

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

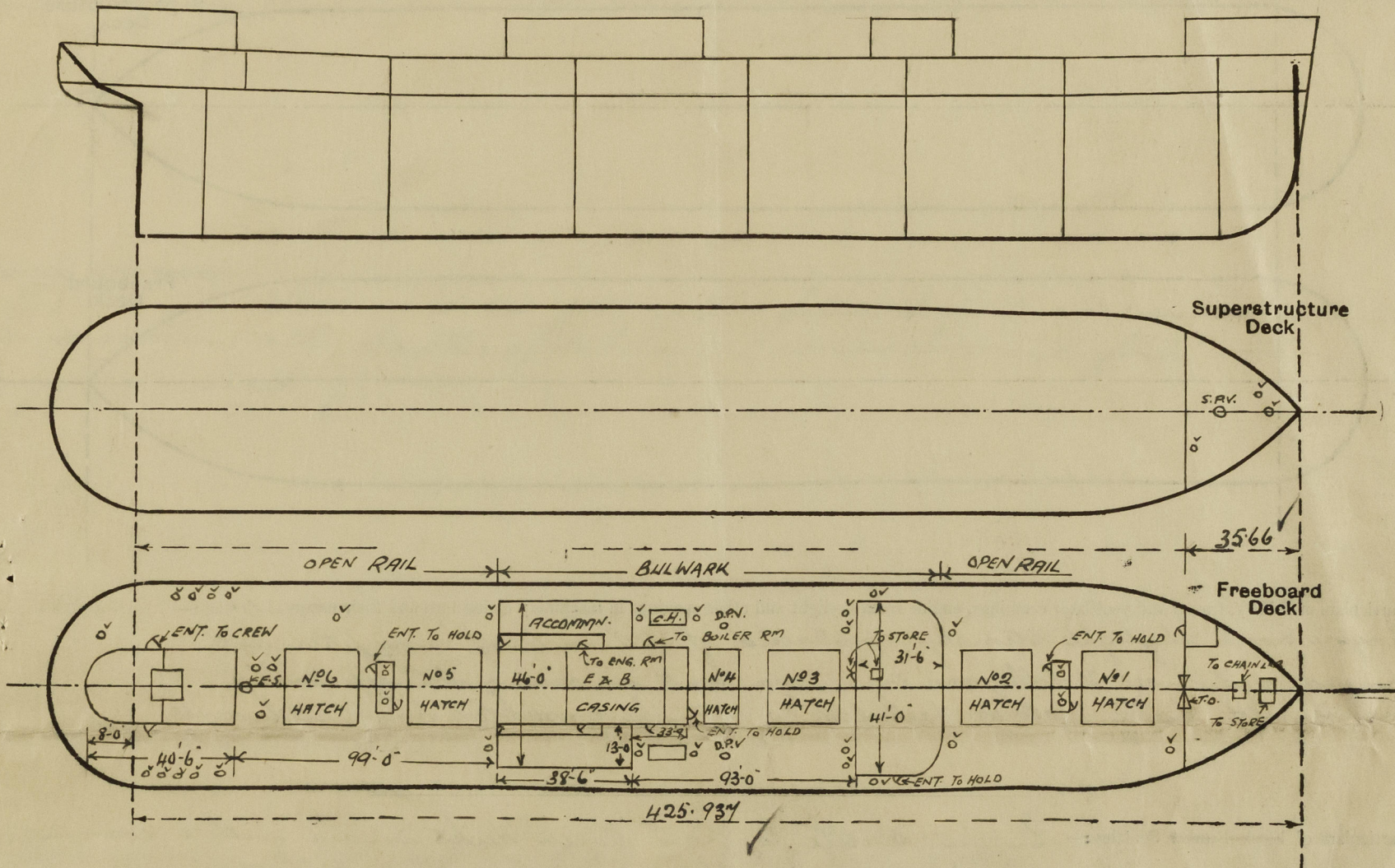
Index No. 36813
(For London Office only).

29 APR 1942

No. 9301.

