

STEEL STEAMER OR MOTORSHIP.

14 SEP 1950

Received at London Office

WRECK
SECTION

No. 1024

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 29 Aug 1950 Port of Glasgow No. 76016Survey held at Dumbarton Date First Survey 13th April 1949 Last Survey 21st August 1950On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "ORDIA" Indy. Amidships.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with T.O. aft. State Type of Erections Complete Superstructure.

TONNAGE under } 4595.42
Tonnage Deck ... }
Do. of space or spaces }
between Tonnage Dk. }
and Upper Dk. }
Total 4595.42
Gross Tonnage 5448.55
Register Tonnage 3010.28

CLASS +100A1 State if with freeboard } Yes
as condition of Class }
Length from fore part of stem to after part of stern } 420.0
post on summer L.W.L. See Sec. 3 (1a) }
Breadth (greatest moulded) } 57.25
Depth, at middle of length from top of keel to top } 38.06
of beam at side of uppermost continuous } D 28.56 2nd
deck. See Sec. 3 (1c) }
1st Longitudinal Number (L x D) = 15,330
2nd Numeral L x (B + D) = 39,375
Framing Depth "d," at middle of length. See } 24.16
Sec. 3 (1d) }
Proportions—Depth to Length—Uppermost con- } 11.05
tinuous deck to top of keel }
Do. Long Bridge to }
top of keel }
Draught Moulded 25.2 1/4

Built at Dumbarton
Launched 15/6/50 Yard No. 1433
Builders Wm Denny & Bros. Ltd.
Owners British India Steam Navigation Co. Ltd.
Managers do
(Where necessary to be entered in Reg. Book)
Residence 122 Leadenhall Street London, E.C.3.
Port of Registry London
If surveyed while building, afloat, or in dry dock
While building, afloat and in dry dock.

REGISTERED DIMENSIONS.

FEET

Length 427.5
Breadth 57.45
h 25.95

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.....	30 ✓		Bracket Floors, Frame [✓	6 3 3/4 .39 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame..... [✓	6 3 3/4 .36 ✓	
" " in peaks.....	24 ✓		" " Vertical Struts [✓	8 3 3/4 x 3 3/4 x 1/2 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 3/4 .54 ✓	
Frame Amidships, Angle, [or [✓	12 3 3/4 .58 ✓		" " top Angles dble. ✓	3 3/4 3 3/4 .48 ✓	
" " Extends up to.....	2 nd deck ✓		" " bottom Angles..... dble. ✓	4 3/4 4 3/4 .54 ✓	
Reversed Frame Amidships, Angle.....	✓		Side Girders, No. each side and thickness.....	one .38 ✓	
" " Extends up to.....	✓		Margin Plate depth (excl. of flange) and thickness.....	40 .54 ✓	
Depth of Framing Girder.....	12 ✓		" " Vertical Angle to Tank side	4 3/4 .45 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [✓	8 3 3/4 .36 ✓		" " Bracket abaft 1/2 len. from stem Flat bar ✓	4 3/4 .45 ✓	
" " Second 'tween Decks, Angle, [or [✓	✓		" " Vertical Angle to Tank side	4 3/4 .45 ✓	
" " Third " " " " ✓	✓		" " Bracket from forward 1/2 len. from stem to Panting Area	Continuous plate ✓	
" " from 1/2 len. for'd. to 15% len. from Stem 135-146 12 3 3/4 .62 ✓	12 3 3/4 .62 ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	Continuous plate ✓	
" " 147-157 12 3 3/4 .72 ✓	12 3 3/4 .72 ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....	4 3/4 ✓	
" " in Peaks, Angle, [or [✓	8 3 3/4 .35 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	7 1/2 .44 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	7/8 5 3/4 ✓		INNER BOTTOM PLATING.		
State if Frame Joggled.....	Yes ✓		Breadth and thickness of Middle Line Strake.....	53 3/4 .52 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	as per Rules ✓		Thickness of remainder in Holds.....	44 .40 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	as per Rules ✓		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 ✓	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds.....			Uppermost Continuous Deck, amidships in Wells, Angle, [or [✓	8 3 3/4 .39 ✓	
Height of Brackets at side above base line at toe of frame.....			" " in way of Bridge, Angle, [or [✓	✓	
Middle Line Keelson, on Floors, Angles, [or [✓			Spacing.....	30 ✓	
" " Through Plate or Intercostal Plate.....			Second Deck, amidships, Angle, [or [✓	9 3 .42 ✓	
" " Foundation Plate on Floors.....			Spacing.....	30 ✓	
" " Flat Plate Keel Angles.....			Third Deck, amidships, Angle, [or [✓		
Side Keelsons, No. each side.....			Spacing.....		
" " thickness of Intercostal Plate.....			Fourth Deck, amidships, Angle, [or [✓		
" " Angles.....			Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [✓		
Solid Floors, thickness and spacing.....	41 120 ✓		Spacing.....		
" " Are Frame and Reversed Frame joggled?.....	Yes ✓		Bridge Deck, Angle, [or [✓		
Bracket Floors, breadth and thickness at middle line.....	32 3/4 x 41 ✓		Spacing.....		
" " breadth and thickness at margin plate.....	32 3/4 .41 ✓		Forecastle Deck, Angle, [or [✓	8 3 .35 ✓	
			Spacing.....	27 1/4 ✓	

