

Rpt. 11b.

EXT 7/17/32 Verification

NEWCASTLE-ON-TYNE. Rpt. No. 78131.

Index No. 31160  
(For London Office only.)Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT 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 Newcastle-on-Tyne  
Date of Survey 29<sup>th</sup> July 1924  
Name of Surveyor Alfred Minno

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
S/S "ALGOL"	Shoreham	145637	✓	1924	+100A1. (Class Contemplated) Revised Rules

Registered Dimensions from Register	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	245.3	37.0	18.7	1378.40
Length on LOADLINE.	245.0	Frame Depth 8 Rule " 5 -- 50 No spanning +.33	90 Ceiling +.20 Sheer +.80 Lined tanks top	Peak } Incl. Tanks }
RECTED DIMENSIONS.	245.0	36.83	19.71 19.75	1378.40

efficient of fineness..... .7752  
Modification necessary [Para. 4 (a) to (e)]\* .02 Cells DB.  
efficient as corrected ..... .76

Stem..... 6-52  
Sternpost 4-13  
Mean 63.625  
Stem 3-7  
Sternpost 2-3  
Mean 35  
Mean 63.63  
Dual mean Sheer Allowed 63.627  
Standard mean Sheer [Table, Para. 18] 34.50  
Difference 29.127 ÷ 4 = 7.28  
Limited as Para. 18 (f) -7.4

ise in Sheer { At front of bridge house. ✓  
amidships {  
ara. 18 (e) { At after end of forecastle ✓

all in Sheer { ✓ ÷ 2 =  
ara. 18 (d) {  
gth uncovered ..... Correction ✓

## ALLOWANCE FOR DECK ERECTIONS:—

board, Table C..... 1-4 1/4  
rection for Length, if required (Para. 12, 13, and 14) + 1/4  
board by Table A, corrected for sheer, and for length, { 3-3 1/2  
if required (Para. 12, 13, and 14)  
erence ..... 1-11  
centage as below..... 17.91 18.87  
44.72 4.32

rection for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 4 1/4  
owance for Deck Erections .....

	Length.	Length allowed.	Height.
ecastle.....	21-10 1/2	21-10 1/2	7-0
dge House .....	47-6	51-0	4-0
aised Qr. Dk.....	✓	47-5	
p.....	✓		
Total .....	69.37	72-8 1/2	.283
gth of Ship .....	245		
responding percentage	14.91		
Para. 12, 13, and 14	18.87		

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

	Fresh Water Line	above centre of Disc	
1924	Indian Summer Line	"	
	Winter Line	below	
	Winter North Atlantic Line	"	

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to be used in calculating the height of the R.Q.D. is to be taken from the level of the top of the amidships beam. In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Moulded Depth as measured..... 20-4 1/2  
Wood deck less stringer 3 1/2  
20-1 1/2  
Addition for Keel below base line for draught record..... 138 inches.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 245.0  
Length in Table ..... 241.0  
Difference ..... 4.0  
Correction for 10ft., Table A. .... 1.2 Table C. .6  
× Difference divided by 10 ..... .48 (if required.) .24  
If 1/10ths length covered divide by 2 + 1/2 + 1/4

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....

Thickness of usual wood deck, less stringer .....  
Allowed in reduced Moulded depth ✓

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 36-0  
Round of Beam ..... 13  
Normal round..... 9  
Difference ..... 4 ÷ 2 = 2  
Proportion of Deck uncovered (Para. 19) ..... 1.483 - 1 1/2

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

Freeboard, Table A ..... 3-10 1/4  
Correction for Sheer ..... - 1 1/2  
3-2 1/2  
Correction for Length ..... + 1/2  
3-3 1/2  
Allowance for Deck Erections ..... - 4 1/4  
2-11 1/2  
Correction for Round of Beam..... - 1 1/2  
2-9 1/2 10  
Correction for fall in Sheer (if any)..... ✓

Correction for Iron Deck (if required) In Moulded depth.

Additions for non-compliance with provisions of { ✓  
Para. 11 (a) and (e) †  
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 2-9 1/2 10  
Summer Freeboard ..... 2-6 3/4 7 1/4  
Indian Summer Freeboard ..... 2-4 1/2  
N. A. Winter Freeboard ..... 2-11 1/2 3-0

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. 2

Winter Freeboard from deck line ..... 2-11 1/2 3-0  
Summer " " " ..... 2-8 3/4 9 1/4  
Indian Summer " " " ..... 2-6 1/2  
N. A. Winter " " " ..... 3-1 1/2 2

