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21/6/32

NEWCASTLE-ON-TYNE

MON. 7-OCT. 1918

27044

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR

~~Shelter~~ AWNING DECKS. without tonnage openingsPort of Survey NEWCASTLE-ON-TYNEDate of Survey 1st Oct^r 1918Name of Surveyor E. J. Dixon

Ship's Name.

Port of Registry
and Nationality.Official
Number.Gross
Tonnage under
ShelterDate of Build.
how

Particulars of Classification.

Northumberland No 201

War Citadel

London

142705

5486

Completing

100-1. Shelter Dk with freeboard
ContemplatedNumber in Register Book 262

British

Registered
dimensions from
Ship's Register.

LENGTH.

BREADTH.

DEPTH.

UNDER DECK

Tonnage.
5486 to 5486
4108 to 4108Moulded Depth as measured 26'-11" Upper
Main Deck.
" " " 25'-5" Shelter
Spar or Awning Deck.Depth of Keel below base line 22'NOTE.—If the
depth is measured
when vessel is
afloat, the details
of measurement
should be reported.Co-efficient of fineness77Any modification necessary
[Para. 4 (a) to (e)] .02 Cell DkCo-efficient as corrected75

CORRECTION FOR LENGTH:—

Length of Ship on Load Line..... 399.6
 Length in Table..... 323.0
 Difference..... 76.6
 Correction for 10ft..... .7
 × Difference ÷ 10 = 5.362
+ 5 3/4

Allowance for strength in excess of Lloyd's rules = 23 1/2
- 22 1/2

State particulars—

Constructed as a Shelter Dk vessel without
tonnage opening
The Scupper from the upper Dk lead to bilges
no passenger accommodation
no side scuttles or openings in ship's sides to
interfere with load line
4 Watertight bulkheads to Shelter Dk

Height of 'Tween Decks..... 8'-6"
 (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..... 3.2 1/2
 Correction for Length..... + 5 1/4
3.7 3/4
 Correction for Height of 'Tween Decks in Spar-decked Ships..... 8.6
12.1 1/4
 Correction for Strength in excess of Lloyd's rules..... 1.11 1/2
10.2 1/2
 Correction for Iron Deck if required..... - 3
9 1/4
 Other Corrections (if any).....

Winter Freeboard..... 10 3/4
 Summer Freeboard..... 4 3/4
 Indian Summer Freeboard..... 10 3/4
 N.A. Winter Freeboard.....

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

Winter Freeboard from Deck Line..... 10.0 1/2
 Summer " " "..... 9.6 1/2
 Indian Summer " " "..... 9.0 1/2
 N.A. Winter " " "..... 9.6 1/2

Sheer at Stem..... 9.0 at 1/2 length from Stem..... 5.0
 Sternpost... 4.6 " " " Sternpost... 2.7
 Drop in Sheer abaft amidships..... Nil

Round of ~~Shelter~~ Spar-deck Beam..... 12 1/2
 " " Main-deck "..... 12 1/2

Length × Height. State if open or closed at ends.
 Forecastle..... 34.5 × 7.6 Closed with storm
 Bridge..... × boards fitted in rivelled
 Poop..... × channels full height
of openings

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " " "

Winter North Atlantic Line " " "

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
scale, 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.

MARKING FORM

RECEIVED 8-MAR-1924

MARKING REPORT

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Lloyd's Register
Foundation

Shelter

Do all the Frames extend to the top Height in the Spar deck? *Yes scarp'd & Drain Panes Awning Deck?*

Do all the Frames extend to the top height in the Poop? *Bridge House?* *Forecastle?*

To what height do the Reverse Frames extend? *Built angle frames to upper end and all hatch end frames to shelter*

Has the Poop an efficient Iron Bulkhead at the fore end? *Complete Shelter Dr without tonnage opening*

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 Bridge Front plating? *and Coaming plate?*

Give scantlings and spacing of the Stiffeners

Give bracket plates fitted at each end of the Stiffeners? *Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?*

Has the Bridge an efficient Iron Bulkhead at the after end? *1*

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?* *Yes*

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? *Partly protected by side houses*

