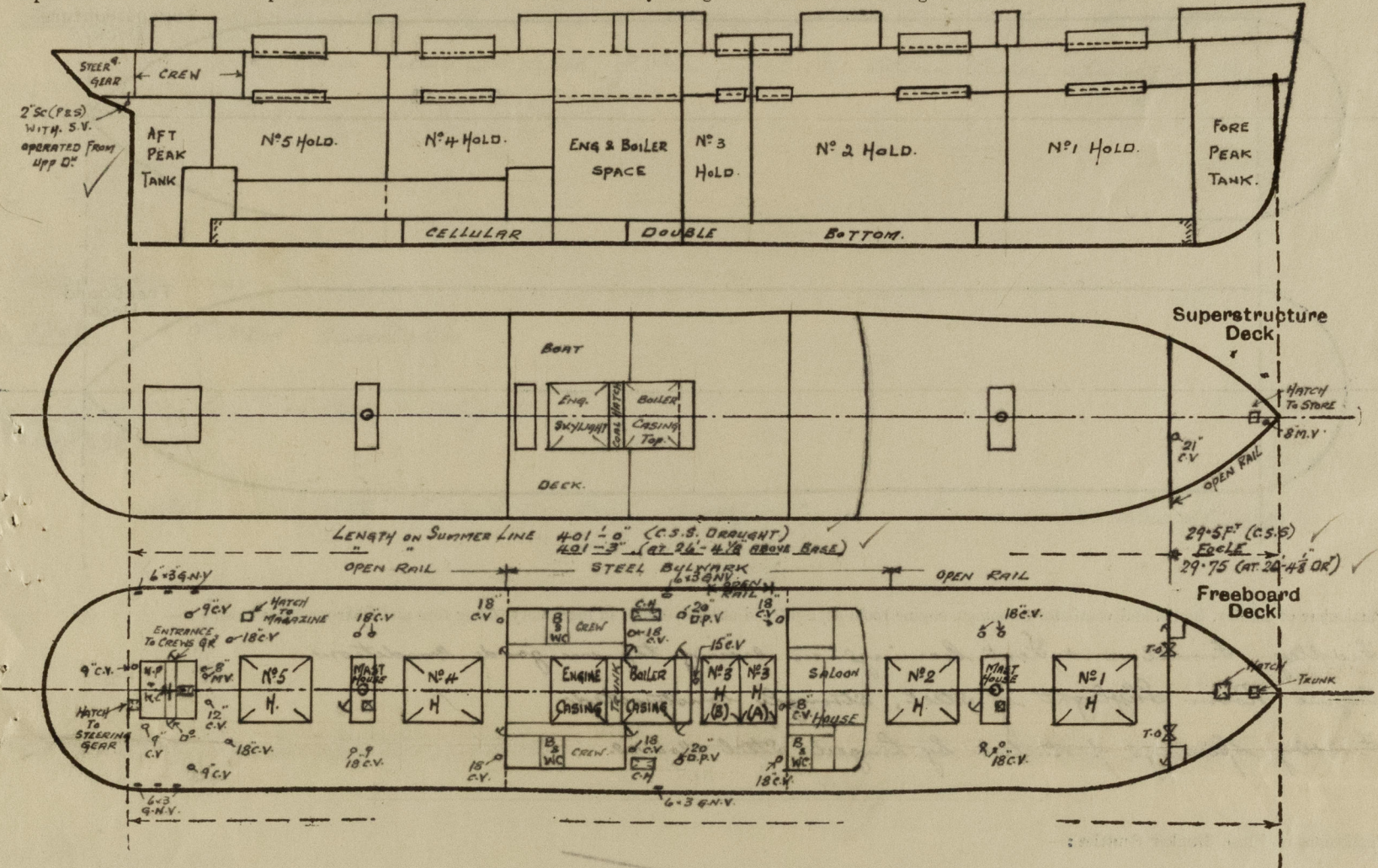


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

Ship's Name "EMPIRE MALLORY" Port of Survey GLASGOW  
Official Number 168684 Surveyor's Signature R. Dundas  
Nationality and Port of Registry BRITISH - GLASGOW Date of Survey while 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 Bulkhead		30 PLATING	ANGLE 5 x 3 x 5/16	30	NONE	1/2 x 4' 9" x 3' 3" 1/2 x 5' 0" x 2' 1"	18" 18"	7' 0" ✓
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	39 x 34	30 ✓	ANGLE 3 x 3 x 3/8	30	BRACKETS AT CASING TOP	4' 6" x 2' 0"	24"	7' 9" ✓
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships								

