Inter-costal Plate | <u>✓</u> | | Spacing | <u>✓</u> | |
| " " Foundation Plate, on Floors | <u>✓</u> | | Third Deck, amidships, Angle, [or] | <u>✓</u> | |
| " " Flat Plate Keel Angles | <u>✓</u> | | Spacing | <u>✓</u> | |
| Side Keelsons, No. each side | <u>✓</u> | | Fourth Deck, amidships, Angle, [or] | <u>✓</u> | |
| " " thickness of Inter-costal Plate | <u>✓</u> | | Spacing | <u>✓</u> | |
| " " Angles | <u>✓</u> | | Poop Deck, Angle, <u>✓</u> | <u>✓</u> | |
| DOUBLE BOTTOM. <u>Aft.</u> | | | Spacing | <u>✓</u> | |
| Solid Floors, thickness and spacing | <u>48" 30" Spacing</u> | | Bridge Deck, <u>B.A.</u> | <u>8" x 3" x 46"</u> | |
| " " Are Frame and Reversed Frame joggled? | <u>✓</u> | | Spacing | <u>✓</u> | |
| Bracket Floors, breadth and thickness at middle line | <u>✓</u> | | Forecastle Deck, <u>B.A.</u> | <u>7" x 3" x 33"</u> | |
| " " breadth and thickness at margin plate | <u>✓</u> | | Spacing | <u>✓</u> | |

PILLARS AND DECKS.

| | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|--|---|--|--|--|---|--|
| PILLARS, No. of Rows | | | | Stringer Plate, breadth and thickness in way of Bridge | | ✓ | |
| ,, in 'tween Decks, Size and Spacing | | <i>Pillars fore & aft as approved ✓</i> | | Thickness of Plating abreast Deck openings in way of Wells | | ✓ | |
| ,, ,, ,, ,, ,, | | | | Thickness of Plating abreast Deck openings in way of Bridge..... | | ✓ | |
| ,, in Holds ,, ,, ,, | | | | Thickness of Plating within line of openings... | | ✓ | |
| ,, ,, ,, ,, ,, | | | | If Sheathed, material and thickness..... | | ✓ | |
| <i>Longitudinal Centre Line Bulkheads P&S. Stiffeners and Spacing</i> | | <i>1.0 A's</i> | <i>9" x 4" x 40" ✓ Spaced 33" apart. 50" & 44" ✓</i> | <i>Third Deck Slop tank Top.</i> Stringer Plate, breadth and thickness..... | | <i>38" walked in panels</i> | |
| Plating, thickness of | | | | If Plated, state thickness | | <i>38" ✓</i> | |
| STRINGERS AND DECKS. | | | | Fourth Deck. | | | |
| Uppermost Continuous Deck. | | | | Stringer Plate, breadth and thickness..... | | | |
| Stringer Plate, breadth and thickness in Wells | | | <i>81" x 1.08" - 46" ✓</i> | If Plated, state thickness..... | | | |
| ,, ,, ,, ,, <i>at ends</i> of Bridge | | | <i>81" x 1.24" ✓</i> | Poop Deck. | | | |
| ,, Angle in Wells <i>in way of Bridge</i> | | | <i>8" x 8" x 90" ✓</i> | Stringer Plate, breadth and thickness..... | | <i>41" x 40" ✓</i> | |
| Thickness of Plating abreast Deck openings in way of Wells | | | <i>94" ✓ 80" aft. ✓</i> | Plating, Sheathing, material and thickness ... | | <i>30" partially 2 1/2" wood. ✓</i> | |
| Thickness of Plating abreast Deck openings in way of Bridge..... | | | ✓ | Bridge Deck. | | | |
| Thickness of Plating within line of openings... | | | <i>84" 70" fore. ✓</i> | Stringer Plate, breadth and thickness..... | | <i>45" x 46" ✓</i> | |
| If Sheathed, material and thickness..... | | | <i>Not sheathed ✓</i> | Plating, Sheathing, material and thickness ... | | <i>38" 2 1/2" wood outside Bridge house ✓</i> | |
| Second Deck <i>in way of deep tanks fore & aft</i> | | | | Forecastle Deck. | | | |
| Stringer Plate, breadth and thickness in Wells | | | <i>34" varying width ✓</i> | Stringer Plate, breadth and thickness..... | | <i>37" x 40" ✓</i> | |
| | | | | Plating, Sheathing, material and thickness... | | <i>38" No sheathing. ✓</i> | |

