

Lloyd's Register of Shipping.

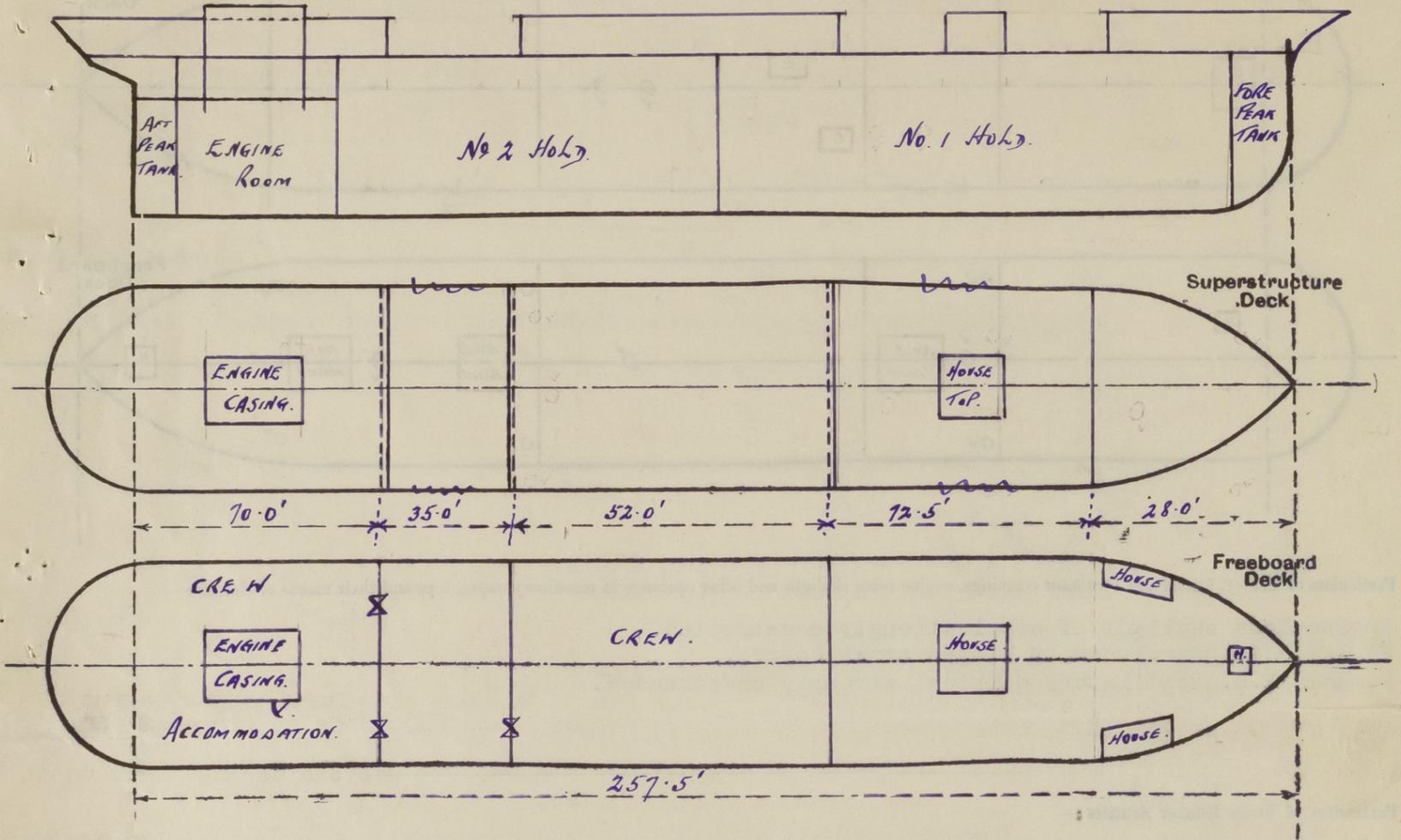
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

Ship's Name "FOZ DO DOURO" Port of Survey PHILADELPHIA, PA.
 Official Number _____ Surveyor's Signature H. H. Gibbs
 Nationality and Port of Registry Portuguese - Oporto Date of Survey During Alterations

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.