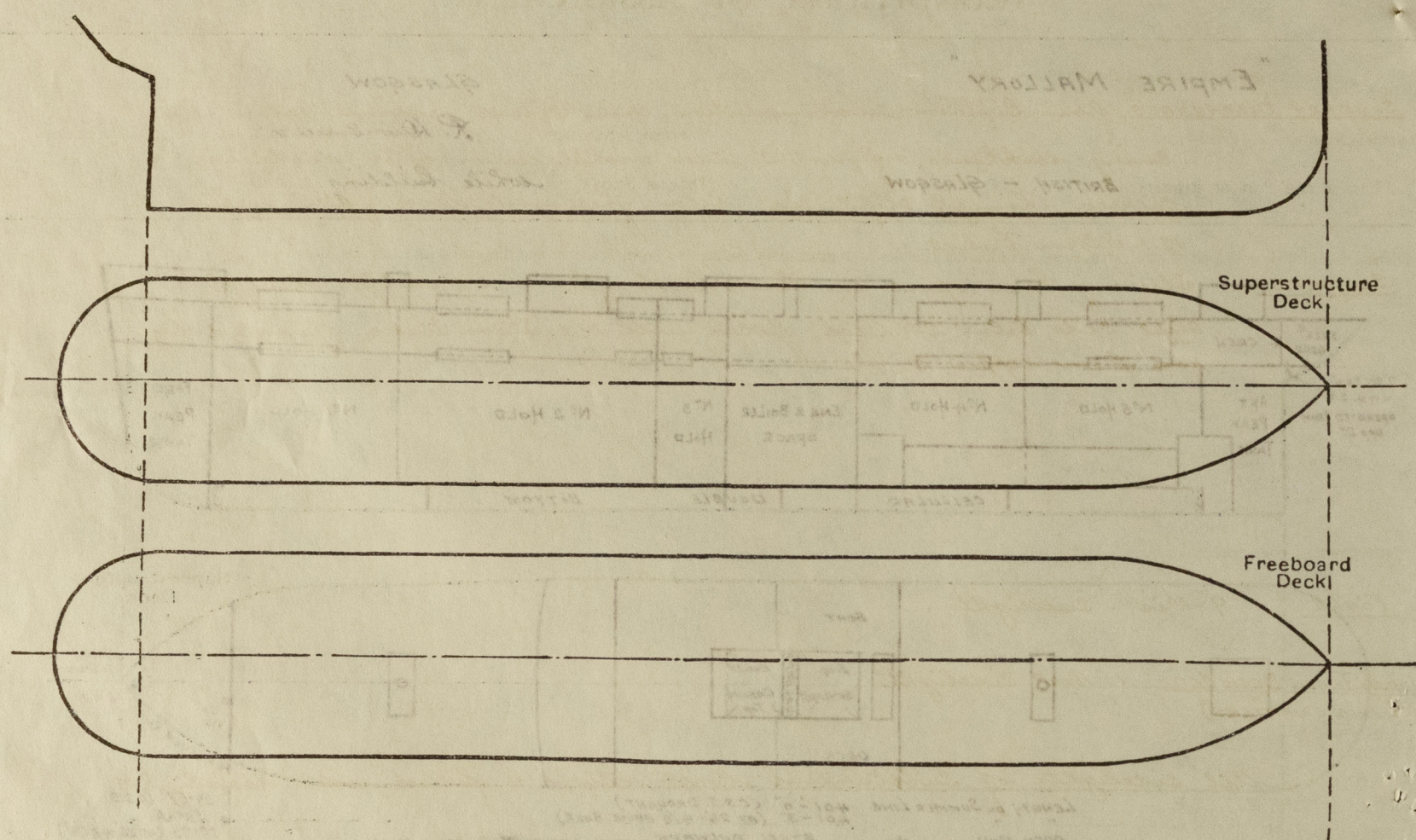
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	3" Shifting boards full height of openings, fitted in channels riveted to bulkhead, and 2 Solid wood doors (hinged) operated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	Hinged Steel 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	



