

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

JUL 16 1937

N<sup>o</sup> 32141

Ship's Name

"NORTHLEIGH"

Port of Survey

Sunderland.

Official Number

165573

Surveyor's Signature

Jas. Kerridge

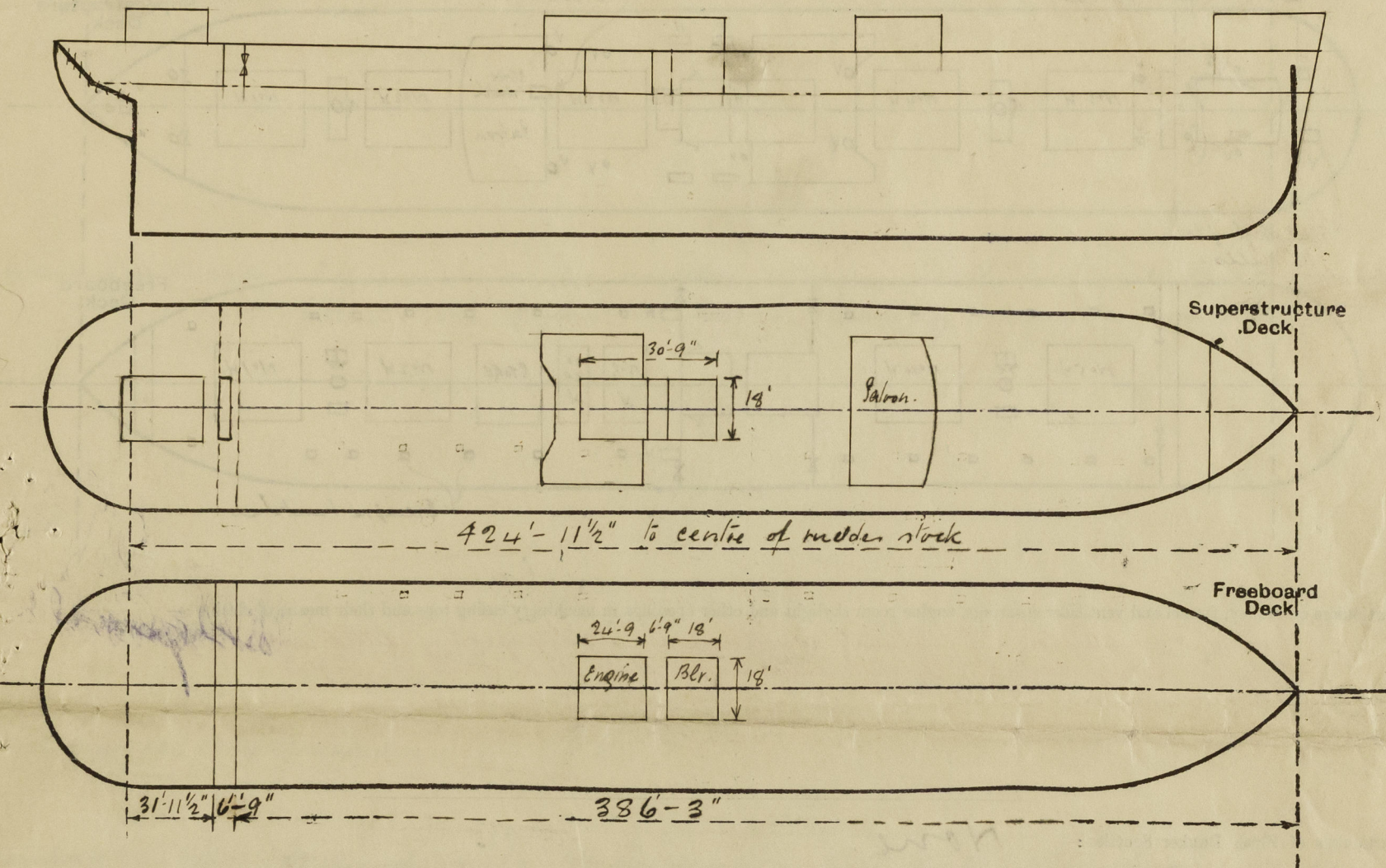
Nationality and Port of Registry

British, London.

