

Lloyd's Register of Shipping.

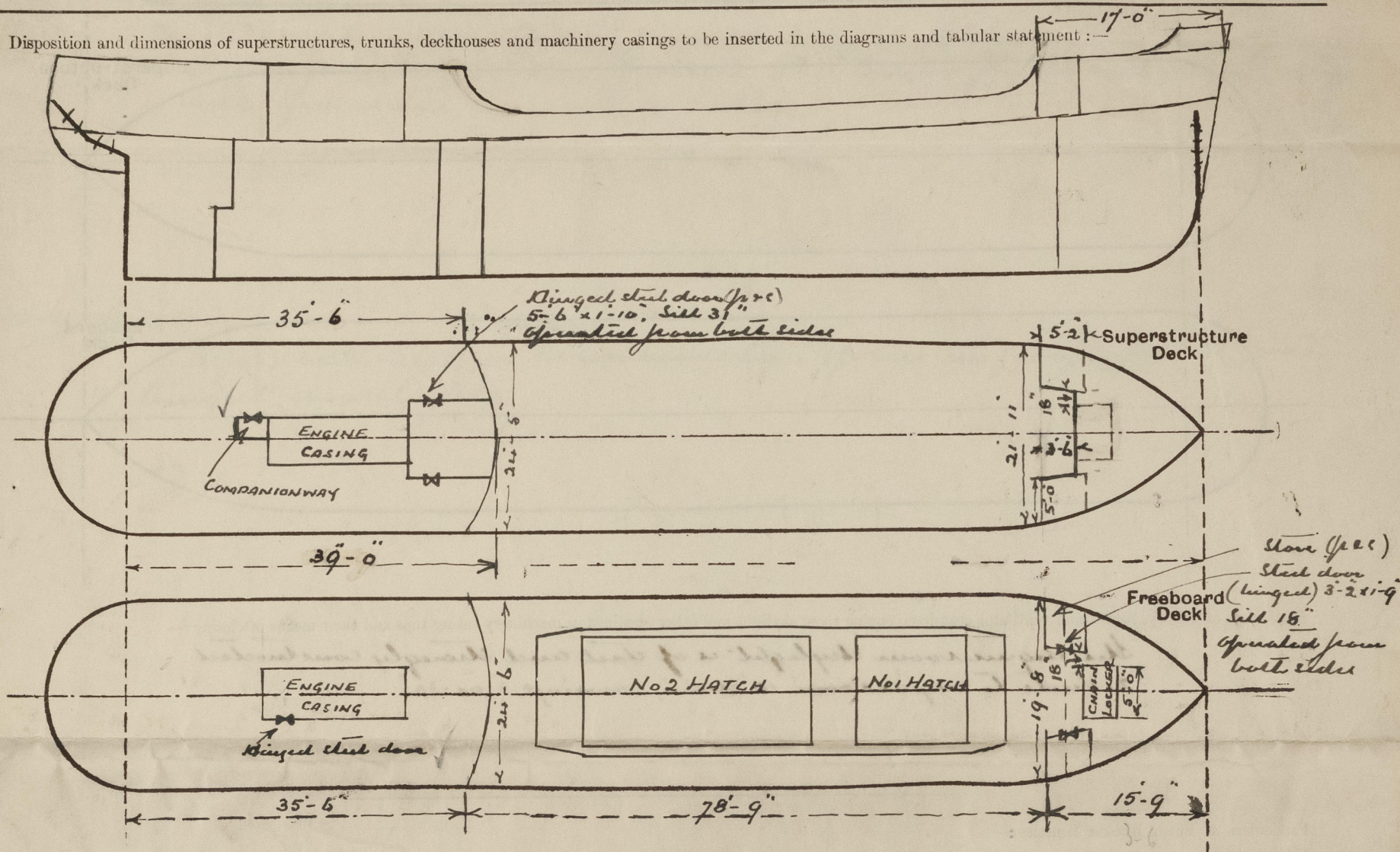
SURVEYS FOR FREEBOARD.

Lms. Rpt. No. 21380.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *EMPIRE FORD*Port of Survey *Grijpduyn*Official Number *167108*Surveyor's Signature *F. J. J. J. J.*Nationality and Port of Registry *Belg.*Date of Survey *25/4, 5/8 and 14/8/41*

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.