SHELL PLATING.

| SCANTLINGS. | | | | | RIVETING. | | | | | | | | |
|---|---------------|-------------------------------|------------|------------|--|------------------|----------------------|---------|-----------------------|---------------------------|---------|-----------------------|------------------------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | | BUTTS. | | | | |
| | AMIDSHIPS. | | FORWARD. | AFT. | | State if hogged? | 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..... | 88 | 1.02 | .88 | .88 | | | | | | | | | |
| „ Dblg. (if any) | | | | | | | | | | | | | |
| Bottom Plating, No. of Strakes 4 | ✓ | .86 | .56 | .59 | | | | | | | | | |
| Bilge Plating, No. of Strakes 2 | ✓ | .86 | .56 | .70 | | | | | | | | | |
| Side Plating, No. of Strakes 3 | ✓ | .73 | .55 | .55 | | | | | | | | | |
| Upper Deck, Sheer- strake in Wells..... | 80 | 1.07 | .55 | .55 | | | | | | | | | |
| Upper Deck, Sheer- strake in Bridge ... | | 1.31 | ✓ | ✓ | | | | | | | | | |
| Strake below Sheer- strake in Wells..... | 70 | .93 | .55 | .55 | | | | | | | | | |
| Strake below Sheer- strake in Bridge ... | | .93 | ✓ | ✓ | | | | | | | | | |
| Poop Side Plating..... | ✓ | ✓ | ✓ | .50 to .44 | | | | | | | | | |
| Bridge Side Plating..... | ✓ | .50 fore end .70 aft. end. | ✓ | ✓ | | | | | | | | | |
| Forecastle Side Plating | ✓ | ✓ | .46 | ✓ | | | | | | | | | |

Seams and Butts - Butts welded.

Seams of Strakes D to E, E to F
and F to G. double riveted 1" dia
rivets 4" centre to centre 8 rivets
per frame space.

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c).....16✓

„ Deck next below.....✓

As per Rule.....✓

FORGINGS AND CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted |
|---------------------------------|----------------------|---|---------------|---|
| KEEL, Bar | | Flat Plate | | |
| STEM | | Upper portion, fashioned plate lower portion, rolled bar 11" x 3" | | |
| STERN FRAME { | Propeller Post | Cast Steel | Darlington | |
| { | Rudder | as approved | Forge. | |
| Speed of Vessel | | 13 1/2 knots | | |
| RUDDER—Type | | Double plate | | |
| " A x D | 740 | | | |
| " Diam. of head | 13 3/4 | Forging - Darlington Forge | | |
| " Mainpiece at top pintle | | Fabricated double plate | | |
| " " heel | | rudder with cast steel arms with forged steel pintles | | |
| " how constructed | | | | |
| " double or single plate | | Double .62" | | |
| " coupling, vertical or | | | | |
| " horizontal | | vertical scarf. | | |

