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# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

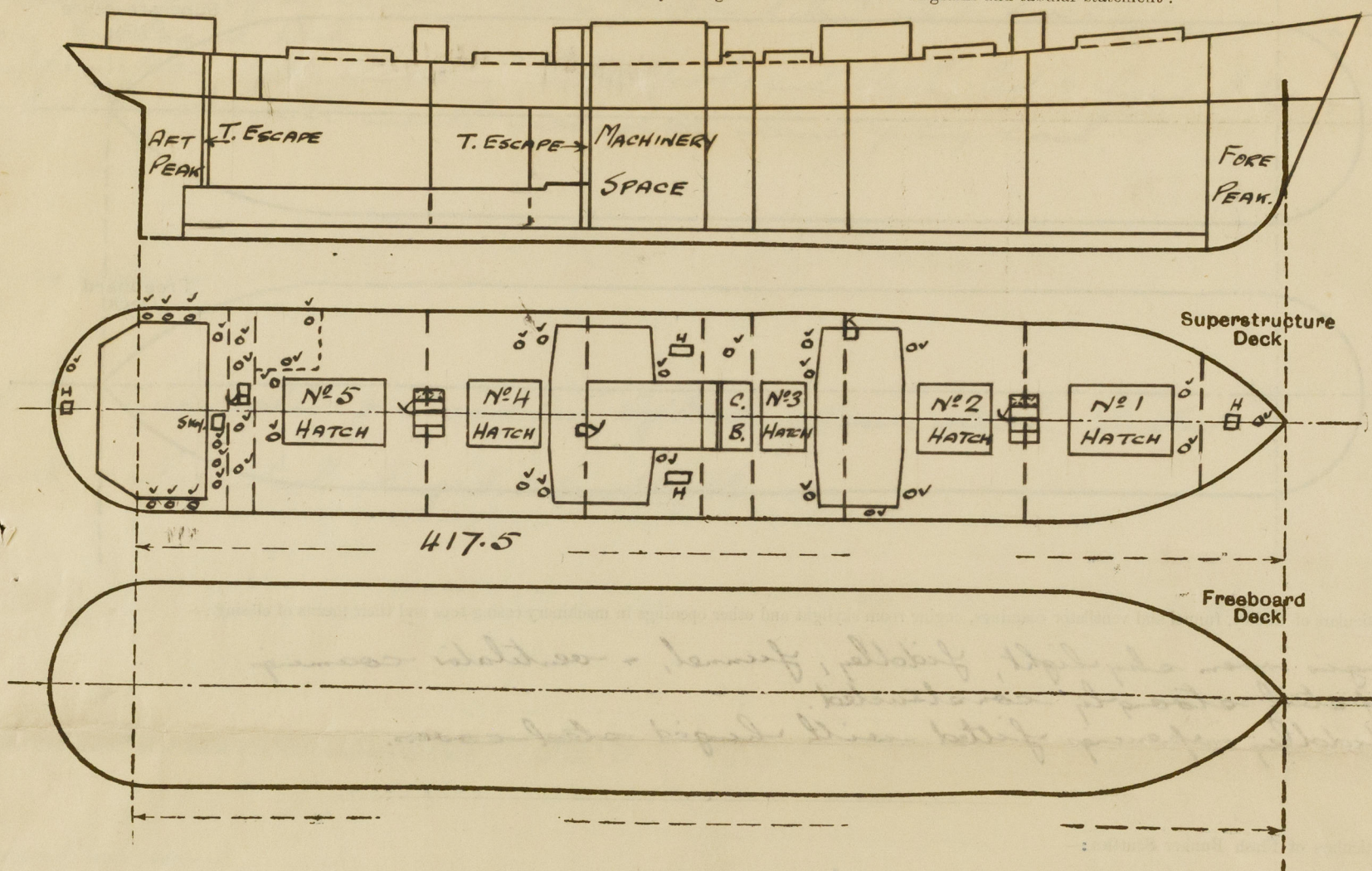
(CONDITIONS OF ASSIGNMENT.)

B.T. COPY.

N<sup>o</sup> 33220

Ship's Name SS. EMPIRE HALLEY <sup>NN</sup> Port of Survey Sunderland  
 Official Number 169001 <sup>PIETER DE HOOFF</sup> Surveyor's Signature M<sup>r</sup>. B. Miller  
 Nationality and Port of Registry BRITISH, SUNDERLAND 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
<del>Deep</del> Bulkheads in Tween Decks	Carried W.T. up to Freeboard Deck					✓		
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead ...		✓						
Bridge, Forward Bulkhead ...		✓						
Forecastle Bulkhead ...		✓						
Trunk, Aft ...		✓						
Trunk, Forward ...		✓						
Exposed Machinery Casings on Freeboard <del>or Raised Quarter Deck</del> ...	34	30	3x3x 5/16	30"	Continuous	5'-0" x 2'-0"	24"	✓
Exposed Machinery Casings on Superstructure Decks ...		✓						
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	34 & 30	34 & 30	5x3x 5/16 OR to 3x3x 5/16	30"-36"	Bhtd.	5'-0" x 2'-0"	18"	7'-6"
Deckhouses on Flush Deck Ships	Aft 30	30	3x3x 5/16	24"-42"	do.	5'-0" x 2'-0"	24"	7'-6"

