

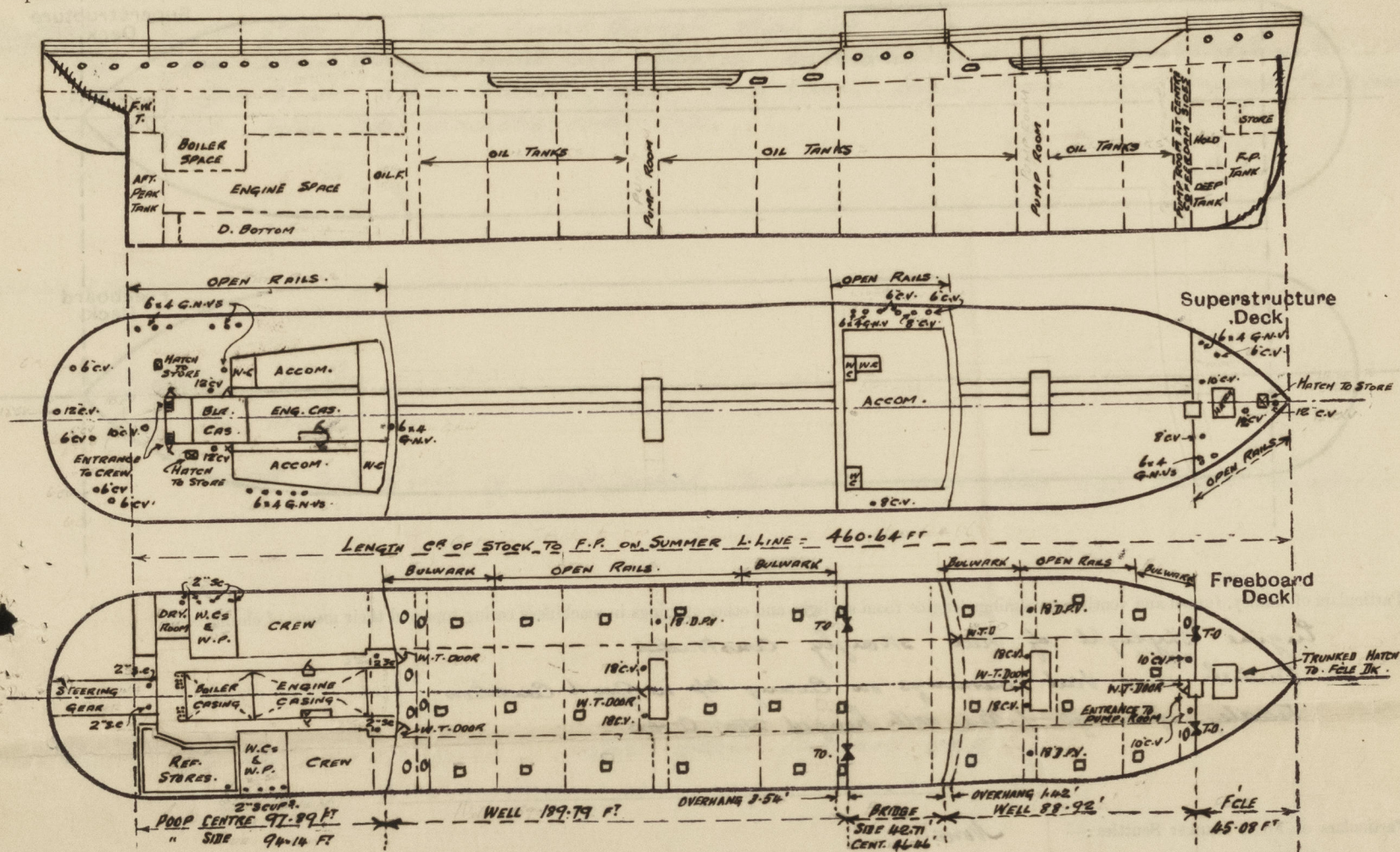
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name **EMPIRE JET.** Port of Survey **Glasgow**
 Official Number **168683** Surveyor's Signature **H. Dickson**
 Nationality and Port of Registry **British Glasgow** Date of Survey **White 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		46" Plating	B.A. 10" 3 1/2" 50"	30"	E. Welded top and bottom	1 P.S. 5'-0" 3'-0"	24"	7'-6"
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead		3 1/2" plating	Angle 4" 3 1/2" 46"	33" & 36"	Brackets at top	1 P.S. 5'-0" 3'-1"	18"	7'-6"
Bridge, Forward Bulkhead		44" plating	B.A. 10" 3 1/2" 50"	33" & 36"	Brackets at top	1 P.S. 5'-0" 3'-0"	15"	7'-6"
Forecastle Bulkhead		30" plating	Angle 4" 3 1/2" 46"	26" & 30"	None	1 P.S. 5'-6" 3'-1"	12"	7'-6"
Trunk, Aft								
Trunk, Forward								
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								
		42" 34"	30"	Angle 3" 3 1/2" 30"	30" & 30 3/4"	None	None	7'-6"

