

DISCLOSED  
SECTION

## STEEL STEAMER OR MOTORSHIP.

DISCLOSED  
SECTION

Received at London Office

No.

837-B

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

No.

837-B

Date of completion of report 24th December, 1945. Port of Gothenburg No. 14499

Survey held at Gothenburg Date First Survey 24th May, 1940 Last Survey 4th December 1945.

On the (Single Screw Motor Tanker "SAN ANTONIO" (Machinery fitted aft))

State Type Full Scantling, Tanker State Type of Erections Poop &amp; Forecastle

TONNAGE under Tonnage Deck ... 10204.62 CLASS +100A1 State if with freeboard as condition of Class No Built at Gothenburg

Do. of space or spaces between Tonnage Dk. and Upper Dk. --- Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 511' 10" Launched 19th May, 1941 Yard No. 546

Total --- Breadth (greatest moulded) B 66' 0" Builders A-B. Götaverken

Gross Tonnage 11163.35 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D. for num 39' 3" Owners Argentine Government

Register Tonnage 6676.46 1st Longitudinal Number (L x D) 19450 Managers Yacimientos Petroliferos Fiscales (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. 2nd Numeral L x (B + D) 53230 Residence Buenos Aires

Length 162.82 Framing Depth "d," at middle of length. See Sec. 3 (1d) --- Port of Registry Buenos Aires

Breadth 20.20 Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.04 If surveyed while building, afloat, or in dry dock

Depth 12.14 Draught Moulded 29' 10 1/8 While building, afloat and on floating dock

