

22 APR 1930

Index No. 33077
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

10,353

ARTICULARS 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.

Holland & Wolff Ltd No 870

Port of Survey Belfast
Date of Survey Building 18/4/30
Name of Surveyor St. Kendall

Ship's Name. ENNISFALLEN
Port of Registry and Nationality. Cork British
Official Number. 152222
Gross Tonnage. 1930
Date of Build. 1930
Particulars of Classification. + 100 A with freeboard contemplated

Registered Dimensions from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>321.0</u>	<u>45.75</u>	<u>15.25</u>	<u>1717.20</u>
Length on LOADLINE.	<u>320</u>	Frame Depth <u>6"</u> Rule <u>8"</u>	Ceiling <u>fixed</u> Sheer <u>+ .58</u> <u>5/8" B.B. under bridge</u> <u>12" - 17"</u> <u>normal tank top</u> <u>16.54</u>	Peak <u>incl</u> Tanks <u>29</u> Deep floors <u>in Eng Rnt</u> Corruser <u>9</u> Stern <u>20</u>
CORRECTED DIMENSIONS.	<u>320</u>	<u>45.75</u>	<u>17.23</u>	<u>1737.20</u>

Co-efficient of fineness..... .696
Any modification necessary 02 Cell D.B.
[Para. 4 (a) to (e)]*
Co-efficient as corrected..... .67 (-68 Top Line)

Sheer { Stem..... 70" } 120" ÷ 2 = 60" ...Mean
at { Sternpost... 42" }
Sheer at $\frac{1}{2}$ of the length from Stem 45" } 69" ÷ 2 = 34.5" ...Mean
Sternpost 24" }
Gradual mean Sheer 60" - 63.72" = 3.72" 34.5" = 62.72" + 2
Standard mean Sheer [Table, Para. 18] 42.00 25.20 55 51.20
Difference..... 19.36 9.30 4 2.32
§ If limited as Para. 18 (f)..... -2 1/4"

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

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

Length uncovered..... Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 1'-0" ✓
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)..... 3'-4"
Difference..... 2'-11 1/4"
Percentage as below..... 41.87%
11.72 - 9.72 say 9 3/4
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)..... ✓
Allowance for Deck Erections..... 11 3/4" 9 3/4"

	Length.	Length allowed.	Height.
Forecastle.....	<u>73</u>	<u>66</u>	<u>8'</u>
Bridge House.....	<u>160</u>	<u>80</u>	<u>8'</u>
† Raised Qr. Dk.....			
Poop.....	<u>59</u>	<u>52</u>	<u>8'</u>
Total.....	<u>292</u>	<u>198</u>	<u>618</u>
Length of Ship.....	<u>320</u>	<u>320</u>	
Corresponding percentage (Para. 11, 12, 13, and 14).....	<u>41.87%</u>		

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

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

When planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
When 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.
When vessels having the total standard mean sheer means the sheer measured at the stem and sternpost, and the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
When vessels having poops and forecastles, it means the sheer measured at points distant from the stem and sternpost.

Moulded Depth as measured..... 19'-0"

Addition for Keel below base line for draught record..... inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 320 ✓
Length in Table..... 228 ✓
Difference..... 92 ✓
Correction for 10ft., Table A..... 1.1 ✓ Table C.
× Difference divided by 10..... 10.12 (if required.) ✓
If $\frac{1}{10}$ ths length covered divide by 2 5.06 say +5" ✓

6187 ÷ 232 = 26
3813 ÷ 15 = 254
CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered..... .6187

Thickness of usual wood deck, less stringer 3/4"
Mean effective sheathing 2 3/4" 3/4" × .675 = .51 - 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 45'-6"
Round of Beam..... 14"
Normal round..... 11' 3/4" 37
Difference..... 7' 3/4" ÷ 2 = 3' 7/8"
Proportion of Deck uncovered (Para. 19)..... .45 32 + 1/4"

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

Freeboard, Table A..... 110.00
Correction for Sheer..... - 2.32
37.68
Correction for Length..... + 5.06
42.74
Allowance for Deck Erections..... - 2.32
Correction for Round of Beam..... + 1.14
Correction for fall in Sheer (if any)..... - 1.14
Correction for Steel Deck (if required)..... - 1.14
For $\frac{1}{2}$ Deckfall in way of marling
Additions for non-compliance with provisions of Para. 11 (d) and (e)†
Other Corrections (if any) to correspond with approved drawings of 14'-9" moulded for all seasons (also B.S.P. subdivision diagram)
Winter Freeboard..... 4'-5"
Summer Freeboard..... 4'-5"
Indian Summer Freeboard..... 4'-5"
N. A. Winter Freeboard..... 4'-5"

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.

all seasons

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

1 1/2" Deckfall on N. A. Winter..... 4'-5 1/2" for all seasons

† 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.

