

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "EMPIRE FLORA".

Port of Survey HULL.

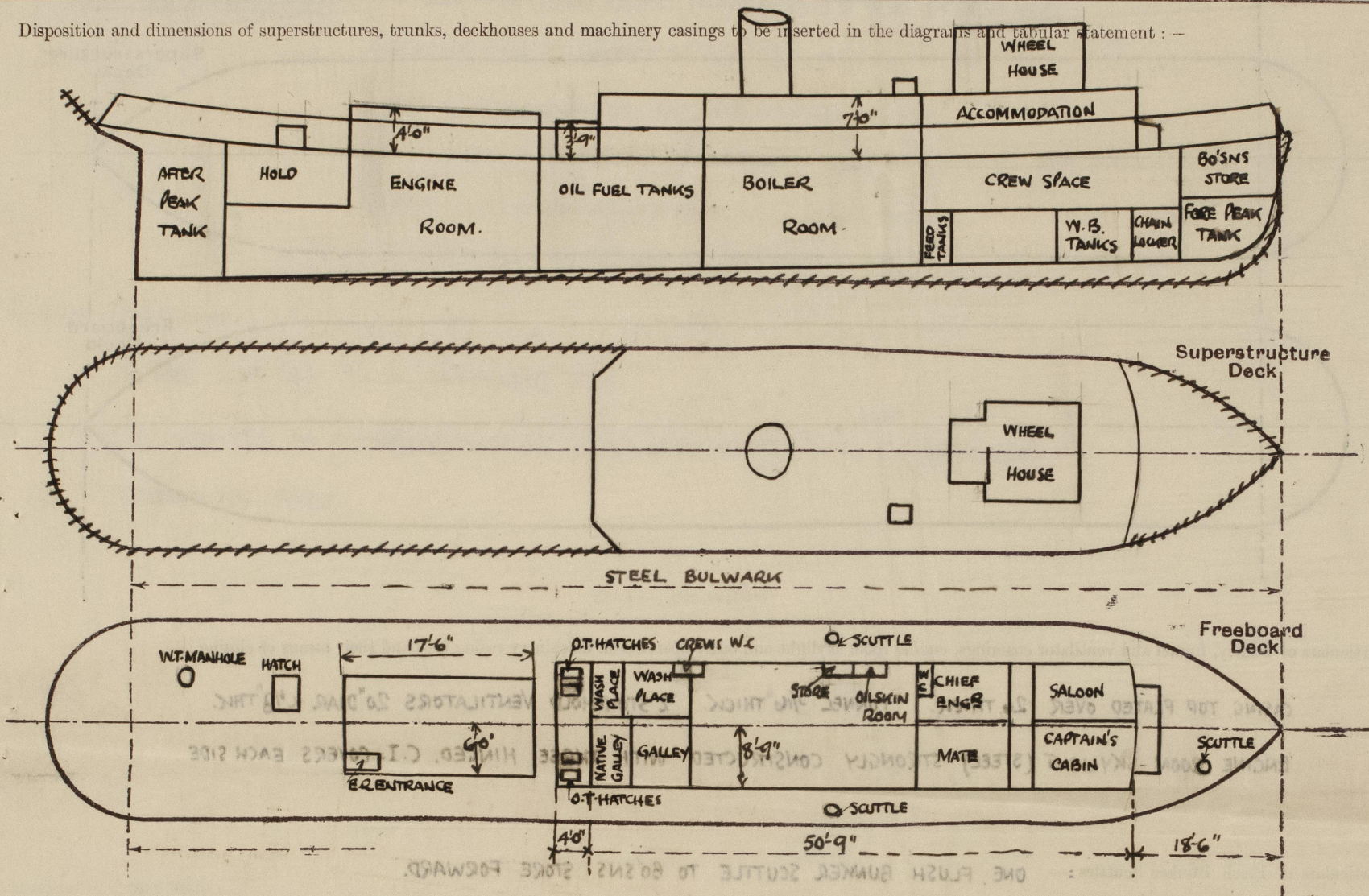
Official Number 180438

Surveyor's Signature J. Maceod

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.

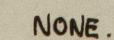
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	28	✓	3 x 2½ x 30" F	30"	BKTS. AT TOP	2'6" x 2'3"	18"	4'0"
Exposed Machinery Casings on Superstructure Deck (FREEBOARD) ...	15' x 31	26	6 x 3 x 40 F & 3 x 2½ x 30 F	APPROX 27"	" " "	4'3" x 1'9"	24"	7'0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	✓	26	3 x 2½ x 30 F	APPROX 30"	BKTS. AT TOP	4'2" x 1'8"	24"	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 (P. & S) STEEL DOORS 4'3" x 1'9" - 24" SILLS. TO ENGINE ROOM: WOOD DOOR 2'6" x 2'3" - 18" SILL. WITH TEAK SLIDING TOP. DOORS OPERATED FROM BOTH SIDES.
Exposed Machinery Casings on Superstructure Deck ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	SALOON PASSAGE (P. & S) WOOD DOORS 4'2" x 1'8" - 24" SILLS. STEEL DOORS TO PASSAGE, GALLEY & NATIVE GALLEY (S.S) & OFFICERS W.C, OILSKIN ROOM, STORE, CREW'S WASH PLACES & W.C (PORT). SILLS 19" TO 21". DOORS OPERATED FROM BOTH SIDES.

