

32  
Index. No. 31443  
(For London Office only.)  
X'pool Report  
• No 17/21

Tropical Fresh Water Freeboard ...	...
Fresh Water	” ...
Tropical	” ...
Winter	” ...
Winter North Atlantic	” ...



## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
U.D. R.R.D.									
Description of Hatchway	No 1	No 2	No 3	No 4	ESCAPE HATCH. IN FOR? WELL				
Dimensions of Hatchway	22-6 x 25-4	27 x 25	27 x 25	24-9 x 21-9	3-6 x 2-0				
COAMINGS									
Height above Deck	48" ✓	36" ✓	36" ✓	36" ✓	48" ✓				
Thickness	48 ✓	44 ✓	44 ✓	44 ✓	44 ✓				
Sides	44 ✓	44 ✓	44 ✓	44 ✓	44 ✓				
Ends	44 ✓	44 ✓	44 ✓	44 ✓	44 ✓				
Stiffeners	7 x 3 x 40	7 x 3 x 40	7 x 3 x 40	7 x 3 x 40	44 ✓				
Brackets, Stays	2 ✓	3 ✓	3 ✓	3 ✓	✓				
HATCH BEAMS									
Number	4	5	5	5	✓				
Spacing	4-7	4-6	4-6	4-1 1/2	✓				
Scantling and Sketch	5 1/2 x 3 x 46 19 x 38 ✓ 18 x 38 ✓ 4 1/2 x 3 x 46 17 x 36 ✓ 4 x 3 x 46 18 x 36 ✓	19 x 38 ✓ 5 1/2 x 3 1/2 x 46 ✓	19 x 38 ✓ 5 1/2 x 3 1/2 x 46 ✓	17 x 36 ✓ 5 x 3 x 46 ✓	✓ ✓ ✓				
Bearing Surface	3" ✓	3" ✓	3" ✓	3" ✓	2 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 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 ✓				
Bearing Surface	3" ✓	3" ✓	3" ✓	3" ✓	2 1/2 ✓				
Spacing of Cleats	20"-24" ✓	20"-24" ✓	20"-24" ✓	20"-24" ✓	20" ✓				
Number of Tarpaulins	Two ✓	Two ✓	Two ✓	Two ✓	Two ✓				

\*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? ☒

Particulars of fiddley, funnel and ventilator coamings:—

Fidley openings have steel covers permanently attached. ✓  
Engine Room skylight is of steel. ✓ The steel flaps have glass bolts  
eyes and are permanently attached. ✓

### Particulars of Flush Bunker Scuttles:—

none

Particulars of Companionways :—

1 Companionway, situated on Forecastle; of steel .25 thick & riveted to deck. ✓  
The doors are of steel & can be manipulated from both sides. ✓  
The sill of the door is 11" above the wood deck. ✓

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

2 @	14"	diameter	x .38	thick	x 4 ft	high	on upper Deck in well.	✓
3 @	14"	"	x .38	"	x 3 ft	"	Raised ½ Deck.	✓
1 @	14"	"	x .38	"	x 3 ft	"	Engine Casing to Cargo Hold.	✓
1 @	14"	"	x .38	"	x 2-9	high (above wood dk)	on Forecastle " "	✓
2 @	9"	"	x .25	"	x 2-9	"	" " " " to crew quarters	✓
1 @	9"	"	x .25	"	x 3-0	"	to Funnel	✓

The Ventilators have wooden flues.

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

The air pipes are placed close to the bulwarks. ✓ They are 3-8" high in the forward well closed with canvas covers + lashings. ✓

Particulars of Gangway Cargo and Coaling Ports:—

There are no gangway, cargo or coaling ports. ✓



Scuppers, in way of Raised Quarter Deck, each side, in sheerstrake immediately above deck. ✓  
Upper Deck.

Sanitary discharge, about 2'-5" below R.L.D., with brass storm valve, started "side" ✓  
 " " " 2'-8" " " " " Port Side. ✓

6' - 9" diam. on Port Side of Forecastle. ✓

5-9 " " Starts "

Deadlights permanently attached to substantially constructed brass frames. ✓

25 Skel belwark plate with  $6 \times 4 \times 40 \perp$  stays spaced 5'-3" apart. ✓  
6'-3" x 3" Built angle Rail Bar. ✓

Gangway at middle line from R.Q.D. Rail to Forecastle.

