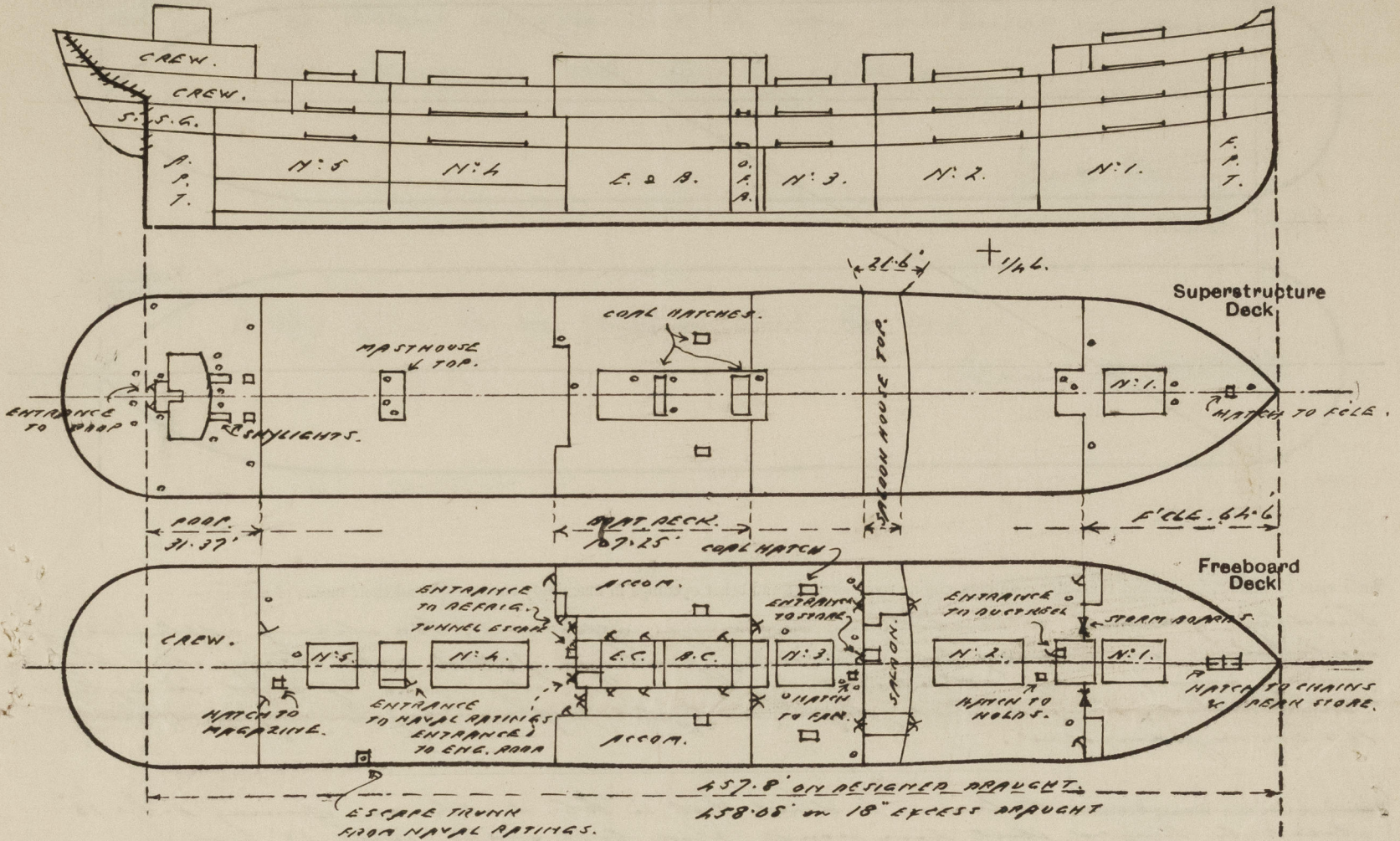


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

G.R. Off. No. 21863.

