

18 DEC 1950

Index No. _____
(For London Office only).

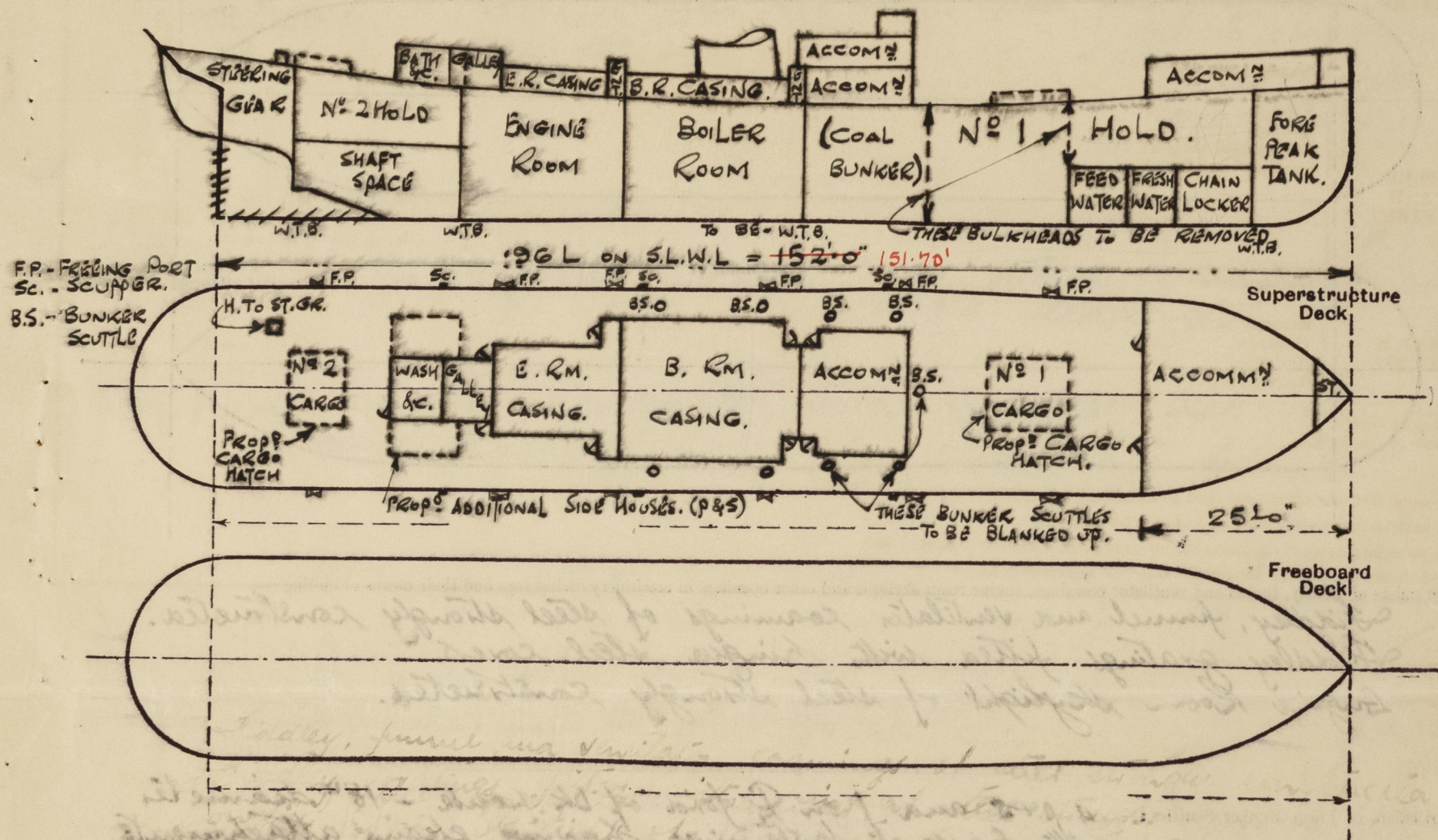
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. (PRELIMINARY)

(CONDITIONS OF ASSIGNMENT.)

