

EXT 2-10-33

Index No. 29525  
(For London Office only.)

## Lloyd's Register of Shipping.

TUE. NOV. 23 1920

## SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR  
AWNING DECKS.

Port of Survey NEWCASTLE-ON-TYNE

Date of Survey 10th Nov 1920

Name of Surveyor Gilbert Gray

Ship's Name.

EASTNEY

Port of Registry and Nationality.

London

Official Number.

145165

Gross Tonnage.

Date of Build.

1920

Particulars of Classification.

100A1 Shelter deck with  
freeboard (contemplated)

Number in Register Book 78772

Registered  
dimensions from  
Ship's Register.

LENGTH.

375.0

BREADTH.

51.25

DEPTH.

31.7 Shelter

UNDER DECK

Tonnage

4921.81 Shelter

3610.94 Upper

Moulded Depth as measured

26-1/2" Upper

34-1/2" Shelter

Spar or Awning Deck.

Length on  
LOADLINE

374.33

Frame Depth

Rule

4 1/2

4 1/2 x 2 = 7.5

Ceiling + .20

Sheer + .62

level tank + .8 tons for

rise of tank aft

Peak

Tanks

3 inch.

CORRECTED  
DIMENSIONS.

374.33

50.5

24.52

3618.94

Co-efficient of fineness

Any modification necessary

[Para. 4 (a) to (e)\*]

Co-efficient as corrected

Allowance for strength in excess of Lloyd's rules =

State particulars—

Complete steel deck  
W.T. Shd. to Upper dk. and  
one W.T. Shd. to Shelter dk.  
No tonnage opening  
In deck scuttles led to bilges  
In framing ports, scuttles or other  
openings to sea in Shelter two decks.

Gradual sheer 70.00 in  
Standard 47.43 in  
36 22.57  
.62

Sheer at Stem 96 at 1/2 length from Stem 53  
Sternpost 44 " " Sternpost 24  
Drop in Sheer abaft amidships

Round of Spar-deck Beam

Main deck 12 1/2

Upper

Length x Height.

Forecastle 32 x 7

Bridge x

Poop x

State if open or closed at ends.

FREEBOARD recommended amidships from centre of Disc to top of Statutory

24 11.20

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " "

Winter North Atlantic Line " " "

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although  
scantlings to the upper deck, are to be considered as Spar-decked Ships.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although  
decks, are to be considered as Awning-decked Ships, the freeboard

\* If the frames, skin planking, or ceiling are of unusual thickness the

CORRECTION FOR LENGTH:—

Length of Ship on Load Line

374.33

Length in Table

313.50

Difference

60.83

Correction for 10ft.

.70

x Difference ÷ 10 =

4 1/4

Height of 'Tween Decks

8'-0"

(From top of beam to top of beam at side)

Correction for Height of 'Tween Decks in Spar-decked Ships

Freeboard Table B or C

2-1/2

Correction for Length

+ 4 1/4

Correction for Height of 'Tween Decks in Spar-decked Ships

3-3 3/4

Correction for Height of 'Tween Decks in Spar-decked Ships

8-0

Correction for Height of 'Tween Decks in Spar-decked Ships

11-3 3/4

Correction for Strength in excess of Lloyd's rules

- 1-2

Correction for Strength in excess of Lloyd's rules

10-1 3/4

Correction for Iron Deck if required

- 3 1/2

Correction for Iron Deck if required

9-10 1/4

Other Corrections (if any)

Winter Freeboard

9-10 1/4

Summer Freeboard

9-4 1/4

Indian Summer Freeboard

8-10 1/4

N.A. Winter Freeboard

Correction necessary because clearside amidships measured  
in accordance with the Statute is not taken at inter-  
section of the wood or iron deck with side

1 3/4

N.A. (French)

13/3/24

Freeboard in fresh water Summer

2686

Feet.

8 - 9 3/4

" " Indian seas in Summer

2699

Feet.

8 - 10 1/4

" " Summer (centre of the disc)

2851

Feet.

9 - 4 1/4

" " Winter

3004

Feet.

9 - 10 1/4

" " Winter, North Atlantic

-

Feet.

-

Measured from top of statutory deck line marked at the intersection of the

Steel Shelter Deck

upper, main, spar, etc.

MARKING FORM

RECEIVED 17 MAR 1924

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Lloyd's Register

Foundation

(112)

W3870146

21.1.21



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Official Number.

145165

Gross Tonnage.

1920

Date of Build.

Particulars of Classification.

100A1 Shelter deck with  
freeboard (contemplated)

Number in Register Book 78772

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	375.0	51.25	31.7 Shelter 23.7 Upper	4921.81 Shelter 3610.94 Upper
Length on LOADLINE	374.33	Frame Depth 10 1/2 Rule " 6 4 1/2 x 2 = 75	Ceiling + .20 Sheer + .62 level tank + .8 tons for top rise of tank aft	Peak 3 inch. Tanks
CORRECTED DIMENSIONS.	374.33	50.5	24.52	3618.94

Moulded Depth as measured 26 1/2" Upper Deck.  
34 1/2" Shelter Spar or Awning Deck.