Ship's Name "EMPIRE NIGHT"  
Official Number 168986  
Nationality and Port of Registry British, Greenock.  
Port of Survey Greenock  
Surveyor's Signature N. L. Swinton.  
Date of Survey While Building. 28-5-42.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



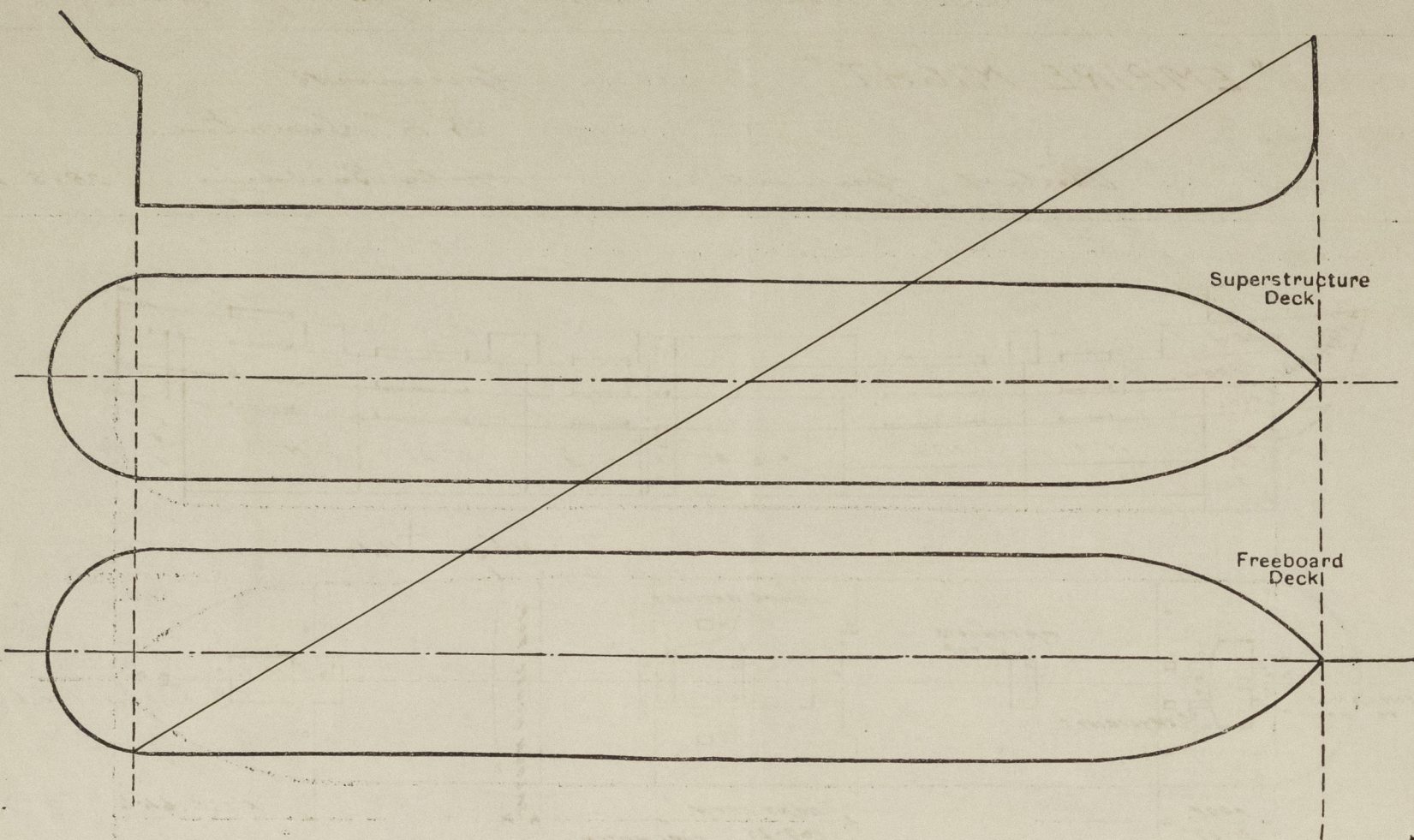
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	21' x 44'	33	4' x 3' x 38'	28"	WELDED.	4' 9" x 24"	24"	8' 0"
Raised Quarter Deck Bulkhead ...	✓		✓		✓		✓	
Bridge, After Bulkhead SIDEHOUSE	—	30	3' x 3' x 31'	33	BRACKETS.	4' 9" x 48"	17"	8' 0"
Bridge, Forward Bulkhead SIDEHOUSE	—	32	3' x 3' x 31'	33	BRACKETS.	5' 1" x 48"	16"	8' 0"
Forecastle Bulkhead ... ..	—	26	3' x 3' x 31'	27	NONE	5' 0" x 42" 5' 2" x 24" 5' 0" x 24"	21" 18" 20"	8' 0"
Trunk, Aft BULK. SALOON HOUSE	—	30	3' x 3' x 31'	31	WELDED.	4' 11" x 48"	19"	8' 6"
Trunk, Forward BULK. SALOON...	36' x 40'	36	7' x 3' x 38'	30" & 15"	WELDED.	5' 2" x 48"	18"	8' 6"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—	30	3' x 3' x 31'	27	NONE.	4' 2" x 51"	24"	8' 0"
Exposed Machinery Casings on Superstructure Decks ... ..	✓		✓		✓		✓	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	15' x 38'	30	3' x 3' x 38'	33"	NONE.	5' 5" x 24"	15"	8' 0"
Deckhouses on Flush Deck Ships ...	✓		✓		✓		✓	

Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
Poop Bulkhead ... ..	Hinged steel doors manip. both sides. ✓
Raised Quarter Deck Bulkhead ...	2 Hinged steel doors manip. both sides. ✓
Bridge, After Bulkhead SIDEHOUSE	2 Hinged steel doors (in halves) manip. both sides. (Rubbered) ✓
Bridge, Forward Bulkhead SIDEHOUSE	2 Hinged steel doors (in halves) manip. both sides. (Rubbered). ✓
Forecastle Bulkhead ... ..	2 Hinged steel doors, manip. both sides. 2 open with 2 1/2" stern boards full height in riveted channels. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	1 Hinged steel door (in halves) manip. both sides. ✓
Exposed Machinery Casings on Superstructure Decks ... ..	1 Hinged steel door manip. both sides. 2 Hinged steel doors (in halves) manip. both sides. (Rubbered) ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	Hinged steel doors manip. both sides. ✓
FOR BULK. SALOON HOUSE, Deckhouses on Flush Deck Ships ...	2 Hinged steel doors (in halves) manip. both sides. (Rubbered) ✓



# 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 efficient. No closing appliances for ventilators on casing top. Fiddle gratings fitted with strong steel hinged covers permanently attached. Engine room skylight of steel strongly constructed, hinged steel flap (no lights) operates from engine room. No cover provided.*

*Particulars of Flush Bunker Scuttles: Entrance to dust keel in dble deckhouse, opening 4'5" x 25" closed by hinged steel door manip. from both sides. Sill 28" high. Entrance to saloon store in saloon deckhouse, opening 4'9" x 34", closed by hinged double steel doors (rubbered) manip. from both sides, sill 22" high. Entrance to Roping Mch. from port sidehouse, opening 4'10" x 24" closed by hinged steel door manip. from both sides, sill 22" high. Entrance to tunnel escape, opening 5'1" x 23 1/2", closed by hinged steel door manip. both sides sill 22" high. Entrance to naval ratings, opening 5'6" x 24" closed by hinged steel W.T. door manip. both sides, sill 15" high. Escape from Naval Ratings, steel companion 2'6" x 3'0" x 3'6", opening 2'6" x 18" closed by hinged steel W.T. door manip. both sides, sill 6" high. Entrance to crew space from poop deck, 2 openings 5'2" x 24" closed by hinged steel door manip. both sides, sill 15" high.*

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

1 on Side deck 12' dia. Comm.	36" x 34" to peak store.	2 on Poop deck 16 1/2' dia.	30" x 38" to hold.
1 " " 16 1/2 " "	36" x 38" to tunnel deck.	1 " " 14 " "	28" x 36" to tunnel
3 " " 18 1/2 " "	36" x 40 " " hold.	2 " " 8 " "	20" x 30" to poop.
1 " " 8 " "	36" x 38" to D.G. room.	1 " " 7 " "	30" x 30" to deck.
1 " " 9 " "	36" x 38" to dust keel trunk.	1 " " 6 " "	30" x 30 " "
2 on Upper deck 10 " "	36" x 32" to W. 1 tunnel deck.	2 " " 16 " "	30" x 38" to crew.
4 " " 10 " "	30" x 32" to W. 3 " "	2 " " 18 " "	84" x 38" to crew STAYED
1 " " 10 " "	36" x 32 " "	1 " " 9 " "	84" x 38" to S.S.G. " "
2 " " 9 " "	36" x 32" to saloon store.	2 " " 8 " "	20" x 30" to poop.
1 " " 18 " "	36" x 36" to W. 5 lower deck.		
1 " " 6 " "	36" x 30" to crew space.		
1 " " 10 " "	18" x 32" to naval ratings		
(fitted on escape trunk 3'9" high)			
2 on aft Masthouse top 21' dia.	30" x 40" to hold.	All work coamings constructed in accordance with the Rules & fitted with wood plugs and canvas covers.	
1 " " 10 " "	24" x 32" to naval ratings.		