| | | | | STIFFENERS. | | | | |
|--|----|------------------------------|----|--------------------------|----------------|--------------------|--|----------|
| | | | | Plating Thickness. | VERTICAL. | | HORIZONTAL. | |
| | | | | | Scantlings. | Spacing. | Scantlings. | Spacing. |
| In way of N ^o 5 Tank at centre MIDSHIP BULKH'D, Upper 'tween decks | | | | 50 $\frac{1}{2}$ " x 43" | 9" x 4" x 40." | 32 $\frac{1}{2}$ " | Top 30" x 44" Face Mid 34" x 44" Face Bot 39" x 44" Face | ✓ |
| 33 | 32 | Second | 32 | | | | Top 36" x 44" Face Mid 40" x 44" Face Bot 45" x 44" Face | ✓ |
| 32 | 32 | Third at rings | 32 | | | | | |
| 32 | 32 | Hold | | 50 $\frac{1}{2}$ " x 43" | 9" x 4" x 40" | 33" | Top 36" x 44" Face Mid 40" x 44" Face Bot 45" x 44" Face | ✓ |
| COLLISION (in Hold) FR. 192 | | | | 59" x 26" | 4" x 3" x 36" | 28 $\frac{1}{2}$ " | 8" x 3 $\frac{1}{2}$ " x 40" | ✓ |
| AFTER PEAK FR. 10 $\frac{1}{2}$ 11 | | | | 44" x 33" | ✓ | ✓ | 7" x 3 $\frac{1}{2}$ " x 28" | 26" |

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Basic Open Hearth Process*
Messrs Appleby Frodingham; Steel Co. of Wales; Skinningrove; Lanarkshire Steel Co.; Stornoway; Guest
Keen & Baldwins; Dairns & Scottish Steel Co.; Steel Co. of Scotland; Colvilles, Bargo & Iron Co.; & Bonsett.
Has the Steel been tested as required by the Rules? *Yes.*

Forging Certificates for Sternframe, Rudder Stock & Arms, & Tiller are forwarded herewith

"As Built" plans forwarded in accordance with the attached list:—

Midship Section Sheet 1 & 2.

Longitudinal Section

Upper Deck.

The approved plans have been retained in this office for reference in dealing with sister vessels Nos 1205 & 6 now building in the same yard.

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welded throughout except the following items which are riveted; seams of shell plating strakes "D" to "E", "E" to "F" & "F" to "G", deck stringer angles, side frames to shell, Bridge & Forecastle deck beams, Bilge keel to shell flat bar, stem bar and stern frame connections to shell.

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

Fitted for Oil Fuel 4.51, F.P. above 150°F, Lloyd's A & C.P.; Machinery aft; Pt. elec. welded; Radar; Crusier Stern; Gyro Compass; E.S.D.; D.F. Pt. Cem.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No.

State Name of Maker and Supplier Messrs. Marconi

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

| | | | | | |
|-----------|-----------------------|-------------|---------|----------------------|--------------|
| 1st Bower | 69 cwt. 1 qt. 21 lbs. | A.E.G. 1574 | 5/6/50 | Height of Head + Pin | 76 - 3 - 0. |
| 2nd " | 69 cwt. 2 qrs. 0 lbs. | A.E.G. 1577 | 5/5/50 | " " " | 76 - 2 - 14. |
| 3rd " | 57 cwt. 0 qrs. 6 lbs. | A.E.G. 1660 | 27/6/50 | " " " | 62 - 3 - 0. |
| STREAM. | 25 cwt. 1 qt. 0 lbs. | A.E.G. 1383 | 10/1/50 | " " " | 28 - 0 - 21. |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 121.0 ft., R.Q.D. ft., Bridge 45.0 ft., Forecastle 78.75 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. ✓ Signal Letters L.U.Z.I. Extreme Breadth over Belting No Belting Over-all Length 566'-0 1/2"

No. and Material of Decks One, Steel

Parts of Bottom of Vessel coated with cement or approved composition In Peaks only (cement) cemented at bottom and cement washed upper portion.

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

| Where Fitted. | Length. | Water Capacity. | Where Fitted. | Length. | Water Capacity. |
|--|---------|-----------------|---|-----------|-----------------|
| Double bottom, aft, D.B. Feed Water Tank | 67.50 | 119.70 | Fore peak tank, | ✓ | 310.80 |
| Double bottom, under Engines and Boilers | 2.50 | ✓ | After peak tank, | ✓ | 190.40 |
| Double bottom, if under Engines only, OF (P & S) | 22.50 | ✓ | Deep tank, aft, Domestic F.W. Tank | 2-17 | 33.50 307.00 |
| Double bottom, if under Boilers only, | | | Deep tanks forward, | 4-172-192 | 45.00 922.70 |
| Double bottom, forward, | | | Feed Water Tanks aft, | 4-11-17 | 15.00 211.90 |
| Total length (if continuous) and Capacity | 92.50 | 119.70 | (If necessary furnish further information by sketch.) | | |

Order for Special Survey No.

