

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
ON UPPER DECK												
Description of Hatchway			To	To	To	To	INSIDE FEELE TO FEELE STORE.	TO BUTTERWORTH PUMP ROOM.	ON POOP DECK.			
Dimensions of Hatchway			CARGO TANKS	CARGO HOLD	CARGO BUNKER	CORRIDOR	TO FEELE STORE.	FORWARD PUMP ROOM.	TO STORE.			
COAMINGS			Height above Deck ...									
COAMINGS	{	Thickness ...										
		Stiffeners ...										
		Brackets, Stays ...										
HATCH BEAMS	{	Number ...										
		Spacing ...										
		Scantling and Sketch ...										
		Bearing Surface ...										
FORE AND AFTERS	{	Number ...										
		Spacing ...										
		Unsupported Lengths ...										
		Scantling* and Sketch ...										
HATCH COVERS	{	Number ...										
		Thickness ...										
		How fitted ...										
		Bearing Surface ...										
Spacing of Cleats												
Number of Tarpaulins...												
			24 Hatches 4'-0" Dia. Coverings 30"x75" secured w.T. by means of 50" Steel Ringed Cover, Rump packing and 2 Toggles.	Hatchway 14'x9'-0" Opening 30"x50" secured w.T. by means of Ringed Steel Cover 50" Rump packing and 2 Toggles.	4 Hatches 23 1/2" Dia. Coverings 27'-40" secured w.T. by means of 50" Steel Ringed Cover Rump packing and 5 Toggles.	2 Hatches 20 1/2" Dia. Coverings 27'-40" secured w.T. by means of 50" Steel Ringed Cover, Rump packing and 5 Toggles.	Hatchway 3'-0"x36" Opening 12'-40" secured w.T. by means of 40" Steel Ringed Cover, Rump packing and 7 Toggles.	2 Hatches 23 1/2" Dia. and 12@27" Dia. Coverings 30"x44" secured w.T. by means of 50" Steel Ringed Cover, Rump packing and 5 Toggles.	There are 53 Openings for Water and Tank Cleaning operation in Upper Deck each 12" Dia. closed by 15" completely secured w.T. by means of packing and cleat spreaders.			
			Hatch 8'-6"x5'-6" Opening 30"x40" secured w.T. by means of Steel Ringed Cover Rump packing and 5 Toggles.							Hatch 8'-6"x5'-6" Opening 30"x40" secured w.T. by means of Steel Ringed Cover Rump packing and 5 Toggles.		
									24" Dia. Hatch (Mechanical type cooling handle) Plank with wood deck, secured w.T. by means of secured steel cover.			

*Are wood fore and afters steel shod at all bearing surfaces?

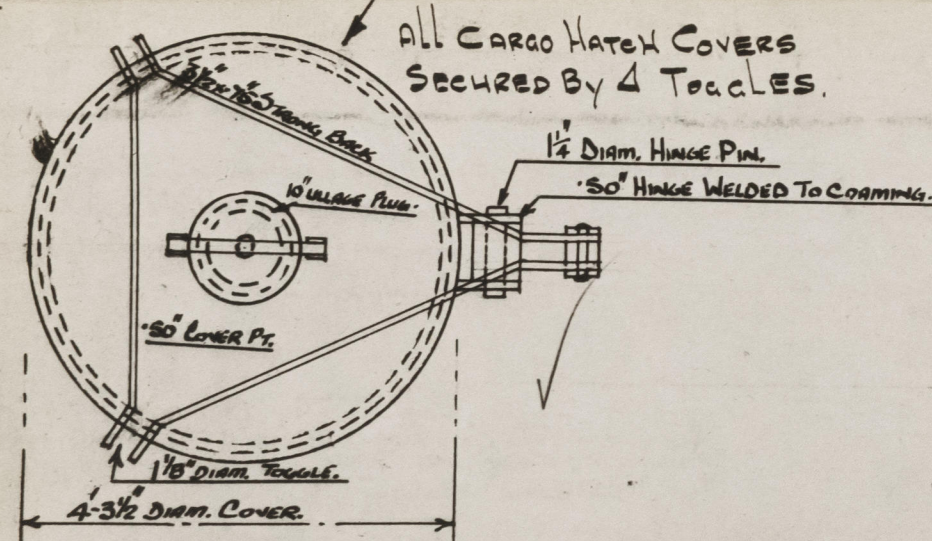
Are battens and wedges efficient and in good condition?

Are tarpaulins in good condition and in accordance with rule requirements?

Are lashings provided in accordance with rule requirements?

- *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:-



Rpt. C.11.