Empire Flora

Particulars of Gangway Cargo and Coaling Ports:—



SCUPPERS. FIVE SCUPPER PIPES 2 1/2" DIAM (PORT & STBD) LED OVERBOARD THROUGH SHIP'S SIDES. ✓
LOWEST SCUPPER PIPE 18" FROM DECK TO BOTTOM OF OPENING. ✓

Particulars of Side Scuttles :—

NO SIDE SCUTTLES BELOW FREEBOARD DECK.

SIDE SCUTTLES TO ACCOMMODATION ON UPPER DECK FITTED WITH C.I. DEADLIGHTS
PERMANENTLY FIXED.

CASING TOP PLATED OVER .26 THICK. FUNNEL $\frac{3}{16}$ " THICK. 2 STOKEHOLD VENTILATORS 20" DIAM X $\frac{1}{8}$ " THK.

ENGINE ROOM SKYLIGHT (STEEL) STRONGLY CONSTRUCTED WITH THREE HINGED. C.I. COVERS EACH SIDE.

Particulars of Flush Bunker Scuttles :— ONE FLUSH BUNKER SCUTTLE TO BOAT'S STORE FORWARD.

ONE FLUSH BUNKER SCUTTLE (PORT & STBD) TO GALLEY COAL BUNKERS (IN BOILER ROOM).

ALL SCUTTLES OF WOOLLON'S NO 2 TYPE WITH SCREW JOINT & CHAIN ATTACHMENT.

Particulars of Companionways :—

TO ENGINE ROOM. PLATING .28 THICK. STIFFENERS $3" \times 2\frac{1}{2}" \times 30'$ SPACED 30" APART.

2'-6" x 2'-3" - 18" SILL. WITH HINGED TEAK DOOR & TEAK SLIDING TOP

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

13" DIAR. FRENCH HEAD VENT (PORT SIDE SKYLIGHT FORWARD). 7'-6" FROM DECK TO BOTTOM OF OPENING. STAYED TO BRIDGE DECK.

3-5" DIAR. S.N. VENTS (P. & S) TO ACCOMMODATION FORWARD. 16" FROM DECK TO OPENING. CANVAS COVERS SUPPLIED FOR
1-5" " " VENT TO HOLD (PORT) & LAMP ROOM (STBD). 16" " " " " FRENCH HEAD VENTS & WOOD PLUGS
FOR G.N. VENTS.

7" DIAM. FRENCH HEAD VENT. TO ENGINE ROOM (PORT SIDE). 3'-0" FROM DECK TO OPENING. PROTECTED BY E.R. CASING END.

BRIDGE DECK. 3-5" DIAR. S.N. VENTS. (P. & S) TO ACCOMMODATION ON UPPER DECK. 16" FROM DECK TO OPENING.

1-9" " COWL VENT TO EACH GALLEY. COAMING 18" x 36.

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

AIR PIPE TO FORE PEAK TANK - 2" DIAR. 3'-4" FROM DECK TO OPENING.

A&F. " " W.B.TANK (P. & S) 2" " 2 1/6" " " " "

AIR " " STORE ROOM (P. 15) 2" " 2'-8" " " " "

AIR " " STORE ROOM (P. 25) 2" " 2'-8" " " " "

A. & F. " " FRESH WATER TANK (P. 85). 2" " 2 1/6" " " " "

A.B.F. " " FEED TANK (P.B.S). 2" " 2'-4" " " " " "

AIR PIPE " OIL FUEL TANKS 4- 3" " 2 1/4" 52-11-2

AIR. PIPE " OIL FUEL TANKS 4- 3" " 2'6" FROM TOP OF TRUNK
" " " AFTER BREAK TRUNK 2'6"

" " " AFTER PEAK TANK 2' " 2'4" " DECK TO OPEN

" " " TRANSOM SPACE 2' - 2'2" " " " " "

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 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	115'-0"	3'-0"	2'-0" x 1'-0"	6	120'	16.15 f
Forward Well						

State position of each freeing port { After ~~Well~~ :- FROM A.P. - 15'-0" - 28'-9" - 41'-3" - 55'-6" - 67'-9" - 81'-0"

(F. and A. position and height above deck edge) { Forward ~~Well~~ :- 7 1/2" ABOVE DECK EDGE.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- BALANCED SHUTTER TYPE.

Additional area where sheer is less than standard.



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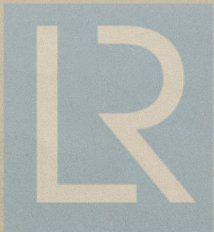
PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		HATCHWAY TO HOLD AFT.		HATCHWAYS TO OIL FUEL TANKS					
Dimensions of Hatchway		5'-0" x 3'-0"		4 - 2'-6" x 1'-6"					
COAMINGS	Height above Deck	18"		12" ABOVE TRUNK TOP					
	Thickness	3/8"		3/8"					
	Stiffeners	NONE		NONE					
	Brackets, Stays								
HATCH BEAMS	Number	NONE		NONE					
	Spacing								
	Scantling and Sketch								
	Bearing Surface								
FORE AND AFTERS	Number	NONE		NONE					
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
HATCH COVERS	Material	PINE		O.T. STEEL PLATE					
	Thickness	3"		50					
	How fitted	ATHWARTSHIPS		SECURED WITH 8GM.					
	Bearing Surface	3"		TOGGLES & STEEL EYEBOLTS					
Spacing of Cleats		24"							
Number of Tarpaulins		2							
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/></p> <p>Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/></p> <p>Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/></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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