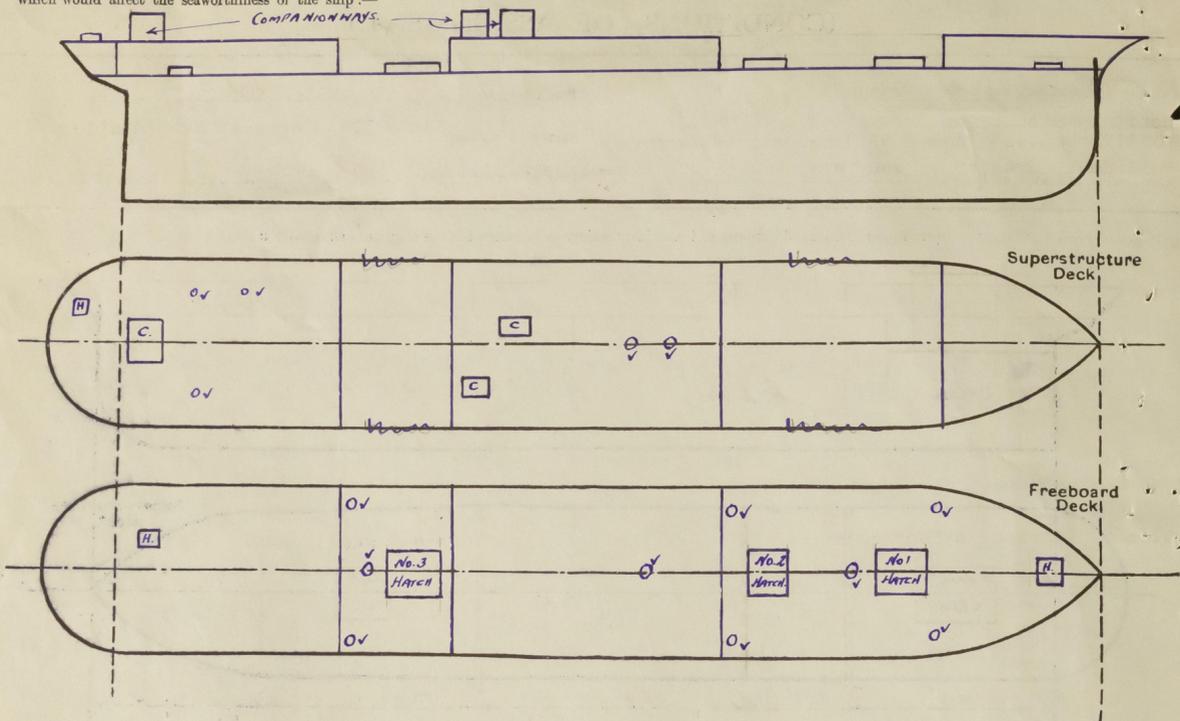
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead42	.40				4'6" x 2'0"	17"	7'0"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead30	5x3x .40L	30"	None	5'1" x 2'0"	15"	7'4"
Bridge, Forward Bulkhead36	6½x3x .46L	30"	Lugs T.&B.	None		7'4"
Forecastle Bulkhead								
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks36	3½x2½x .35	24"	None	None		1'9"
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	Hinged Steel Watertight doors capable of being operated from both sides.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead	Hinged steel door capable of being operated from both sides.
Bridge, Forward Bulkhead	No openings
Forecastle Bulkhead	Open
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	
Exposed Machinery Casings on Superstructure Decks	No openings in sides of casings.
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:-

Engine Room skylight of steel strongly constructed.
Fidley openings closed by hinged steel covers.
Funnel, E.R. ventilators of steel strongly constructed.

Particulars of Flush Bunker Scuttles:-

None

Particulars of Companionways:- 2 companionways on bridge deck each 6'6" x 3'7" x 6'11" of steel, strongly constructed each fitted with a strong wood door capable of being operated from both sides - sill 13 1/2" above wood deck.
Similar companionway on poop deck leading to saloon.