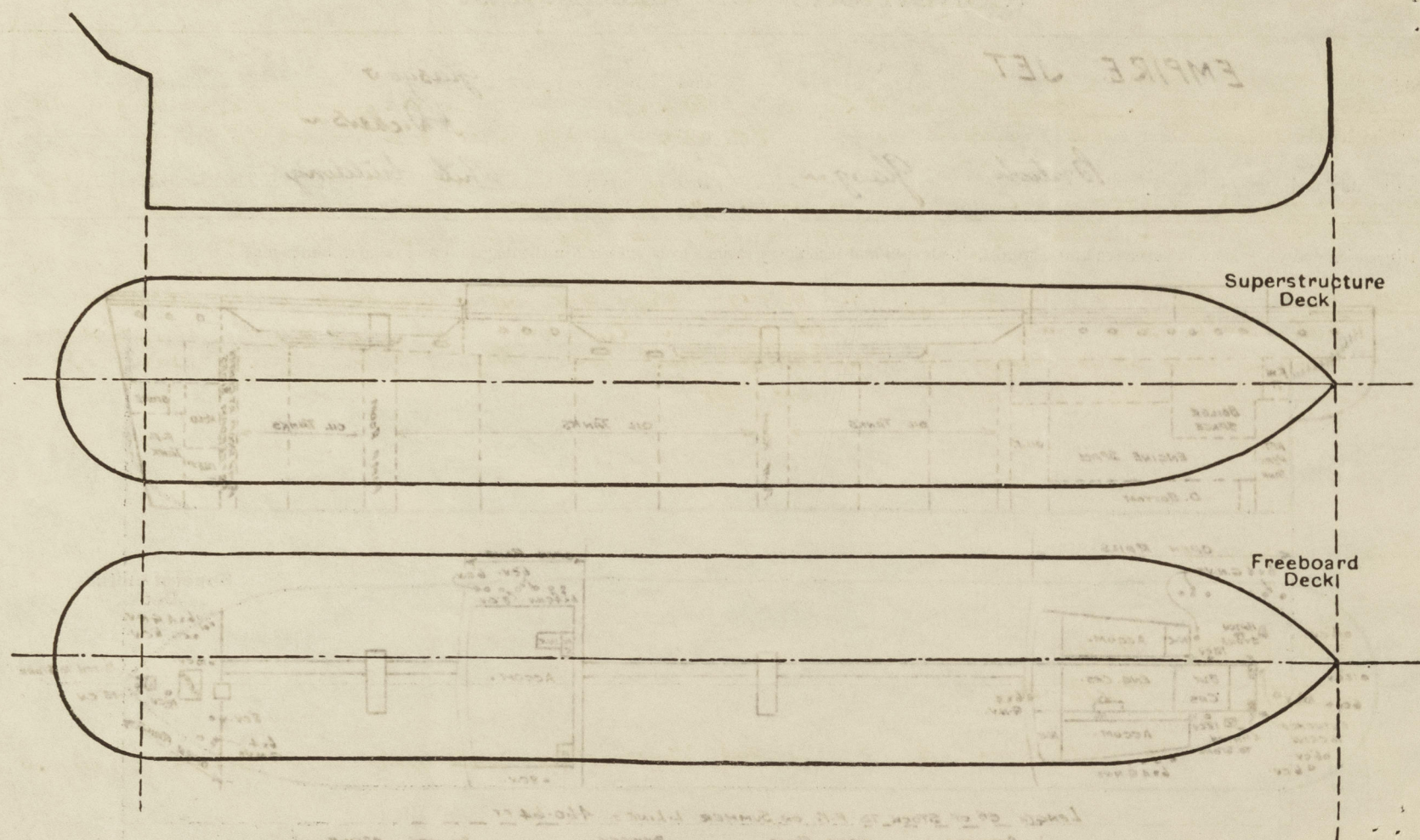
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	Hinged steel W.T. Doors.	Manipulated from both sides
Raised Quarter Deck Bulkhead		
Bridge, After Bulkhead	Hook bolted plates.	Hook bolts not passing through bulkhead
Bridge, Forward Bulkhead	Hinged steel W.T. Door.	Manipulated from both sides
Forecastle Bulkhead	Hook bolted plates	Hook bolts not passing through 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	No openings	
Deckhouses on Flush Deck Ships		

Empire Jet

Particulars of Gangway Cargo and Coaling Ports:—

None



Engine Skylight of steel strongly constructed
Funnel and Vent Coamings on Casing top in good condition
Fiddley openings fitted with hinged steel covers.