Dates of Surveys held while building

14/9/49 to 25/4/51



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No S.S.O.F. available when filed.

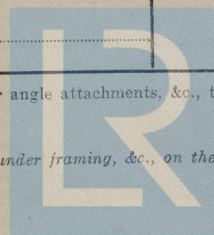
Rpt. 1*.

PARTICULARS OF LONGITUDINAL FRAMING. AT BOTTOM & DECK.

| FRAMING. | AMIDSHIPS. | | | ENDS. | | | Any Departure from Approved Plans to be Noted. | RIVETING. | | | | |
|--|---|------|------|----------|------|------|---|--------------------------------|-------------|---|----------------------------------|-------------------|
| | In Ship. | | | In Ship. | | | | Rivets in Longitudinal Frames. | | Spacing of Rivets on each side of Transverses and Bulkheads. Inches. | Rivets in Brackets to Bulkheads. | |
| | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | | Diam. Ins. | Speng. Ins. | | Number. | Diameter. Inches. |
| <p>ing of L, L or C</p> <p>nes in Bridge 'tween Decks ...</p> <p>nes from Uppermost Continuous Deck</p> <p>No. 1</p> <p>" 2</p> <p>" 3</p> <p>" 4</p> <p>" 5</p> <p>" 6</p> <p>" 7</p> <p>" 8</p> <p>" 9</p> <p>" 10</p> <p>" 11</p> <p>" 12</p> <p>" 13</p> <p>" 14</p> <p>" 15</p> <p>" 16</p> | <p><i>Transverse framing side plate.</i></p> | | | | | | | | | | | |
| <p>Spacing of Longitudinal Frames</p> <p>Amidships</p> <p>At Ends</p> | | | | | | | | | | | | |
| <p>Longitudinals</p> <p>Bottom</p> <p>ing of Longitudinals</p> <p>Amidships</p> <p>At ends...</p> | <p>17" x 4" x 4" x .48" throughout</p> <p>chamfers with shell flange cut down to 1 1/2" for welding.</p> <p>33" in wing tanks.</p> <p>32 1/2" in centre tanks.</p> | | | | | | <p>Electric welded!</p> | | | | | |
| <p>Transverses.</p> <p>Side (between Decks)</p> <p>Depth and Thickness</p> <p>Face Angles</p> <p>Lugs to Shell*</p> <p>Side (Hold)</p> <p>Depth and Thickness</p> <p>Face Angles</p> <p>Lugs to Shell*</p> <p>Can go Tanks.</p> <p>ottom</p> <p>Depth and Thickness</p> <p>Face Angles</p> <p>Lugs to Shell*</p> <p>Back Plate</p> <p>Brackets</p> | <p><i>44" x .46"</i></p> <p><i>6" x .46"</i></p> <p><i>welded direct except in way of Gidge. At Bulk welded to 3 1/2" x 3 1/2" x .50 OA.</i></p> <p><i>42" x 6" x .44" flat</i></p> <p><i>99"</i></p> | | | | | | <p>Rivets in Lugs to Shell.</p> <p>Diam. Speng.</p> | | | | | |
| <p>Spacing of Transverse Frames...</p> <p>* State if joggled or liners.</p> | | | | | | | | | | | | |
| <p>Longitudinal</p> <p>ams</p> <p>1.0A</p> <p>Upper</p> <p>Second</p> <p>Third</p> | <p>8" x 3 1/2" x .48"</p> | | | | | | <p>Spacing.</p> <p>33" wing</p> <p>32 1/2" centre</p> | | | | | |
| <p>Transverse Beams.</p> | | | | | | | <p>Plate. Face Angles</p> <p>33" x .46 8"</p> <p>Strict welded to deck.</p> | | | | | |

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.



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