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

Forward Well

2 ventilators 6'6" x .30 coaming x 12" dia. To Tw. Decks, coamings stayed to forecastle deck.
1 ventilator 28" x .30 coaming x 18" dia. To hold and tween decks.
2 ventilators 33" x .30 " x 17" " To hold.

Bridge Deck

1 ventilator 30" x .30 coaming x 18" dia. to Hold.
1 " 12" x .30 " x 12" " to Accommodation.

Ventilators closed by wood plugs and canvas covers.

After Well

2 ventilators 30" x .30 coaming x 17" dia. to Hold.
1 " 30" x .30 " x 15" " " " "

3 cowl vents on poop 36" coaming x .25 x 9" dia. to accommodation.

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

Air pipe to Fore Peak 2" dia. x 18" above deck - closed by wood plug.
2 air pipes to oil fuel tanks 4" dia. x 60" above wood deck.
2 air pipes to F.W. Tanks 4" dia. x 75" above wood deck.

Closed by hinged steel covers and gauzes.

Particulars of Gangway Cargo and Coaling Ports:-

None

Particulars of Scuppers and Sanitary Discharge Pipes:-

Sanitary discharges from after accommodation fitted with bronze valve chests at ship's side with N.R. valves - about 2'6" below freeboard deck.
Well decks drained by scuppers cut through sheerstrake plating.
Overflows from fore and after peak tanks led above Freeboard deck and fitted with N.R. Valves.

Particulars of Side Scuttles:-

Side Scuttles of strong construction and fitted with hinged steel deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 30'3"

Particulars of Guard Rails:- Rails and stanchions around poop bridge and forecastle decks, 2 tier with Teak rail on top. Stanchions 4'6" apart.
Well decks protected by strong steel bulwarks.

Particulars of Gangways, Lifelines, etc.:-

Strongly constructed gangway fitted over after well deck.

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	35.0'	5'2"	36" x 24"	2	12	10
Forward Well	72.5'	5'2"	36" x 24" 30" x 24"	1 2	16	14.5
State position of each freeing port (After Well:- 25'4" 6'9" Bridge Bulkds 4'10" 13'6" 30'6") (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:- Original freeing ports fitted with hinged steel shutters - new freeing ports with horizontal bars.						
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	No. 3	Under Fo'cle					
Dimensions of Hatchway	6'x6'	20'x12'	12'x10'	2'10"x2'6"					
COAMINGS	Height above Deck	24½"	25"	25"	15½"				
	Thickness	.38							
	Stiffeners	None							
	Brackets, Stays	None							
HATCH BEAMS	Number	None	1	1	None				
	Spacing	None	10'0"	6'0"					
	Scantling and Sketch	None							
Bearing Surface		3"	3"						
FORE AND AFTERS	Number	1	3	1					
	Spacing	at center	3'0"	at center					
	Unsupported Lengths	5'7½"	9'7"	5'7"					
	Scantling* and Sketch		7½"x5¾"	6"x7½"	None				
	Sides D x B		7"x7¾"	6"x7½"					
Center D x B	6"x7½"								
Bearing Surface	2¼"	2¼"	2¼"						
HATCH COVERS	Material	Wood							
	Thickness	2½"							
	How fitted	Athwart							
	Bearing Surface	1½"	1-5/8"	1½"	2"				
Spacing of Cleats	22"	25"	22"	18"					
Number of Tarpaulins	2	2	2	2					

Hatchway on Poop to Steering Gear
3'9" x 2'10" with coaming of wood 6" in height. Fitted with strong wood cover secured by strong back.

*Are wood fore and afters steel shod at all bearing surfaces? Yes
 Are battens and wedges efficient and in good condition? Yes
 Are tarpaulins in good condition and in accordance with rule requirements? Yes
 Are lashings provided in accordance with rule requirements? Ringbolts for lashings fitted.

Particulars of any special features:—

This vessel has been fitted with Twin Screw Diesel Engines and the necessary structural alterations made to the Hull, including the fitting of new steel bulkheads at frames 8, 34, 77.

The new tonnages have not yet been measured officially. It was stated that this would be done at Lisbon by the Portuguese Government Authorities.

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.

H.H. Gibbs

Fee - \$100.00