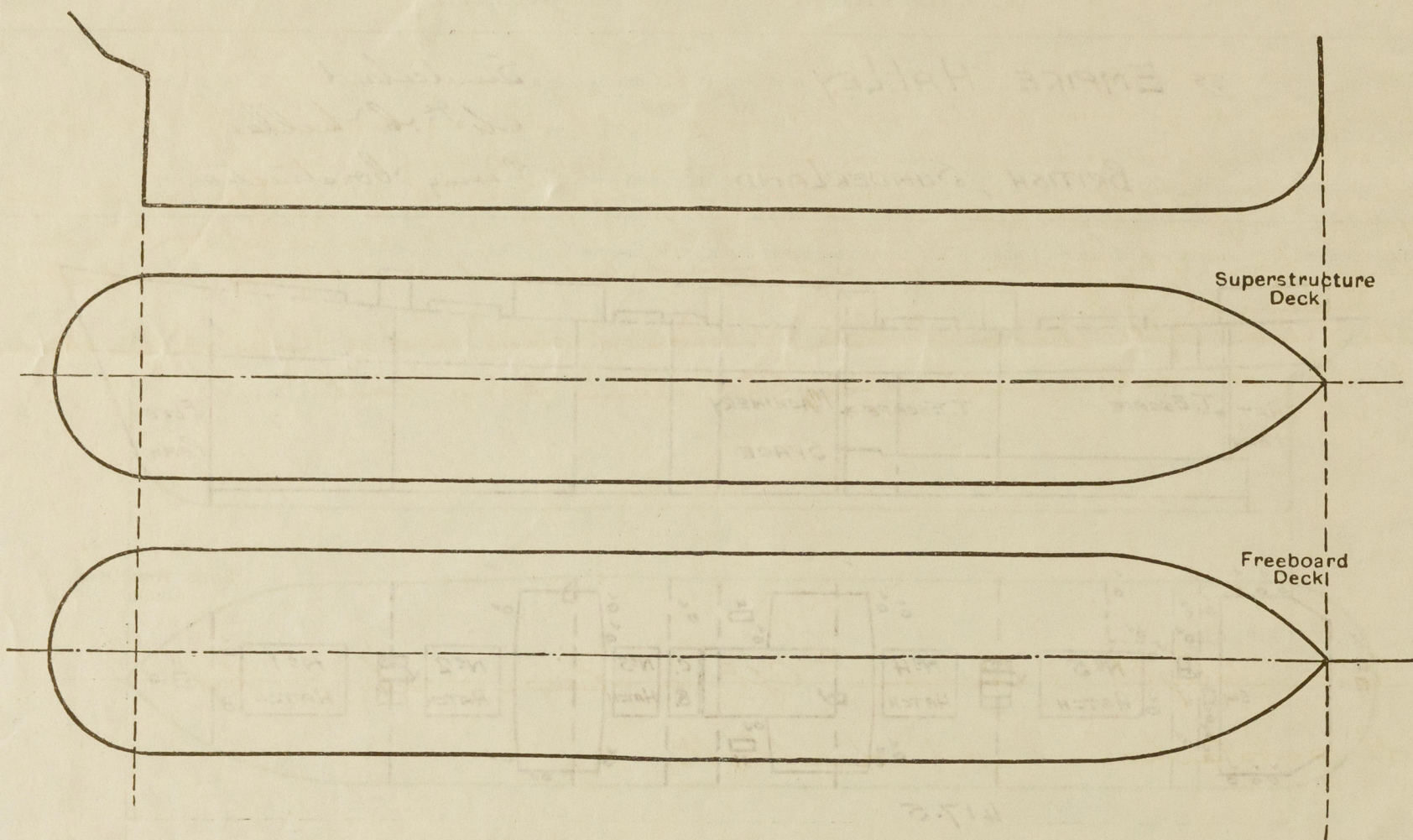
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

<del>Deep</del> Bulkheads in Tween Decks	Steel plate door with through bolts. Door on forward bulkhead riveted.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard <del>or Raised Quarter Deck</del> ...	Hinged steel door operated from both sides.
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships	2" teak door operated from 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Engine room skylight, fiddle, funnel, & ventilator coamings of steel strongly constructed. Fiddle openings fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:— on Freeboard Deck.

