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MON. 23. APR. 1912

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Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. Verification

Standard Vessel N Type.
with topgallant forecabin on Shelter Dk.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR complete shelter awning DECKS without tonnage opening
Harland & Wolffs S.S. No 5746

Port of Survey Belfast.
Date of Survey Building 26th April 1912
Name of Surveyor S. Kendall

Ship's Name. N. ASMYTH	Port of Registry and Nationality. <u>Liverpool</u> <u>British</u>	Official Number. <u>140619</u>	Gross Tonnage. <u>6509</u>	Date of Build. <u>1912-5mo</u>	Particulars of Classification. <u>100 A1 Shelter Dk. contemplated</u>
Number in Register Book <u>57 in Sup</u>					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>412.6</u>	<u>55.8</u>	<u>34.45</u>	<u>6229.81</u>
Length on LOADLINE	<u>411.5</u>	<u>55.8</u>	<u>34.45</u>	<u>6167.81</u>
CORRECTED DIMENSIONS.	<u>411.5</u>	<u>57.53</u>	<u>34.81</u>	<u>6167.81</u>

Moulded Depth as measured	<u>28.8</u> - Upper Deck.
" " "	<u>38.0 1/2</u> - Shelter Spar or Awning Deck.

Co-efficient of fineness79 to Shelter Dk .784
 Any modification necessary [Para. 4 (a) to (e)] .02 Cell Dk
 Co-efficient as corrected77 to Shelter Dk
say .76 to Upper Dk

Allowance for strength in excess of Lloyd's rules = 2.8 1/2

State particulars—

6 watertight bulkheads, six of which are added to Shelter Dk.
 complete steel decks.
 single frames all to shelter deck.
 special tonnage or registered depth to Upper Dk
 beams at 1/4 Length from Stem 1 1/2 Stern Post 3 1/2
 " 3/16 " " " 13 1/2 " " 17
 " 1/6 " " " 6 1/2 " " 156

Sheer at Stem 96 - at 1/4 length from Stem 3 1/2
 Sternpost... 82 - " " " Sternpost... 33
 Drop in Sheer abaft amidships. Level for 18 ft amidships
45 to 108 frames
 Round of Shelter Deck Beam..... nil
 " " Main Deck "..... nil

	Length	Height.	State if open or closed at ends.
Forecastle	<u>40</u>	<u>7.5</u>	<u>open</u>
Bridge.....			
Poop.....			

CORRECTION FOR LENGTH:—

Length of Ship on Load Line.....	<u>411.5</u>
Length in Table.....	<u>344.0</u>
Difference.....	<u>67.5</u>
Correction for 10ft.....	<u>1.72</u>
× Difference ÷ 10 =	<u>4.72 say + 4 3/4</u>

Height of 'Tween Decks.....	<u>9.4 1/2</u>
(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.....	<u>3.10 1/4</u>
Correction for Length.....	<u>+ 4 3/4</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>4.3</u>
	<u>9.4 1/2</u>
	<u>13.7 1/2</u>
Correction for Strength in excess of Lloyd's rules.....	<u>2.8 1/2</u>
	<u>10.11</u>
Correction for Iron Deck if required.....	<u>- 3 1/2</u>
Other Corrections (if any).....	<u>10.7 1/2</u>

Winter Freeboard.....	<u>10.7 1/2</u>
Summer Freeboard.....	<u>10.0 1/2</u>
Indian Summer Freeboard.....	<u>9.5 1/2</u>
N. A. Winter Freeboard.....	

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or iron deck with side } nil

Winter Freeboard from Deck Line.....	<u>10.7 1/2</u>
Summer " ".....	<u>10.0 1/2</u>
Indian Summer " ".....	<u>9.5 1/2</u>
N. A. Winter " ".....	

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	" " "

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.

