

PRELIMINARY.
STEEL STEAMER OR MOTORSHIP.

Received at London Office 18 DEC 1950

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.

Completion of report 27th November 1950 Port of Vizagapatnam No. 62.
at Vizagapatnam Date First Survey 21st May, 1950 Last Survey 22nd November, 1950.

Single Screw "INDIRA" (Ex H.M.I.S. "CALCUTTA")

Full scantling

State Type of Erections Forecastle only.

CLASS 100 A - State if with freeboard as condition of Class YES.

Built at Calcutta.

Launched 1943. Yard No. N.C.P.6.

Builders Hooghly Docking & Engg. Co. Ltd.

Owners ANDHRA TRADING Co.

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

Residence BEZWADA, S. INDIA.

Port of Registry MADRAS?

If surveyed while building, afloat, or in dry dock
Afloat & in Dry Dock - Undocked 24th May '50

under
ck ...

or spaces
nage Dk.
Dk.

ge
nage

RED DIMENSIONS.

FEET

153.5

27.75

14.35

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 152.0.

Breadth (greatest moulded) B 27.5.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 15.0.

1st Longitudinal Number (L x D) =

2nd Numeral L x (B + D) =

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

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

Do. Long Bridge to top of keel

Draught Moulded

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.
ES, Spacing amidships.....	22 ✓	✓	Bracket Floors, Frame	✓	
from 1/2 length amidships to Collision bulkhead.....	22 ✓	✓	Reversed Frame.....	✓	
in peaks	22 ✓	✓	Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	✓	
Amidships, Angle, [or]	5 3 7/16 ✓	✓	top Angles	✓	
Extends up to.....	Upper Dk. ✓	✓	bottom Angles.....	✓	
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness.....	✓	
Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	✓	
of Framing Girder.....	5 ✓	✓	Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓	
es in Uppermost Continuous 'tween Decks, Angle, [or]	✓	✓	Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	✓	
Second 'tween Decks, Angle, [or]	✓	✓	Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
Third	✓	✓	Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓	
from 1/2 len. for'd. to 15% len. from Stem	5 3 7/16 ✓	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
in Peaks, Angle or [.....	5 3 5/16 ✓	✓	INNER BOTTOM PLATING.		
eter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" Dia. ✓	✓	Breadth and thickness of Middle Line Strake...	✓	
if Frame Joggled.....	5/16" Spacing ✓	✓	Thickness of remainder in Holds	✓	
the scantlings and arrangements in the Panting Area in accordance with the Rules 1/2 or as approved?	No ✓	✓	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?.....	✓	
the scantlings and arrangements in way the Bottom Forward in accordance with Rules and/or as approved?	5 x 3 7/16 frames support on at 24 ft. deep tank tops. ✓	✓	BEAMS.		
FLOORS IN E. Rm. 25 x 7/16 with 3 x 3 x 7/8 double top angles.	✓	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or]	5 3 .40 ✓	✓
Bottom.			in way of Bridge, Angle, [or]	5 3 .32 ✓	✓
Depth and thickness at mid-line in Holds, and Boiler Room.....	18 x 7/16, 3 1/2 x 10 ✓	✓	E & B. spaces [or]	22 ✓	✓
Height of Brackets at side above base line at toe of frame.....	18 ✓	✓	Spacing	22 ✓	✓
Line Keelson, on Floors, Angles	5 3 7/16 ✓	✓	Second Deck, amidships, Angle, [or]	✓	
Through Plate at Inter-costal Plate	21 x 7/16 ✓	✓	Spacing	✓	
Foundation Plate on Floors	10 x 1 ✓	✓	Third Deck, amidships, Angle, [or]	✓	
Flat Plate Keel Angles	3 3 7/16 ✓	✓	Spacing.....	✓	
Keelsons, No. each side.....	one. ✓	✓	Fourth Deck, amidships, Angle, [or]	✓	
Side bunker bld. in E. Rm. 30 pl. - 6 ft. 16 floors	✓	✓	Spacing.....	✓	
thickness of Inter-costal Plate	3/8 ✓	✓	Poop Deck, Angle, [or]	✓	
angle lugged to fit in hold	5 3 1/2 ✓	✓	Spacing	✓	
Angles in E. Rm. 3 3 3/8 ✓	✓	✓	Bridge Deck, Angle, [or]	✓	
Bottom.			Spacing.....	✓	
Floors, thickness and spacing			Forecastle Deck, Angle, [or]	5 3 .32 ✓	✓
Are Frame and Reversed Frame joggled?			Spacing.....	22 ✓	✓
Floors, breadth and thickness at middle line					
breadth and thickness at margin plate.....					

PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
in 'tween Decks size and Spacing	2 3/4" x 4 1/2" Sp.	✓	✓
POOP CASTLE	2 3/4" x 4 1/2" Sp.	✓	✓
in Holds	2 3/4" x 4 1/2" Sp.	✓	✓
Centre Line Bulkhead. Stiffeners and Spacing		✓	✓
Plating, thickness of		✓	✓
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	66" x 3/2"	✓	✓
" " " " in way of	52 1/2" x 3/2"	✓	✓
" " " " Angle in Wells	2 3/4" x 3/4"	✓	✓
Thickness of Plating abreast Deck openings in way of Wells	3/2"	✓	✓
Thickness of Plating abreast Deck openings in way of Bridge		✓	✓
Thickness of Plating within line of openings		✓	✓
If Sheathed, material and thickness	No Sheathing	✓	✓
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		✓	✓
Plating, Sheathing, material and thickness		✓	✓
Bridge Deck.			
Stringer Plate, breadth and thickness		✓	✓
Plating, Sheathing, material and thickness		✓	✓
Forecastle Deck.			
Stringer Plate, breadth and thickness	66" x 26"	✓	✓
Plating, Sheathing, material and thickness	No Sheathing	✓	✓

SHELL PLATING.

STRAKES.	AS IN VESSEL.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.
	AMIDSHIPS. FORWARD. AFT.		EDGES. BUTTS.
	Breadth. Thickness. Breadth. Thickness. Breadth. Thickness.		State if doubled? SINGLE OR DOUBLE. RIVETS. No. OF RIVETS. RIVETS.
Flat Plate Keel	59 1/2" x 1/2" ✓ 7/16" x 7/16" ✓	✓	D.R. ✓ 3/4" x 3/4" Two ✓ 3/4" x 2 5/8"
" Dblg. (if any)	None	✓	✓
Bottom Plating, No. of Strakes	67" x 7/16" ✓ 7/16" x 3/8" ✓	✓	D.R. ✓ 3/4" x 3/4" Two ✓ 3/4" x 2 5/8"
Bilge Plating, No. of Strakes	66" x 7/16" ✓ 7/16" x 3/8" ✓	✓	D.R. ✓ 3/4" x 3/4" Two ✓ 3/4" x 2 5/8"
Side Plating, No. of Strakes	70" x 7/16" ✓ 7/16" x 3/8" ✓	✓	D.R. ✓ 3/4" x 3/4" Two ✓ 3/4" x 2 5/8"
Upper Deck, Sheer-strake	59" x 1/2" ✓ 7/16" x 3/8" ✓	✓	D.R. ✓ 3/4" x 3/4" Two ✓ 3/4" x 2 5/8"
Upper Deck, Sheer-strake in Bridge	✓	✓	✓
Strake below Sheer-strake in Wells	✓	✓	✓
Strake below Sheer-strake in Bridge	✓	✓	✓
Poop Side Plating	✓	✓	✓
Bridge Side Plating	✓	✓	✓
Forecastle Side Plating	80" x 7/16" ✓	✓	S.R. ✓ 3/4" x 3/4" One ✓ 3/4" x 3/4"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	4
As per Rule	4

FORGINGS AND CASTINGS.