Give thickness of plating; scantlings and spacing of Stiffeners *368.30 Plating with 3 1/2 x 3 x 3/4 and 4 x 3 x 1/2 stiffeners spaced 48" app.*

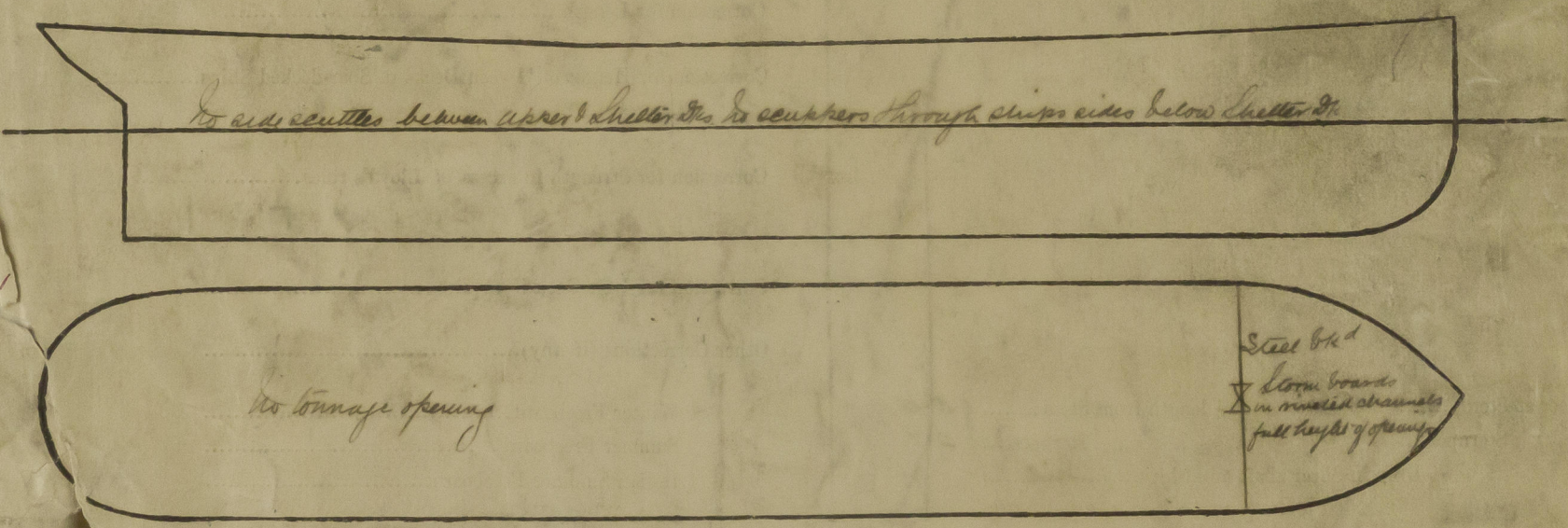
What is the height of the exposed Casings? *7.6* *Are suitable means provided for closing all openings in them in bad weather?* *Yes*

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:— *Coal bunker Hatchway coverings 30" high*

Position and Size.		No 1 28 4 27.9 x 20.0		No 3 34.0 x 20.0		No 2 17.0 x 18.0					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"		30"		30"					
	Thickness { Sides.....	48		50		44					
	{ Ends.....	44		44		44					
SHIFTING BEAMS OR WEB PLATES.	Number	5		6		3					
	Section and Scantlings.....	7 1/2 x 3 x 1/4		7 1/2 x 3 x 1/4		7 1/2 x 3 x 1/4					
	Material.....	7 1/2 x 3 x 1/4		7 1/2 x 3 x 1/4		7 1/2 x 3 x 1/4					
FORE AND AFTERS.	Number.....	None		None		None					
	Section and Scantlings.....										
	Material.....										
	Thickness	2 1/2 W.P.									
	Remarks.....	Fitted for 8 aft									

* 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 Messrs The Northumberland S. Co*

No 251 a Standard Ship Type F.1. Sister to War Castle In 250.

The approved plans of Midship Section Profile & 10 T Bulkheads also Reg 9 are forwarded herewith.

E. J. Hildon

Owners _____

Address _____

Fee £ *7 : 7 : 0*

Received by me *20.11.18*