

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "EMPIRE BARBARA"

Port of Survey Hull

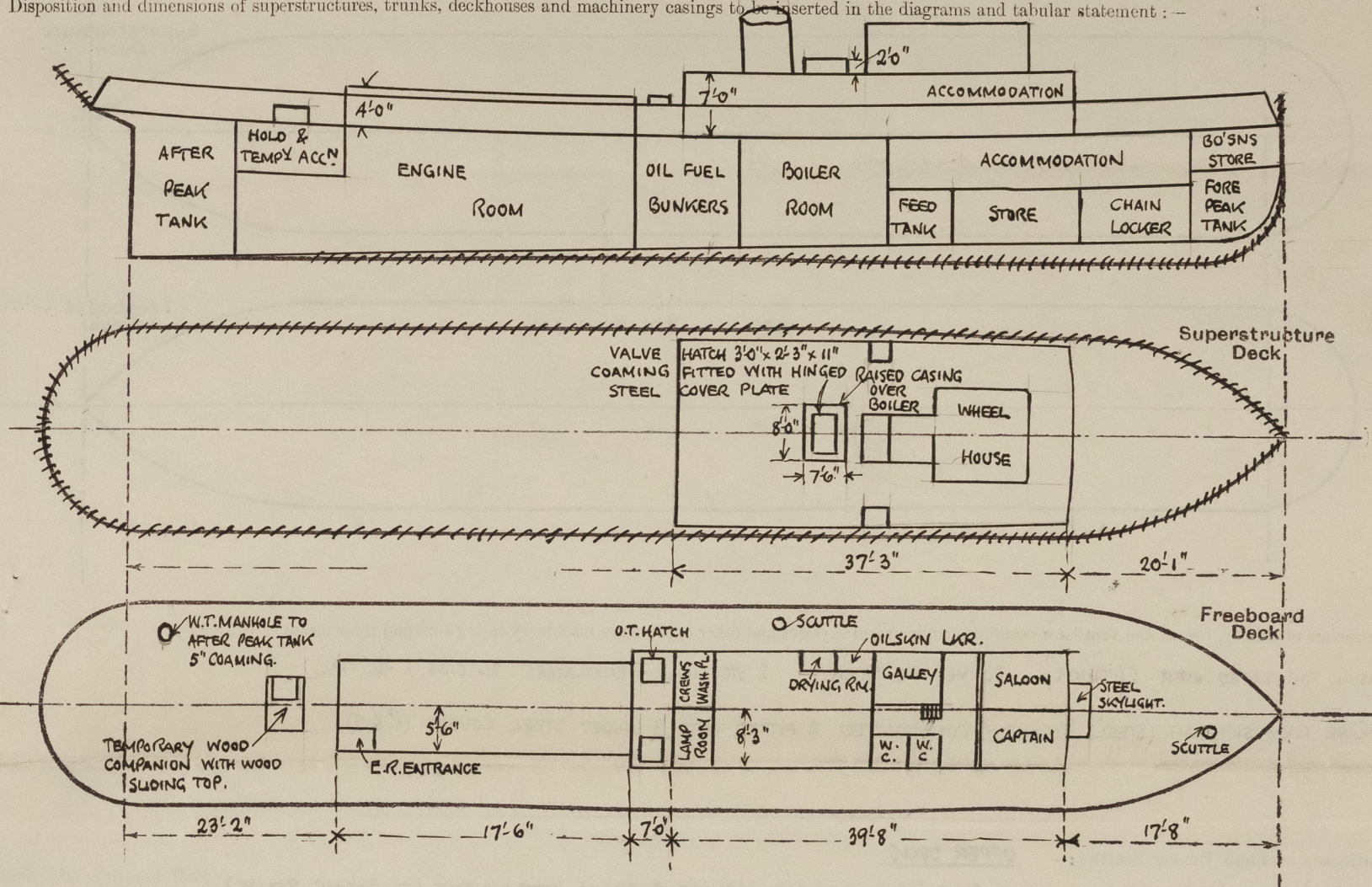
Official Number 180320

Surveyor's Signature W. Macleod

Nationality and Port of Registry BRITISH - HULL.

