

WRECK 9 FEB 1957

SECTION IN D.O.

STEEL STEAMER OR MOTORSHIP

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

Date of completion of report

17th January, 1957.

Port of Vizagapatam

No. 66

Survey held at

Vizagapatam.

Date First Survey

26th January, 1957.

Last Survey

13th January, 1957.

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

Single Screw Steamer

"JALAPADMA"

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

Full Scantling

State Type of Erections

Prop. Bridge and Forecastle.

TONNAGE under

Tonnage Deck ...

4655.04

CLASS 100 A1.

State if with freeboard

No.

as condition of Class

Do. of space or spaces

between Tonnage Dk.

and Upper Dk.

Total

Gross Tonnage

5104.06

Register Tonnage

3014.86

REGISTERED DIMENSIONS.

FEET

Length

401.15.

Breadth

52.00.

Depth

27.95.

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L 400.0

Breadth (greatest moulded)

B 51.75

Depth, at middle of length from top of keel to top

of beam at side of uppermost continuous

deck. See Sec. 3 (1c)

D 30.50

1st Longitudinal Number (L x D)

12,200

2nd Numeral L x (B + D)

32,900

Framing Depth "d" at middle of length. See

Sec. 3 (1d)

18.46

Proportions—Depth to Length—Uppermost con-

tinuous deck to top of keel

13.11

Do. Long Bridge to

top of keel

10.39

Draught Moulded

24'-9.4"

Built at

Vizagapatam

Launched

14th September 1950 Yard No. VC 105 G1.

Builders

The Scindia Steam Navigation Co. Ltd.

Owners

Government of India.

Managers

The Scindia Steam Navigation Co. Ltd.

(Where necessary to be entered in Leg. Book)

Residence Scindia House, Ballara Estate, Bombay.

Port of Registry

Bombay.

If surveyed while building, afloat, or in dry dock

Building + afloat.