To After Accom<sup>2</sup> Deck opening 2'6" x 4'9", plating 26, 2" teak door 5'0" x 2'0", 21" coaming.  
To Fore Deck Bunker in Fore Hatch Deck opening 3'0" x 3'0", plating 30, 3" steel door 5'0" x 2'0", 18" coaming.  
Skylight to After Accom<sup>2</sup> 3'0" x 3'0", plating 30, 22" to lip.

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

1-10"	Fore Peak Stow	Coaming	36" x 32"
6-24"	"	"	36" x 42"
2-18"	"	"	10'6" x 40" stayed
1-18"	"	"	36" x 40"
2-12"	"	"	10'6" x 34" stayed
2-8"	"	"	36" x 30"
2-12"	"	"	36" x 34"
2-18"	"	"	36" x 40"
2-9"	"	"	36" x 32"
5-10"	"	"	36" x 32"
9-6"	"	"	36" x 30"
1-12"	"	"	36" x 34"

ventilation fitted with wood plugs & canvas covers

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

All air pipes 30" in height to lip, fitted with wood plugs.

"EMPIRE HALLEY"

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scupper from Cargo Loco Deck, led to bilge, self closing cock in E.R. Bilge.  
5' x 2 1/2" slots cut in stringer bar on Freeboard Deck, to drain deck.  
Discharge from space on & above freeboard deck, led to N.R. valves in tween decks.  
Scupper from Refrig. Space below freeboard deck, led to N.R.V. controlled from Freeboard Deck.  
Discharge from After Accom<sup>2</sup> below freeboard deck, led to N.R. Valves, controlled from Freeboard Deck.  
Scupper from After Accom<sup>2</sup> below freeboard deck, led to hold bilge open ended or to tunnel well with weighted loose plug cock.

Particulars of Side Scuttles:—

10" dia. sidelights to Accom<sup>2</sup> Aft in tween decks, fitted with substantial hinged deadlights.

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

35'6"

Particulars of Guard Rails:—

In way of Accom<sup>2</sup>, bulwark 3'6" high, 126'9" in length, plating 26, rail 6'3 1/2" x 1 1/2".  
In remainder of Freeboard Deck, rails 3'6" high, 3 rods, stanchions 5'0" apart.

Particulars of Gangways, Lifelines, etc.:—

One 2 1/2" manilla lifeline supplied, with fittings 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 ... ..	✓					
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. ✓



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### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD <del>AND SUPERSTRUCTURE DECK</del>											
Description of Hatchway				N <sup>o</sup> 1	N <sup>os</sup> 2, 4, 5	N <sup>o</sup> 3	CROSS BUNKER	2 BUNKER HATCHES	HATCH TO STORE FOR	HATCH TO STEERING GEAR	BUNKER HATCH ON CASING TOP
Dimensions of Hatchway				33'-9" x 20'	35' x 20'	15' x 20'	8' x 20'	7'-2 1/2" x 4'-0"	3'-6" x 2'-6"	1'-9" x 2'-0"	4'-5" x 18'-6"
COAMINGS	{	Height above Deck	...	30	do.	do.	do.	30	24	24	
		Thickness	...	4 1/4	do.	do.	do.	4 1/4	4 1/4	4 1/4	9 x 3 1/2 x 7/16
		Stiffeners	...	8 x 3 1/2 x 7/16	9 x 3 1/2 x 7/16	7 x 3 x 3/8	7 x 3 x 3/8				
		Brackets, Stays	plate	3	3	1	1				
HATCH BEAMS	{	Number	...	5	5	2	1				
		Spacing	...	equal	do.	do.	do.				
		Scantling and Sketch	...	5 x 3 x 3/8	do.	do.	do.	✓	✓	✓	✓
		Bearing Surface	...	18 1/2 x 35	18 1/2 x 34	do.	18 1/2 x 32				
FORE AND AFTERS	{	Number	...								
		Spacing	...								
		Unsupported Lengths	...								
		Scantling* and Sketch	...								
HATCH COVERS	{	Material	...	R.W.				R.W.			
		Thickness	...	3"				3			
		How fitted	...	F & A.				ATHWART.			F & A.
		Bearing Surface	...	5' x 3"	do.	do.	do.	2 1/2'	do.	do.	do.
Spacing of Cleats				24				24			
Number of Tarpaulins				2				2			

\*Are wood fore and afters steel shod at all bearing surfaces?

Are battens and wedges efficient and in good condition?

Are tarpaulins in good condition and in accordance with rule requirements?

Are lashings provided in accordance with rule requirements?

✓

YES

YES

YES.

Locking Bars fitted on  
all main hatchways on upper deck

Particulars of any special features :—

The vessel has been built to scantling as appraised for a draught 18" in excess of that permitted by the Rules for a C.S.S. vessel having a tonnage opening.

Quint.

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.