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|   | MM. IN SHIP.                       | Any Departure from Approved Plans to be Noted. |  | MM. IN SHIP.              | Any Departure from Approved Plans to be Noted. |
|---|------------------------------------|--|--|---------------------------|--|
| FRAMES, Spacing amidships.....  | 825                                |  | Bracket Floors, Frame .....  |                           |  |
| "    "    from <del>fr. 170</del> to Collision bulkhead.....  | 685                                |  | "    "    Reversed Frame.....  |                           |  |
| "    "    in peaks .....  | 610                                |  | "    "    Vertical Struts .....  |                           |  |
| SIDE FRAMING.   |                                    |  | Centre Girder, depth and thickness amidships 1200 x 12.5 Dbl.  |                           |  |
| Frame Amidships, Angle, <del>Frank</del> L.....   | 250 90 11.5                        |  | "    "    top Angles .....   | 90 90 13                  |  |
| Extends up to.....  | Upper deck                         |  | "    "    To shell.....  | 7                         |  |
| Bottom Longitudinal 10.46" x 39"  |                                    |  | Side Girders, No. each side and thickness.....   | 2 & 19.0                  |  |
| Amidships, <del>xxxx</del> I.....   | 8.23" x 575"                       |  | Margin Plate depth (excl. of flange) and thickness .....   | Tank top extends to shell |  |
| at.....   | 700 mm. sp.                        |  | "    "    Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....   |                           |  |
| Webs in Wing Tanks 1140 x 11 & 315 x 20 face pl.  |                                    |  | "    "    Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....  |                           |  |
| Depth of Framing Girder.....  |                                    |  | "    "    Gussets, spacing and scantling abaft 1/4 len. from stem.....   |                           |  |
| Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....  |                                    |  | "    "    Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....   |                           |  |
| "    "    Second 'tween Decks, Angle, [ or ] .....  |                                    |  | Tank Side Brackets, height above base line at toe of Frame and thickness .....   | Frames through tank top   |  |
| "    "    Third .....   |                                    |  | INNER BOTTOM PLATING.  |                           |  |
| "    " <del>xxxx</del> Frames 171 - 185.....  | 320 100 14                         |  | Breadth and thickness of Middle Line Strake.....   | 14.5                      |  |
| in Peaks, <del>xxxx</del> [ .....   | 230 90 12.5                        |  | Thickness of remainder in <del>xxxx</del> Mch. sp. 14.5  |                           |  |
| Attachment of <del>xxxx</del> of <del>xxxx</del> Welded   |                                    |  | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. <del>xxxx</del> space and framing in Bunkers and Boiler Room?..... | Yes                       |  |
| Side Frame and Shell Plating amidships .....  | 150 100                            |  | DECK LONGITUDINALS   |                           |  |
| State if Frame Joggled.....   | No                                 |  | Uppermost Continuous Deck, amidships <del>xxxx</del> [ .....   | 200 90 10                 |  |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....          | Yes                                |  | "    "    in way of Bridge, Angle, [ or ] .....  |                           |  |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? ..... | Yes                                |  | Spacing .....  | 700                       |  |
| SINGLE BOTTOM. in Tanks   |                                    |  | Upper deck transverses, Ctr. tank <del>xxxx</del> [ .....  | 70 x 11 & 150 mm. fl.     |  |
| Floors, Depth and thickness at mid-line in Holds.....   | 1150 x 12 (140 " " " 1/2 L. Tanks  |  | "    "    Wing tank.....   | 70 x 10 & 90 mm. fl.      |  |
| Do. wing tanks.....   | 1150 x 12 & 100 " " " 1/2 L. Tanks |  | Third Deck, amidships, Angle, [ or ] .....   |                           |  |
| Middle Line Keelson, <del>xxxx</del> [ .....  | 900 x 12 & 90 " " " 1/2 L. Tanks   |  | Spacing.....   |                           |  |
| "    "    Through Plate <del>xxxx</del> [ .....   | 2150 x 12.5 with 460 x 30 face pl. |  | Fourth Deck, amidships, Angle, [ or ] .....  |                           |  |
| "    " <del>xxxx</del> [ .....  |                                    |  | Spacing.....   |                           |  |
| "    "    to Flat Plate Keel <del>xxxx</del> [ .....  | 7 9 at ends                        |  | Poop Deck, <del>xxxx</del> [ .....   | 200 75 9/10 230 90 11     |  |
| Side Keelsons, No. each side.....   |                                    |  | Spacing.....   | 610 & 825                 |  |
| "    "    thickness of Intercoastal Plate.....  |                                    |  | Bridge Deck, Angle, [ or ] .....   |                           |  |
| "    "    Angles .....  |                                    |  | Spacing.....   |                           |  |
| DOUBLE BOTTOM. in machinery space   |                                    |  | Forecastle Deck, <del>xxxx</del> [ .....   | 230 90 11                 |  |
| Solid Floors, thickness and spacing .....   | 11.5 ev. frame                     |  | Spacing.....   | 685 & 610                 |  |
| "    "    Are Frame and Reversed Frame joggled? .....   | No                                 |  |  |                           |  |
| Bracket Floors, breadth and thickness at middle line .....  |                                    |  |  |                           |  |
| "    "    breadth and thickness at margin plate.....  |                                    |  |  |                           |  |

(MADE IN ENGLAND.)