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..... | 28 | ✓ | Bracket Floors, Frame B.A. | 6 3/2 .37 | ✓ |
| " " from 1/2 length amidships to Collision bulkhead..... | 27 | ✓ | " " Reversed Frame B.A. | 6 3/2 .35 | ✓ |
| " " in peaks..... | 24 | ✓ | " " Vertical Struts Channel | 10 3/2 x 3/2 .36 | ✓ |
| SIDE FRAMING. | 3R. 10 3/2 .58 | ✓ | " " Centre Girder, depth and thickness amidships | 4 1/2 x .51 | ✓ |
| Frame Amidships, Angle | 10 3/2 .48 | ✓ | " " top Angles | 3 1/2 3/2 .50 | ✓ |
| " " Extends up to..... | 2nd DECK | ✓ | " " bottom Angles..... | 4 4 .50 | ✓ |
| Reversed Frame Amidships, Angle..... | ✓ | ✓ | Side Girders, No. each side and thickness..... | 1 @ .39, .49 in B.Rm. | ✓ |
| " " Extends up to..... | ✓ | ✓ | Margin Plate depth (excl. of flange) and thickness..... | 37 x .50, .64 in B.Rm. | ✓ |
| Depth of Framing Girder..... | 10 | ✓ | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem..... | 3 1/2 3/2 .50 | ✓ |
| Frames in Uppermost Continuous 'tween Decks, Angle | 7 3/2 .40 | ✓ | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area..... | 6 6 .44 | ✓ |
| " " Second 'tween Decks, Angle, [or] | ✓ | ✓ | " " Gussets, spacing and scantling abaft 1/2 len. from stem..... | Ev. Fr. .39 | ✓ |
| " " Third | ✓ | ✓ | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area..... | 6 - 7/8" Rvs | ✓ |
| " " from 1/2 len. for'd. to 15% len. from Stem | 12 3/2 .66 | ✓ | " " Tank Side Brackets, height above base line at toe of Frame and thickness | 39, 7-7/8 Rvs | ✓ |
| " " in Peaks, Angle | 12 3/2 .54 | ✓ | " " INCHES IN SHIP. | 64 3/4 x .51 in B.Rm. | ✓ |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships..... | 7/8 Rvs. Spaced 7 Dims apart. | ✓ | INNER BOTTOM PLATING. | | |
| State if Frame Joggled..... | Yes. | ✓ | Breadth and thickness of Middle Line Strake | 70" x .50 | ✓ |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?..... | Yes. | ✓ | Increased .08 in way of hatches (no ceiling) | .63 in B.Rm. + B.Rm. | ✓ |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?..... | Yes. | ✓ | Thickness of remainder in Holds..... | .42 | ✓ |
| SINGLE BOTTOM. | | | 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 | ✓ |
| Floors, Depth and thickness at mid-line in Holds..... | ✓ | ✓ | BEAMS. REV. EV. 4 th @ Centre Span Angle | 3 1/2 3/2 .50 | ✓ |
| Height of Brackets at side above base line at toe of frame..... | ✓ | ✓ | Uppermost Continuous Deck, amidships in Wells, Angle | 7 3/2 .59 | ✓ |
| Middle Line Keelson, on Floors, Angles, [or] | ✓ | ✓ | " " in way of Bridge, Angle | 7 3/2 .59 | ✓ |
| " " Through Plate or Intercoastal Plate..... | ✓ | ✓ | " " Spacing | 28" | ✓ |
| " " Foundation Plate on Floors..... | ✓ | ✓ | Rev. Every 4 th @ Centre Span - Angle | 3 1/2 3/2 .50 | ✓ |
| " " Flat Plate Keel Angles | ✓ | ✓ | Second Deck, amidships, Angle | 7 3/2 .59 | ✓ |
| Side Keelsons, No. each side..... | ✓ | ✓ | " " Spacing | 28" | ✓ |
| " " thickness of Intercoastal Plate..... | ✓ | ✓ | Third Deck, amidships, Angle, [or] | ✓ | ✓ |
| " " Angles | ✓ | ✓ | " " Spacing..... | ✓ | ✓ |
| DOUBLE BOTTOM. | | | Fourth Deck, amidships, Angle, [or] | ✓ | ✓ |
| Solid Floors, thickness and spacing | .39 every 4 th | ✓ | " " Spacing..... | ✓ | ✓ |
| " " Are Frame and Reversed Frame joggled?..... | Yes. | ✓ | Pop Deck, Angle Every | 7 3/2 .38 | ✓ |
| Bracket Floors, breadth and thickness at middle line..... | 32 x .39 | ✓ | " " Spacing | 24" & 28" | ✓ |
| " " breadth and thickness at margin plate..... | 32 x .39 | ✓ | Bridge Deck, Angle, Angle Every | 7 3/2 .38 | ✓ |
| | 32 x .49 | ✓ | " " Spacing..... | 28" | ✓ |
| | 32 x .39 | ✓ | Forecastle Deck, Angle Every | 7 3/2 .38 | ✓ |
| | 32 x .49 | ✓ | " " Spacing..... | 24" & 27" | ✓ |

