

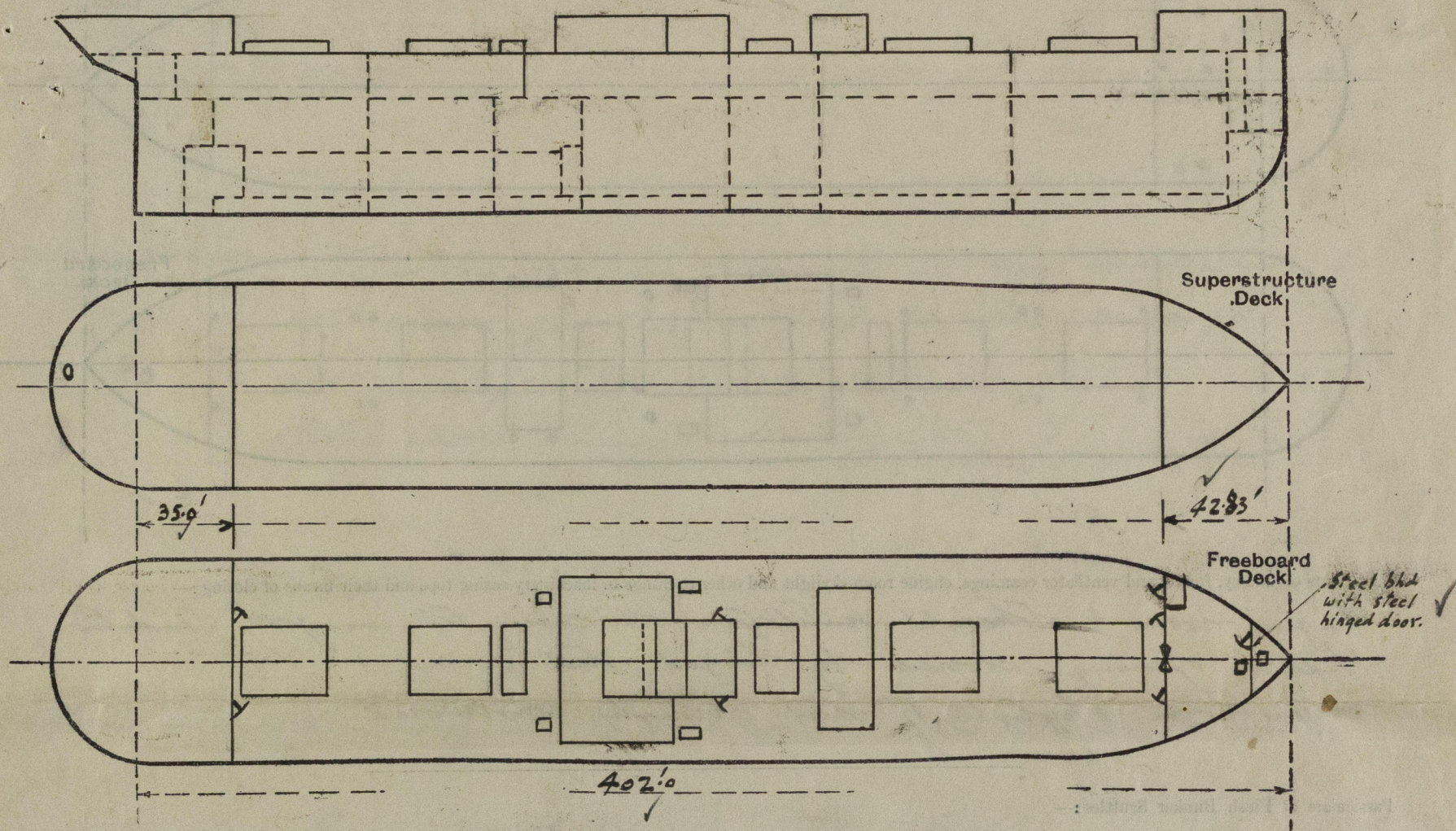
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *EMPIRE PENGUIN (ex TENNESSEAN)*Port of Survey *GLASGOW*Official Number *not yet allocated*Surveyor's Signature *J.W. Hunter*Nationality and Port of Registry *BRITISH LONDON*Date of Survey *May 1st 5th & 9th 1940*

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.