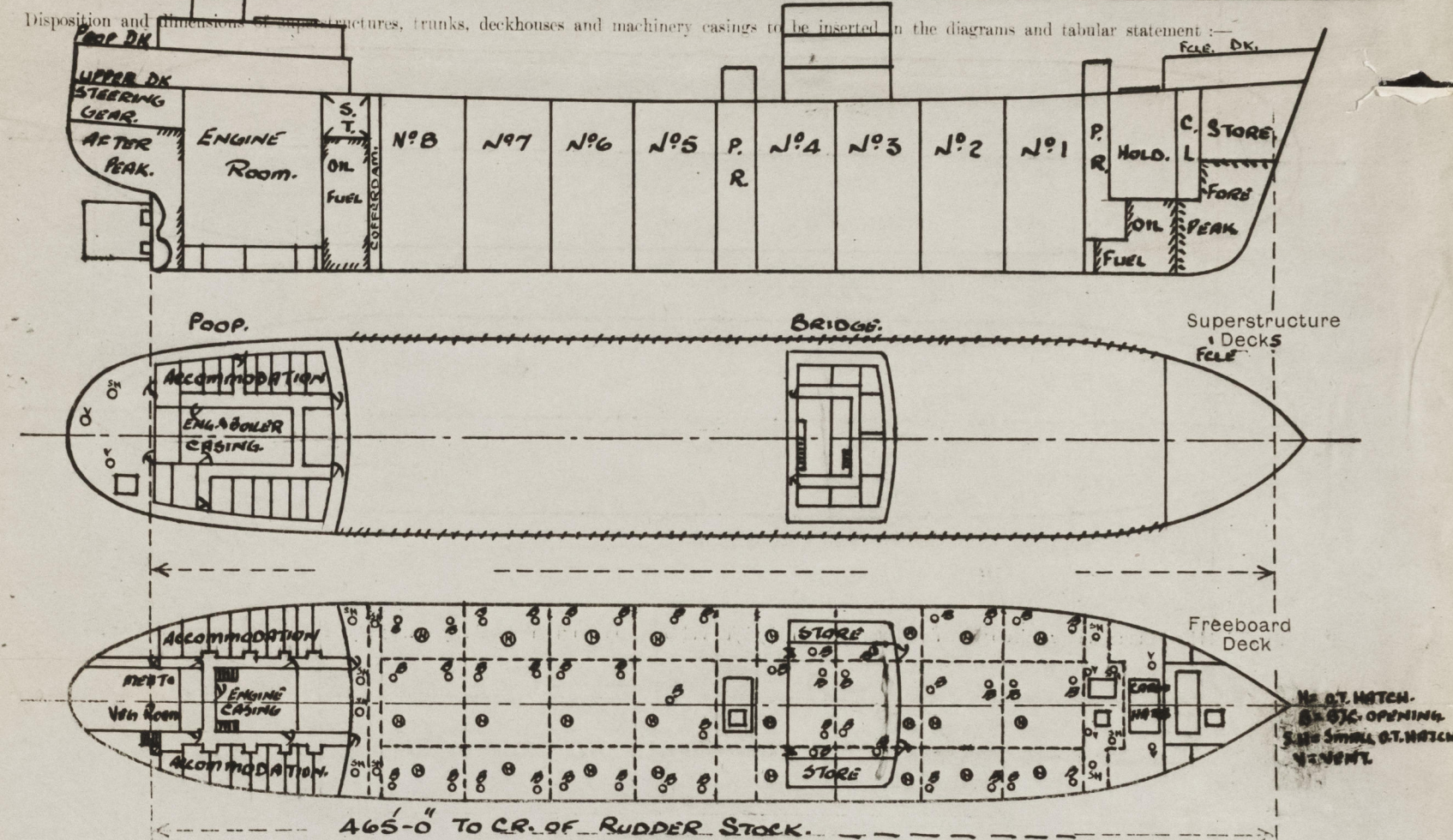
9-JUNE-1962
SUNDERLAND RPT. NO. 35836

Lloyd's Register of Shipping.

Index No.
(For London Office only.)

SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

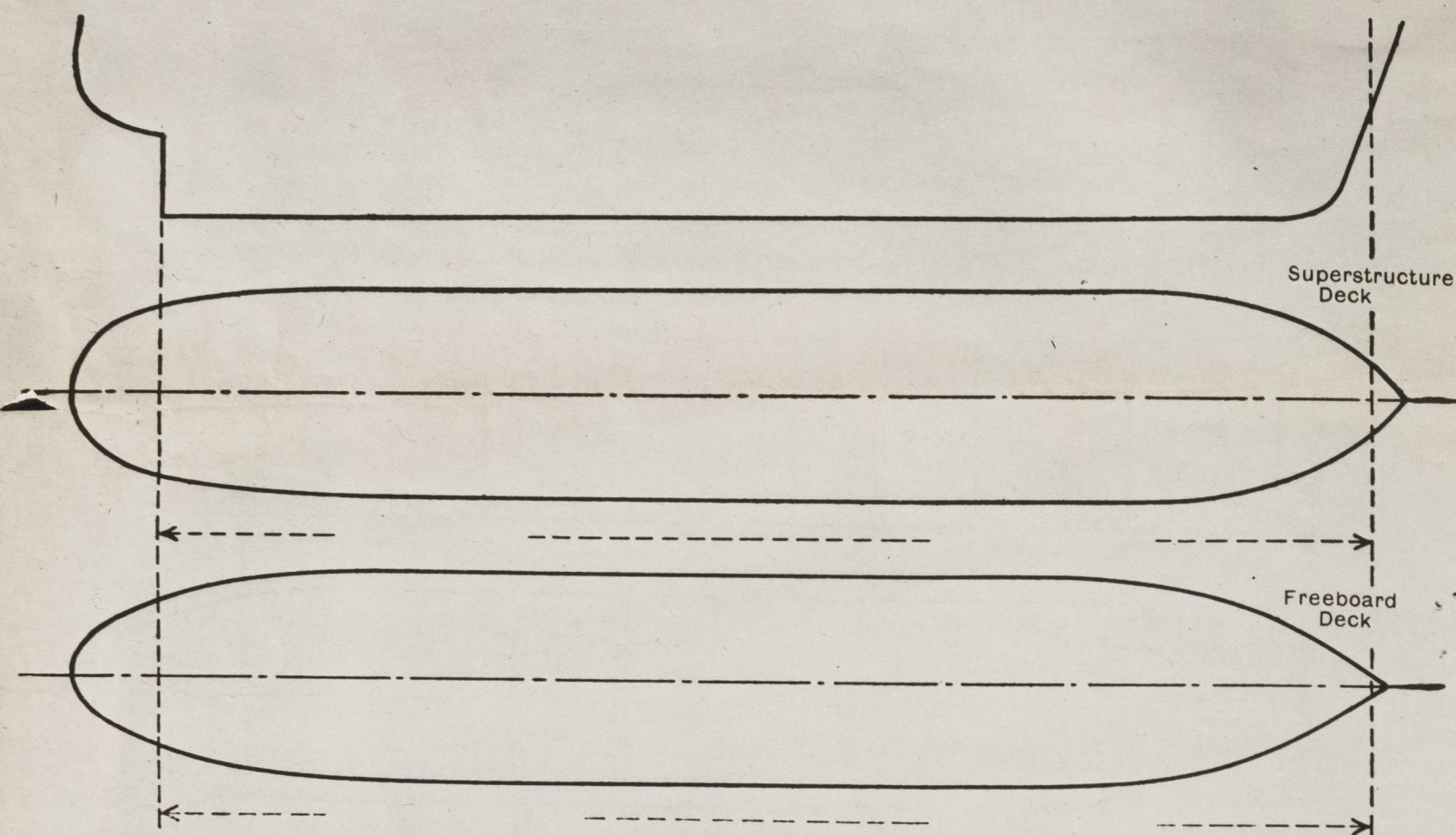
Ship's Name **"CALTEX DELHI"** Port of Survey **SUNDERLAND.**
Official Number _____ Surveyor's Signature **Noel F.H. Dineen**
Nationality and Port of Registry **BRITISH. LONDON.** Date of Survey **DURING CONSTRUCTION.**



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	44"	44"	10"x3 1/2"x40 L	30"	BKTS TOP LUGS BTM.	5'0"x3'0" (2)	18"	8'-0"
Raised Quarter Deck Bulkhead	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	30"	30"	4 1/2"x3"x34	30"	BKTS TOP BTM.	5'0"x3'1" (2)	18"	8'-0"
Bridge, Forward Bulkhead	44"	44"	10"x3 1/2"x40 L	30"	BKTS T.B.	5'0"x3'0" (2)	18"	8'-0"
Forecastle Bulkhead	30"	30"	4 1/2"x3"x34	30"	BTMS. W.	5'0"x4'0" (1)	18"	8'-0"-11'-0" (SEE SKETCH)
Trunk, Aft	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓	✓	✓	✓	✓	✓	✓	✓
Deckhouses on Flush Deck Ships	✓	✓	✓	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓	✓	✓	✓	✓	✓	✓	✓
Deckhouses on Flush Deck Ships	✓	✓	✓	✓	✓	✓	✓	✓

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

Funnel, Vent coamings and Engine Room skylight strongly constructed of steel, no fidley openings
Engine Room skylight fitted with hinged steel flaps operated by means of hand quadrants.

Particulars of Flush Bunker Scuttles:—

None fitted.

