

[ 5 AUG 1931

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(For London Office only.)

18042.

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# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Leith  
Date of Survey Mobile building  
Name of Surveyor Frank Edwards

Ship's Name. AFONIA Port of Registry and Nationality. UK Official Number. 161827 Gross Tonnage. 550 Date of Build. 1931 Particulars of Classification. + 100A1. Contemplated.

Register Book ✓  
Number in Register. 1  
Registered dimensions from Ship's Register.  
Length on 165.0  
Corrected Dimensions.  
Length 165.0 Breadth 32.7 Depth 11.75 Under Deck Tonnage 456.92

Moulded Depth as measured..... 13.5  
= 13'-6"  
Addition for Keel below base line for draught record..... 1 inches.

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

13-6  
144 12 1/4  
2-5 1/2  
11-8 1/4

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 165.0  
Length in Table ..... 162.0  
Difference ..... 3.0  
Correction for 10ft., Table A. .... .9 Table C.  
× Difference divided by 10 ..... .27 (if required.)  
If 1/10ths length covered divide by 2 ..... .135  
+ 1/4" ✓

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... ✓  
Thickness of usual wood deck, less string ..... 3.5 36  
= 3.14 - 3 1/4"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 32.5  
Round of Beam ..... 8 1/4"  
Normal round..... 8 1/4"  
Difference ..... ✓ ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) ..... NIL

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

Rise in Sheer { At front of bridge house..... ✓  
from amidships { [Para. 18 (e)] At after end of forecastle .....

Fall in Sheer { ÷ 2 = ✓  
[Para. 18 (d)] { Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0 - 4 1/2  
Correction for Length, if required (Para. 12, 13, and 14) .....  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) ..... 1 - 5 3/4  
Difference ..... 1 - 1 1/4  
Percentage as below..... 65.57  
8.68

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) Covered by Bridge - 8 1/4  
Allowance for Deck Erections .....

Length. Length allowed. Height.  
Forecastle..... open 17'-6" 14.50 7'-0"  
Bridge House..... ✓ 110'-6" 109.58  
+ Raised Q. Dk..... ✓ 108'-8" 127.08  
Poop..... 7'-0"  
Total..... 128.0 127.08 = .770  
Length of Ship..... 165.0 165.0  
Percentage as below..... 65.5 %

RD recommended amidships from centre of Disc to top of Statutory Deck Line, (Steel) Deck:—

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

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.

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard ..... 0 - 6 1/4  
Summer Freeboard ..... (1 1/2 - 2) 2 0 - 14 1/4  
Indian Summer Freeboard ..... 2 3/4 0 - 2 1/4  
N. A. Winter Freeboard ..... 2 3/4 0 - 9

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line ..... 0 - 4 3/4  
Summer " " " ..... 0 - 5 3/4  
Indian Summer " " " ..... 0 - 3 3/4  
N. A. Winter " " " ..... 0 - 10 1/2