KEEL, Bar	Flat plate
STEM	Roller steel 7" x 1 1/2"
STERN FRAME	Propeller Post 120 particulars available
Rudder	12 1/4 knots
Speed of Vessel	Balanced. Supported
RUDDER—Type	59"
" A x D	11 1/2"
" Diam. of head	9 1/2" x 1 1/2"
" Mainpiece at top pintle	6" x 6"
" " heel	cast steel frame
" how constructed	cast steel frame
" double or single plate coupling, vertical or horizontal	cast steel frame

STIFFENERS.	
VERTICAL. HORIZONTAL.	
Scantlings. Spacing. Scantlings. Spacing.	
MIDSHIP BULKHEAD, Upper 'tween decks	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE
" " Second	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE
" " Third	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE
" " Holds	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE
COLLISION (in Hold)	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE
AFTER PEAK	40" x 30" 3/2" x 38" 2 1/2" x 2 1/2" Lower DE

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 No particulars available - vessel built under supervision of the Director
 General of Shipbuilding & Repairs.
 Has the Steel been tested as required by the Rules?

EQUIPMENT No.

LETTER

ANCHORS.

ANCHORS.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	DESCRIPTION OF ANCHOR.	MAKERS.	WHERE AND WHEN TESTED, AND SUPERINTENDENT.
1st Bower	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts.			
2nd "							
3rd "							
Collective weight							
Stream							

CHAIN CABLES.

HAWSERS AND WARPS.

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. Fathoms. Ins.	Stations. Break. ing. Tons.	Supplied. Per Rule. Cwts. qrs. lbs.	Length. Diam. Fathoms. Ins.					Length. Cir. Fathoms. Ins.	Length. Cir. Fathoms. Ins.	Length. Cir. Fathoms. Ins.
165 1 3/2" (Main)	No other particulars available							166 2"	✓	
								20 3"	✓	
								10 1 1/2"	✓	
								20 33 5" manilla.		

gear, Type (Power or hand)	Steam Steering Gear - Donkins.	Alternative Means of Steering	Local hand control.
Chains (Size and Test)	Windlass	Steam - J.S. Deig. - Gimsby Boats	20 22-0 x 7.25 x 2.8.
Holds, thickness and material	None	Cargo Battens, thickness, material and spacing	None.
Hatchesways. (Upper Deck)	(to be fitted).	Thickness of Hatches	
Hatchesways No. 1 (Fwd.)	No. 2	No. 3	No. 4
No. 5	No. 6		
of Shifting Beams			
Fore and Afters			

Builder's Signature

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 (where required to be inserted in the Notation).

A special survey has been carried out on this vessel in conformity with the Society's Rules and Regulations and the Secretary's orders. The scantlings and arrangements have been compared with, and are in accordance with or equivalent to, those shown on the Classification Section, Profile Deck, Shell plan and Pillars and Girders submitted from this office 2nd June, 1950.

Windlass and steering gear have been tested under working conditions and found satisfactory.

Amount of Entry Fee	£ : :	Fees applied for,
Special Survey Fee	£ : :	Received by me,
Travelling Expenses, if any	£ : :	

Whether the Vessel has been built under Special Survey

Date to be sent to

Date of issue

Committee's Minute

Factor assigned

TUES. 15 MAY 1951

Deferred for Completion

Signature
Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded to the Plans should be embodied.)

No sister vessel - originally Bassett Type Frigate.

see "FRITHA"

PARTICULARS OF ELECTRIC WELDING (if employed) None.

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

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

1st Bower

2nd "

3rd "

Not available.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle (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 27' 7 3/4" (Circ. 1611)

Over-all Length (Circ. 1703)

No. and Material of Decks One steel.

Parts of Bottom of Vessel coated with cement or approved composition Boilers Room only.

Particulars of composition (if fitted) and of approval X

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.)

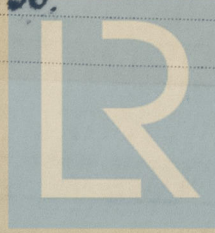
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.	Tons.
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	9.17	✓
Double bottom, if under Engines only,	✓	✓	Deep tank, fresh water, 40' 10"	9.17	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, fresh water, 11' 0"	5.5	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted, Trimming Tank?	✓	✓
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

21, 22, 23, 24, 30 MAY; 19 JUNE; 15 JULY; 30 OCTOBER; 9, 10, 17, 22 NOVEMBER 1950.



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