Keel plate .94 in  
Overlap butt .94  
Garboard strake .60  
2.48 = 2 1/2"

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness ..... .78  
Any modification necessary [Para. 4 (a) to (e)\*] C.D.B.  
Co-efficient as corrected ..... .76

## CORRECTION FOR LENGTH:—

Length of Ship on Load Line.... 374.33  
Length in Table ..... 313.50  
Difference..... 60.83  
Correction for 10ft..... .70  
× Difference ÷ 10 = 4 1/4"

Allowance for strength in excess of Lloyd's rules = 1 1/2"

State particulars—

Complete steel decks  
W.T. plates to Upper deck, and  
one W.T. plate to Shelter deck.  
No tonnage opening  
Iron deck sections led to bilges  
by framing posts, scuppers or other  
openings to sea in Shelter two decks.

Height of 'Tween Decks..... 8'-0"  
(From top of beam to top of beam at side)  
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table B or C ..... 2-11 1/2"  
+ 4 1/4"  
3-3 3/4"  
Spar-decked Ships..... 8-0"  
11-3 1/4"

d's rules..... 1-2"  
10-1 3/4"  
- 3 1/2"  
9-10 1/4"

Gradual sheer 70.00  
Standard " 47.43  
36 22.57  
.62

Sheer at Stem ..... 96 at 1/8 length from Stem ..... 5  
Sternpost... 44 " " " Sternpost... 27  
Drop in Sheer abaft amidships.....

Round of Spar-deck Beam.....

" " Main deck " 12 1/2"

" " Upper

Length × Height.

Forecastle ..... 32 × 7

Bridge..... ×

Poop..... ×

State if open or closed

FREEBOARD recommended amidships from centre of Displacement

24 11.20 Fresh Water Line

Indian Summer Line

Winter Line

below

Winter North Atlantic Line

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.  
\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.



Awning deck 2

Bridge House 2

Forecast:

Give particulars of the means for closing the openings in Bulkhead

Is the Poop connected with the Bridge House?

Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?

and Coaming plate?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?

Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?

Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse?

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

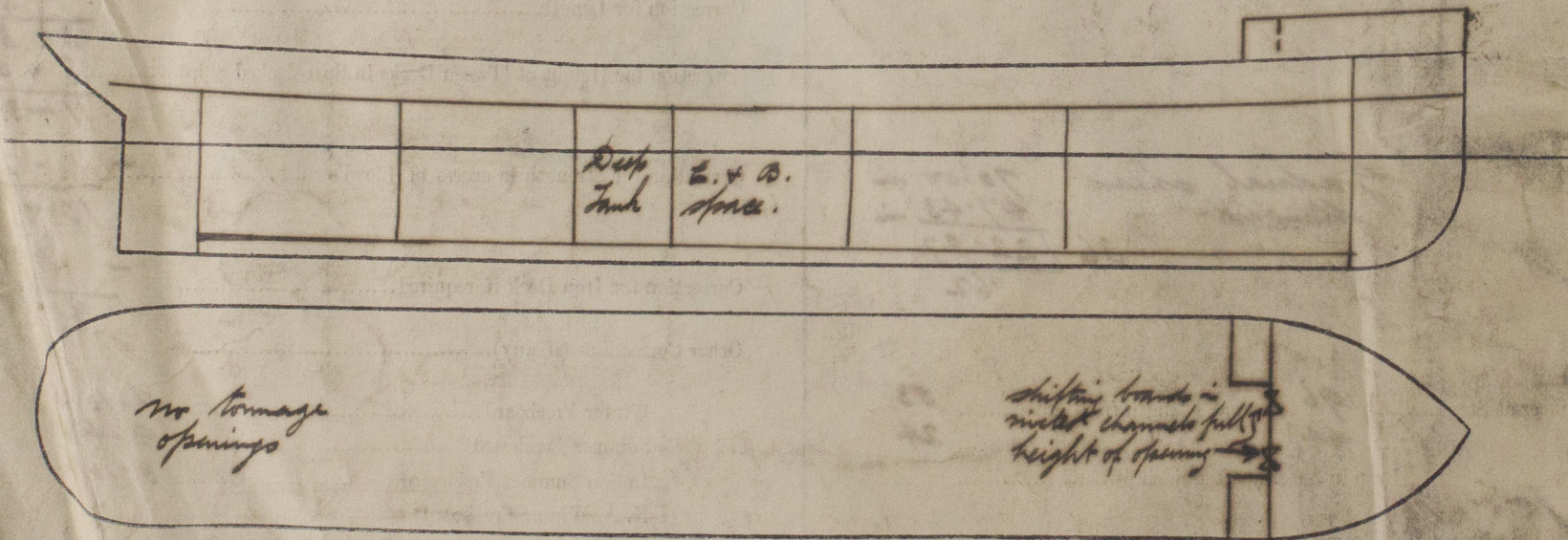
Give thickness of plating; scantlings and spacing of Stiffeners

Are suitable means provided for closing all openings in them in bad weather?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel

This report refers to The Northumbland Shipbuilding Co. No 256 and is a similar vessel to their No 254 S. S. San Michele (Proc. Report. 73620).

Freehold Request form attached.

The Newcastle office copies of the Approval plans are at present in the London Office.

*Owners*

Address

Fee £

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