Date of Survey During construction

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 ...	✓							
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	✓	28	3" x 2 1/2" x 30"	30"	BKTS AT TOP	2'6" x 2'3"	18"	4'0"
Exposed Machinery Casings on Superstructure Decks ...	31	26	6 x 3 x 140 } 3 x 2 1/2 x 30 }	ABT. 36"	" " "	4'9" x 1'9"	19"	7'0" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	26	✓	3 x 2 1/2 x 30"	30"	" " "	✓	✓	2'0" ✓
Deckhouses on Flush Deck Ships ...	✓	26	3 x 2 1/2 x 30"	30"	BKTS AT TOP	4'9" x 1'9"	18"	7'0" ✓

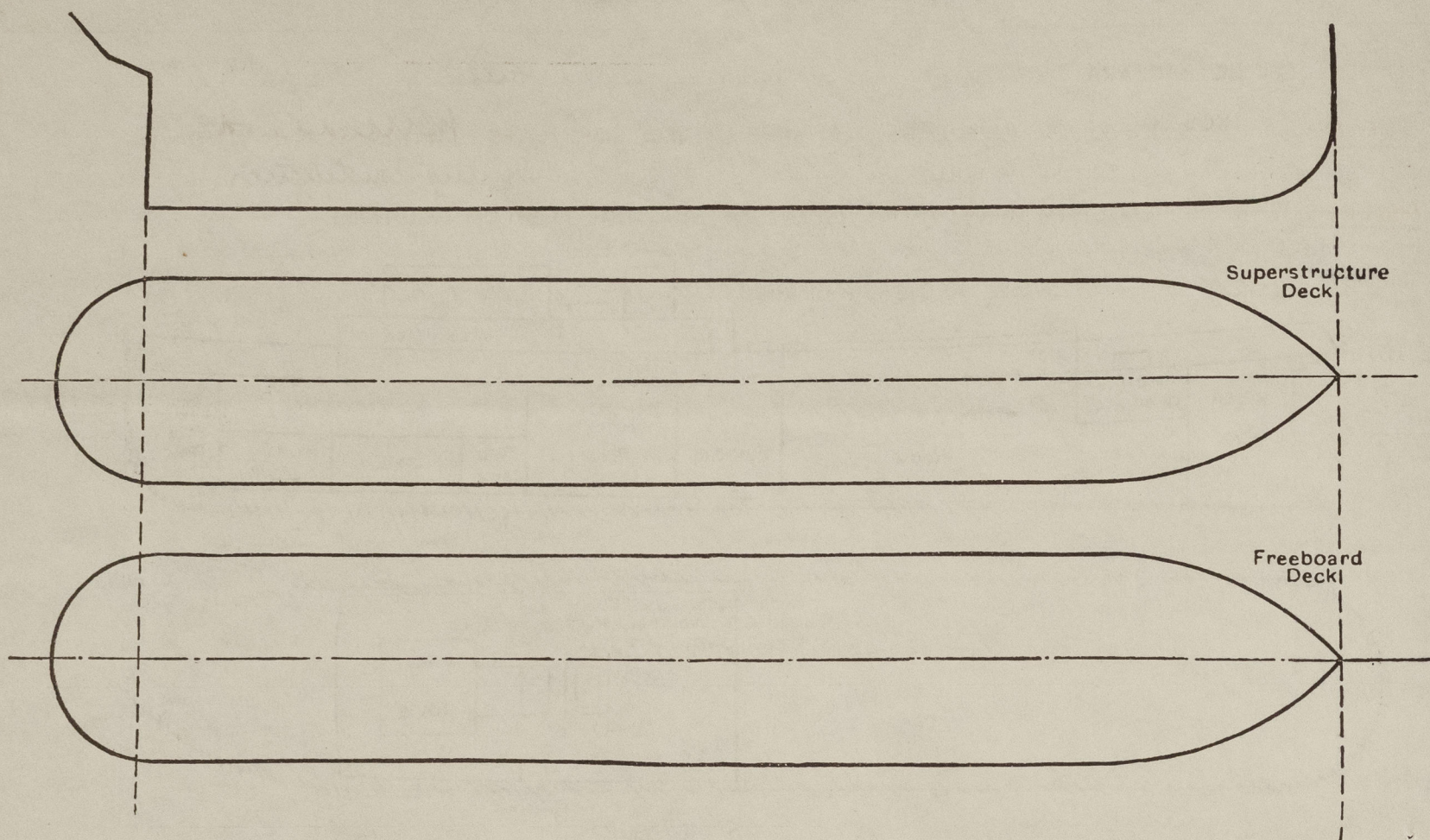
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	TO BOILER ROOM - 2 STEEL DOORS (STD) & 1 ON PORT SIDE 4'9" x 1'9" - 19" SILLS. TO ENGINE ROOM - WOOD DOOR 2'6" x 2'6" x 1 3/8" 18" SILL & FITTED WITH TEAK SLIDING TOP. DOORS OPERATED FROM BOTH SIDES ✓
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	TO SALOON PASSAGE (P. & S) WOOD DOORS 4'7" x 1'8" - 18" SILLS. TO OFFERS & CREWS W.C. (STD) STEEL DOORS 4'9" x 1'9" - 18" SILLS. TO LAMP ROOM & CREWS WASH PLACE - STEEL DOORS 4'3" x 1'9" - 19" SILLS. TO DRYING ROOM & OILSKIN LOCKER (PORT) STEEL DOORS WITH 21" SILLS. TO GALLEY (PORT) STEEL DOOR WITH 18" SILL. ALL DOORS OPERATED FROM 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