None

Particulars of Companionways:—
Entrance (P.r.s) to poop space at aft
End of Poop-house
 Steel trunk in galley casing
 opening 11'-9" x 2'-0" flinged solid
 wood door. Workable from both
 sides Sill 18"

Main Pump Room Entrances

Medium Lumpy Room Invoices
 Head Casing 7-6 high Plating .40 per lb
 and Sides .30 at end Stiffeners 6 x 3 1/2 x 7/8 BA
 & 4 x 1/2 .50 angle Spaced 2 1/2 to 3 3/4
 Fringed steel W.T. floor 5-0 x 2-3
 Manipulated from both sides Jill 18

Entrance to Forward Pump Room at Fide Bld.
Steel Trunk in Fide Bld 7'-6" high with
hinged Steel W.T. Door 5'-0" x 2'-3" operated
from both sides Jill 15"

Particulars of Ventilators
 Fcd. Dec.

1-10 C.V. to fore hold
Coaming 36" x 36"
2-12 C.V.s to hold and
tween deck Coaming
36" x 36"
1-8 C.V. to F'd
Coaming 36" x 32"
1-6 C.V. to Store
Coaming 36" x 30"
3-6 x 4 G.N.V.s (Cast iron)
15' High to Camp
room and paint
Stores

Well Exposed

1-10 c.v. (P.S.) to food.
 Pump Room. Coaming 9"
 2-34 Stayed
 1-18 c.v. (P.S.) to Main
 Pump room
 Coaming 6" x 140
 with 64. Stayed at dk.
 1-18 D.P. (P.S.) to Wurg
 Cofferdam of Main
 Pump room
 18" high x 32. Plating
 doubled for 8" at dk
 Not apparently stayed

Bridge Deck

Bridge near
3-6 C.V. (P) Cummings 30-3
1-8 C.V. (P.R.S) " 30-3
to Bridge

2-6x4 G.N.V.s (P)
Cast from
Cummings 18' high
to Bridge

1. Well cut

Wet life
1-18 O.V. (P) to Wing Coffin
at main pump room
18" o high x .32 plating
doubled for 8" o at deck
lost efficiently stayed
1-18 C.V. (P25) to main
pump room
Cramming 8" o x .40
stayed at top of pump
room substance

Look Deck

COOP WORK

1-6 C.V.(P) to Store; 2-6 C.V.s to
Ref. Machy space; 1-6 C.V.(S) to
Steering gear. Coaming 32" x 30"
1-10" C.V.(S) to Boiler space
Coaming 32" x 32"
1-12" C.V. to Steering gear
Coaming 32" x 34"
3-6-4 G.N.V.s Cast iron 18" high
and 10-6-4 G.N.V.s Cast iron
19" high to Wash Place. W.G.s etc
1-12" C.V.(P.s) to poop passage
Coaming 8' x 30" efficiently
Stowed

all Cowb Ventilators to Rule Requirements and fitted with wood plugs
and canvas covers.

File Deck 1-4 M-1 to fore peak 18' high

Well Ford. 1-3 M.I (Prs) to forward Cofferdam; 1-4 M.I (Prs) to oil fuel deep tank 36' high

Well off 1-3" (Prs) to after Cofferdam 6-6 high; 4-4 M.I. to oil fuel tankers & settling tanks. 6-6 high clipped to pump DK

Loop Deck 1-2 1/2" (M-1) (Pvs) to Fresh Water Tanks; 1-3" M-1 (Pvs) to after peak

Air pipes to Oil fuel bunkers and Settling Tanks fitted with Double Gauge
Air pipes to Oil fuel Deep tanks forward fitted with Double Gauge.
Air pipes to Cofferdams fitted with Double Gauge and bolted steel covers
Elsewhere Air pipes fitted with Wood plugs.

Sanitary discharges & Scuppers from W.C.s and Washbasins in Bridge and Upper Bridge accommodation carried through ship's side above freeboard deck. W.C. discharges only fitted with brass storm valves.

Sanitary Discharges from WCs and Wash places in poop and from accommodation in Poop House carried through ship's side below foreboard deck and fitted with brass storm valves.

