

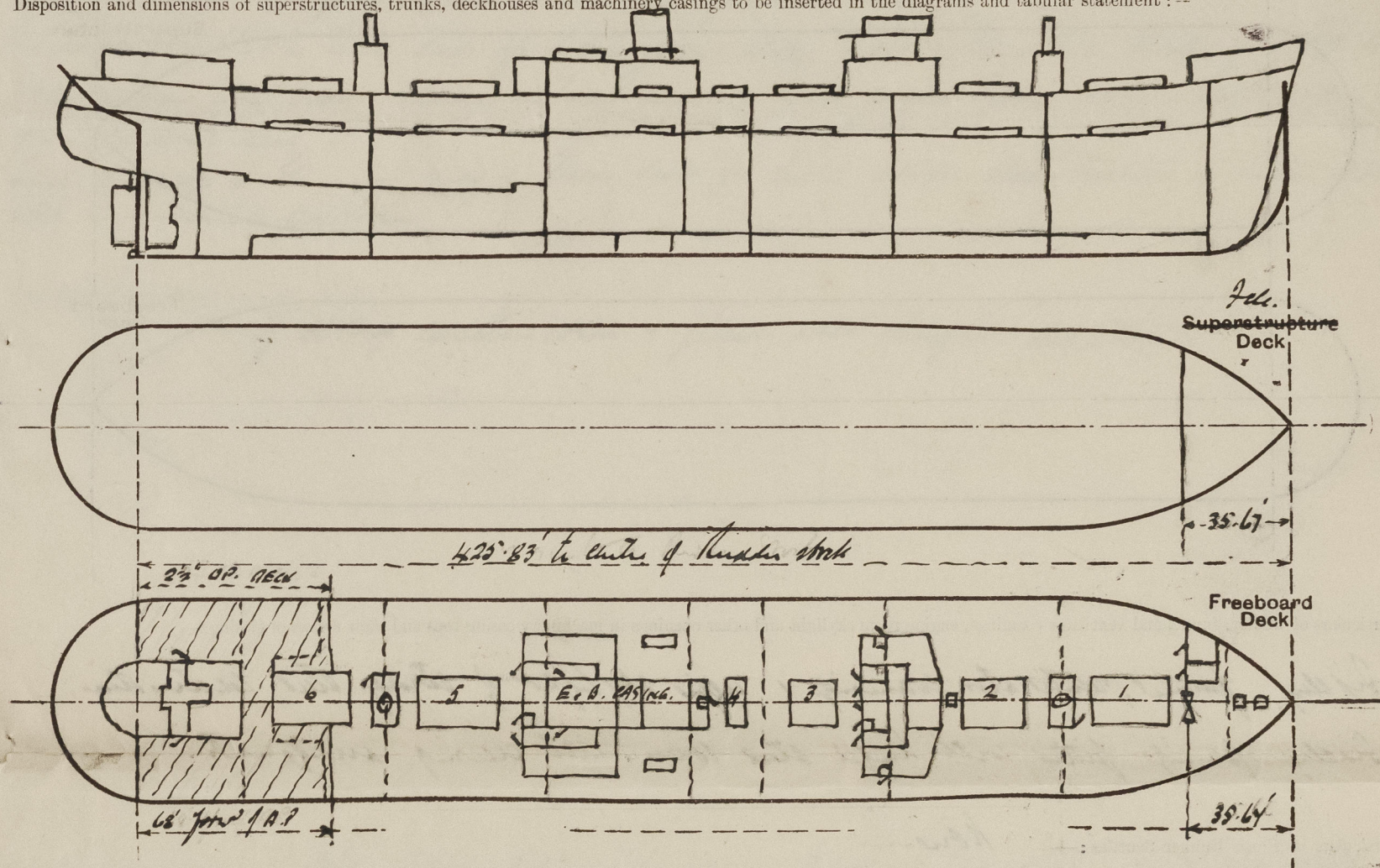
102196 Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

NEWCASTLE-ON-TYNE

10 JUL 1944

Ship's Name *EMPIRE MOULMEIN* Port of Survey *NEWCASTLE-ON-TYNE*
 Official Number *180219* Surveyor's Signature *A. Morris*
 Nationality and Port of Registry *British. South Shields.* Date of Survey *Building.*

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 Bulkhead30	.90	4x3x.32L	30"	-	{ 1@5'x2'3" 1@4'x1'9" 1@5'x4'0"	12" 24" 12"	6'9" ✓
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks40x.35	.30	3 1/2x3x.40L	31"	✓	2@5'x2'3"	24"	4'6" ✓
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓							
Deckhouses on Flush Deck Ships ...	✓	.25	{ 3x3x.35 3x3x.30	36" sides 30" ends.	Rein. L. Deck.	{ 2@5'0"x2' 1@5'x4'	24"	4'6" ✓