CASING TOP PLATED OVER .26 THICK. FUNNEL  $\frac{3}{16}$ " THICK. 2 STOKHOLD VENTILATORS 24" DIAR. X  $\frac{3}{16}$ " THICK.

ENGINE ROOM SKYLIGHT (STEEL) STRONGLY CONSTRUCTED & FITTED WITH 3 HINGED STEEL COVERS (P & S).

Particulars of Flush Bunker Scuttles:— UPPER DECK.

ONE SCUTTLE (S.S. FORWARD) WOOLONS TYPE 20" DIAR. WITH SCREW JOINT & CHAIN ATTACHMENT (TO BO'SN'S STORE).

" " (PORT SIDE) " " " " " " " " (TO GALLEY BUNKER).

Particulars of Companionways:— UPPER DECK

TO ENGINE ROOM (STD) AFTER END CASING 2'6" x 2'6" x 18" SILL WITH HINGED TEAK DOOR & TEAK SLIDING TOP.

EFFICIENT TEMPORARY COMPANION (WOOD) TO TEMPORARY ACCOMMODATION AFT. 5" ABOVE TOP OF HATCH & DECKED OVER WITH  $\frac{1}{2}$ " DOUGLAS FIR.

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

9" DIAR. FRENCH HEAD VENT. ON SKYLIGHT TOP AT FORE END OF DECKHOUSE. 28" FROM SKYLIGHT TOP TO OPENING. COAMING  $\frac{5}{16}$ " THICK.

2-5" DIAR. G.N. VENTILATORS (P & S) TO CREW SPACE FORWARD, 16" TO OPENING. CANVAS COVERS SUPPLIED FOR FRENCH HEAD

1-5" " " (P & S) TO ENG'S & OFF'S CABINS. 16" " " VENTILATORS. WOOD PLUGS SUPPLIED FOR

7" DIAR. FRENCH HEAD VENT. TO ENGINE ROOM (STD). 41" TO OPENING. G.N. VENTILATORS.

7" " " " " " (PORT) 37" " } STAYED TO E.R. CASING.