Ship's Name **INDIRA** (EX "CALCUTTA") Port of Survey **VIZAGAPATAM.**
 Official Number **X** Surveyor's Signature **J. S. Fathin**
 Nationality and Port of Registry **INDIAN MADRAS?** Date of Survey **November, 1950.**

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

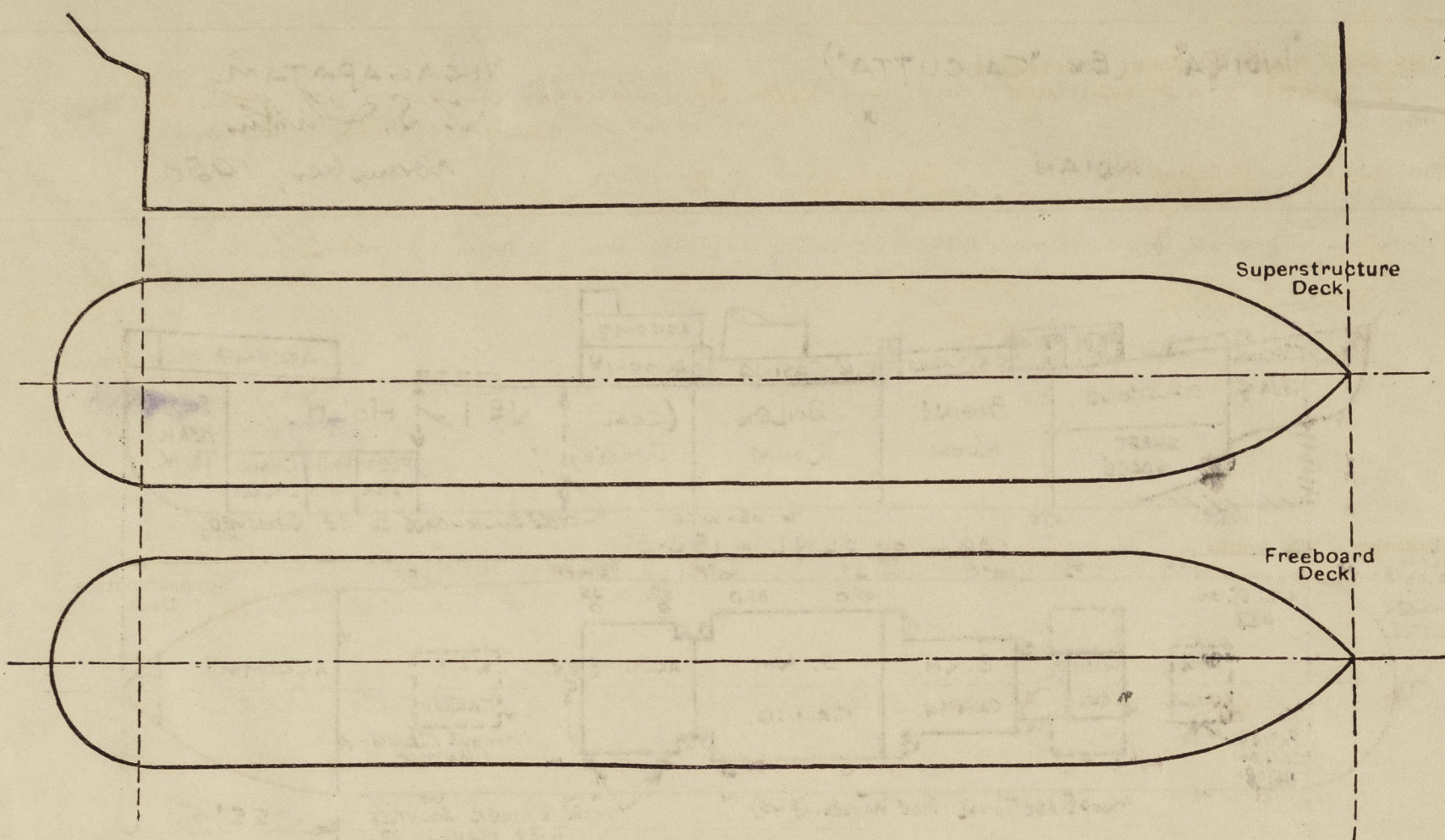
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	✓							
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	✓							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	5/16"	5/16"	3x 3x 25"	34"	None	23 1/2" x 4'9"	15"	6'6"
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	5/16"	1/4"	2x 3x 3/8"	30"	None	4'7" x 25 1/2"	18"	6'0" in way of entrances only.
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓							
Deckhouses on Flush Deck Ships	25	25	3x 3x 5/16"	30"	Bkt. Top only	1@ 4'5 1/2" x 2'3"	15"	6'9"
	25	25	3x 3x 3/8"	24"	Bkt. Top & Bottom	2@ 4'7 1/2" x 2'0"	18"	8'0"

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	✓
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	2 steel hinged doors 4'9" x 23 1/2", 15" sill, operable both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	4 " " W.T. " 4'7" x 25 1/2", 18" " "
Exposed Machinery Casings on Superstructure Decks	✓ 1 - 2 1/2" diam. 15" high
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓ 1 - 2 1/2" " " "
Deckhouses on Flush Deck Ships	Aft - 1 steel hinged door and 2 steel hinged doors in halves - operable both sides. Amid - 2 - wood hinged doors - operable both sides.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of hiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Hiddle, funnel and ventilator coamings of steel strongly constructed.
Hiddle gratings fitted with hinged steel covers.
Engine Room skylight of steel strongly constructed, with small diameter thick glasses having steel protecting covers.