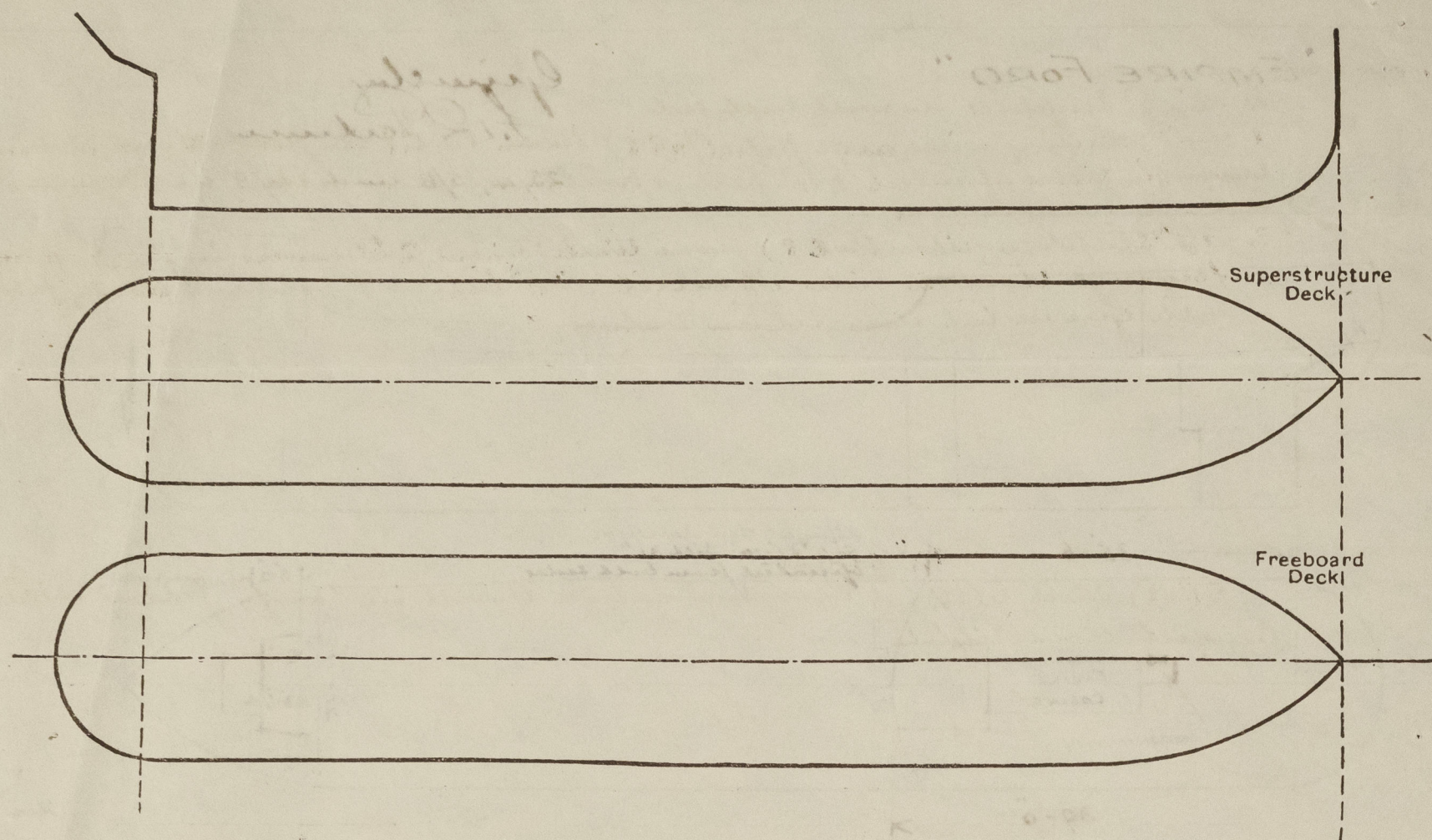
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead30	.30	6x3x3/8 a.	2'-6"	6x6 angle	wave	✓	6'-8"
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead	—	—	—	—	—	—	—	—
Bridge, Forward Bulkhead	—	—	—	—	—	—	—	—
Forecastle Bulkhead ... <i>open</i>	—	—	—	—	—	—	—	5'-0"
Trunk, Aft	—	—	—	—	—	—	—	—
Trunk, Forward	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Superstructure Decks	12"x.25	✓	3x2 1/2 x .26	2'-4" & 2'-6"	bracketed at top	wave	—	12"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	18"x.30	.25	3x2 1/2 x .26	2'-4" & 2'-6"	✓	one: 5'-0"x1'-9"	9"	6'-8"
Deckhouses on Flush Deck Ships ...	—	—	—	—	—	—	—	—