State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

MARKING FORM

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003106-003115-0033



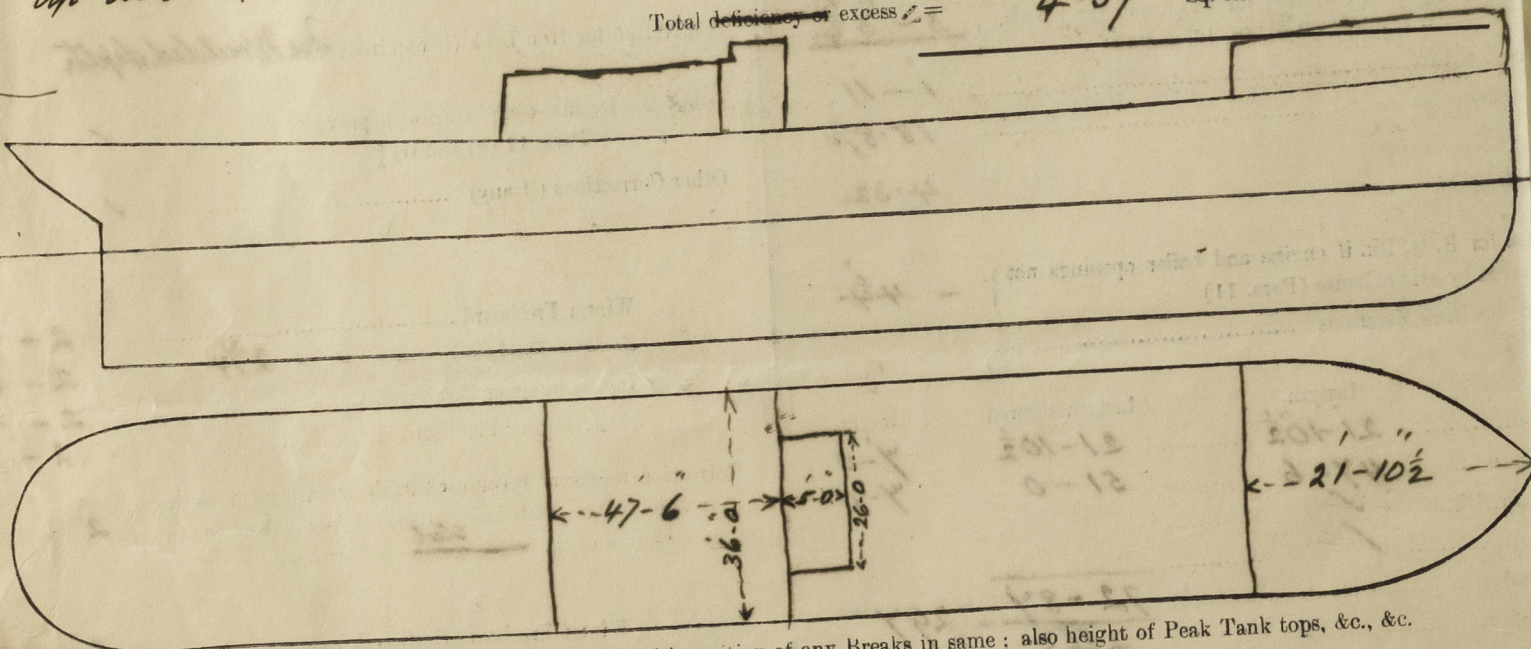
Do all the Frames extend to the top height in the Poop? ☒  
 To what height do the Reverse Frames extend? *Built Angle Frames*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No Poop* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Tonnage opening each side, closed with storm boards in raised*  
 What is the thickness of the Bridge Front plating? *40 and 33* and Coaming plate? *33*  
 Give scantlings and spacing of the Stiffeners *As per approved plan* (By *Bunker Hatchway* *Shoot and* *30 Web*)  
 Are bracket plates fitted at each end of the Stiffeners? ☒  
 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? *2 iron and 2 teak hinged doors*  
 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? *Bridge deck*  
 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 ☒  
 What is the height of the exposed Casings? ☒  
 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.	Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.	Height above top of DECK	3'-6"	3'-6"	3'-6"	3'-6"	4'-0"	4'-0"	
	Sides	44	44	44	44	44	44	
	Ends	44	44	44	44	44	44	
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	5	5	5	5	
	Section and Scantlings	Double 5 1/2 x 3 1/2 = 48	Same as No 1	Same as No 1	Same as No 1	Same as No 1	Same as No 1	
	Material	2 1/2 10 1/2 x						
		Double 5 1/2 x 3 1/2 = 48						
* FORE AND AFTERS.	Number							
	Section and Scantlings	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	
	Material							
HATCHES	Thickness	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	
	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 Rule.  
 What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

Delete the words *Class only* that do not apply. The Crew are, *and Forecastle* berthed in the bridge house. *and Forecastle*  
 The arrangements to enable them to get backwards and forwards from their quarters are, *are not satisfactory.*  
 Length of Bulwarks in well *Fore Well 79-6* *Aft Well 96-6* *3-6*  
 Area of Freeing Ports required by *Rule* (e) each side of vessel = *61.63* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = *66.0* Sq. ft.  
*Fore Well 4-0* x *1.5* x *5*  
*Aft Well 4-0* x *1.5* x *6*  
 Total deficiency or excess = *4.37* 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 *The approved plans 3 in number are forwarded for ref*  
 Builder's name and yard number *Wm. Dobson & Co. No 223.*  
 Names of sister vessels ☒  
 Owners ☒  
 Address ☒

Fee £ *6* : *0* : *0*  
 Approved.

Received by me

*See F.B. Repertory*



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