011574-011585-0023



## PILLARS AND DECKS.

|   | IN SHIP.                          | Any Departure from<br>Approved Plans to<br>be Noted. | IN SHIP. | Any Departure from<br>Approved Plans to<br>be Noted. |
|---|-----------------------------------|--|----------|--|
| PILLARS, No. of Rows .....                                  | 2 Long. Bhd.                      |  |          |  |
| " in 'tween Decks, Size and Spacing .....                   | --                                |  |          |  |
| " " " " " "   | --                                |  |          |  |
| " in Holds " " "  | --                                |  |          |  |
| " " " " " "   | --                                |  |          |  |
| Longitudinal Bulkheads in Tanks                             | Horizontal Corrugations           |  |          |  |
| Stiffeners and Spacing                                      | from top 11, 95 11, 95, 10,       |  |          |  |
| Plating, thickness of                                       | 10, 11, 11.5, 13.5 12, 12.5, 13.5 |  |          |  |
| Webs on Longitudinal Bhd.                                   | 1740x11 &                         |  |          |  |
| STRINGERS AND DECK.   | 315x20 face plates                |  |          |  |
| Uppermost Continuous Deck.                                  | 2390 x 24                         |  |          |  |
| Stringer Plate, breadth and thickness in Wells              | --                                |  |          |  |
| " " " " in way of Bridge                                    | --                                |  |          |  |
| " " " " Plate to shell Welded                               | 17                                |  |          |  |
| Thickness of Plating abreast Deck openings in way of Wells  | 17                                |  |          |  |
| Thickness of Plating abreast Deck openings in way of Bridge | --                                |  |          |  |
| Thickness of Plating within line of openings                | 17                                |  |          |  |
| If Sheathed, material and thickness                         | --                                |  |          |  |
| Top stringer  | 900 x 10                          |  |          |  |
| Stringer Plate, breadth and thickness in Wells              | & 150 fl.                         |  |          |  |
| Stringer Plate, breadth and thickness in way of Bridge      | --                                |  |          |  |
| Thickness of Plating within line of openings                | --                                |  |          |  |
| If Sheathed, material and thickness                         | --                                |  |          |  |
| Middle stringer   | 1120 x 13                         |  |          |  |
| Stringer Plate, breadth and thickness                       | & 150 fl.                         |  |          |  |
| If Plated, state thickness                                  | --                                |  |          |  |
| Bottom Stringer   | 900 x 13                          |  |          |  |
| Stringer Plate, breadth and thickness                       | & 150 fl.                         |  |          |  |
| If Plated, state thickness                                  | --                                |  |          |  |
| Poop Deck.  |                                   |  |          |  |
| Stringer Plate, breadth and thickness                       | 10                                |  |          |  |
| Plating, Sheathing, material and thickness                  | 7.5 &                             |  |          |  |
| Bridge Deck.  |                                   |  |          |  |
| Stringer Plate, breadth and thickness                       | 2 1/2" wood                       |  |          |  |
| Plating, Sheathing, material and thickness                  | --                                |  |          |  |
| Forecastle Deck.  |                                   |  |          |  |
| Stringer Plate, breadth and thickness                       | 10                                |  |          |  |
| Plating, Sheathing, material and thickness                  | 9                                 |  |          |  |

## SHELL PLATING.

| SCANTLINGS.                                       |               |            |                |            | RIVETING.  |  |         |                       |                           |             |                       |                        |
|---|---------------|------------|----------------|------------|--|--|---------|-----------------------|---------------------------|-------------|-----------------------|------------------------|
| STRAKES.  | AS IN VESSEL. |            |                |            | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. | EDGES.                                   |         |                       | BUTTS.                    |             |                       |                        |
|   | AMIDSHIPS.    |            | FORWARD.       | AFT.       |  | State if jogged?<br>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. |                        |
| Flat Plate Keel.....                              | 1730          | 25         | 21.5           | 21.0       |  | Butt welded                              | MM.     | MM.                   |                           | Butt welded | MM.                   | MM.                    |
| „ Dblg. (if any)<br>ABC.                          |               | --         |                |            |  |  |         |                       |                           |             |                       |                        |
| Bottom Plating, No. of<br>Strakes ... 3 .....     |               | 18         | 21.0 &<br>21.5 | 14.0       |  | "  | "       |                       |                           | "           | "                     |                        |
| Bilge Plating, No. of<br>Strakes ... 1 .....      |               | 18         | --             | --         |  |  |         |                       |                           |             |                       |                        |
| Side Plating, No. of<br>Strakes ... 3 .....       |               | 18         | 12.5           | 12.5       |  | Double                                   | 22      | 90.6                  |                           | "           | "                     |                        |
| Upper Deck, Sheer-<br>strake in Wells... 5 .....  | 2130          | 22         | 14.0           | 12.5       | Approved 2250  | Treble                                   | 24      | 103.5                 |                           | "           | "                     |                        |
| Upper Deck, Sheer-<br>strake in Bridge ...        |               | --         |                |            |  |  |         |                       |                           |             |                       |                        |
| Strake below Sheer-<br>strake in Wells... 4 ..... |               | 20         | 12.5           | 12.5       |  | Double                                   | 25      | 103.5                 |                           | "           | "                     |                        |
| Strake below Sheer-<br>strake in Bridge ...       |               | --         |                |            |  |  |         |                       |                           |             |                       |                        |
| Poop Side Plating.....                            |               |            |                | 10.5       |  | Single                                   | 22      | 90.6                  |                           | "           | "                     |                        |
| Bridge Side Plating.....                          |               | --         |                |            |  |  |         |                       |                           |             |                       |                        |
| Forecastle Side Plating                           |               |            | 11.5           |            |  | Single                                   | 22      | 90.6                  |                           | "           | "                     |                        |