Date of Survey

Whilst 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 ... ..	✓	30	4" + 3" + 32 L	27"-30"	Brackets Top Deck bars bottom	✓	✓	8'-6"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	✓	30	4" + 3" + 32 L	27"-30"	Deck bars	2 @ 4'-6" + 3'	24"	8'-6"
Bridge, Forward Bulkhead ... ..	✓							
Forecastle Bulkhead ... ..	✓							
Trunk, Aft ... ..	✓							
Trunk, Forward ... ..	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ... ..	34	26	3" + 3" + 30 L	27"	Port Blk top Deck bars bottom	1 Port. 18" x 10" 4'-3" + 1'-10"	18"	7'-9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	36	26	do.	27"	Deck bars	1 Port. 18" x 10" 4'-3" + 1'-10"	18"	8'-6"
Deckhouses on Flush Deck Ships ...	✓							

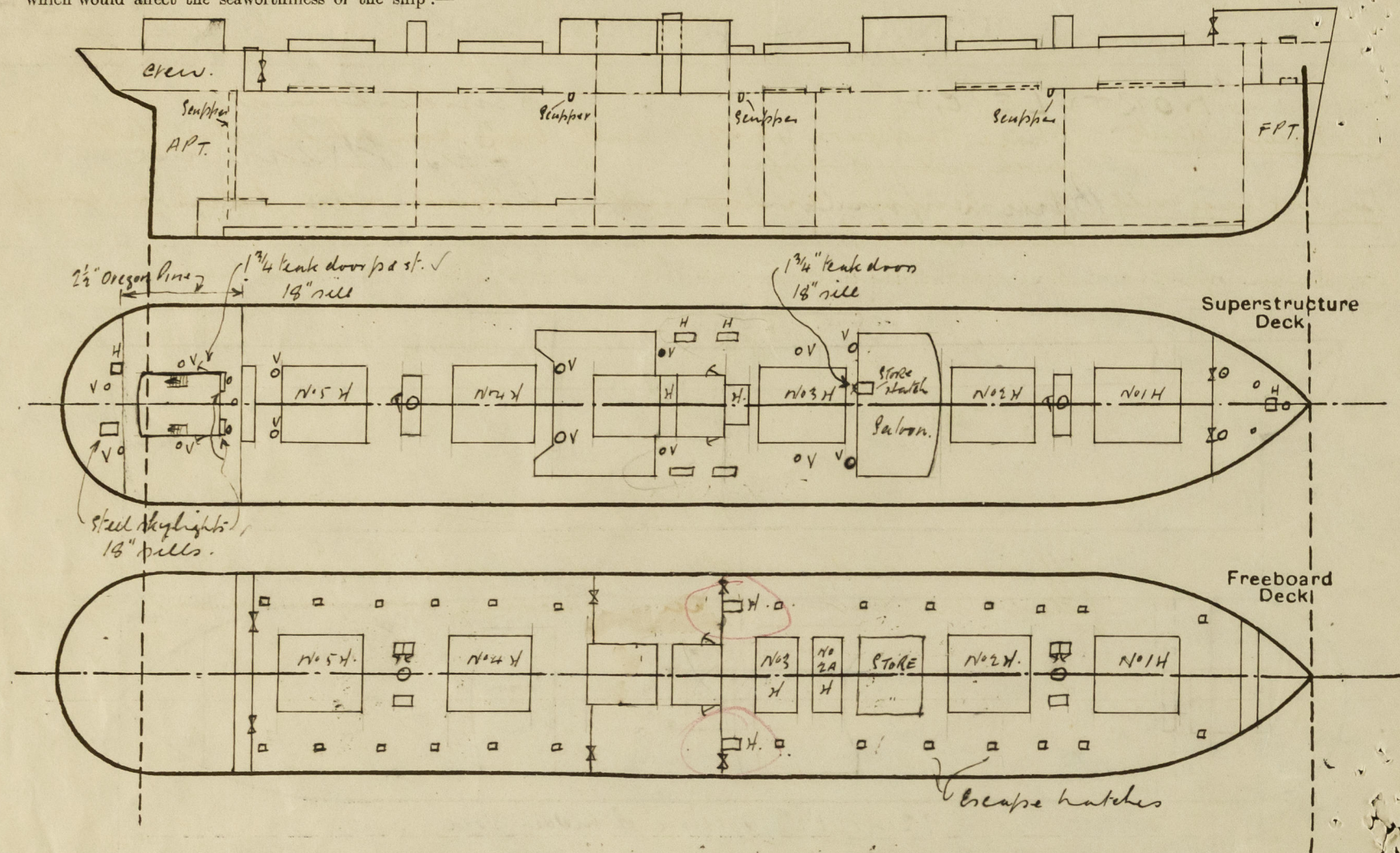
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	✓ No openings.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ... ..	Shifting boards 3 1/2" thick in milled channels.
Bridge, Forward Bulkhead ... ..	✓
Forecastle Bulkhead ... ..	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ... ..	Hinged steel doors, securing from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	do. do.
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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

