

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

19895

REGULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH BALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Newport, Mon.
 Date of Survey 5th July 1920
 Name of Surveyor S. J. Boyd

Ship's Name S.S. "NASH LIGHT" Port of Registry and Nationality Cardiff British Official Number 143511 Gross Tonnage approx. 2560 Date of Build 1920 Particulars of Classification I 100 A1 (contemplated)

Registered dimensions	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	303.0	43.00	20.70	2225
	302.66	42.42	21.53	2225

Moulded Depth as measured..... 23'-0"
 Addition for Keel below base line for draught record..... inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 302.66
 Length in Table 276.00
 Difference 26.66
 Correction for 10ft., Table A. 1.2 Table C. .6
 × Difference divided by 10 +3 1/4" (if required.) +1 1/2"
 If 1/10ths length covered divide by 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered479
 Thickness of usual wood deck, less stringer 3 1/2" × .479 = -1 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 42.75
 Round of Beam 10.75
 Normal round..... 10.69
 Difference06 ÷ 2 =
 Proportion of Deck uncovered (Para. 19)

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A
 Correction for Sheer 4' - 10 1/2"
 Correction for Length 4' - 3 1/4"
 Allowance for Deck Erections 4' - 6 1/4"
 Correction for Round of Beam..... 3' - 9 3/4"
 Correction for fall in Sheer (if any).....
 Correction for Iron Deck (if required) -1 1/2"
 Additions for non-compliance with provisions of Para. 11 (d) and (e) † 3' - 8 1/4"
 Other Corrections (if any)

Winter Freeboard 3' - 8 1/4"
 Summer Freeboard 3' - 4 3/4"
 Indian Summer Freeboard 3' - 1 1/4"
 N. A. Winter Freeboard 3' - 10 1/4"
 Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 1 3/4"
 Winter Freeboard from deck line 3' - 10"
 Summer " " " 3' - 6 1/2"
 Indian Summer " " " 3' - 3"
 N. A. Winter " " " 4' - 0"

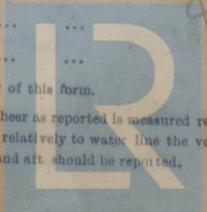
$100 \times 2225 = 222500$
 $302.66 \times 42.42 \times 21.53 = 276000$
 CDB
 $\frac{276000}{222500} = 1.24$
 $1.24 \times 26.66 = 33.06$
 $33.06 \div 10 = 3.306$
 $3.306 \div 2 = 1.653$
 Mean
 $41.25 \div 2 = 20.625$
 $36.00 \div 2 = 18.00$
 $20.625 + 18.00 = 38.625$
 $38.625 \div 2 = 19.3125$
 Para. 18] 40.27
 Correction -7 1/2"

bridge house.....
 of forecastle
 Correction
 OR DECK ERECTIONS :—
 (Para. 12, 13, and 14) 24 1/2"
 or sheer, and for length, } 26"
 2, 13, and 14) } 54 1/4"
 28 1/4"
 30.653

and boiler openings not } 8 3/4"
 (1) } -8 1/2"
 28 1/4"
 Length allowed. Height.
 32.50
 80.00
 32.66
 $\frac{145.16}{802.66} = .48.479$

ships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—
 Water Line above centre of Disc
 Summer Line " " "
 Winter Line below " " "
 North Atlantic Line " " "

STAIN



Lloyd's Register Foundation

W498-0154

15-7-20

Frames to top height in the Poop? *Yes except Raised Quarter Deck?* Bridge House? *Yes: Alternating Forecastle?* *Yes*
 To what height do the Reverse Frames extend? *On top of floors in C.D.B. only.*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *3 Hinged doors.*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Plates bolted to Bridge Front with bolts 3" apart, passing thru*
 What is the thickness of the Bridge Front plating? *.36"* and Coaming plate? *.40"*
 Give scantlings and spacing of the Stiffeners *7" x 3" x .58" B.A. spaced 25 1/2" apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *By storm boards in riveted channels, extending to full height of openings*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* 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, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Bridge.*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*
 Give thickness of plating; scantlings and spacing of Stiffeners *Yes*
 What is the height of the exposed Casings? *Yes* 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:— *Yes.*