W984-0062

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Lloyd's Register
MARITIME FORUM
6 MAY 2020

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Bulk Angle Frames*
 Has the Poop ~~Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? *yes plan*
 Give particulars of the means for closing the openings in Bulkhead *Hinged Door*
 Is the Poop ~~Raised Quarter Deck~~ connected with the Bridge House? *Portable Covers* Has the Bridge House an efficient Bulkhead at the fore end? *Portable Covers*
 Give particulars of the means for closing the openings in Bulkhead *yes*
 What is the thickness of the Bridge Front plating? *yes* and Coaming plate? *yes*
 Give scantlings and spacing of the Stiffeners *yes*
 Are bracket plates fitted at each end of the Stiffeners? *yes* 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? *Portable Covers over 2 1/2" P.Pine with 2 1/2" x 1/4" angles on edge and tarpaulins over cent portion*
 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? *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 *yes*
 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 Section 28 of the Rules for 1904-5? Give particulars below:— *yes*

Position and Size.	Nº 1 Fore 8'-0" x 14'-0"	Nº 2 14'-0" x 14'-0"	Nº 3 14'-0" x 14'-0"	Nº 4 8'-0" x 14'-0"	Ship.	Rule
Item.	Ship. Rule.	Ship. Rule.	Ship. Rule.	Ship. Rule.	Ship.	Rule
COAMING.						
Height above top of DECK	21"	12"	12"	15"		
Sides.....	44	44	44	44		
Thickness						
Ends.....	44	44	44	44		
SHIFTING BEAMS OR WEB PLATES.						
Number	one	Two	Two	One		
Section and Scantlings	12x6x72F I	12x6x72F I	12x6x72F I	12x6x72F I		
Material	Steel	Steel	Steel	Steel		
* FORE AND AFTERS.						
Number	none	none	none	none		
Section and Scantlings						
Material						
HATCHES Thickness	3"	3"	3"	3"		
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 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.

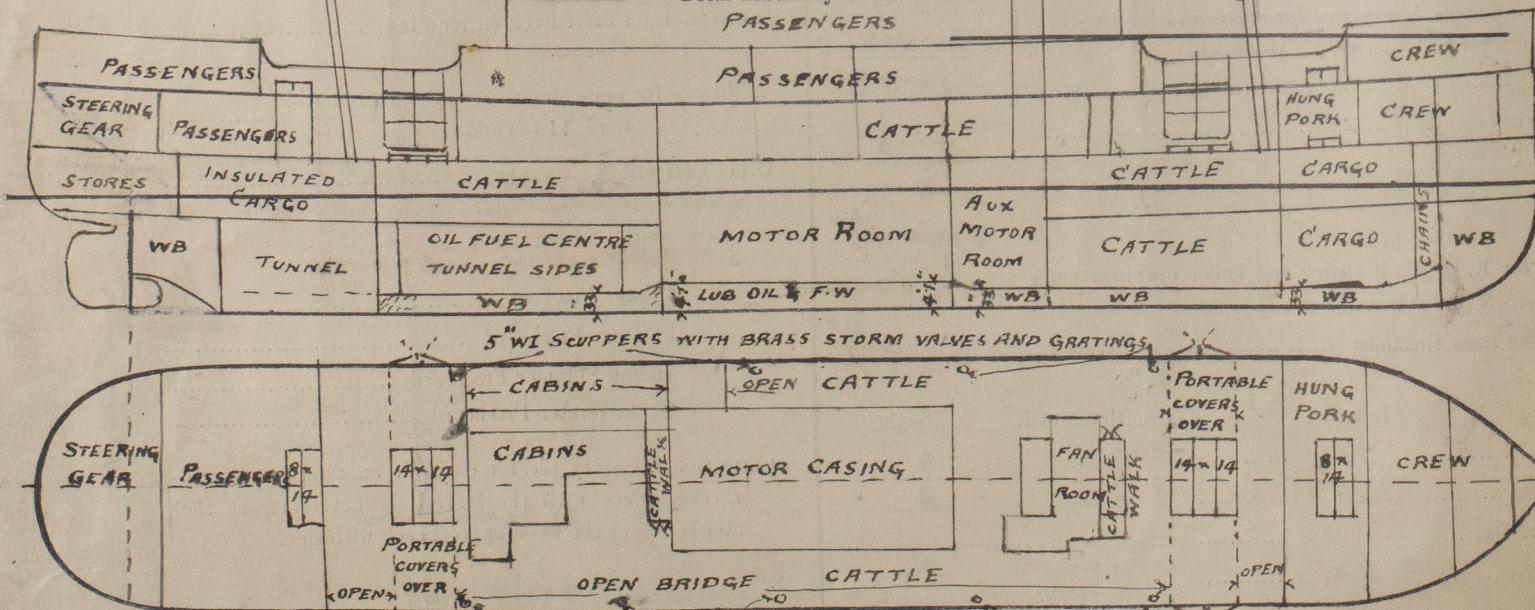
Ft. Tenths. Ft. Tenths. No.

2.5 x 1.0 x 2
(1 in way of each gangway door)

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 vessel is intended for the cross channel passenger cattle trade between Cork and Fishguard, a subdivision load line for passengers is being assigned Board of Trade*
 Builder's name and yard number *Harland & Wolff Ltd Nº 870*
 Names of sister vessels
 Owners
 Address
 Fee £ : : Received by me



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