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Index No. 17242
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Hull
Date of Survey 4th March 1922
Name of Surveyor Arthur Scullard

Ship's Name Vessel "Lizzie + Annie" Port of Registry and Nationality Hull Official Number 76519 Gross Tonnage 119 Date of Build 1877/6 Particulars of Classification 90 A. 1. Class Contemplated

Length 90.1 Breadth 19.15 Depth 8.35 Under Deck Tonnage 98.71

Frame Depth 2 1/2 Ceiling 11.4 Peak Rule 2 1/2 Sheer +35 Tanks

Length 90.1 Breadth 19.15 Depth 8.7 Under Deck Tonnage 98.71

of fineness .66
Location necessary (a) to (e) ✓
as corrected .68 Lowest in tables

Stem 22 Sternpost 13 $51 \div 2 = 25.5$ Mean 31.81
of the length from 33 19.01
ernpost 18 36 12.80
Mean Sheer 17.5 $35 \div 2 = 17.5$ Mean 31.81
Mean Sheer [Table, Para. 18] 11.4 Correction 1.52
Difference 6.1 $11.5 \div 4 = 1.44$ -1.52

As Para. 18 (f) 1.44 -1.52

At front of bridge house ✓
At after end of forecastle ✓
Sheer $\div 2 =$ ✓ Correction

ALLOWANCE FOR DECK ERRATIONS:—

Table C 0 - 1 1/2
for Length, if required (Para. 12, 13, and 14) - 3/4
by Table A, corrected for sheer and for length, if required (Para. 12, 13, and 14) 1 - 0 1/2
as below 0 - 11 3/4
21.12 1/2

or R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11) - 2 1/2
or Deck Erections - 2 1/2

Length 14'-0" $\times \frac{2.83}{8.0} =$ 6.6 Height 2'-10"
Dk 24'-0" $\times \frac{2.83}{2.94} =$ 23.1 2'-10"
38.0 $\div 90.1 =$.42 29.7 $\div 90.1 =$.33
ship 21.12 1/2 2.64 Eight

ARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (L) Deck:—
Fresh Water Line above centre of Disc 2
Indian Summer Line 1
Winter Line below 1
Winter North Atlantic Line 1

planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
allowing an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidships beam.
vessels having poops and forecastles, it means the sheer measured at points distant of the vessel's length from stem and stern-post.

Moulded Depth as measured 8'-11"

Addition for Keel below base line for draught record 6" 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 90.1
Length in Table 107.0
Difference 16.9
Correction for 10ft., Table A 0.8 Table C 0.4
 \times Difference divided by 10 1.35 (if required) 0.67
If 1/10ths length covered divide by 2 -1 1/4 -3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 2 1/2" wood Deck
Thickness of usual wood deck, less stringer 2 1/2" wood Deck

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 19'-0"
Round of Beam 5 1/2
Normal round 4 3/4
Difference 3/4 $\div 2 =$ 3/8
Proportion of Deck uncovered (Para. 19) .58 -1/4

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

Freeboard, Table A 1 - 1 3/4
Correction for Sheer - 1 1/2
1 - 0 1/4
Correction for Length - 1 1/4
0 - 11
Allowance for Deck Erections - 2 1/2
0 - 8 1/2
Correction for Round of Beam - 1/4
0 - 8 1/4
Correction for fall in Sheer (if any) ✓
Correction for Iron Deck (if required) ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) ✓
Other Corrections (if any) Scantlings + 3 1/2
0 - 11 3/4

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

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood ~~on~~ deck with side. +1"

Winter Freeboard from deck line 1 - 0 3/4
Summer 0 - 11 1/2
Indian Summer ✓
N.A. Winter ✓

Winter Freeboard from deck line 0 - 11 1/2
Summer 2
Indian Summer 1
N.A. Winter 1

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 RECEIVED 25/4/22

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *Yes* Bridge House? ☒ Forecastle? *Yes*
 To what height do the Reverse Frames extend? *above turn of Bidge*
 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? ☒ 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 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? *2'-10"* 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? *Yes*
 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? *3'-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.	No. 1. 20'-0" x 12'-0"		No. 2. 9'-0" x 12'-0"							
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	24" above wood deck	24"	24"	24"						
Thickness										
Sides	.46		.46							
Ends	.46		.46							
SHIFTING BEAMS OR WEB PLATES										
Number	1		1							
Section and Scantlings	Angles 3" x 3" x 3/16"		horne							
Material	Steel		3" leading 3/4" thick							
* FORE AND AFTERS.										
Number	3		3							
Section and Scantlings	4" x 4" Wood		4" x 4" Wood							
Material	Wood		Wood							
HATCHES Thickness	3"		3"							
Remarks	Carg. all 7+6									

* 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? _____ Strake between Main and Bridge Sheerstrakes? _____

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.