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

1 on Side deck 4' dia. 18" high to fore peak.	Air pipes to gaslight triger in insulated holders.
1 on " " 4 " 18 " to W. 1 D.B.T.	
2 on Poop deck 3 " 18 " to aft peak.	
18 on Upper deck 4 " 30 " to D.B. tanks.	4 on Upper deck 3' dia. 30" high to W. 2 hold.
2 on " " 4 " 30 " to O.F. bunker.	4 " " 3 " 30 " " "
2 on " " 4 " 30 " to domestic tank.	4 " " 3 " 30 " " "
8 on " " 3 " 30 " to B.R. & E.R. fuel T.	
2 on " " 3 " 30 " to deep cofferdam.	
2 on " " 2 " 30 " to D.B. cofferdam.	
2 on " " 2 " 30 " to lub. tank eff.	

Openings of air pipes to O.F. tanks fitted with wire gauze. Remainers fitted with canvas covers.



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Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
<del>After</del> Well <i>ABREAST...</i> <i>N. 3 HATCHWAY.</i>	<i>38.83'</i>	<i>3.75'</i>	<i>2.16' x 1.25'</i>	<i>2.</i>	<i>5.4 sq.</i>	<i>5.2 sq.</i>
<del>Forward</del> Well ... ..						

State position of each freeing port ... .. { ~~After Well~~— 12.5', 28.5', from Bridge sidechamber bulkhead.  
(F. and A. position and height above deck edge) { ~~Forward Well~~— 13" above deck edge.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *Ports fitted with 2 Vertical bars, 8' apart.*

Additional area where sheer is less than standard.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.						
ON FREEBOARD DECK.						
Description of Hatchway	N° 1.	N° 2.	N° 3.	N° 4.	N° 5.	
Dimensions of Hatchway	20'3" x 18'12"	19'0" x 21'0"	22'0" x 21'0"	35'9" x 21'0"	22'0" x 21'0"	Hatch on upper deck under side to chains & fore peak stern. 6'0" x 4'1". Coam. 9 x 3 1/2 x 40 B.A. Rest 3". Coam. 2 1/2". Cleats 18" opt. 1 tarpaulin.
COAMINGS	Height above Deck ... 30"	30"	30"	30"	30"	Hatch on upper deck to W. 1 hold. 1'10" x 1'10". Coam. 30 x 44. Rest 2 1/2". Coam. 2 1/2". Cleats 18" opt. 2 tarp. ✓
	Thickness ... 44	44	44	44	44	Hatch on upper deck to fore room 2'4" x 2'3". Coam 30 x 44. Hinged W.T. cover .50 with 2 clips each side. ✓
	Stiffeners ... 12 x 3 1/2 x 56 B.A.	10 x 3 1/2 x 44 B.A.	12 x 3 1/2 x 56 B.A.	10 x 3 1/2 x 44 B.A.	10 x 3 1/2 x 44 B.A.	Hatch on upper deck to tank deck. 20'8" x 5'1". Coam. 30 x 54. Rest 3". Coam. 2 1/2". Cleats 21" opt. 2 tarpaulins. ✓
	Brackets, Stays ... 4	2	3	2	2	Hatch on upper deck to magazine 4'6" x 4'0". Coam. 30 x 44. Rest 3". Coam. 2 1/2". Cleats 18" opt. 2 tarp. ✓
HATCH BEAMS	Number ... 3	9	3	7	3	Coal hatch on casing top. 6'6" x 19'0". Coam. 9 x 3 1/2 x 40 B.A. Rest 3". Coam. 2 1/2". Cleats 24" opt. 2 tarpaulins. ✓
	Spacing ... 5'0 3/8"	4'10 1/2"	5'5 3/4"	4'5 1/2"	5'5 3/4"	20'8" x 18'0". Coam 30 x 50. Ends 44. Side stiffeners 7 x 3 x 40 B.A. with 2-9 chl. stays. Top plate 28 stiffeners 8 x 3 1/2 x 8 1/2 x 3/32 channels spaced 27" opt. with 8 x 3 1/2 runner bar for 10'0" at centre. Coam side angle 10 x 4 x 75. ✓
	Scantling and Sketch	16 x 36	11 x 40	18 x 36	11 x 40	18 x 36
	Bearing Surface	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"
FORE AND AFTERS	Number ...					
	Spacing ...					
	Unsupported Lengths ...					
	Scantling and Sketch					
	Bearing Surface					
HATCH COVERS	Material ...	W.P.	W.P.	W.P.	W.P.	W.P.
	Thickness ...	2 7/8	2 7/8	2 7/8	2 7/8	2 7/8
	How fitted ...	1.0 A	1.0 A	1.0 A	1.0 A	1.0 A
	Bearing Surface ...	3"	3"	3"	3"	3"
Spacing of Cleats	24"	24"	24"	24"	24"	24"
Number of Tarpaulins	1	2	2	2	2	2
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? YES.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES.</p> <p>Are lashings provided in accordance with rule requirements? YES.</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.