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 11 + 6 in centre tanks

„ Deck next below \_\_\_\_\_

As per Rule 8

## FORGINGS AND CASTINGS.

|                                    | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
|------------------------------------|---------------------|-------------|---------------|--|
| KEEL, Bar .....                    |                     | MM.         |               |  |
| STEM .....                         | Plate stem          |             |               |  |
| STERN FRAME { Propeller Post ..... | Cast.               |             | Motala        |  |
| { Rudder .....                     | Forg. 295 Ø         |             |               |  |
| Speed of Vessel .....              | 14 knots            |             |               |  |
| RUDDER—Type .....                  | Simplex             |             |               |  |
| " A × D .....                      |                     |             |               |  |
| " Diam. of head .....              | 325                 |             | Cast.         |  |
| " Mainpiece at top pintle .....    | As per              |             | from Motala   |  |
| " " heel .....                     | appd. plan          |             |               |  |
| " how constructed .....            | Welded              |             |               |  |
| " double or single plate .....     | Double              |             |               |  |
| " coupling, vertical or .....      |                     |             |               |  |
| " horizontal .....                 | Horizontal          |             |               |  |

|            |                           | Plating Thickness. | STIFFENERS.  |          |             |                      |
|------------|---------------------------|--------------------|--------------|----------|-------------|----------------------|
|            |                           |                    | VERTICAL.    |          | HORIZONTAL. |                      |
|            |                           |                    | Scantlings.  | Spacing. | Scantlings. | Spacing.             |
| MIDSHIP    | BULKH'D, <u>in tanks</u>  | 10                 | Vertical     |          |             | Upper girder         |
|            | <del>Upper Corroded</del> |                    | Corrugations |          |             | 145x11 & 170x16      |
| "          | <del>Lower</del>          | 12                 |              |          |             | face plate, ctr. br. |
| "          | <del>Thin</del>           | 13.5               |              |          |             | 1150x10 & 130 mm.    |
| "          | Holds                     |                    |              |          |             | flange in wings.     |
|            |                           |                    |              |          |             | Lower girder         |
|            |                           |                    |              |          |             | 1460x13 & 300x30     |
|            |                           |                    |              |          |             | 1460x10 & 150 mm.    |
|            |                           |                    |              |          |             | flange in wings      |
|            |                           |                    |              |          |             | Peak brk top & 2 s   |
|            |                           |                    |              |          |             | box beams/           |
|            |                           |                    |              |          |             | Semi box beam &      |
| COLLISION  | (in Hold)                 | 75, 8, 9           | 150x75x9     | 2        |             |                      |
|            | Fr.10                     | 10, 11.5           | 280x90x12.5  | 2        | 610         |                      |
| AFTER PEAK | Fr.15                     | 8.5, 10            | 165x75x9     | 2        | 700         |                      |
|            |                           | 10, 20             | 230x90x11    | 4        | 610         |                      |

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.  
Bethlehem Steel Co., Domnarfvets Jernverk, Dortmund-Hoerder Huttenverein, Gutehoffnungs-Hütte, Deutsche  
Röhrenwerke A.G., Kön.Ung.Stahl- und Eisenwerke, August Thyssen Hütte  
Has the Steel been tested as required by the Rules? Yes







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.)