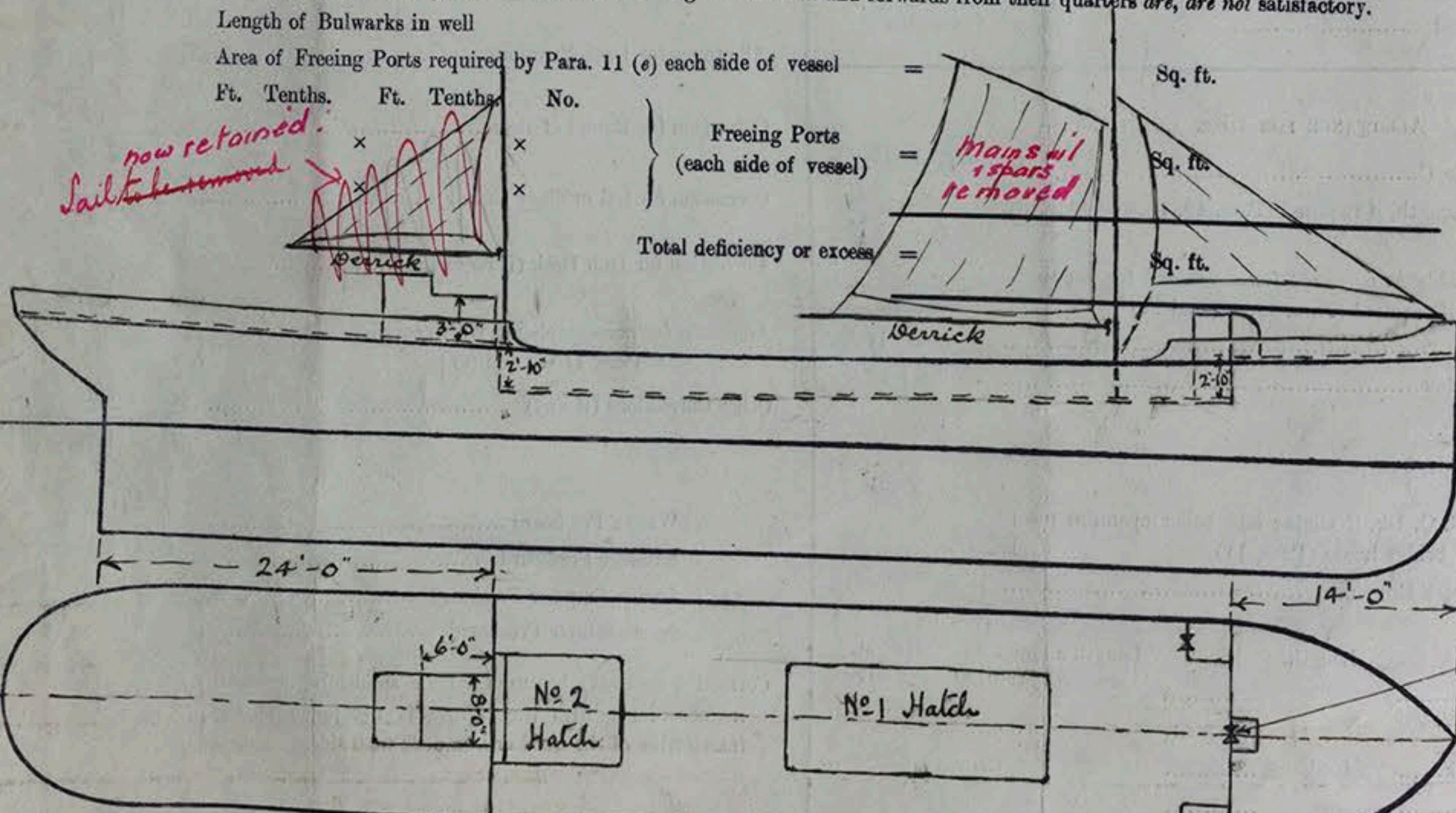
Length of Bulwarks in well _____

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

Ft. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) = _____ Sq. ft.

Total deficiency or excess = _____ 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 *This report refers to the Motor Vessel "Lizzie and Annie" which is undergoing 2nd Special Survey No. 3 for reclassification see Secretary's letter M.3.4.22. The above sketch indicates the sails fitted on this vessel. I shall be pleased to learn if these can be accepted as a motor vessel being the same as when the vessel was a sailing vessel. If any modification to the sails is required, I shall be pleased to advise.*
 Owners *G. F. Birch & Son (1919) Ltd*
 Address *5 Ayton Buildings, High Street, Hull.* If you will inform me the extent of
 Recd £ *2 : 0 : 0*
 Received by me *See Reclass. Report.*

LR-FAF-SA13-305



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