Particulars of Flush Bunker Scuttles:— 4 p+s and 1 on L. side of Dk. lower - 18" diameter with bayonet fastenings, having chain attachments.
(Note: The 5 forward scuttles will be dispensed with on account of bunker alterations.)

Particulars of Companionways:— None.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Forecastle Deck:— 2.8" dia. C.V. to Crew Space 36" x 28" coamings (to be increased to 36" x 30").
4(p+s) 4" M.V. (Screw down W.T. type) to crew space.

Upper Deck:— Existing ventilators all blanked at this time. Holds and steering gear compl. ventilation to be arranged.

4 in No 9" dia x 1/4" thick 36" coamings on forward deck } efficient closing appliances.
2 " " 9" " x 1/4 " 36" " " " after deck }
2 " " 6" " x 30 " 36" " " to casing }
flaps to canvas covers

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Fore Peak Tank - 1 - 2 1/2" dia 36" high on Upper Dk. } Air pipes to be increased to 36" high
Fresh Water Tank - 1 - 2 1/2" " 16" " " " } per Sec. 24 para 5 of Rules.
Feed Water Tank - 1(p+s) 2 1/2" " 16" " " " "
After Peak Tank - 1 - 2 1/2" " 15" " " " "
Wood planks & canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

3 (p+s) 8" x 3" openings cut in Upper Dk. stringer angle - compensation angle fitted below.

From Galley - 1 (3 only) 2" dia. N.R. Storm valve.

From W.C's & washplace - 1 (p+s) 1 1/2" dia. N.R. Storm valve
1 (p+s) 2" " " " " "

Note: These valves have yet to be fitted - to be verified during conversion.

Particulars of Side Scuttles:—

In forecastle:— 6 (p+s) 7" dia. strongly constructed having hinged deadlights.

Note:— All existing side scuttles below the Upper Deck level are to be permanently closed by steel plate blanks.

Note:— Particulars of Nos 1 & 2 cargo hatches have been taken from approved working plans - these particulars to be verified during conversion.

Vertical distance of Sill of lowest Side Scuttle above top of keel

20' 4" (approx).

Particulars of Guard Rails:—

Steel bulwarks strongly constructed 3' 3" high all fore and aft.

Particulars of Gangways, Lifelines, etc.:—

Lifelines fitted between Bridge and Forecastle also Bridge to after end.

Note:— Eyeplates to be arranged during conversion.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	all fore & aft.	3' 3"	2' 3" x 12"	6	13.5 sq ft	18.5 sq ft
Forward Well			2' 6" x 9"	3		

State position of each freeing port ... (After Well:— 23' 9" 14' 6" 21' 6" 16' 6" 13' 6" FCSLE END.)
(F. and A. position and height above deck edge) Forward Well:— All 3" above deck edge.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— hinged shutters having brass bushes at hinges.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		Nº 1	Nº 2	STEERING					
Dimensions of Hatchway		CARGO	CARGO	GEAR					
COAMINGS	Height above Deck	24"	24"	18"					
	Thickness	7/16"	7/16"	25"					
	Sides	7/16"	7/16"	28"					
	Ends	7/16"	7/16"	28"					
COAMINGS	Stiffeners	7x3x3/8 BA	None	None					
	Brackets	2@ Sides	2@ Sides	None					
HATCH BEAMS	Number	5 1/2	3 1/8	None					
	Spacing	5' 6"	3' 8"	None					
	Scantling and Sketch	3x3x1/4 18" x 5/16" 18" x 5/16"	3x3x1/4 18" x 5/16" 18" x 5/16"	None					
	Bearing Surface	3"	3"	None					
FORE AND AFTERS	Number	None							
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch								
HATCH COVERS	Material	O.P.	O.P.	W.T. Steel					
	Thickness	2 3/8"	2 3/8"	2 3/8"					
	How fitted	F & A	F & A	25" thick					
	Bearing Surface	3"	3"	with					
Spacing of Cleats		24"	24"	24"					
Number of Tarpaulins		2	2	2					
*Are wood fore and afters steel shod at all bearing surfaces? Are battens and wedges efficient and in good condition? Are tarpaulins in good condition and in accordance with rule requirements? Are lashings provided in accordance with rule requirements?					✓	✓	✓	✓	✓

Particulars of any special features:—

Note:— Particulars of Nºs 1 & 2 cargo hatches have been taken from approved working plans - these particulars to be verified during conversion.

ACCESS TO FORE PEAK manhole 12" x 17" - cover 5/16" thick with 20-3/4" studs compensating ring welded to underside.

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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