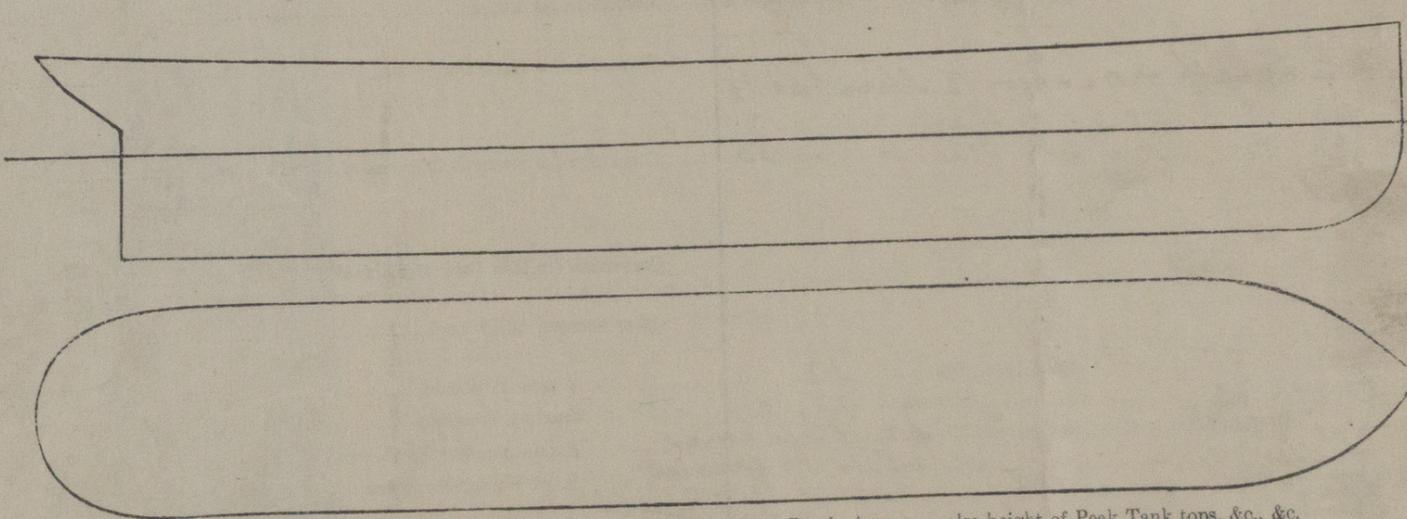
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Do all the Frames extend to the top Height in the Spar deck? *Yes*
 Do all the Frames extend to the top height in the Poop?
 To what height do the Reverse Frames extend? *Upper Deck*
 Has the Poop an efficient Iron Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 Is the Poop connected with the Bridge House? Bridge House? Forecastle? *Yes*
 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? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *no*
 Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse? *Yes partly*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *where exposed strong casings fitted.*
 Give thickness of plating; scantlings and spacing of Stiffeners *.38, beamings .40 Stiffers 3 1/2 x 3 1/2 x .38 spaced 30"*
 What is the height of the exposed Casings? *8'-0"* 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.	N ^o 1 & 2 29'-1 1/2" x 19'-9 1/2"		N ^o 3 14'-6 1/2" x 19'-9 1/2"		N ^o 4 9'-8 3/4" x 19'-9 1/2"		N ^o 5 & 6 29'-1 1/2" x 19'-9 1/2"		Ship.	Rule.		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING	Height above top of DECK	30"	24"	all as in Nos 1 & 2								
	Thickness	Sides .60	.60									
SHIFTING BEAMS OR WEB PLATES.	Number	Five	Two	One	Five							
	Section and Scantlings	all webs 18" x .36 plates & 4 angles 3 1/2" x 3 1/2" x .44										
* FORE AND AFTERS.	Number	none										
	Section and Scantlings											
HATCHES Thickness	all 3"											
Remarks												

* 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

Owners _____
 Address _____
 Fee £ 8 : 8 : 0

Received by me 28.6.19 RBW
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