| PILLARS AND DECKS. | | | | | |
|---|---|--|--|-----------------|--|
| PILLARS, No. of Rows | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
| <i>Bridge</i> in between Decks, Size and Spacing | <i>Two</i> <i>4" 5" Dia.</i> <i>Spaced 20' approx</i> | ✓ | | | |
| " " " <i>upper</i> " " " | <i>4" 5 7/8" Dia.</i> <i>25' 0" / 30' 0"</i> | ✓ | | | |
| " " " " " " | <i>13" 17" Dia.</i> <i>25' 0" / 30' 0"</i> | ✓ | | | |
| " " " " " " | ✓ | ✓ | | | |
| Centre Line Bulkhead. Stiffeners and Spacing | ✓ | ✓ | | | |
| Plating, thickness of | ✓ | ✓ | | | |
| STRINGERS AND DECKS. | | | | | |
| Uppermost Continuous Deck. | | | | | |
| Stringer Plate, breadth and thickness in Wells | <i>56 x 87</i> ✓ | | | | |
| " " " " in way of Bridge | <i>56 x 44</i> ✓ | .38 ✓ | | | |
| " Angle in Wells | <i>6 6 .87</i> ✓ | .84 ✓ | | | |
| Thickness of Plating abreast Deck openings in way of Wells | <i>.63</i> ✓ | .58 ✓ | | | |
| Thickness of Plating abreast Deck openings in way of Bridge..... | <i>.38</i> ✓ | .34 ✓ | | | |
| Thickness of Plating within line of openings... | <i>.38</i> ✓ | .32 ✓ | | | |
| If Sheathed, material and thickness..... | <i>2" Compo in Poop.</i> ✓ | ✓ | | | |
| Second Deck. | | | | | |
| Stringer Plate, breadth and thickness in Wells | <i>70 x 38</i> ✓ | ✓ | | | |
| Stringer Plate, breadth and thickness in way of Bridge | | | | | |
| Thickness of Plating abreast Deck openings in way of Wells | | | | | |
| Thickness of Plating abreast Deck openings in way of Bridge..... | | | | | |
| Thickness of Plating within line of openings... | | | | | |
| 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..... | <i>34 x 38</i> ✓ | .34 ✓ | | | |
| Plating, Sheathing, material and thickness | <i>2 1/2" Teak Sposid</i> <i>2" Compo in Accord.</i> | ✓ | | | |
| Bridge Deck. | | | | | |
| Stringer Plate, breadth and thickness..... | <i>56 x 63</i> ✓ | .46 ✓ | | | |
| Plating, Sheathing, material and thickness | <i>2" Compo in Accord.</i> | ✓ | | | |
| Forecastle Deck. | | | | | |
| Stringer Plate, breadth and thickness..... | <i>34 x 38</i> ✓ | .34 ✓ | | | |
| Plating, Sheathing, material and thickness..... | <i>Sheathing in way of windows only.</i> | ✓ | | | |

| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | RIVETING. | | | | | | | |
|-------------------------------------|---|------------|----------|------------|--|-------------------|-------------------|-----------|--------------------|------------------------|---------|--------------------|---------------------|
| | AMIDSHIPS. | | FORWARD. | | | EDGES. | | BUTTS. | | | | | |
| | Breadth. | Thickness. | Inches. | Thickness. | | State if joggled? | SINGLE OR DOUBLE. | RIVETS. | | NO. OF ROWS OF RIVETS. | RIVETS. | | STRAPPED OR LAPPED. |
| | | | | | | | | Diam. | Spacing cr. to cr. | | Diam. | Spacing cr. to cr. | |
| Flat Plate Keel..... | 49 | .78 | .68 | .68 | | | | | | | | | |
| " Dblg. (if any) | 4 Strakes Bottom plating increased to .66 | | | | | Double | 7/8"-1" | 4 | | | | | |
| Bottom Plating, No. of Strakes | 4 | .64 | .60 | .48 | .46 @ ends. | Double | 7/8 | 3 1/2 | | | | | |
| Bilge Plating, No. of Strakes | 5 | .77 | .63 | .46 | .50 .60 amid. .46 aft. | " | " | " | | | | | |
| Side Plating, No. of Strakes | 3 | .71 | .63 | .44 | .48 .60 amids. .44 @ ends | " | " | " | | | | | |
| Upper Deck, Sheer-strake in Wells | K | .73 | .74 | .54 | .44 .44 @ ends. | " | " | " | | | | | |
| Upper Deck, Sheer-strake in Bridge | K | .73 | .63 | .54 | .44 | " | 1 | 3 1/2 / 4 | | | | | |
| Strake below Sheer-strake in Wells | J | .73 | .63 | .44 | .44 | " | 7/8 | 3 1/2 | | | | | |
| Strake below Sheer-strake in Bridge | J | .73 | .63 | - | - .60 | " | " | " | | | | | |
| Poop Side Plating | ✓ | ✓ | ✓ | .44 | .38 | Single | " | " | | | | | |
| Bridge Side Plating | ✓ | ✓ | ✓ | ✓ | .58 | Double | " | " | | | | | |
| Forecastle Side Plating | ✓ | ✓ | .44 | ✓ | .40 | Single | " | " | | | | | |