Ship's Name *EMPIRE PRINCE* Port of Survey *Dundee*
Official Number *166214* Surveyor's Signature *H.M. Queen*
Nationality and Port of Registry *British, Dundee* Date of Survey *During Construction*

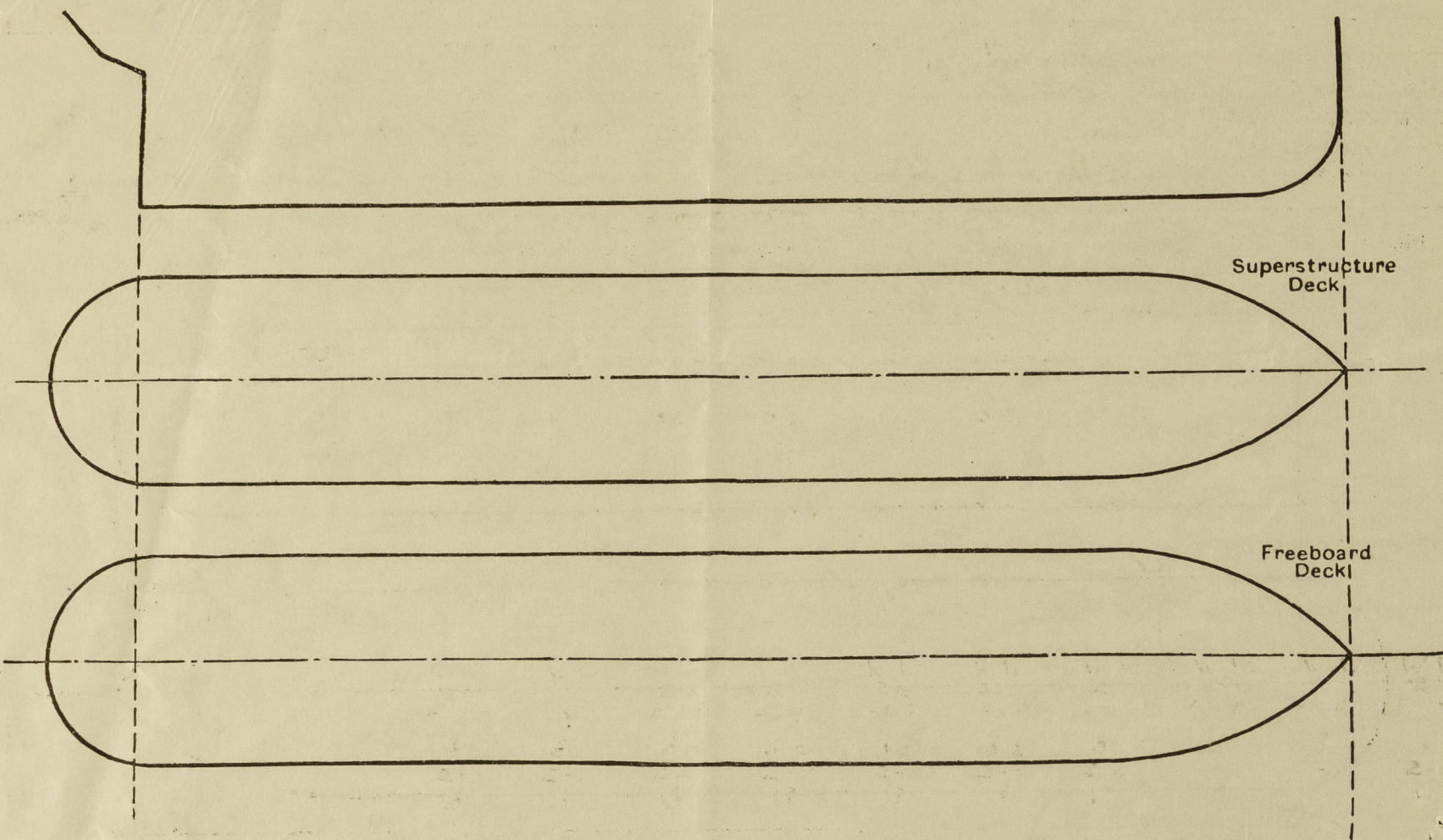
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement : --



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 ... ..	.30	.30	4 x 3 x 5/16	30"	NONE	5'-0" x 4'-0" & 5'-0" x 2'-3"	12"	6'-9"
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.35	.30	3 1/2 x 3 x .40	31"	NONE	5'-0" x 2'-3" FIDBY 5'-0" x 2'-3" ENGLT.	22"	4'-9"
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships	ENGINEERS HOUSE 34" FWD, 28" SIDES 30" FWD, 25" SIDES 34" FWD, 25" SIDES	"	3 x 3 x 30 & REV 3 x 3 x 28	2'-9" FWD & 3'-3" SIDES	BKTS TOP & BOTTOM	5'-0" x 2'-0"	18"	7'-6"
AFTER HOUSE	34" FWD, 25" SIDES	"	5 x 3 x 35 & 3 x 3 x 35 SIDES	2'-9" TO 3'-3"	BKTS TOP & LUGS BOTTOM	5'-0" x 4'-0" & 5'-0" x 2'-0"	22" & 18"	4'-6"
	.30	.25	3 x 2 1/2 x 1.30	2'-0" TO 3'-0"	NONE	5'-0" x 2'-0"	22" & 18"	8'-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 Decks ...	Steel plates secured by look bolts, 12" apart & steel door (its carpenters lock)							
Exposed Machinery Casings on Superstructure Decks	Steel doors to Liddley & wooden doors to engine room. Operated both sides.							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships ...	Steel doors manipulated both sides.							