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	Two	See plan	✓	Stringer Plate, breadth and thickness in way of Bridge	✓		
" in 'tween Decks, Size and Spacing	4 1/2 at hatch	✓		Thickness of Plating abreast Deck openings in way of Wells37	✓	
" " " " " "	4 1/2 in 80	✓		Thickness of Plating abreast Deck openings in way of Bridge			
" " " " " "	as approved	✓		Thickness of Plating within line of openings...	.34	✓	
" " " " " "				If Sheathed, material and thickness.....			
Centre Line Bulkhead. Stiffeners and Spacing	Built type	✓		Third Deck. Stringer Plate, breadth and thickness.....			
Plating, thickness of	See plan	✓		If Plated, state thickness			
STRINGERS AND DECKS.				Fourth Deck. Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	66	.60	✓	Stringer Plate, breadth and thickness.....			
" " " " in way of Bridge	✓			If Plated, state thickness			
" " " " Angle in Wells	5	5	.60	✓			
Thickness of Plating abreast Deck openings in way of Wells51	✓		Poop Deck. Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Bridge47	✓		Plating, Sheathing, material and thickness ...			
Thickness of Plating within line of openings...	.40	✓		Bridge Deck Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness.....	✓			Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck. Stringer Plate, breadth and thickness.....	.36	✓	
Stringer Plate, breadth and thickness in Wells	48	.60	✓	Plating, Sheathing, material and thickness...	.34	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>ho</i> ✓			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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.....	<i>52</i> ✓	<i>.79</i> ✓	<i>.68</i> ✓	<i>.68</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
„ Dblg. (if any)			✓									
Bottom Plating, No. of Strakes <i>3</i> ✓		<i>.59</i> ✓	<i>.50</i> ✓	<i>.50</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
Bilge Plating, No. of Strakes <i>2</i> ✓		<i>.59</i> ✓	<i>.50</i> ✓	<i>.50</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
Side Plating, No. of Strakes <i>3</i> ✓		<i>.59</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
Upper Deck, Sheer- strake <i>in Wells</i>	<i>84</i> ✓	<i>.68</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
Upper Deck, Sheer- strake in Bridge ...			✓									
Strake below Sheer- strake <i>in Wells</i>		<i>.59</i> ✓		<i>.46</i> ✓		<i>double</i> ✓	<i>7/8</i> ✓	<i>3 3/4</i> ✓	<i>welded</i> ✓			
Strake below Sheer- strake in Bridge ...			✓									
Poop Side Plating.....			✓									
Bridge Side Plating.....			✓									
Forecastle Side Plating			<i>.42</i> ✓			<i>single</i> ✓	<i>3 3/4</i> ✓	<i>3</i> ✓	<i>welded</i> ✓			

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 1 ✓

„ Deck next below..... 7 ✓

As per Rule..... 7

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	<i>upper plate.</i>	<i>.50</i>		
STEM	<i>Forefoot roller bar</i>	<i>10" x 23"</i>		
<i>Fabricated & Welded.</i>			<i>Colville</i>	
STERN { Propeller Post				
FRAME { Rudder "		<i>See plan</i>		
Speed of Vessel	<i>12 knots</i>			
RUDDER—Type	<i>Fabricated & welded ordinary</i>	<i>See plan</i>	<i>Colville</i>	
" A x D.		<i>535</i>		
" Diam. of head		<i>11 7/8</i>		
" Mainpiece at top pintle		<i>See plans</i>		
" " heel		<i>do</i>		
" how constructed	<i>fabricated & welded.</i>			
" double or single plate		<i>.50</i>		
" coupling, vertical or		<i>horiz.</i>		
" horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Colvilles, Steel Co. of Scotland

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

Yes.