Position and Size.	No 1 Forewell 26'-0" x 16'-0"		No 2 Forewell 26'-0" x 18'-0"		No 3 Bridge 11'-5" x 17'-0"		No 4 Afterwell 26'-0" x 18'-0"		No 5 Afterwell 26'-0" x 16'-0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30"		30"		30"		30"	30"	
	Thickness	Sides	.44"	.44"	.44"	.44"	.44"	.44"	.44"	.44"
		Ends	"	"	"	"	"	"	"	"
SHIFTING BEAMS OF WEB PLATES	Number	5	Approved	5	Approved	Nil.	Approved	5	Approved	5
	Section and Scantlings	7 1/2" - 13" x 32 11 - 3 1/2" x 3 1/2" x 42 Steel		7 1/2" - 15" x 34 11 - 3 1/2" x 3 1/2" x 46 Steel		Nil. Hatchways divided by Trunk.		7 1/2" - 15" x 34 11 - 3 1/2" x 3 1/2" x 46 Steel		7 1/2" - 13" x 32 11 - 3 1/2" x 3 1/2" x 42 Steel
	Material	Steel		Steel		Trunk.		Steel		Steel
* FORE AND AFTERS	Number	Nil.	Approved	Nil.	Approved	Nil.	Approved	Nil.	Approved	Approved
	Section and Scantlings									
	Material									
HATCHES Thickness	3"		3"		3"		3"		3"	
Remarks										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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.)

The following information is to be given in all cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? *Yes* Strake between Main and Bridge Sheerstrakes? *Yes*

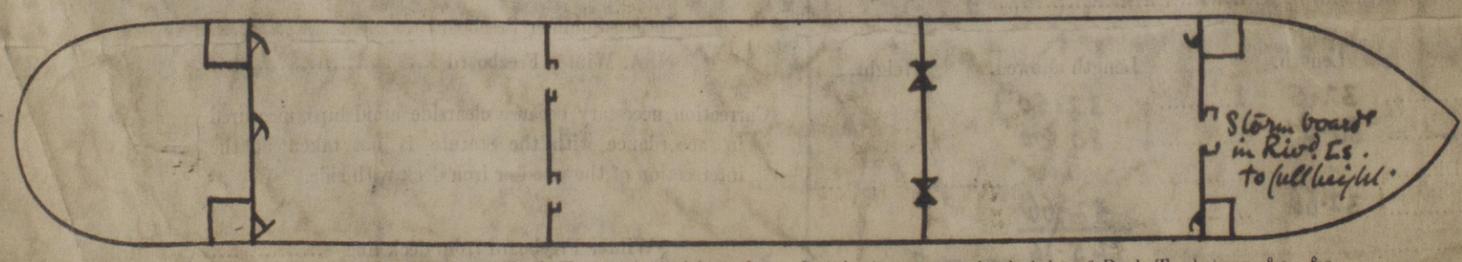
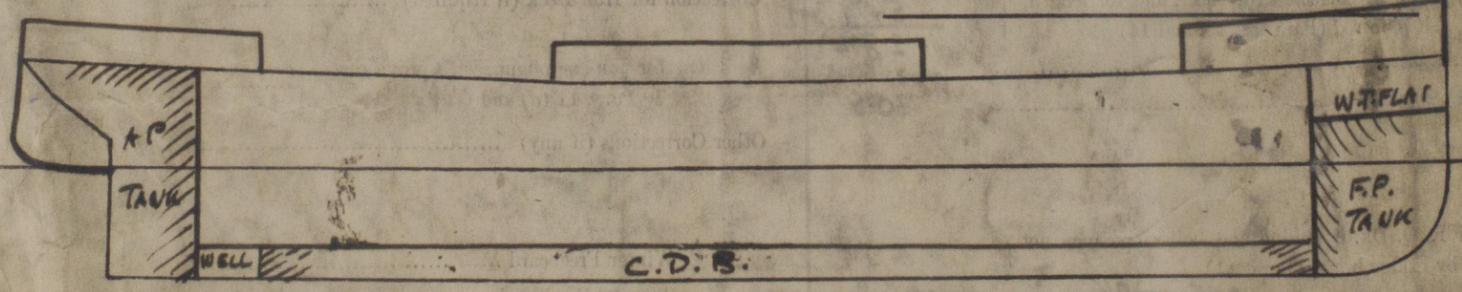
Delete the words *The Crew are, are not, berthed in the bridge house.*
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *Yes* Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = <i>Yes</i> Sq. ft.
x		x			
x		x			

Total deficiency or excess = *Yes* Sq. ft.



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 *Standard "H" Type. Cruiser Stern.*

The vessel is the *Monmouth S.R. Cos. No 367* is a sister vessel to the *S.S. "War Grape"* (Npt Report No 19821).

Owners *the Bristol Channel Steamers Ltd.*

Address *Cardiff.*

Fee £ *4 : 4 : 0* Received by me *16/1/2011*



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