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

Poop Bulkhead	<i>no openings</i> ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	<i>open</i>
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks	<i>no openings</i>
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	<i>one: 5'-0"x1'-9", sill 9", operated from both sides</i>
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:—

*The engine room skylight is of steel and strongly constructed.
2. Vents to engine room 10" diam, coaming 3'-0" x 32"*

Particulars of Flush Bunker Scuttles:—

None

Particulars of Companionways:—

*One on poop deck (3'-3" x 2'-11" x 6'-0") (p.s.) of steel strongly constructed.
Steel door (5'-0" x 8'-0") with 18" operated from both sides.*

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

*2 vents on freeboard deck 10" diam, coaming 36" x 32" led to hold
2 " " " " " " " " 36" x 32" " accommodation space.*

All ventilators are constructed in accordance with the Rules and provided with wood pluge and canvas cover.

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

*One C.P. air pipe on freeboard deck 3'-0" high x 2 1/2" diam from fore peak tank.
One " " " " " " " " 2'-0" " x 2 1/2" " " after " "*

Wood pluge with chain attachments are provided for closing the openings.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

*4 - 6" x 3" Scuppers in well each side.
1 - 4" sanitary discharge pipe (p.s.) from W.C. in poop space, opening through sides of vessel 3'-0" below freeboard deck, fitted with gun metal non-return valves.
3 - 1 1/2" Scupper pipes (p.s.) from Wash Basins & Showers in poop space, opening through sides of vessel 3'-0" below freeboard deck, fitted with gun metal non-return valves controlled from fore and deck.*

Particulars of Side Scuttles:—

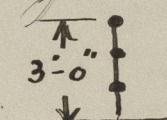
*10" diam
8 (p.s.) and 6 (s.s.) accommodation spaces in poop, fitted with hinged deadlights.*

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

✓

Particulars of Guard Rails:—

Fitted round forecath and poop.



Particulars of Gangways, Lifelines, etc.:—

Lifeline fitted from poop to forecath in well (p.s.)

Particulars of Freeing Arrangements.

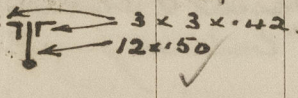

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	78'-9"	3'-3"	2'-6" x 1'-7 1/2"	4	16.20 sq ft	15.75 sq ft
Forward Well	—	—	—	—	—	—

State position of each freeing port (After Well:— 7'-9", 2'-0", 3'-6" and 6'-0" from poop point to after end of opening: 7" above deck.
(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:— *Hinged steel shutters with brass pins.*

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.					
Dimensions of Hatchway		20'-2" x 15'-0" <i>15'-6" at deck</i>		36'-0" x 15'-0" <i>15'-6" at deck</i>					
COAMINGS	Height above Deck	36" FE L 45" A.E.		48" FE L 36" A.E.					
	Thickness	.38		.38					
	Sides	✓		✓					
	Ends	✓		✓					
Stiffeners		✓		✓					
Brackets, Stays		✓		✓					
HATCH BEAMS		4-0" <i>3 x 3 x 42</i>		8-0" <i>12 x 50</i>					
Number		4		8					
Spacing		4'-0"		4'-0"					
Scantling and Sketch									
Bearing Surface		3"		3"					
FORE AND AFTERS		none		none					
Number									
Spacing									
Unsupported Lengths									
Scantling and Sketch									
Bearing Surface									
HATCH COVERS		Wood		Wood					
Material		2 1/2"		2 1/2"					
Thickness		f r a		f r a					
How fitted		3"		3"					
Bearing Surface									
Spacing of Cleats		24"		24"					
Number of Tarpaulins		2		2					
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/>									
Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/>									
Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/>									
Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> <i>Special Lashings provided</i>									

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.