# 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 and Vent Coamings on casing top in good condition.  
Engine Room Skylight of Steel, Strongly Constructed.  
Fiddle Openings protected by Hinged Steel Covers.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:—  
COMPANION TO CREWS QUARTERS IN STEEL DECKHOUSE ON UPPER DECK AFT.

MAST HOUSE FORWARD & AFT ACCESS TO TWEEN DECK.

Solid Hinged teak door 4'-9" x 2'-2" P & S.  
Operated from both sides.  
Sill 27" above deck.

Hinged Steel door 4'-9" x 2'-6" at after end.  
Operated from both sides.  
Sill 18" above deck.

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

**FOCLE DECK**  
1-8" M.V. to peak store, leading 11" x 30, with screw down W.T. top.  
1-21" C.V. to Hold & Tween Deck, leading 36" x 40.  
**UPPER DECK**  
2-18" C.V. abreast forward mast house, leading 36" x 40; 1-18" C.V. (P&S) at end of Saloon House, leading 36" x 40.  
1-8" C.V. (S) at end of Saloon House, leading 36" x 30; 1-20" Derrick Port Vent (P&S) abreast galley, 28" x 40 plating, Port efficiently stayed; 1-15" C.V. at front of galley, leading 36" x 36; 1-18" C.V. (P&S) at front of casing house, leading 36" x 40; 1-6" x 3" G.N.V. (CAST) P&S, leading 36" high; 1-18" C.V. (P&S) at end of casing house, leading 36" x 40.  
2-18" C.V. (P&S) abreast after mast house, leading 36" x 40.  
1-18" C.V. (P&S) at aft end N°5 Hatch, leading 36" x 40.  
1-12" C.V. (S) at front of after deckhouse, leading 36" x 34.  
4-9" C.V. to engine quarters, and 1-9" C.V. to steering gear space, leading 36" x 32.  
2-8" M.V., leading 11" x 30 with screw down W.T. top; 1-16" M.V. leading 8" x 30 with screw down W.T. top.  
3-6" x 3" G.N.V. (P&S) to Tween Deck, leading (cast) 36" high.

All vent Coamings to Rule requirements and fitted with wood plugs & canvas covers.

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

**FOCLE DECK**  
1-4" M.I. to Fore Peak. 18" High  
**UPPER DECK**  
1-3" M.I. at Fore Bulkhead to N°1 D.B. Tank.  
1-3" M.I. (P&S) abreast Fore Mast to N°1 D.B. Tank.  
1-5" M.I. (P&S) " " " N°2 D.B. Tank.  
1-3" M.I. (P&S) " " " N°2 D.B. Tank.  
1-4" M.I. (P&S) " " " N°3 D.B. Tank.  
1-3" M.I. (P&S) " " " N°3 D.B. Tank.  
1-3" M.I. (P&S) " " " N°4 D.B. Tank.  
1-4" M.I. to After Peak

All air pipes 30" above deck.  
and closed with wood plugs.

EMPIRE MAILORY

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

**SANITARY DISCHARGES** from Captains accommodation, from Officers accommodation in casing deckhouse, & from W.C. and washplaces in after deckhouse. Carried through ship's side below freeboard deck, fitted with M.I. Storm Valves.

**SCUPPERS.** Steering Gear Space in Tween Deck aft. 1-2" Scupper through ship's side below 2<sup>nd</sup> Deck, fitted with M.I. Storm Valve, operated by rod from upper Deck.