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 ... <i>RQD</i> ...	<i>180.5</i>	<i>3'-5"</i>	<i>2.6 x 1.8</i> <i>1.54 x 1.2</i>	<i>5</i> <i>1</i>	<i>25.25 #</i>	<i>? 36.1 #</i>
Forward Well ...	<i>92.5'</i> <i>3 x 6</i>	<i>3'-11"</i>	<i>3' x 1.8'</i>	<i>2</i>	<i>10.8 #</i>	<i>9.75 #</i> <i>10 # approx.</i>

Date position of each freeing port ...  
 B. and A. position and height above deck edge) { After Well:— *See sketch.*  
 Date whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *7' from R.Q.D. Bitt - 4 10' from Forecastle. - 8" above Deck ✓*  
 Additional area where sheer is less than standard. *Fitted with steel shutters 30 thick ✓*

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
oop Bulkhead ... ..	✓							
aised Quarter Deck Bulkhead ...								
ridge, After Bulkhead ... ..	✓							
ridge, Forward Bulkhead ... ..	✓							
orecastle Bulkhead ... ..	✓	26 ✓	4 x 3 x 30 L ✓	30 ✓	none ✓	none ✓	✓	✓
Trunk, Aft ... ..	✓							
Trunk, Forward ... ..	✓							
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	18 x 30	30	3 x 3 x 30	30	none	4-3 x 22 B.R. 4-9 x 24 E.R.	18"	7-2"
Exposed Machinery Casings on Super-structure Decks ... ..	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	✓							
Deckhouses on Flush Deck Ships ...	SIDES HOUSE FRONT 27 x 36	25 25	2 1/2 x 2 1/2 also horizontal plates 30" x 30" x 1/4"	28"	none	4-9 x 24	18	7-2

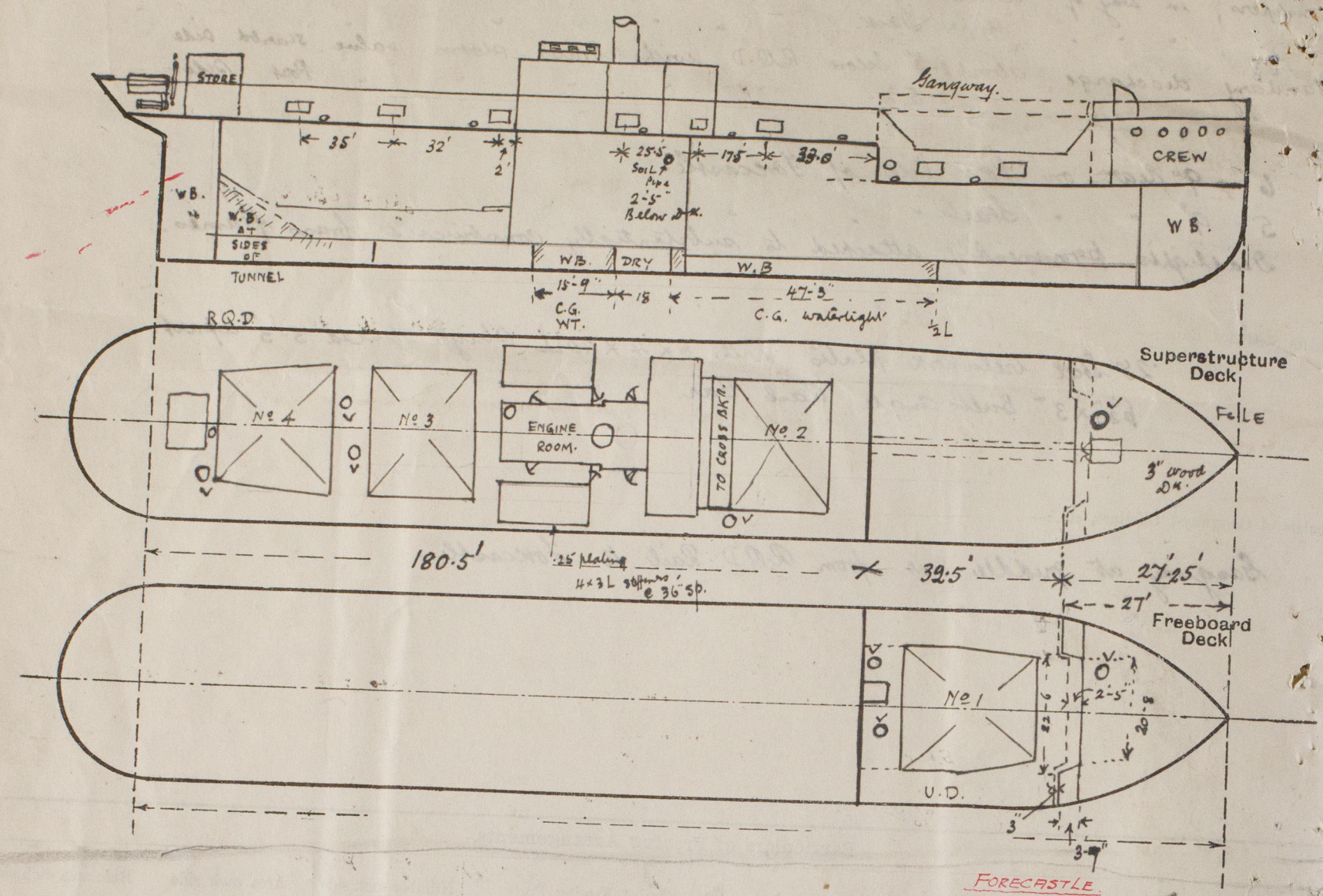
Particulars of Closing Appliances (state if capable of being manipulated from both sides).	horizontal plate 30" above disk	200	none	4-9 x 24
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Doors (state if capable of being manipulated from both sides).	
Poop Bulkhead ... ..	✓
Raised Quarter Deck Bulkhead ... ..	none ✓
Bridge, After Bulkhead ... ..	✓
Bridge, Forward Bulkhead ... ..	✓
Forecastle Bulkhead ... ..	none ✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks ... ..	1 1/2" Teak door to Engine Room, with 3/4" panels, controlled from both sides ✓
Exposed Machinery Casings on Superstructure Decks ... ..	Steel Hinged doors to Storehold controlled from both sides ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	✓
Deckhouses on Flush Deck Ships ... ..	1 1/2" Teak door controlled from both sides. ✓