Scuppers 2" dia from prop space carried through ship's side below freeboard deck and fitted with brass storm valves; inner end open in lavatories and wash places, elsewhere in steering gear space, Refrig. Machinery space, Meat room, Drying Room and passage (P+S) inner end fitted with non-detachable screw caps.

File & Bridge 10" Dia

Prop. 10" & 12" Dia

all side lights of substantial construction and fitted with hinged deadlights

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

None below freeboard deck.

File & Bridge Decks

open Rails 5'-6' high with 3 rods and 5 anchors spaced 3' to 5'-

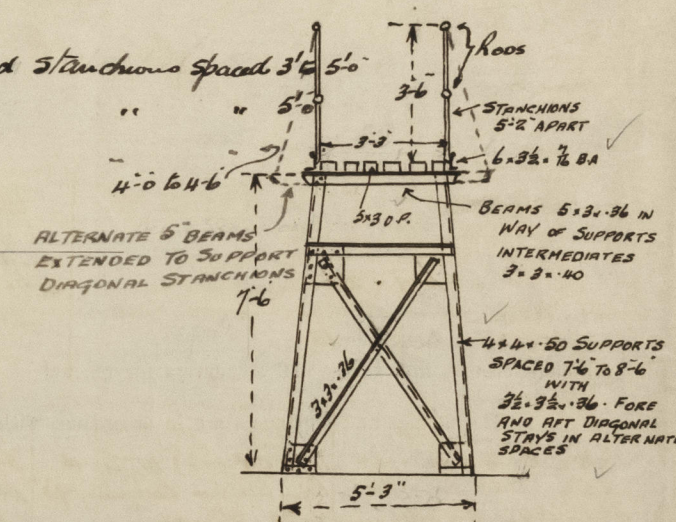
Roof Deck


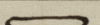
" "

Upper Dec.

6

gangway as per sketch from poop to bridge and from
bridge to Forecastle




Particulars of Freeing Arrangements.							
<u>Wells</u> <u>Aft</u> <u>Forward</u>	<u>Total Length</u> <u>189'-9"</u> <u>88'-11"</u>	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
At Bridge end	42'-6"						
After Well	48'-5½"		3'-6"	 2'-6" x 4'-11"	2	1.60 ft	Open rails 78'-10"
Forward of loop	18'-6"			None			
Forward of Bridge	28'-4"		3'-6"	 2'-0" x 4'-1"	1	.66 ft	Open rails 42'-1"
at aft Fds				None			

State position of each freeing port { After Well :— 19'-6" & 39'-0" from Bridge end }
 (F. and A. position and height above deck edge) { Forward Well :— 1'-6" from Bridge front } 10½" above deck

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.									
Freeboard Deck Superstructure decks									
Description of Hatchway	Hatches to oil tanks	O.T. Manholes	Hatch in Fore to Store	Cargo Hatch on Fore	Store Hatch on Fore	Hatch on Fore to Store	Hatch on Fore to Store (S.S.)	Hatch on Fore to Store (P.S.)	
Dimensions of Hatchway	4'-6" x 3'-6"	2'-4" x 1'-8"	2'-0" x 2'-6"	8'-8" x 12'-0"	2'-0" x 2'-0"	1'-9" x 3'-0"	3'-0" x 3'-0"	1'-8" x 2'-0"	
COAMINGS	Height above Deck ... Thickness ... Stiffeners ... Brackets, Stays ...	Ford Well 1. P&S to aft Well 18 in No	Ford Well 2 1/2" wood Cover 3" bearing Cofferdam	30" 4 1/4" 4 1/4" 7'3" x 4'8" BA at ends with angle stay	Coaming 7'3" x 4'0" BA 40 steel N.T. Cover Secured with toggles	Coaming 9'3" x 4'0" BA 40 hinged Steel W.T. Cover Secured with toggles	Coaming 3'0" x 4'0" 40 hinged Steel W.T. Cover Secured with toggles	Coaming 3'0" x 3'8" fitted with Steel W.T. Cover	
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ... Bearing Surface ...	Coaming 30" x 4'0" 40 hinged steel covers Secured with toggles 15" apart	aft Well 3 in No to aft Coff oil fuel tanks & settling tanks 4 in No	Chato sp. 1 1/2" to 1 3/4" 1. Tar paulin Secured with toggles 20" apart Cover stiff 7'3" x 3'8" BA and 6'6" x 1/2" OA					
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling and Sketch ... Bearing Surface ...		Coaming 10'3" x 3'1/2" x 4'0" Channel Portable steel covers Secured with top bolts fitted in channel Coaming						
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...								
Spacing of Cleats									
Number of Taraulins									

*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:—

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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