*Funnel & ventilators of efficient construction. Fiddle grating fitted with hinged steel cover. Engine room skylight of steel with hinged flaps and ball of lights.*

Particulars of Flush Bunker Scuttles:—

*None.*

Particulars of Companionways:—

*None.*

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

Fore Dk.	10 F.P. Stone.	One vent.	Coaming 36" high 6" dia.	30" thick
"	Fore space.	Two	" 36" "	6" " 30" "
"	Hold & Green dke	Two	" 36" "	18" " 40" "
Upper Dk.	" " " "	Two	" 9-3/4" "	18" " 40" " slanted.
"	" " " "	"	" 30" "	9" " 32" "
"	" " " "	"	" 30" "	9" " 32" "
Casing Tps.	Hold.	"	" 30" "	18" " 40" "
Upper Dk.	" " " "	Two	" 30" "	18" " 40" "
"	" " " "	One	" 30" "	10" " 32" "
"	" " " "	Two	" 32" "	9" " 32" "
"	" " " "	Four	" 30" "	8" " 30" "
"	" " " "	Two	" 31" "	8" " 30" "

*All ventilators fitted with wooden plugs & canvas covers.*

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

Fore Dk.	10 F.P. Tank.	One air pipe	3 1/2" dia.	18" high to top.
Upper Dk.	" No 1 d.k. tank.	do.	3" "	18" "
"	" " " "	Two air pipes	2 1/2" "	18" "
"	" " " "	"	3" "	18" "
"	" " " "	"	2 1/2" "	18" "
"	" " " "	"	3" "	18" "
"	" " " "	"	3" "	18" "
"	" " " "	"	3" "	18" "
"	" " " "	Three	3" "	18" "
"	" " " "	Two	2 1/2" "	18" "
"	" " " "	"	3" "	18" "

*All air pipes fitted with wooden plugs.*

Particulars of Gangway Cargo and Coaling Ports:—

*None.*

Particulars of Scuppers and Sanitary Discharge Pipes:—

*In main deck. Three Scuppers 4 1/2" x 2 1/2" with brass non return valves, fitted on each side of ship.  
In lower well. One Scupper 3 1/2" dia with no storm valve, fitted on each side of ship.  
In crew space. One scupper port & starboard 2" dia led to tunnel well.*

Particulars of Side Scuttles:—

*Efficient side scuttles 12" dia with hinged steel deadlights fitted in crew space & steering compartment aft.*

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

*38'-3"*

Particulars of Guard Rails:—

*Guard rails three rows 3'-6" high standards spaced 5' apart.  
Steel bulwark around ships 3'-6" x 30. rail bar 5 1/2" x 3 x 40 efficiently stiffened. (Bulwark 144' long approx.)*

Particulars of Gangways, Lifelines, etc.:—

*None.*

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Port	Number each side	Area each side	Rule area each side
Tonnage After Well	...	...	3'4" x 1'7 1/2"	one.		
Forward Well	...	...				

