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Index No. 31956
(For London Office only.)

Rpt. 11b.

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

Date of Survey

Name of Surveyor

Jan. 27th 1933.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
FERMANAGH.	Belfast British	1148148	355	1927/1.	+100A1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	138.1	24.35	10.0	265.75
Length on LOADLINE.	138.08	mean Frame Depth $1\frac{1}{2}$ Rule " $\frac{3}{1\frac{1}{2}}$ - .25	Ceiling fitted Sheer +.60	Peak 3rd Tanks -3 tons for keelson B.R.
CORRECTED DIMENSIONS.	138.08	24.10	10.81	262.75

Moulded Depth as measured..... 12-1 $\frac{1}{2}$.Addition for Keel below base line for draught record..... 1 $\frac{1}{2}$ 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.....	138.08.
Length in Table	145.50.
Difference	7.42.
Correction for 10ft., Table A.9
Table C.5
× Difference divided by 106678 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	-3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered529
Thickness of usual wood deck, less stringer	-1 $\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	24-3 $\frac{1}{2}$.
Round of Beam	6 $\frac{1}{2}$
Normal round.....	6
Difference	$\frac{1}{2} \div 2 =$
Proportion of Deck uncovered (Para. 19)	$\frac{1}{4}$.

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

Co-efficient of fineness..... 73
Any modification necessary } C.D.B.
[Para. 4 (a) to (e)]*
Co-efficient as corrected 71.

Sheer { Stem..... 56 } 84 + 2 = 42 ... Mean
at { Sternpost ... 28 }
Sheer at $\frac{1}{2}$ of the length from { Stem 34 } 50 ÷ 2 = 25 ... Mean
Sternpost 16 } ÷ .55 = 45.45.
Gradual mean Sheer 25.0
Standard mean Sheer [Table, Para. 18] 14.78 Correction
Difference..... 10.72 ÷ 4 = 2.68
§ If limited as Para. 18 (f) $\frac{14.78}{2} \div 4 = 1.78$ 1 $\frac{3}{4}$

Rise in Sheer { At front of bridge house..... 1 $\frac{3}{8}$
from amidships }
[Para. 18 (e)] { At after end of forecastle 34 $\frac{3}{8}$

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

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	0-3 $\frac{1}{4}$.
Correction for Length, if required (Para. 12, 13, and 14)	$\frac{1}{4}$
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	0-3.
Difference	1-8 $\frac{1}{4}$
Percentage as below.....	1-5 $\frac{1}{4}$
	33.84
	5.84

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections -5 $\frac{3}{4}$
after erection less than $\frac{1}{10}$ L.

closed	Length.	Length allowed.	Height.
Forecastle..... 15:8.	22-11	20 36	7' 0"
Bridge House	9-0	9.0	7' 0"
† Raised Qr. Dk.....	43-84	43.68	3' 6"
Poop.....		73.04	
Total		138.08	
Length of Ship			4-23.84
Corresponding percentage } (Para. 11, 12, 13, or 14) }			33.84

Freeboard, Table A	1-9 $\frac{3}{4}$.
Correction for Sheer	1-7 $\frac{1}{4}$.
Correction for Length	$\frac{3}{4}$
Allowance for Deck Erections	5 $\frac{3}{4}$
Correction for Round of Beam.....	1-0 $\frac{3}{4}$.
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	1 $\frac{1}{2}$.
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † }	0-11 $\frac{1}{4}$
Other Corrections (if any)	

Winter Freeboard	0-11 $\frac{1}{4}$.
Summer Freeboard	0-9 $\frac{3}{4}$
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 or steel deck with side.

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc ...	4 $\frac{1}{2}$.	Tropical Fresh Water Freeboard ...	0-5 $\frac{1}{2}$.
Fresh Water Line " " ...	3.	Fresh Water " " " " ...	0-6 $\frac{1}{2}$.
Tropical Line " " ...	1 $\frac{1}{2}$.	Tropical " " " " ...	0-8.
Winter Line below " " ...	1 $\frac{1}{2}$.	Winter " " " " ...	0-11.
Winter North Atlantic Line " " ...	3 $\frac{1}{2}$.	Winter North Atlantic " " " " ...	1-1.

30 JAN 1933

2m. 11.2. T.

4 W. = $\frac{798}{4 \times 6.54} = 3.05$

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