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Rpt. 11b.

Index No. 19236
(For London Office only.)

Lloyd's Register of Shipping.

4/6/34

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 Belfast
Date of Survey May 1934.
Name of Surveyor James H Rennie.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Hamilton	Stranraer British	98334	180	1905-12	+100 A1.

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered dimensions from Ship's Register.	97·5	20·1	8·1	121·89
Length on Loadline.	97·0	Frame Depth 3 Rule „ 3	Ceiling fills Sheer + 18 Depth to floors 8·5	Peak Tanks
Corrected Dimensions.	97·0	20·1	8·68	121·89

Moulded Depth as measured..... 9'-0½"

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

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

Co-efficient of fineness..... ·72
Any modification necessary [Para. 4 (a) to (e)]* } –
Co-efficient as corrected ..... –

Correction for Length.

Length of Ship on Loadline..... 97
Length in Table ..... 108·5
Difference ..... 11·5
Correction for 10ft., Table A. ..... ·8 Table C. ·4
× Difference divided by 10 ..... (if required.)
If $\frac{6}{10}$ths length covered divide by 2 –1" –½"

Sheer at { Stem 34·5 / Sternpost 22·0 } 56·5 ÷ 2 = 28·25 Mean

Sheer at ⅓ of the length from { Stem 18 / Sternpost 11 } 29 ÷ 2 = 14·5 Mean

Gradual mean Sheer ..... 26·36
Standard mean Sheer [Table, Para. 18] ..... 11·82
Difference..... 2·68 ÷ 4 = Correction –¾"
§ If limited as Para. 18 (f) .....

Correction for Iron Deck.

Proportion covered, if less than $\frac{7}{10}$ths length covered ..... ·525
Thickness of usual wood deck, less stringer ..... 2½" –1¼"

Correction for Round of Beam.

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

Breadth at Gunwale amidships..... 20'
Round of Beam 6½
Normal round..... 5"
Difference ..... 1½ ÷ 2 = ... ¾
Proportion of Deck uncovered (Para. 19) ..... ·425 ..... –¼"

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

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

Allowance for Deck Erections :—

Freeboard, Table C..... 2"
Correction for Length, if required (Para. 12, 13, and 14) ..... –½"
1½"
Freeboard by Table A. corrected for ~~sheer, and for~~ length, if required (Para. ~~11, 12, 13, and~~ 14) } 1'-1½"
Difference ..... 1'-0"
Percentage as below..... 29·922

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } –3½"
Allowance for Deck Erections .....

	Length.		Length allowed.	Height.
Forecastle	14·0	× 5/6 =	11·66	5·0
Bridge House	7·0 ✓		7·00	7·0
† Raised Qr. Dk.	30·0	× 2·66/3·78 =	26·77	2·67
Poop	✓		✓	–
Total	51·0	= ·525	45·43	= ·468
Length of Ship	97		97	= 3·74 eighths

Corresponding percentage (Para. ~~11, 12, 13, or~~ 14) } 29·922.

Freeboard, Table A ..... 1'-2½"
Correction for Sheer ..... – ¾"
1'-1¾"
Correction for Length ..... – 1"
1'-0¾"
Allowance for Deck Erections ..... – 3½"
0'-9¼"
Correction for Round of Beam..... – ¼"
0'-9"
Correction for fall in Sheer (if any)..... .....
Correction for Steel Deck (if required) ..... – 1¼"
0'-7¾"
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ } ..... } ✓
Other Corrections (if any) .....

Winter Freeboard ..... 0'-7¾"
Summer Freeboard ..... 0'-6¼"
Indian Summer Freeboard ..... 0'-4¾"
N. A. Winter Freeboard ..... 0'-9¾"

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 :— 0'-6¼" ✓

Tropical Fresh Water Line above Centre of Disc	3½" ✓	Tropical Fresh Water Freeboard	0'-2¾" ✓
Fresh Water Line „ „	2" ✓	Fresh Water „	0'-4¼" ✓
Tropical Line „ „	1½" ✓	Tropical „	0'-4¾" ✓
Winter Line below „	1½" ✓	Winter „	0'-7¾" ✓
Winter North Atlantic Line „ „	3½" ✓	Winter North Atlantic „	0'-9¼" ✓

8/7/34 JWB
4/6/34

MARKING FORM
14 JUN 1934
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MARKING FORM
22 AUG 1936
RECEIVED

5 JUN 1934

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W419-0164

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