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Liv 10/5/32

MON. DEC. 17 1923

Rpt. 11b.

Index No. 31069
(For London Office only.)

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 Apfelrose
Date of Survey December 1923
Name of Surveyor H. PearceShip's Name Wheatcrop Port of Registry and Nationality Cardiff Official Number 145737 Gross Tonnage 495 approx. Date of Build 1923 Particulars of Classification 100 A1 (New Rules)
Number in Register Book — British

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>162'0</u>	<u>25'5</u>	<u>9'9</u>	<u>315.00</u>
Length on LOADLINE.	<u>161.75</u>	Frame Depth <u>51</u> Rule <u>3 1/2</u>	Ceiling <u>2 1/2</u> Sheer <u>1 1/2</u>	Peak Tanks <u>Incl.</u> Hollow in E.B. + 2.2 tons
CORRECTED DIMENSIONS.	<u>161.75</u>	<u>25'5.32</u>	<u>10'10</u>	<u>315.00</u> <u>317.2</u>

Coefficient of fineness.....

Any modification necessary

[Para. 4 (a) to (e)]*

Coefficient as corrected.....

Sheer { Stem..... 52"
at { Sternpost... 26" } $78 \div 2 = 39"$...Mean 39.09
Sheer at $\frac{1}{2}$ of the length from { Stem 29"
Sternpost 14" } $43 \div 2 = 21\frac{1}{2}"$...Mean 21.25
Gradual mean Sheer 21.2 $\div 2 = 10.6$ 39.04 allowed
Standard mean Sheer [Table, Para. 18] 26.17 Correction 3.25
Difference..... 13.27 $\div 4 = 3.27
§ If limited as Para. 18 (f) - 3 1/4"$ Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastleFall in Sheer {
Para. 18 (d) }

Length uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0' 3 1/2"
Correction for Length, if required (Para. 12, 13, and 14)Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 1' 5 3/4"Difference 1' 2 1/4"Percentage as below..... 70%Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) + .20Allowance for Deck Erections 9.77
- 9 3/4"

	Length.	Length allowed.	Height.
Forecastle.....	<u>23'3"</u>	<u>22.27</u>	<u>7'0"</u>
Bridge House.....	<u>12'3"</u>	<u>11.72</u>	<u>7'0"</u>
† Raised Qr. Dk.....	<u>95'6"</u>	<u>95.50</u>	<u>4'0"</u>
Poop.....			

Total 131'0" 131.82Length of Ship 161.75 = .80Corresponding percentage {
(Para. 11, 12, 13, or 14) } 70%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

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* 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Moulded Depth as measured..... 12'0"
Addition for Keel below base line for draught record..... 7" inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 161.75
Length in Table 144.00
Difference 17.75
Correction for 10ft., Table A.9 Table C.
× Difference divided by 10 1.77 1.6 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 .8 1.6

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length coveredThickness of usual wood deck, less stringer 3" - 3"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 25'6"
Round of Beam 6 1/2"
Normal round..... 6.38
Difference 12 $\div 2 =$ 06
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A

Correction for Sheer 1' 9"
- 3 1/4"
1' 5 3/4"Correction for Length + 3/4"
1' 6 1/2"Allowance for Deck Erections - 10 1/4"
0' 8 1/4"Correction for Round of Beam..... ✓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) † } 0' 5 3/4"Other Corrections (if any) Height of R.Q.D. 4' 0"
4' 5 3/4"Winter Freeboard 4' 5 3/4"Summer Freeboard 4' 5"

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 iron deck with side. 1"Winter Freeboard from deck line 4' 6 3/4"Summer " " " " 4' 5"Indian Summer " " " " ✓N.A. Winter " " " " ✓Wood (Iron) Deck :— 4' 5"
3"
1 1/2"

† 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.

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