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 skylight strongly constructed of steel on top of casing fitted with hinged steel covers. Liddley and engine room vents on casing top efficiently constructed. Lidley gratings protected by strongly constructed hinged steel covers.

Particulars of Flush Bulkhead Scuttles:— Escape scuttle to No. 6 tween decks 24" dia, with 6" coaming, hinged top with strongback and rubber joint. Torpedo boat pattern. ✓

Particulars of Companionways:— Entrance to holds through doorway in steel casings strongly constructed on
 foreboard deck with w. l. doors 3'-6" x 1'-6", sills 2'-0" manipulated both sides by turnbuckles. Entrance
 to ship's store room amidships is thro' doorway in steel casing strongly constructed double steel
 door 5'-0" x 4'-0", sill 22" manipulated both sides. Entrance to crew quarters aft is through doorway
 in steel casing strongly constructed steel door 4'-9" x 2'-0" sill 22" operated both sides. ✓

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

1-10 DIA. VENT. TO FORE PEAK STORE ROOM. LAMING.	36" x 35"	ON FLOOR DECK.
2-8 " " " TWELVEN DECKS.	36" x 30 "	" " " ✓
1-23 " SAMPSON POST VENT TO HOLD & TWELVE DS	9'0" x .50 "	" " " ✓
1-18 " VENT (S) TO HOLD AND TWELVEN DECKS.	36" x .40 "	UPPER DECK ✓
1-36 " " (PIS) " " " "	24" x .30 "	MAST HOUSE ✓
1-19 " " " " " " "	10-6" x .40 "	UPPER DECK STAYED TO HOUSE ✓
1-15 " " " STORE ROOMS.	31" x .36 "	UPPER DS ✓
1-12 " " " TWELVEN DECK.	31" x .34 "	" " " ✓
1-14 1/2 " " " HOLD.	30" x .36 "	" " " ✓
1-12 " " " TWELVEN DECK.	30" x .34 "	" " " ✓
1-14 1/2 " " (S) " " "	30" x .36 "	" " " ✓
1-12 " " (PIS) " " "	30" x .34 "	" " " ✓
1-14 " " (P) " " "	30" x .40 "	" " " ✓
2-12 " " (PIS) " COAL BUNKER.	30" x .34 "	" " " ✓
1-18 " " " HOLD & TWELVEN DS	30" x .40 "	" " " ✓
1-36 " " " " " " "	24" x .30 "	MAST HOUSE. ✓
1-19 " " " " " " "	30" x .40 "	DS ✓

all vents closed with wood plugs
and canvas covers and
constructed in accordance
with Rule Requirements. ✓

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and canvas covers and
constructed in accordance
with Rule Requirements. ✓

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

1-4 DIA'S	AIR	PIPE	TO	FOR	PARK	TANK	ON	FSCLE DECK	1'-6" HIGH.
1-2 1/2	"	"	P	"	N°1	TANK	"	"	"
1-2 1/2	"	"	(P/S)	"	"	"	"	WARRER	2'-9"
1-4	"	"	"	"	N°2	"	"	"	"
1-3	"	"	"	"	"	"	"	"	"
1-4	"	"	"	"	N°3	"	"	"	"
1-3	"	"	"	"	"	"	"	"	"
1-4	"	"	"	"	N°4	"	"	"	"
1-3	"	"	"	"	"	"	"	"	"
1-2 1/2	"	"	"	"	DAY TANK.	"	"	"	"
1-3	"	"	"	"	N°5	"	"	"	"
1-4	"	"	"	"	N°6	"	"	"	"
1-2	"	"	"	"	"	"	"	"	"
1-2 1/2	"	"	"	"	N°4.	"	"	"	"
1-4	"	"	"	"	RET DECK TANK.	"	"	"	"

A diagram of a curved beam, likely a cantilever, with a vertical height H indicated by a dimension line on the right.

all air pipes fitted with wood plugs

Particulars of Gangway Cargo and Coaling Ports:— *NONE.*

Particulars of Scuppers and Sanitary Discharge Pipes:— Sanitary discharges from accommodation amidships discharge overboard below the freeboard deck and are fitted with storm valves at ship's side. Sanitary discharges and scuppers from accommodation in 'tween deck aft discharge overboard below the freeboard deck and are fitted with storm valves geared to upper deck. Scuppers from freeboard deck in f'side fitted with storm valves at ship's side. 'Tween deck scuppers led to bilges. Psh shoot starboard side fitted with flap at inner end.