Lloyd's Register
Foundation

F.D.
150°F.
0261 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 List of the Plans should be embodied.)

Sister vessels: Dennis 1401, S.S. ORMARA Els Rpt. 71667.
" 1432, S.S. OLINDA " " 75220.

The plans detailed in Els Rpt. 71667 have been used for this vessel.

The following plans are returned herewith:—

- ✓ Midship Section.
- ✓ Structural profile & Decks.
- ✓ Stern frame & Rudder.
- ✓ Pumping
- ✓ Oil Fuel Bunkers

Also forwarded: ✓ Additional Casings on 2nd Deck. (Drivhead Units). (1433 only)
and ✓ Midship Section (as built)
✓ Profile & Decks (as built).

Forging Reports: Tiller & Spare; Steering gear test: Windlass test:
Stern frame: Rudder: Rudder stock.

PARTICULARS OF ELECTRIC WELDING (if employed)

Murex. Foster.

Butts of keel, shell & decks: Margin plate to shell; 2nd dk stringer to shell; margin butts
W.T. & O.T. bulkheads; Seams & stiffeners to tank top; Shaft tunnel seams, butts,
stiffeners & to tank top, floors, skeletal floors & frame brackets & margin plates.
Continuous gusset plates to tank top; Engine Seat; Centre Girder butts, Pillars & Girders,
Stern frame & Rudder (fabricated). Tank top butts. Hatch coaming & beams etc.

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

+100A1 with freeboard, cruiser stern, Lloyd's ACP, Wireless,
Radar, D.F., Echo Sounder; pt Elec welded, 1 dk & shelter deck.
F.R., Pt. Ceylon; 8 bulkheads, Coll. Bd. to Deck. 4 to 2nd dk.
Fitted for oil free, Kanchi point about 150F.

RADAR Equipment (State if fitted)

Yes

State Type or Pattern No. Radiolocator 3

State Name of Maker and/or Supplier. Marconi.

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

1st Bower. 41.3.14; R.L.: 3819: 23/11/48. ✓
2nd " 42.2.0; R.L.: 3817: 23/11/48. ✓
3rd " 33.3.21; R.L.: 3808: 11/11/48. ✓

36'

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 57.5' Over-all Length 441.5' ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Steel. 1 dk. and Shelter deck.

Parts of Bottom of Vessel coated with cement or approved composition Fore peak, aft peak, dry tank. ✓
Cement wash in ballast tanks.

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.	SW.		Where Fitted.	SW.	
	Length. Feet.	Water Capacity. Tons.		Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130	296	Fore peak tank,	22.5	170 ✓
Double bottom, under Engines and Boilers, ✓			After peak tank,	20.0	93 ✓
Double bottom, under Engines only, Res. Feed	25	120	Deep tank, aft,		
Double bottom, under Boilers only, Dry tank	17.5	85	Deep tank, forward, (O.F.)		
Double bottom, forward,	191.25	683	Other tanks, if fitted,		
Total length (if continuous) and Capacity	363.75	1184	(If necessary furnish further information by sketch.)		

6953
Order for Special Survey No. —

Date 21st January 1948

Dates of Surveys
held while building

1949. Apr. 13-25. May 5-31. June 2-27. July 21-28. Aug. 3-11-23-26-30. Sep. 1-6-15-19-27-29-30. Oct. 3-10-12-19-24. Nov. 3-9-16-18-21.
25-28-30. Dec. 14-19-20-23-27-28-29. 1950. Jan. 7-12-16-18-27. Feb. 8-15. Mar. 20-22-29. Apr. 7-11-14-17-25-27. May 1-2-4-7.
10-17-19-23-25-26-30. JUN. 1-2-5-6-7-14-15. JULY 21. Aug. 2-10-17-18-19-21.

Total No. of Visits 82