Particulars of Side Scuttles:—

**FOCLE** 9" Dia. Sidelights

**UPPER TWEEN DECK AFT** 10" Dia. Sidelights  
(CREWS QUARTERS)

All sidelights of substantial construction & fitted with deadlights.

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

Particulars of Guard Rails:—

**FOCLE DECK** Open rails 3'-3" high with 2 rods, and stanchions spaced about 4'-6" apart.

**UPPER DECK** Steel bulwark 3'-3" high, efficiently stayed abreast midship houses & casings with portable open rail for 20 feet abreast N°3 Hatch. Elsewhere open rail 3'-3" high with 3 rods, and stanchions spaced about 4'-6" apart.

Particulars of Gangways, Lifelines, etc.:—

Arrangements provided for rigging lifelines.

## 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.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	Nº1 HATCH	Nº2 HATCH	Nº3 HATCH "A"	Nº3 HATCH "B"	Nº4 HATCH	Nº5 HATCH	COAL HATCH ON CASING TOP.
Dimensions of Hatchway	...	...	29'-3" x 20'-0"	29'-3" x 20'-0"	14'-7 1/2" x 20'-0"	14'-7 1/2" x 20'-0"	29'-3" x 20'-0"	29'-3" x 20'-0"	4'-0" x 17'-6"
COAMINGS	{	Height above Deck	...	30"	30"	30"	30"	30"	30"
		Thickness	{	HH	HH	HH	HH	HH	HH
		Sides	...	HH	HH	HH	HH	HH	HH
		Ends	...	HH	HH	HH	HH	HH	HH
Stiffeners	...	B.A	7 x 3 x 3/8	7 x 3 x 3/8	7 x 3 x 3/8	7 x 3 x 3/8	7 x 3 x 3/8	7 x 3 x 3/8	
Brackets, Stays	...	2 P & S	2 P & S	1 P & S	1 P & S	2 P & S	2 P & S	2 P & S	
HATCH BEAMS	{	Number	...	5	5	2	2	5	5
		Spacing	...	4'-10 1/2"	4'-10 1/2"	4'-10 1/2"	4'-10 1/2"	4'-10 1/2"	4'-10 1/2"
		Scantling and Sketch	...	PL 18" x 36"	PL 16" x 34"	PL 16" x 34"	PL 16" x 34"	PL 16" x 34"	PL 16" x 34"
		Bearing Surface	...	5 x 3 x 3/8	5 x 3 x 3/8	5 x 3 x 3/8	5 x 3 x 3/8	5 x 3 x 3/8	5 x 3 x 3/8
FORE AND AFTERS	{	Number	...	COAL HATCH (P & S)	HATCH TO STORE IN	HATCH AFT	HATCH AFT	HATCH IN	HATCH ON
		Spacing	...	ABREAST BOILER CASING.	FOCLE.	TO MAGAZINE	STEEL GEAR	MAST HOUSES.	FOCLE
		Unsupported Lengths	...	13'-3" x 4'-6"	3'-6" x 3'-3"	2'-0" x 2'-5"	1'-8" x 2'-6"	2'-3" x 2'-0"	2'-2" x 2'-2"
		Scantling* and Sketch	...	COAMING 30" x HH	COAMING B.A	COAMING	COAMING	COAMING	COAMING
HATCH COVERS	{	Material	...	2 3/8" WOOD COVERS.	FITTED FORE & AFT	2 3/8" WOOD COVERS.	FITTED FORE & AFT	2 3/8" WOOD COVERS.	FITTED FORE & AFT
		Thickness	...	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"
		How fitted	...	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"
		Bearing Surface	...	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"
Spacing of Cleats	...	...	...	...	...	...	...	...	
Number of Tarpaulins	...	...	...	...	...	...	...	...	

\*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:—

This vessel has been built in accordance with the Approved Plans to  
Scantlings suitable for a draught of 18" in excess of that corresponding  
to the freeboard which could be assigned to the vessel with a  
tonnage opening fitted.

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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