Particulars of Side Scuttles:—

Particulars of Side Scuttles:— There are 10" dia. side scuttles fitted to ship side in crew accommodation aft. Scuttles of substantial construction and fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 34'-8

Particulars of Guard Rails:— Guard rails on Loele deck 3'3" high, 2 rods.
Guard rails on upper deck clear of accommodation 3'6" high, 3 rods.
Bulwark in way of accommodation 3'6" high suitably stayed.

Particulars of Gangways, Lifelines, etc.:— *Provision has been made for fitting life line fore & aft.*

Particulars of Freeing Arrangements.

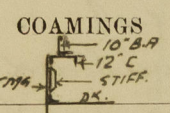
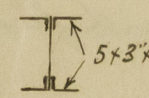
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side!
After Well						
Forward Well						

State position of each freeing port	{ After Well :—
(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 :—

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	Nº 3	Nº 4	Nº 5	Nº 6	SMALL COAL HATCHES	HATCH TO CHAIN LOCKER	HATCH TO PERK STAIRS	COAL HATCH ON CASING TOP.
Dimensions of Hatchway	...	...	31'-6" x 20'-0"	31'-0" x 20'-0"	31'-0" x 20'-0"	12'-11" x 20'-0"	31'-0" x 20'-0"	31'-0" x 20'-0"	15'-6" x 5'-0"	2'-0" x 2'-6"	4'-0" x 3'-0"	5'-3" x 20'-0"
COAMINGS		Height above Deck	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	9" B.A.	9" B.A.	9" B.A.	
		Thickness	.45	.45	.44	.46	.44	.44	.44	.44	COAMING	COAMING	COAMING
		Stiffeners	.44	.44	.44	.44	.44	.44	.44	.44	✓	✓	✓
		Brackets, Stays	12" E & 3 x 3 x .44 VERT.	STIFFENERS AT WEBS	7 x 3 x .408 A	1 STAY	✓	✓	✓				
HATCH BEAMS		Number	5	5	5	1	5	5					
		Spacing	5'-3"	5'-2"	5'-2"	6'-5 1/2"	5'-2"	5'-2"					
		Scantling and Sketch	18 1/2 x .36 WITH 5 x 3 x .38 BL ANGLE TOP AND BOTTOM.	16 3/4 x .36 WITH 5 x 3 x .38 BL TOP & BOTTOM	16 3/4 x .36 WITH 5 x 3 x .38 BL TOP & BOTTOM	19 1/2 x .38 WITH 5 x 3 x .38 BL TOP & BOTTOM	16 3/4 x .36 WITH 5 x 3 x .38 BL TOP & BOTTOM	16 3/4 x .36 WITH 5 x 3 x .38 BL TOP & BOTTOM	NONE				
		Bearing Surface	3 1/2	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	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
HATCH COVERS		Material	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	
		Thickness	2 1/2	2 1/2	2 1/2	3	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	
		How fitted	F & A. ✓	F & A. ✓	F & A. ✓	F & A. ✓	F & A. ✓	F & A. ✓	TRANS. ✓	F & A. ✓	F & A. ✓	F & A. ✓	
		Bearing Surface	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3	3	3	3	
Spacing of Cleats	...	...	...	...	...	...	...	...	...	...	...
Number of Tarpaulins	...	...	...	...	...	...	...	...	...	...	...
*Are wood fore and afters steel shod at all bearing surfaces? ✓													
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. LOCKING BARS FITTED AT ALL HATCHES. ✓													

Particulars of any special features:—

DISPLACEMENT PARTICULARS		
DRAFT	DISPLACET.	T.P.I.
27'-7 1/2"	14505	49.34
26'-7 1/2"	13906	49.0
25'-7 1/2"	13325	48.62

openings in 'tween deck bulkheads except for 87, are closed as required by the D.M.S.R. letter M.S. 1835 of 21-3-40. ✓

Endorse Certificate for Deeper Loading.

Over T.

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.