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

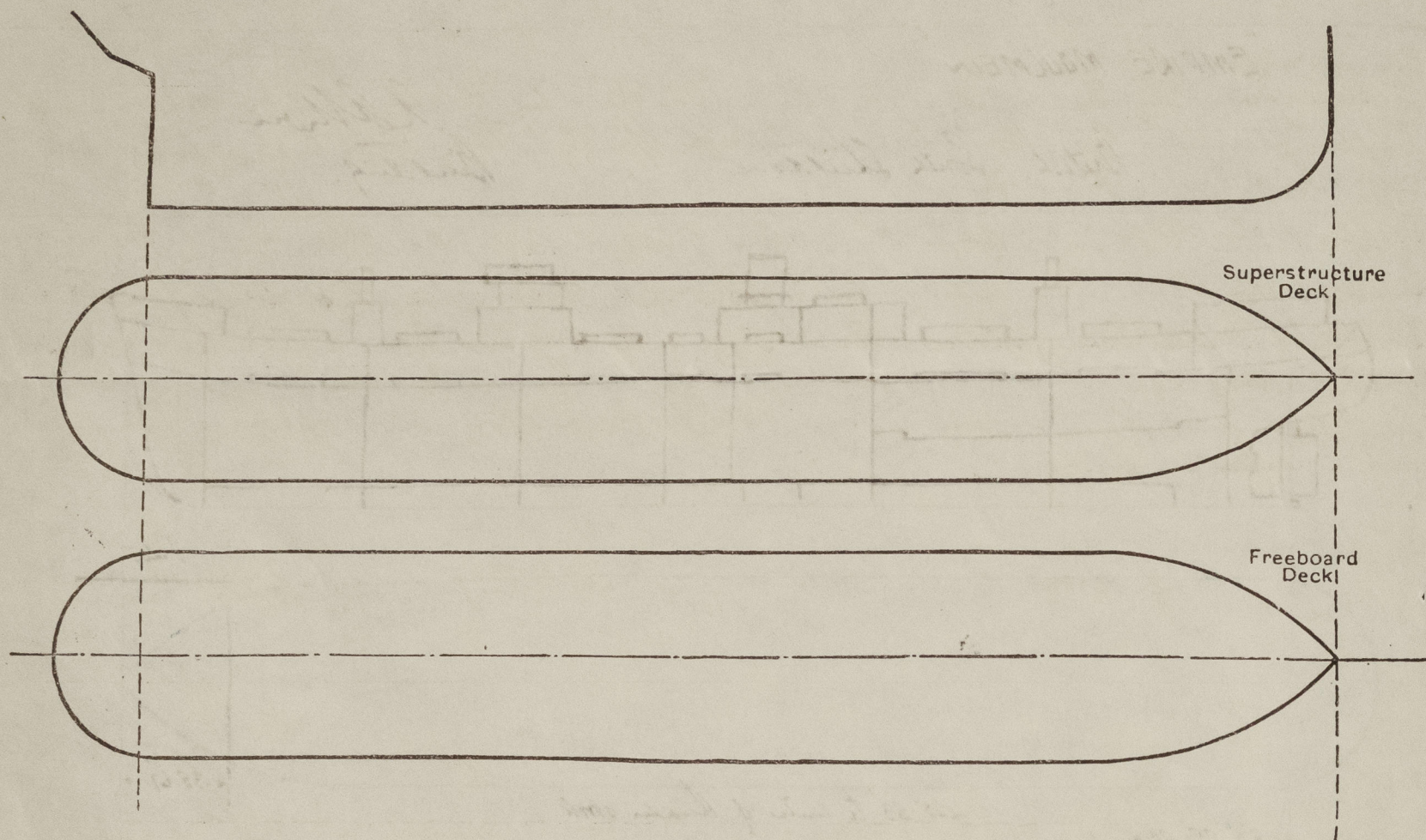
Poop Bulkhead	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Flush Deck Ships ...	✓

*One hinged steel door & one W.M. hinged steel door secured by turnbuckles. Operate both sides.
 One port-hole steel plate secured by hook bolts spaced about 12" apart.*

Two H. Steel W.M. doors & one double hinged steel door with strongback. Operate 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:—