Particulars of Companionways:—

Main Pump Room Entrances (Amidships) Openings 4'3" x 2'3" sill 24" fitted with hinged steel w.T. Dows operated from both sides
Pump Room Entrance (Forward) Opening 4'3" x 2'3" sill 24" fitted with hinged steel w.T. Dows operated from both sides.
Pump Room Entrances strongly and efficiently constructed of steel and fitted with skylights with hinged steel flaps.
Entrances to deckhouses on Pop. Dk. strongly constructed enclosing gun stairways leading to accommodation on upper Dk.
6 @ 5'0" x 2'3" sills 18" closed by means of hinged steel w.T. Dows operated from both sides.

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

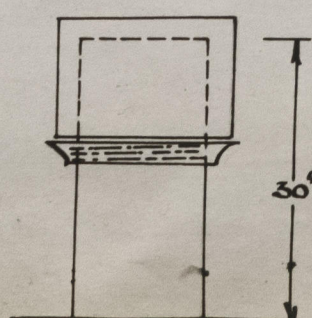
6 Owl Vents on Upper Deck.
2 Danish Post Vents 30"0" x 50" with brackets to upper Dk and Pump Rm entrance, also fitted with and have mushroom top.
2 Owl Vents to Main Pump Rm 5'0" x 4'0" supported by Bts to upper Dk (18" Diam).
2 " 24" Diam Coamings 9'0" x 4'0" supported by Bts to Fore Mast (To Cargo hold)
On Pop. Deck.
2 Owl Vents 6" Diam Coamings 30" x 30" to Steering Gear Comp.

All Owl Vents closed by means of wood plugs and Canvas covers.
Excluding Danish Posts.

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

Air Pipes of Patent Type, and closed by means of screwed flange.

10 On Pop. Deck.
4 On Fore Dk.



Particulars of Gangway Cargo and Coaling Ports:—

Caltex Delhi.

None fitted.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers and Discharges from midship accommodation led thro' ship side P.S. and fitted with non return valves.
Scuppers from Pop. accommodation led thro', ship side below freeboard deck and fitted with automatic non return valves at shell, of substantial and efficient construction.
Scuppers from Centre Castle Store space led thro', aft. Bridge Btl, P.S. and fitted with permanently attached screwed plugs.

Particulars of Side Scuttles:—

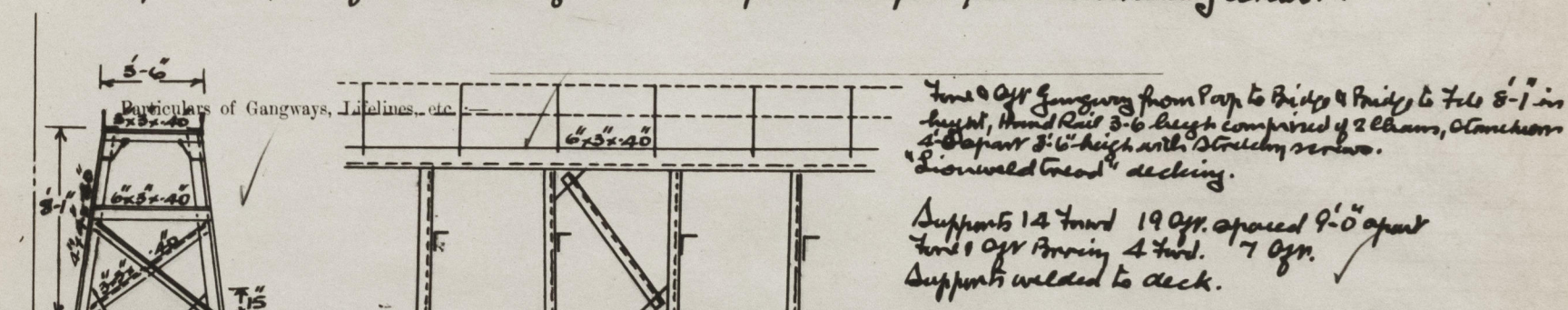
16" Diam. Side Scuttles fitted aft in way of Crews accommodation and also in way of store space amidships
All of substantial construction and fitted with permanently attached deadlights.

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

4'0"

Particulars of Guard Rails

Steel Bulwarks of strong and efficient construction at sides and front of Bridge, Guard rails at aft end of Bridge deck comprised of 3 Rails 3'6" high, stanchions spaced 4'6" apart. Guard Rails around Fore 3 Rails 3'6" high with stanchions spaced 4'6" apart.
Guard Rails around Pop. Dk. comprised of 3 Rails 3'6" high stanchions 4'6" apart. Guard Rails between Fore & Bridge Mast and Fore Mast and Pop. Mast comprised of 2 Chains 3'6" high stanchions spaced 4'6" apart fitted with stretching screws.



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 ...	Open Rails, for details of Bulwarks, Rails and Freeing Ports see sketch below.					
Forward Well ...						

State position of each freeing port ... } After Well:— } See sketch below, height above deck edge 10"
(F. and A. position and height above deck edge) } Forward Well:— }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—

Additional area where sheer is less than standard.