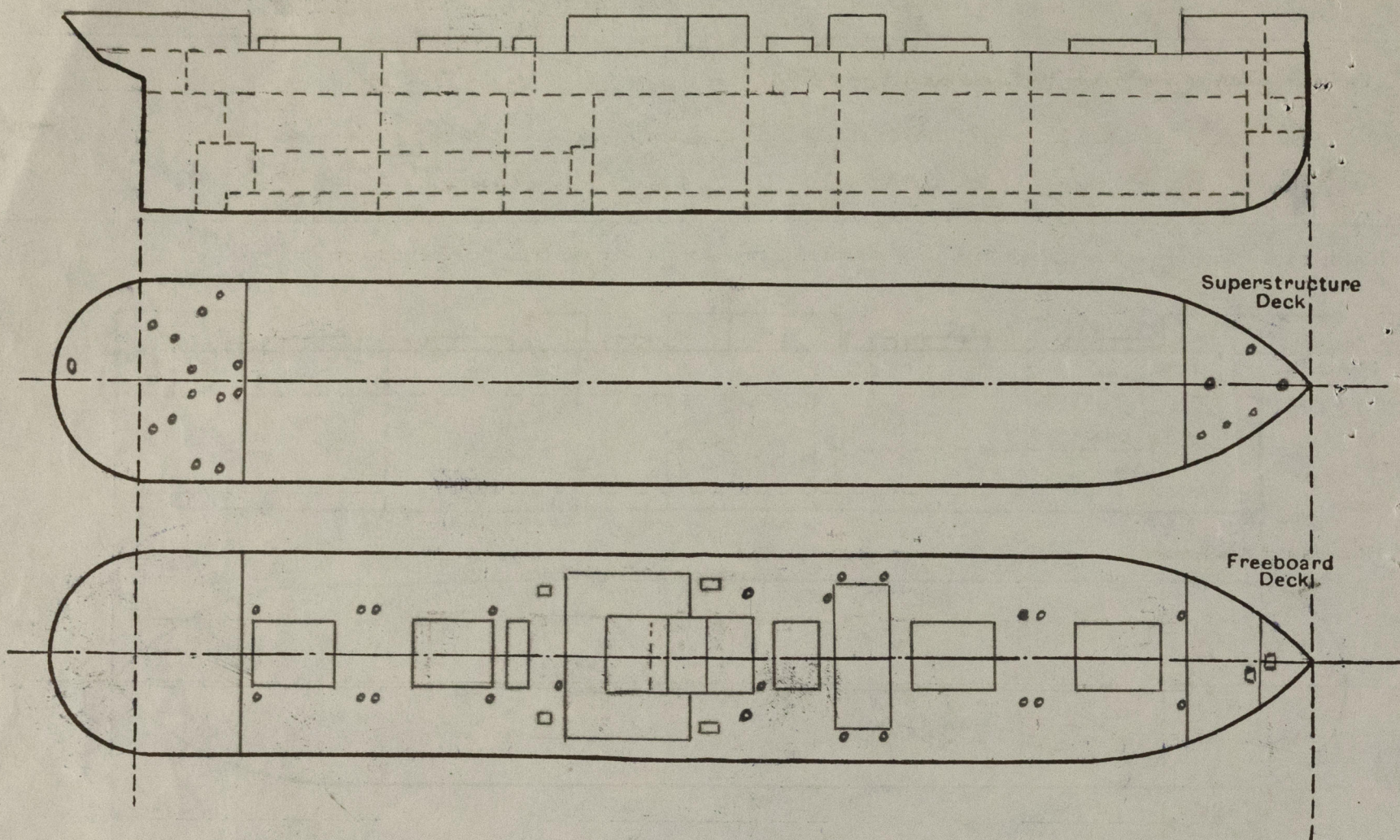
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	42	38 ✓	6x2 3/4 x 2 3/4 x 9/16	36"	Brackets at top only.	5'-6" x 2'-6"	19" ✓	7'-9" ✓
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...	34 ✓	32 ✓	3 1/2 x 3 x 3/2 ang.	36"	Brackets at top only.	1 @ 5'-6" x 4'-0" centre 3 @ 5'-6" x 2'-6" sides	15 1/2" ✓ 17" ✓	7'-9" ✓
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	36 ✓	32 ✓	3 1/2 x 3 x 40 ang.	28" to 36"	Brackets at top only.	4'-2" x 2'-0"	25" ✓	8'-5" ✓
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 ...	<i>Hinged steel watertight doors manipulated both sides ✓</i>
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	<i>Centre-Stormboards in riveted channels. Sides Hinged steel doors operated both sides ✓</i>
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	<i>Hinged steel doors manipulated both sides ✓</i>
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :—

Engine room & stokehold ventilators on casing top in good condition ✓
Fiddley openings covered by hinged steel covers. ✓
Engine room skylight of steel strongly constructed. ✓

Particulars of Flush Bunker Scuttles:—

home ✓

Particulars of Companionways :—

None.

Skylights on roof of steel strongly constructed.