Lakeland

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shown on the following sketches:-



FORECASTLE  
ENCLOSED = 23.42  
HOUSES 3.58 x 4.25 = .98  
15.5 24.40 TOTAL ENCL.  
L/10 = 24.0.  
OVERHANG = 1.44.

State any special features in the construction of the ship:-

The Builders provided the following particulars.

Moulded Displacement at a moulded draught of 88% of the moulded depth.  
Draught 15'-1 1/2" = 2970 tons SW.  
Tons per inch immersion at 16' draught 17.9.  
17' " 18.05.  
18' " 18.20.  
Extreme displacement @ 15'-1 1/2" draught = 2990 Tons SW.

Builder's name and yard number The Antwerp Engineering Co Yard No 89.  
Names of sister ships  
Owners Smith, Hogg & Co

Fee £ Received by me

NEWCASTLE-ON-TYNE C.22.416

24 APR 1946

Rpt. C. 11 (Contd.)

Index No.

# Lloyd's Register of Shipping.

Ship's Name S.S. "LAKELAND"

Official No. 139240.

Memorandum of alterations reported since ship was surveyed for assignment of Load Lines in

## Alterations to Accommodation.

The Deckhouse on the poop deck aft has been increased in size for extra crew space, 2 Washplaces are fitted discharging by 1-2" dia discharge (1/25) 12" below deck, with brass non-return valves at the ships side.  
The sidehouses amidships have been extended, and additional washplaces, and W.C. fitted. 1-4" dia W.C. Discharge fitted (1/25) amidships, fitted with brass non-return valve, at the ships side 3'10" below the freeboard deck.  
3-1 1/2" dia washplace waste pipes fitted (1/25) amidships 3'0" below freeboard deck no valves fitted at the ships side.  
1-1 1/2" dia washplace waste pipe fitted (1/25) amidships 3'0" below freeboard deck no valve fitted at the ships side.

L. Menard 18/4/46

A copy of the above has been attached to the C11. enclosed.

Notes  
Am.  
24.4.46