Fiddle, funnel, ventilator coamings & engine skylight of strong steel construction.
Fiddle openings fitted with hinged steel covers with securing arrangements.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:— Access to No. 1 Hatch in fore & aft. main houses, to keel & lower spaces in Saloon House side (P.S.), to No. 3 Hatch in aft end of Saloon House, to No. 4 Hatch in fore end of Bowler casing, to No. 5 Hatch in aft end of Saloon House, all 3' 6" x 6" hinged steel doors secured by turnbuckles, operating from both sides. Little 2' 6" to No. 2 Hatch through 2' 6" x 6" hatch with steel cover secured by turnbuckles. Coaming 9' x 4' 6". To crew aft through steel deck house aft (P.S.). Hinged steel doors operate both ways. Little 2' 6" x 2' 6" this Admiralty pattern hatch scuttles fitted as escape from crew aft. Coaming 6'.

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

All ventilator coamings on fore & main deck forward of 1/2 length 36" in height. Remainder 33" in height.

Coamings constructed to Rule standards & require manhole & closed by wood plugs & canvas covers.

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

Air pipes 36" in height forward of 1/2 length from forward.
" " 33" " aft. " " " "

Air pipes closed by wood plugs & canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from Cargo Tween decks & domestic refuelling spaces led to bilges & fitted with brine traps.
Scuppers from Main Refuelling Machinery Room led through P.W. 55 to bilge room bilges & fitted with self closing cocks & brine traps.

Scuppers & discharges from spaces on or above freeboard deck led to storm valves in Tween decks.

Discharges from bilges in Tween decks aft. led to general storm valves in Tween decks, operated from 1st deck.

Discharges from Wash basin & showers in Tween decks aft. led to general storm valves in hold & operated from freeboard deck.

Sanitary discharges in Gunroom mess in Tween decks aft. led to double storm valves in Tween decks both in accessible positions.

Particulars of Side Scuttles:—

Of strong construction & fitted with hinged dead lights.

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

9' 4" 6"

Particulars of Guard Rails:—

Open rails 3' 6" in height - 3 rods - Stanchions about 5' 0" apart.
Steel bulwarks in way of main deck houses.

Particulars of Gangways, Lifelines, etc.:—

D.S. W.R. lifelines fitted forward & aft. of main deck houses.
Hand rails fitted to house sides.

Particulars of Freeing Arrangements.

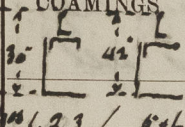
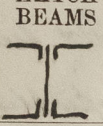
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well						
Forward Well						

State position of each freeing port (After Well:—
(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.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										Casing	Appl. Deck
										Top.	House Top.
Description of Hatchway	No. 1	No. 2 & 3	No. 4	No. 5 & 6	Over Hatch (No. 7)	Fore Peak	Chain Locker	Coal Hatch	Keel Hatch	Keel Hatch	
Dimensions of Hatchway	11'6" x 20'	31' x 20'	12'11" x 20'	31' x 20'	15' x 3'	4' x 3'	2'6" x 2'	5'2" x 20'	2' x 1'9"		
 COAMINGS	Height above Deck	30"	30"	30"	30"	9" 1/2"	9" 1/2"	9"	6"		
	Thickness	45"	45"	46"	45"	44"	40"	40"	40"		
	Stiffeners	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"	2 1/2" x 4 1/2"		
	Brackets, Stays	3	3	3	3	3	3	3	3		
 HATCH BEAMS	Number	5	5	6	5						
	Spacing	5'3"	5'2"	6'2 1/2"	5'2"						
	Unsupported Lengths	16 1/2' x 36'	16 1/2' x 36'	14 1/2' x 34'	16 1/2' x 36'						
	Bearing Surface	5 1/2' x 36'	5 1/2' x 36'	5 1/2' x 34'	5 1/2' x 36'						
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Bearing Surface										
HATCH COVERS	Material	OP.	OP.	OP.	OP.	OP.	OP.	OP.	Hinges		
	Thickness	2 1/2"	2 1/2"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
	How fitted	F.P.A.	F.P.A.	F.P.A.	F.P.A.	F.P.A.	F.P.A.	F.P.A.	W.T.		
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	W.T.		
Spacing of Cleats	24"	24"	24"	24"	24"	18"	18"	24"	24"		
Number of Tarpaulins	2	2	2	2	2	1	1	2	2		

*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? *Yes*

Particulars of any special features:—

This vessel is built of scantlings as approved for an extreme draught of 26' 9"

Deep Loading:— Cargo does not permit loading permitted under Ministry of War Transport Memo. M. 151964/41.

1. Efficient locking bars are fitted to all hatchways on Foreboard Deck.

2. The open lower deck bulkheads are either intact or openings closed by hinges W.T. down.

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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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