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

No.	Loc.	Particulars	Height	Width	Area	Remarks
1	Mushroom ventilator	on fore deck to lavatory in fore	12" high	8" dia		✓
3	"	" " " " crew space	8" high	6" dia		✓
1	ventilator	coaming on fore deck to stow coaming	36" high	10" dia	.35	✓
1	"	" " " " fore space	39" high	11" dia	.35	✓
2	"	" " " " upper " " holds	10-9" high	20" dia	.46	(Bltd. to fore) ✓
4	"	" " " " " " "	36" high	18" dia	.40	✓ X Stay
2	"	" " " " " " "	27" high	20" dia	.40	✓
2	"	" " " " " " "	42" high	14" dia	.36	✓
2	"	" " " " " " " trans.	42" high	14" dia	.36	✓
2	"	" " " " " " " "	23-0" high	23" dia	.50	Samson posts stayed ✓
4	"	" " " " " " " holds	36" high	17" dia	.40	✓ Stay
1	"	" " " " " " " trans.	24" high	8" dia	.20	✓
4	"	" " " " " " " holds	36" high	17" dia	.40	✓
4	"	" " " " " " " poop " " tunnel	36" high	23" dia	.34	✓
6	"	" " " " " " " crew space	36" high	9" dia	.30	✓
4	"	" " " " " " " "	18" high	11 1/2" dia	.26	✓
2	Mushroom vents.	on poop deck to lavatories in poop	12" high	8" dia		✓

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure deck.

all cowls ventilators are fitted with wood plugs & covers. ✓

Ventilators not stayed unless marked. ✓

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

[illegible]

Particulars of Gangway Cargo and Coaling Ports:—

None

Empire Penguin.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Upper deck scuppers discharge 18" below
freeboard deck. No valves. ✓
Sanitary discharges are fitted with storm valve at
ship's side. ✓

Particulars of Side Scuttles:—

To stow etc. in forecabin 10" dia. sidelights ✓
To crew's quarters in poop 10" dia. sidelights ✓
all sidelights of substantial construction and
fitted with hinged deadlights. ✓

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

No sidelights below freeboard deck. ✓

Particulars of Guard Rails:—

Round Poop & fore open rails 3'-8" high with 3 rods & having
stanchions spaced about 4'-6" apart
Upper deck open rails all fore & aft 3'-8" high with 3 chains (3 tubes abreast
deckhouses) & having stanchions spaced about 4'-3" apart. ✓ (Stales by
Queneyon to be efficient in the meantime (Form C 11(c) dated 4/12/40)

Particulars of Gangways, Lifelines, etc.:—

4" Manila Port & Starboard from
Forecabin to Poop. ✓

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		None ✓				

State position of each freeing port
(F. and A. position and height above deck edge) { After Well:—
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.



© 2019

Lloyd's Register
Foundation

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.													
Description of Hatchway		Upper deck											
		No. 1.	No. 2	No. 3.	Deck Tank Hatch	No. 4	No. 5	Coal Hatch P&S	Coal Hatch P&S	Fore Peak Hatch	Chain Locker	St. Gr. Access	Machinery
Dimensions of Hatchway		3p'-6"x18'-0"	30'-6"x18'-0"	15'-6"x18'-0"	8'-4"x18'-0"	29'-0"x18'-0"	30'-6"x18'-0"	7'-6"x2'-6"	5'-0"x2'-6"	3'x3'	2'-2"x2'-6"	1'-9"	2'-0"
COAMINGS	Height above Deck	36"	36"	36"	36"	36"	36"	31"	31"	3"	3"		16"
	Thickness	.46	.46	.46	.46	.46	.46	.46	.46	.46			
	Sides	.46	.46	.46	.46	.46	.46	.46	.46				
	Ends	.46	.46	.46	.46	.46	.46	.46	.46				
Stiffeners		Channels	Channels	Channels	Channels	Channels	Channels	Channels	Channels				
Brackets, Stays		40 Plate	40 Plate	40 Plate	40 Plate	40 Plate	40 Plate						
HATCH BEAMS	Number	5	5	3	1	5	5						
	Spacing	5'-1"	5'-1"	3'-4" to 4'-6"	4'-2"	4'-10"	5'-1"						
	Scantling and Sketch	17x38	17x38	17x38	17x38	17x38	17x38	none	none	none	none		
		4x3x.45	4x3x.45	4x3x.45	4x3x.45	4x3x.45	4x3x.45						
Bearing Surface		4	4	4	4	4	4						
FORE AND AFTERS	Number												
	Spacing												
	Unsupported Lengths												
	Scantling* and Sketch	none	none	none	none	none	none	none	none	none	none		
Bearing Surface													
HATCH COVERS	Material	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.		
	Thickness	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2		
	How fitted	FLA	FLA	FLA	FLA	FLA	FLA	FLA	FLA	FLA	FLA		
	Bearing Surface	3	3	3	3	3 1/2	3 1/2	3	3	3	3		
Spacing of Cleats		27"-29"	27"-29"	25"-29"	30"	29"-29"	27"-29"	26"-17"	24"-17"				
Number of Tarpaulins		2	2	2	2	2	2	2	2				
*Are wood fore and afters steel shod at all bearing surfaces? none													
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.