7" " " " " " (AFTER END) 39" " }

BRIDGE DECK. 4-5" DIAR. G.N. VENTILATORS TO ACCOMMODATION SPACES - 16" TO OPENING.

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

TO FORE PEAK TANK. 2" DIAR. 30" FROM DECK TO OPENING.

" STORE ROOM (P & S). 2" " 29" " " " "

" FRESH WATER TANK (P & S). 2" DIAR. AIR & FILLING PIPE. - 18" FROM DECK TO OPENING. " " "

" BOILER FEED TANK (P & S). 2" " " " " 18" " " " " " "

" AFTER PEAK TANK (P & S). 2" " AIR PIPE. 28" FROM DECK TO OPENING. " " "

" OIL FUEL BUNKERS (P & S). 3" " " " 28" " TOP OF TRUNK TO OPENING.

PROTECTED BY BULWARK. ANTI-SABOTAGE EXTENSION TUBE FITTED

TO ENDS OF AIR PIPES TO TANKS.

CANVAS COVERS SUPPLIED.

AIR PIPES TO OIL FUEL BUNKERS

FITTED WITH 2 GAUZE WIRE

COVERS.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

SCUPPERS. 5-2 1/2" DIAR. SCUPPER PIPES (P & S). LED OVERBOARD THRO' SHIP'S SIDES. 1'4" FROM DECK TO OPENING.

DISCHARGES. 2-4" DIAR. G.M. STORM VALVES TO W.C. (STD). 1'4" FROM DECK TO BOTTOM OF OPENING.

1-2" " " VALVE TO CREW'S WASH PLACE (PORT). 1'0" FROM DECK TO BOTTOM OF OPENING.

Particulars of Side Scuttles:—

NO SIDE SCUTTLES BELOW FREEBOARD DECK.

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

Particulars of Guard Rails:—

STEEL BULWARK ALL FORE & AFT.

Particulars of Gangways, Lifelines, etc.:—

NONE.

## 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 ... ..	105'0"	3'0"	2'4 1/2" x 1'2 1/2"	4		
Forward Well ... ..						

State position of each freeing port ... .. { After Well:— FROM A.P. 20'0" - 32'0" - 47'0" - 68'0".

(F. and A. position and height above deck edge) { Forward Well:— 7'4" ABOVE DECK EDGE.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 2 BARS FITTED.

Additional area where sheer is less than standard.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway ... ..			UPPER DECK HATCHWAY TO HOLD AFT.		TRUNK TOP O.T. HATCHWAY TO OIL FUEL BUNKER (P. & S)				
Dimensions of Hatchway ... ..			5'-0" x 3'-0"		2 - 2'-6" x 2'-6"				
COAMINGS	{	Height above Deck ...	18"		12"				
		Thickness { Sides ...	.375"		.30 ✓				
		Stiffeners { Ends ...	.375" ✓		.30				
		Brackets, Stays ...	NONE						
HATCH BEAMS	{	Number ... ..	NONE		NONE				
		Spacing ... ..							
		Scantling and Sketch ...							
FORE AND AFTERS	{	Bearing Surface ...							
		Number ... ..	NONE		NONE				
		Spacing ... ..							
HATCH COVERS	{	Unupported Lengths ...							
		Scantling* and Sketch ...							
		Bearing Surface ...	DOUGLAS FIR 2 1/2"		HINGED STEEL PLATE .375 THK. SECURED BY 7/8" DIAR. EYEBOLTS WITH G.M. TOGGLES.				
		How fitted (omit) ...	CLOSE LINED 3"						
Spacing of Cleats ... ..			24"						
Number of Tarpaulins ... ..			2						
<p>*Are wood fore and afters steel shod at all bearing surfaces? <i>None</i></p> <p>Are battens and wedges efficient and in good condition? <i>Yes.</i></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <i>Yes.</i></p> <p>Are lashings provided in accordance with rule requirements? <i>Yes.</i></p>									

Particulars of any special features :—

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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