Sister vessels: M.T. "JULIUS", Yard No.550, Gothenburg First Entry Report No. 13346.

M.T. "BUENOS AIRES", " 555, " " " " " 13534.

As fitted plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Approved plans

are the same as for the sister vessels,

Various forging and casting certificates are forwarded under separate cover.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of shell and deck plating electrically welded. Seams of bottom plating, transverse and longitudinal bulkheads, in tanks, girders, stringers, webs in tanks, shell to frames and bottom longitudinals in tanks, floors to girders under machinery and girders to shell. Also various other details.

Electrode OK 49 with automatic welding machine and OK 52 P with hand machine.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Carrying Petroleum in bulk. Part electrically welded, Longitudinal framing at bottom and deck, Machinery aft, Cruiser stern, Wireless, Direction finding apparatus, Echo sounding device.

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

|           |      |         |      |      |         |       |         |      |      |         |
|-----------|------|---------|------|------|---------|-------|---------|------|------|---------|
| 1st Bower | Head | 59:1: 1 | N.S. | 2471 | 11.4.40 | Shank | 25:3:27 | N.S. | 2475 | 11.4.40 |
| 2nd       |      | 58:2:19 | N.S. | 2469 | 11.4.40 |       | 25:3:27 | N.S. | 2474 | 11.4.40 |
| 3rd       |      | 62:2:12 | N.S. | 2470 | 11.4.40 |       | 25:3: 5 | N.S. | 2473 | 11.4.40 |
| Stream    |      | 26:0: 5 | N.S. | 2472 | 11.4.40 |       |         |      |      |         |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 101.5 ft., R.Q.D. — ft., Bridge — ft., Forecastle 63.7 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 — Extreme Breadth over Belting — Over-all Length 540' 3" (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck (steel)

Parts of Bottom of Vessel coated with cement or approved composition Fore and After Peaks

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. | Salt Water Capacity. | Where Fitted.   | Length. | Salt Water Capacity. |
|--|---------|----------------------|---|---------|----------------------|
| Double bottom, aft, Frs. 29-45                         | 43.3    | 201.5                | Fore peak tank,                                       |         | 135.0                |
| Double bottom, aft, " 13-28                            | 40.6    | 81.7                 | After peak tanks                                      |         | 397.0                |
| Double bottom, if under Engines only,                  |         |                      | Deep tank, aft, wing tanks P&S in Mchy.sp.            |         | 495.6                |
| Double bottom, if under Boilers only,                  |         |                      | Deep tank, forward,                                   |         |                      |
| Double bottom, forward,                                |         |                      | Other tanks, if fitted, Cross bkr.fwd.Mchy.sp.        |         | 271.0                |
| Total length (if continuous) and Capacity.             |         |                      | (If necessary furnish further information by sketch.) |         |                      |
| Lubricating oil tanks under Engines: 38.91 cub.metres. |         |                      |   |         |                      |

Order for Special Survey No. 284

Date 31.1.1939

Dates of Surveys held while building

1940: May 24,30,31, June 3,10,18,21, July 23,24,26,29, Aug.2,7,14,14,15,15,16,19,22,23, 23,31,31, Sept.3,5,11,12,12,16,19,21,22, Oct.9,10,11,12,14,15,16,21,29, Nov.4,15,19,21, 25,26, Dec.9,13,20, 1941: Jan.8,10,18,22,23,25,27,30, Febr.12,17,20, March 3,12,13,17,17, 26, April 1,4,7,12,16,16,17,18,18,19,22,23,23,26, May 2,6,9,12,13,14,18, June 4,6, July 7,11,21, Sept.2,27, Oct.18,24, Nov.11, Dec.29,30,31,31, 1942: Jan.2, Total No. of Visits 130 2,3,3,4,4,5, Oct.22, Dec.4,7, 1943: Jan.18, Oct.30, 1944: Jan.18, Febr.15, 1945: Nov.5,14, 26,28,30,27,28, Dec.1,1,3,4,4,5