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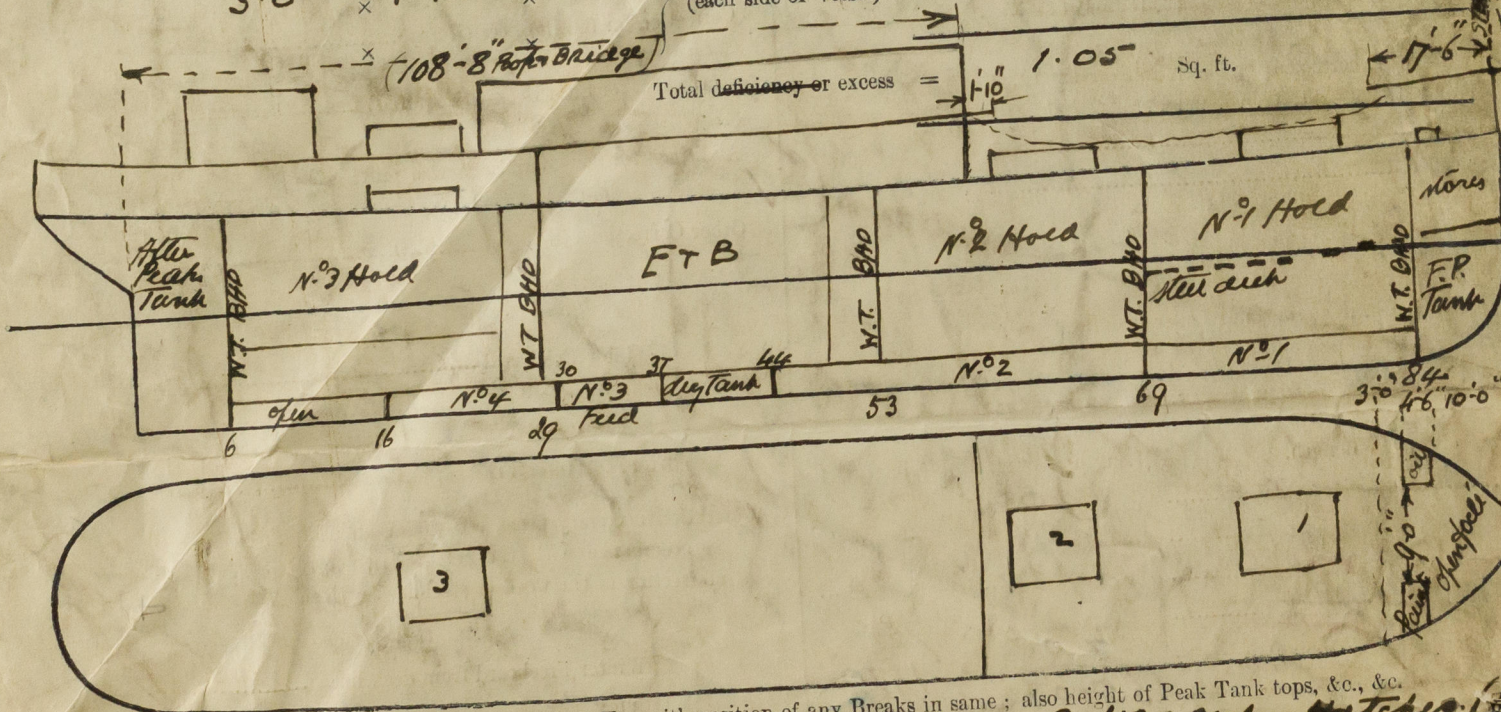
Do all the Frames extend to the top height in the Poop and Bridge *yes (except where alternate between frames N° 16-29)*  
 To what height do the Reverse Frames extend? *Bridge House?*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *no openings*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *34*  
 What is the thickness of the Bridge Front plating? *30* and Coaming plate? *34*  
 Give scantlings and spacing of the Stiffeners *6 1/2 x 3 x 36 L. spaced 30" apart.*  
 Are bracket plates fitted at each end of the Stiffeners? *lugged.* 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? *yes*  
 Is the Forecastle at least as high as the main or top-gallant rail? *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*  
 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  
 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 the Rules? Give particulars below:—

Position.	N° 1	N° 2	N° 3						
Size.	9'0" x 12'0"	12'10" x 14'0"	12'10" x 14'0"						
Height above top of DECK	3'0"	3'0"	2'6"						
COAMING Thickness { Sides.....	.41	.41	.41						
Ends.....	.41	.41	.41						
SHIFTING BEAMS OR WEB PLATES { Number.....	Macan King Patent Steel hatch covers at N° 1 & 2.		1 3x3x.42						
Section and Scantlings.....	as per approved plan.		7 1/2 x 12 x 30						
Material.....			1 1/2						
* FORE AND AFTERS { Number.....	✓	✓	✓						
Section and Scantlings.....									
Material.....									
HATCHES Thickness.....	Macan King Patent.		2 1/2" W.P.						
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 keel 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? *and poop*

Delete the words { The Crew are, ~~not~~, berthed in the bridge house. *and poop*  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~not~~ satisfactory.  
 Length of Bulwarks in well *38' 10" from Bridge front to Forecabin. Gangway not required & none fitted.*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 10.2 Sq. ft.  
 Ft. Tenth. Ft. Tenth. No. Freeing Ports = 11.25 Sq. ft.  
 3.0 x 1.25 x 3 (each side of vessel)



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.  
 The following Plans are forwarded for reference - Midship Section - Profile - Deck - Hatchways - also plan of Hatchways as built  
 State any special features in the construction of the Vessel

Builder's name and yard number *Messrs Henry Robt & Co N° 189*

Names of sister vessels *✓*

Owners *Faulkland Island Co Ltd*

Address *61 Gracechurch St London.*

Fee £ *4* (to be charged with Port dues) Received by me *See F.B. Report*



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