| | |
|--|---|
| Total No. of W.T. BULKHEADS in Vessel— | |
| Extending to Upper Deck (Sec. 3 c) | 6 |
| „ Deck next below | ✓ |
| As per Rule | 6 |

| | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from approved Plans to be Noted |
|--|-----------------------------------|--------------------------|-----------------------------------|---|
| KEEL, Bar | | Plat' plate Keel. ✓ | | ✓ |
| STEM <i>Mild steel - rolled</i> | <i>9 1/2" x 2 3/8"</i> | <i>Tatas</i> | | ✓ |
| STERN FRAME { Propeller Post | <i>Streamlined Casting</i> | <i>10 x 14"</i> | <i>Scott & Co. Glasgow</i> | ✓ |
| " { Rudder | <i>Casting</i> | <i>10 1/2" x 18 3/8"</i> | <i>Beamish & Sons Glasgow</i> | ✓ |
| Speed of Vessel | | <i>10 1/2 knots.</i> ✓ | | |
| RUDDER—Type | <i>Streamlined</i> | <i>Double plate.</i> ✓ | | ✓ |
| " A x D. | | <i>676</i> ✓ | | ✓ |
| " Diam. of head | <i>5 feet</i> | <i>12 1/4"</i> ✓ | | <i>Rule 11 3/4.</i> |
| " Mainpiece at top pintle | <i>Steel Casting</i> | <i>11 1/2 x 11"</i> ✓ | | ✓ |
| " " heel | | <i>6 1/2 x 11"</i> ✓ | | ✓ |
| " how constructed | <i>Complete Cast Steel Frame.</i> | | | ✓ |
| " double or single plate | | <i>1/2" Double pl.</i> ✓ | | ✓ |
| " coupling, vertical or horizontal | | <i>Vertical</i> ✓ | | ✓ |

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
Tata Iron and Steel Co., Ltd., Bengal Steel Corporation

Yes. ✓

HAWSERS AND WARPS.

For particulars of chain cables see over leaf.

Chief Steward Manager

Handwritten notes on lined paper, including the number 12.712 and a date 12/23/2011. A blue and white logo is visible on the right side of the page.

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.)

THIS VESSEL IS A SISTER TO "JALAPANKHI" RPT. No 54.

CHAIN CABLES.

| No. of CERT. | LENGTH & SIZE SUPPLIED | TEST PER STATY | CERT. BREAKS | WT. OF CABLE SUPPLIED. | DESCRIPTION | MAKERS | WHERE AND WHEN TESTED AND SUPERINTENDENT. |
|--------------|------------------------|----------------|--------------|------------------------|-------------|-------------------|---|
| 16748 | 15 FMS. | 1 1/16 | 94.5 | 132.3 | 30. 1. 4 | TAYCO. STUD LINK. | SAMUEL TAYLOR & SONS NETHERTON. 31.5.50. H. MURPHY. |
| 16749 | " | " | " | " | 30. 1. 8 | " | " " " |
| 16750 | " | " | " | " | 30. 1. 14 | " | " " " |
| 16751 | " | " | " | " | 30. 1. 8 | " | " " " |
| 16752 | " | " | " | " | 30. 1. 4. | " | " " " |
| 16753 | " | " | " | " | 30. 1. 4. | " | " " " |
| 16754 | " | " | " | " | 29. 3. 8. | " | " " 25.5.50 |
| 16755 | " | " | " | " | 30. 2. 0. | " | " " " |
| 16756 | " | " | " | " | 30. 0. 12. | " | " " " |
| 16757 | " | " | " | " | 30. 2. 4. | " | " " " |
| 16758 | " | " | " | " | 30. 2. 0. | " | " " " |
| 16759 | " | " | " | " | 30. 2. 16. | " | " " " |
| 16760 | " | " | " | " | 30. 2. 8. | " | " " 31.5.50 |
| 16761 | " | " | " | " | 30. 1. 12. | " | " " " |
| 16762 | " | " | " | " | 30. 2. 4. | " | " " " |
| 16763 | " | " | " | " | 30. 2. 0. | " | " " " |
| 16764 | " | " | " | " | 30. 2. 8. | " | " " " |
| 16765 | " | " | " | " | 30. 1. 4. | " | " " " |
| 16766 | 5 FMS | " | " | " | 10. 1. 16 | " | " " 25.5.50 |
| 16767 | " | " | " | " | 10. 2. 0. | " | " " " |