State position of each freeing port ... *Tonnage After Well:— 6" above deck.*

(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:— *hinged steel shutter fitted*

Additional area where sheer is less than standard.



**PARTICULARS OF PROTECTION TO OPENINGS, ETC.**

		HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
		<del>Substructure</del> <i>Deck</i>					<i>Second Deck</i>				
Description of Hatchway		No. 1	No. 2, 3, 4, 5	Bunker.	Side Bunkers 4 ft	Side Hatch aft.	No. 1.	No. 2	No. 2A	No. 3	No. 4, 5
Dimensions of Hatchway		31'-6" x 22'-6"	31'-6" x 22'-6"	5'-9" x 14'	8'-6" x 3'-6"	2'-6" x 2'	31'-6" x 22'-6"	31'-6" x 22'-6"	11'-3" x 22'-6"	15'-9" x 22'-6"	31'-6" x 22'-6"
COAMINGS	Height above Deck	30"	30"	30"	30"	18"	9 x 3 1/2 = 40	9 x 3 1/2 = 40	9 x 3 1/2 = 40	9 x 3 1/2 = 40	9 x 3 1/2 = 40
	Thickness	44	44	44	44	40	5	5	5	5	5
	Stiffeners	7 x 3 = 40	7 x 3 = 40	✓	✓	✓	✓	✓	✓	✓	✓
	Brackets, Stays	2	2	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	5	5				5	5	1	2	5
	Spacing	5'-3"	5'-3"				5'-3"	5'-3"	5'-7 1/2"	5'-3"	5'-3"
	Scantling and Sketch	Angles 4 x 3 x 53 Plate 20" x 10" x 37	Angles 4 x 3 x 53 Plate 15 x 7 1/2 x 34	none	none	none	Angles 4 x 3 x 53 Plate 24 x 12 x 40	Angles 4 x 3 x 53 Plate 22 x 11 x 38	Angles 4 x 3 x 53 Plate 22 x 11 x 38	Angles 4 x 3 x 53 Plate 20 1/2 x 10 1/2 x 37	Angles 4 x 3 x 53 Plate 20" x 10" x 37
	Bearing Surface	3 1/2	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									
	Bearing Surface										
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 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8
	How fitted Bearing Surface	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3	laid in 3
Spacing of Cleats		24"	24"	24"	21-24"	18"	23"	23"	23"	23"	23"
Number of Tarpaulins		2	2	2	2	2	1	1	1	1	1
*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?		Provision for lashing fitted.									

Particulars of any special features:—

*Other Hatches. Fore Deck. One - 3'-6" x 22'. Coaming 30" x 24. rest bar 3" cleats 16". covers 2 3/8". Two tarpaulins.*  
*Coaming Top. One - 16' x 5'-3". Coaming 12" x 40. rest bar 3". cleats 24" covers 2 3/8". Two tarpaulins.*  
*Superstructure Upper Deck. In fore One - 3'-9" x 2'-6". coaming 10" x 5 rest bar 2 1/2". cleats 36". covers 2 3/8". One tarpaulin.*  
*In mainmasthouse. Escape hatches 2 fore 2 aft 27" x 27" Trunked with hinged steel doors, securing both sides. 18" sills.*  
*Tonnage Hatch 22'-6" x 4'-6". 10" x 5 covers 2 1/2". 3" rest bar.*  
*Second Deck 26 escape hatches 9" x 5 coaming, each 24" x 24". hinged wooden covers 2 1/2" x 24" with felt packing securing clips spaced 13".*  
*Two bunker hatches. 8'-6" x 3'-6". 9" x 5 coaming. 3" rest bar. covers 2 1/2". 1 tarpaulin.*  
*Escape trunks 2 fore 2 aft openings 27" x 27" Trunked. hinged steel doors. 25 securing both sides. 18" sill.*

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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