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Mel. RPT No 3936

Index No. **32018**
(For London Office only.)

6 - APR 1926

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 MELBOURNE
Date of Survey 10th Feb 1926.
Name of Surveyor J. W. Cowan

Ship's Name. "AKUNA" ex "UNA"	Port of Registry and Nationality. <u>Williamstown</u> <u>British</u>	Official Number. <u>151823</u>	Gross Tonnage. <u>953</u>	Date of Build. <u>1911</u>	Particulars of Classification. <u>Class contemplated - 100A1</u> <u>with fwd. Pilot Vessel</u>
Number in Register Book <u>37923 (Suppl.)</u>					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>210</u>	<u>31</u> <u>31.17</u>	<u>19</u>	<u>884</u>
<u>193</u>	Frame Depth <u>6</u> Rule <u>5</u> <u>2.5 - .14</u> <u>Sparings fitted</u>	Ceiling <u>3" fitted</u> Sheer <u>+ .02</u> <u>To Tank Top</u> <u>21.12</u>	Peak Tanks
<u>193</u>	<u>31.0</u>	<u>21.14</u>	<u>884</u>

Moulded Depth as measured..... 23-3 1/2 to upper deck
16-0 to main deck
 Rule wood dk less 3 1/2
 wood sheathing fitted 3/2
 Addition for Keel below base line 1/2 1/6 23-3
 for draught record..... inches. to use

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

23 3/2
7/2
23-11
2-9/2
21 1/2

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 193
 Length in Table 192 279
 Difference 1 86
 Correction for 10ft., Table A. 1.2 Table C.
 × Difference divided by 10 10.32 (if required)
 If 1/10ths length covered divide by 2 + 10 1/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer 3 1/2 wood deck fitted
2 1/2 Wood Sheathing fitted
 Allowed in reduced Mld. Depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 31.0
 Round of Beam 4 1/2
 Normal round..... 4 3/4
 Difference 1/4 ÷ 2 = 1/8
 Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A 2-7 4 1/2"
 Correction for Sheer - 1/4"
 Correction for Length 2-7 4 1/4"
 Allowance for Deck Erections - 10 1/4"
3.9"

Correction for Round of Beam..... ✓
 Correction for fall in Sheer (if any)..... ✓
 Correction for Iron Deck (if required) 2 1/2 Sheathing on keel allowed
in reduced Mld. Depth
 Additions for non-compliance with provisions of
 Para. 11 (d) and (e) †
 Other Corrections (if any) For scantlings and to correspond
to the approved moulded draught + 4" 5"
of 15 - 4 1/2 (15 - 4 3/4 actual) 8.2

Winter Freeboard
 Summer Freeboard 3"
 Indian Summer Freeboard
 N. A. Winter Freeboard
 } 8.2 1/2

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 1/4"

Winter Freeboard from deck line
 Summer " " " "
 Indian Summer " " " "
 N. A. Winter " " " "
 } 8.3 3/4

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 " " " "

fineness..... .605 .699
 correction necessary } .68 (lowest in tables) C.O.B.
 to (e)* }
 corrected68

4'-9" } 75 ÷ 2 = 37.5
 1'-6" } 35 1/2 ... Mean 36 1/2
.02

the length from { Stem 2'-3"
 Sternpost 6" } 33 ÷ 2 = 16 1/2 ... Mean
+ 55 = 30

Sheer 30.0
 Sheer [Table, Para. 18] ... 29.3 Correction
 Difference..... 7 ÷ 4 = .17
 Para. 18 (f) Nil - 1/4"

{ At front of bridge house.....
 { At after end of forecastle

÷ 2 =
 Correction

ALLOWANCE FOR DECK ERECTIONS :-
 C.....
 length, if required (Para. 12, 13, and 14) 2-7
2-0
 Table A. corrected for sheer, and for length, }
 if required (Para. 12, 13, and 14) }

Q. Dk. if engine and boiler openings not }
 bridge house (Para. 11) }
 k Erections

Length.	Length allowed.	Height.
.....
.....
.....

Percentage {
 or 14) }

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 " " " "

† 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.