PARTICULARS OF ELECTRIC WELDING (if employed) Centre girder butts, tank top seams & butts, margin to shell, shell butts, W.T. Bulkheads - seams & butts, shaft tunnel seams and butts, tunnel to tank top, 2nd Dk. girder to Dk., 2nd Dk. seams & butts, 2nd Dk. stringers to shell, Upper Dk. seams & butts inside erections, Upper Dk. stringers to shell inside erections, poop & forecastle seams & butts, bridge Dk. butts, hold & tween Dk. pillars, deck houses.

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

Cruiser Stern - part electric welded.

| | |
|--|--|
| Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test. | 1st Bower 35. 1. 26. 11 A.E.G. 3741. 23 rd March, 1950. |
| | 2nd " 35. 2. 16 11 A.E.G. 3734. 23 rd March, 1950. |
| | 3rd " 32. 1. 8 11 A.E.G. 1320 2 nd December, 1949. |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.64 ft., R.Q.D. X ft., Bridge 144.67 ft., Forecastle 32.74 ft.

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

Official No. 191138 Signal Letters VWYN. Extreme Breadth over Belting 52'-0" (Circ. 1611) Over-all Length 415.7' (Circ. 1703)

No. and Material of Decks Two - Steel.

Parts of Bottom of Vessel coated with cement or approved composition Cement laid on bottom in D.B. under boilers, cement fitted in bottom of Peak Tanks and in way of rivet heads of bottom shell landings in D.B. Tanks.

Particulars of composition (if fitted) and of approval Plating at bilges, bunker spaces including pockets, head and back space between decks, aft bridge space, chain locker, coated with Wailles Dore anti-corrosive bitumastic solution.

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, | 114.33 | 315 | Fore peak tank, | | 78 |
| Double bottom, under Engines and Boilers, | 46.66 | 103. | After peak tank, | | 46 |
| Double bottom, if under Engines only, N.B. Tank under Boilers used as | | | Deep tank, aft, | | ✓ |
| Double bottom, if under Boilers only, Dry Tank but connected to Ballast line. | | | Deep tank, forward, | | ✓ |
| Double bottom, forward, | 182.1 | 629 | Other tanks, if fitted, | | ✓ |
| Total length (if continuous) and Capacity | 343.09 | 1047. | (If necessary furnish further information by sketch.) | | ✓ |

Order for Special Survey No.

Date.

Dates of Surveys held while building

Jan. '50 - 26th; Feb. '50 - 1, 2, 10, 13, 14, 15, 16, 17, 20, 22, 24, 27.; March '50 - 13, 14, 15, 16, 17, 20, 22, 23, 24, 27, 28; April '50 - 3, 4, 5, 6, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 24, 25, 26, 27, 28; May '50 - 1, 2, 3, 5, 8, 10, 11, 12, 15, 16, 17, 18, 23, 24, 25, 26, 29, 30, 31; June '50 - 1, 2, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 26, 27, 28, 29, 30; July '50 - 3, 4, 5, 6, 7, 10, 12, 13, 14, 18, 19, 20, 21, 24, 25, 26, 27, 28, 31; Aug '50 - 1, 2, 3, 4, 7, 8, 9, 10, 11; Sept. '50 - 12, 14, 20, 22, 25; Oct. - 4, 17, 24; Total No. of Visits 140.
27, 30; Nov. '50 - 1, 2, 6, 8, 15, 27, 30; Dec. '50 - 1, 12, 13, 14, 21, 26, 28, 29; Jan '51 - 3, 5, 8, 10, 13.