

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

29132  
No. 40184

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 GLASGOW  
Date of Survey 1920  
Name of Surveyor Wm. M. Meark

Ship's Name. "EVELEEN" No. 315  
Port of Registry and Nationality. BELFAST  
Official Number. 142500  
Gross Tonnage. 1920  
Date of Build. 1920  
Particulars of Classification. \* 100 A1. (CONTEMPLATED)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>160.40</u>	<u>25.10</u>	<u>9.35 TO CEIL.</u> <u>9.40 TO TANKS</u> <u>9.64 TO TANK</u>	<u>323.46</u>
Length on LOADLINE.	<u>160.25</u>	Frame Depth <u>4 1/2</u> Rule <u>3</u> <u>— .25</u> SPARRING FITTED	Ceiling <u>FITTED</u> Sheer <u>+ .95</u>	Peak Tanks <u>L</u> <u>ord. floors under</u> <u>Bollers - deep</u> <u>floors under Engines</u>
	<u>160.25</u>	<u>24.85</u>	<u>10.59</u> <u>10.65</u>	<u>323.46</u>

Moulded Depth as measured... 11.8"BAR KEEL 7"

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..... 160.25  
Length in Table ..... 140.00  
Difference ..... 20.25  
Correction for 10ft., Table A. .... .90 Table C.  
× Difference divided by 10 ..... 1.82 (if required.)  
If  $\frac{3}{10}$ ths length covered divide by 2 .91 = SAY + 1"

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{3}{10}$ ths length covered ..... .77  
Thickness of usual wood deck, less stringer ..... 3.77  
CORRECTION = -3"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 25.0  
Round of Beam ..... 6 1/4  
Normal round..... L  
Difference ..... L ÷ 2 = ..... L  
Proportion of Deck uncovered (Para. 19) ... L

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

ent of fineness..... .7627  
Modification necessary }  
a. 4 (a) to (e)]\* }  
ent as corrected ..... .7475

Stem..... 70  
Sternpost... 48 } 118 ÷ 2 = 59... Mean 59.12  
24.83  
36... .95  
1/2 of the length from { Stem 39 1/2 } 66 1/2 ÷ 2 = 33 1/4... Mean 55  
Sternpost 27 }  
mean Sheer ..... 59.72 = 60.45  
d mean Sheer [Table, Para. 18] ..... 02 Correction  
Difference..... 26.12  
33.60 ÷ 4 = -8 1/2  
ited as Para. 18 (f)..... 70

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

in Sheer }  
18 (d) } ÷ 2 =  
uncovered ..... ✓ Correction

## ALLOWANCE FOR DECK ERECTIONS:—

rd, Table C..... 3 1/2  
on for Length, if required (Para. 12, 13, and 14) .....  
d by Table A. corrected for sheer, and for length, }  
if required (Para. 12, 13, and 14) }  
ge as below..... 67.42  
8 1/2  
-5.89  
-5.44

n for R.Q.Dk. if engine and boiler openings not }  
ered by bridge house (Para. 11) }  
e for Deck Erections ..... 5.72  
5.44  
5.17

Length.	Length allowed.	Height.
<u>21.25</u>	<u>21.25</u>	<u>7.00</u>
<u>8.92</u>	<u>8.92</u>	<u>7.00</u>
<u>95.44</u>	<u>95.44</u>	<u>3.50</u>
	<u>125.61</u>	
total	<u>160.25</u>	<u>= .7838</u>

ding percentage }  
(Para. 11, 12, 13, or 14) } 67.42 64.54%

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 " " " ...

Freeboard, Table A ..... 1 - 8 1/2  
Correction for Sheer ..... 8 1/2  
Correction for Length ..... 1  
Allowance for Deck Erections ..... 5 1/2  
Correction for Round of Beam..... 7 1/4  
Correction for fall in Sheer (if any).....  
Correction for Iron Deck (if required) ..... 3  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e)† }  
Other Corrections (if any) ..... 3 - 6  
3 - 10 1/4  
Winter Freeboard ..... 3 - 10 1/4  
Summer Freeboard ..... 3 - 8 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 iron deck with side. }  
3 - 11 1/4  
3 - 9 1/2  
3  
2  
2

Winter Freeboard from deck line .....  
Summer " " " .....  
Indian Summer " " " .....  
N. A. Winter " " " .....  
RAISED QUARTER " " " .....  
WOOD (Iron) Deck:—  
Fresh Water Line above centre of Disc ... 3 9 1/2  
Indian Summer Line " " " ... 3  
Winter Line below " " " ... 2  
Winter North Atlantic Line " " " ... 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.

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
In vessels obtaining 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 amidship beam.  
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

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Do all the Frames extend to the top height in the Poop? L Raised Quarter Deck? YES  
 To what height do the Reverse Frames extend? L  
 Has the ~~Poop~~ 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~~ Raised Quarter Deck connected with the Bridge House? YES Has the Bridge House an  
 Give particulars of the means for closing the openings in Bulkhead NO OPENINGS  
 What is the thickness of the Bridge Front plating? .26 and Coaming plate? .30  
 Give scantlings and spacing of the Stiffeners B.A. 6x3x.38 Spacing  
 Are bracket plates fitted at each end of the Stiffeners? YES Are hor'l. brackets fitted connecting  
 Has the Bridge House an efficient Iron Bulkhead at the after end? YES  
 How are the openings closed? NO OPENINGS  
 Is the Forecastle at least as high as the main or top-gallant rail? YES Has the Forecastle an efficient Ir  
 Are the Engine and Boiler openings covered by a ~~Bridge Deck~~ Raised  
 Quarter Deck, & 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? L  
 Give thickness of plating; scantlings and spacing of Stiffeners L  
 What is the height of the exposed Casings? 7'-0" Are suitable means provided for closing all opening  
 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.		Nº1 = 28'8" x 16'0"		Nº2 = 28'8" x 16'0"	
Item.		Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	37	.36	37	.36
	Thickness { Sides.....	.44	.44	.44	.44
	Ends.....	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number .....	5	5	5	5
	Section and Scantlings .....	ANGLES 3½x3x.42 14"			
	Material .....	PLATES .34			
* FORE AND AFTERS.	Number .....				
	Section and Scantlings .....				
	Material .....				
HATCHES Thickness .....		2½	2½	2½	2½
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.)

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? .52 Strake between Main and Bridge Sheerstrakes? L

Delete the words { The Crew ~~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, ~~not~~ satisfactory. ✓

Length of Bulwarks in well 32'-0" 34'-64"

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 9.76 10.00 Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	=	<u>11.23</u> Sq. ft.
3.12	×	1.8	×	2			

Total deficiency or excess = 1.23 1.23 Sq. ft.

THIS VESSEL IS A SISTER VESSEL TO THE SAME BUILDERS.  
 Nº 307. GLASGOW REPORT Nº 39595 (EXCEPT THAT THIS VESSEL IS CLOSE CEILED  
 ON SIDES & TANK TOP.

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 NO SPECIAL FEATURES.

MIDSHIP SECTION & PROFILE ENCLOSED FOR REFERENCE.

FREEBOARD REQUEST FORM IS BEING FORWARDED DIRECT BY BUILDERS.

Owners JOHN MILLIGAN & SONS LTD BELFAST

Address

Fee £ 2 : 2 : 0 Received by me



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