

Met. Rpt No 3936

Index No. 32018  
(For London Office only.)

6 - APR 1926

Index N  
(For
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 10<sup>th</sup> Feb 1926.  
Name of Surveyor R. H. Conway

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"AKUNA" ex "UNA" Number in Register Book 37923 (Suppl.)	Williamstown British	151823	953	1911	Class contemplated - 100A1 with 400. Pilot Vessel

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
210	34 31.1700	19	884
193	Frame Depth 6 Rule " 5 7 x 2 = .14 Sparring fitted.	Ceiling 3" fitted Sheer +.02 To Tank Top 21.12	Peak Tanks
193	31.0	21.14	884

Moulded Depth as measured.....  $23 - 3\frac{1}{2}$  to upper deck  
 Rule wood dk less  $3\frac{1}{2}$   $16 = 0$  to main deck  
 wood sheathing  $\frac{1}{2}$   $\frac{1}{2}$   
 Addition for Keel below base line  $\frac{1}{2}$   $\frac{1}{16}$   $23 - 3$   
 for draught record..... inches.  $t_{me}$

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

$$\begin{array}{r} 23 \frac{3}{2} \\ - 7 \frac{1}{2} \\ \hline 23 - 11 \\ 2 = 9 \frac{1}{2} \\ \hline 1 \frac{1}{2} \end{array}$$

f. fineness..... ~~.605~~ .699  
 tion necessary }  
 z) to (e)]\* } .68 (~~lowest~~ in tables) C.O.B.  
 s corrected ..... .68

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	193
Length in Table .....	<del>192</del> 249
Difference .....	<u>1</u> 86
Correction for 10ft., Table A. ....	1.2 Table C.
× Difference divided by 10 .....	10.32 (if required.)
If $\frac{6}{10}$ ths covered divide by 2	+ 10 $\frac{1}{4}$ "

..... $4' - 9''$  }  $75 \div 2 = 37\frac{1}{2}$  ... Mean  
post ...  $1' - 6''$  }

the length from { Stem  $2' - 3''$  }  $33 \div 2 = 16\frac{1}{2}$  ... Mean  
                              Sternpost  $6''$  }  $+ 55 = 30$

Sheer .....  $30.0$

1 Sheer [Table, Para. 18] ...  $\underline{29.3}$       Correction

Difference.....  $.7$        $\div 4 = .17$

Para. 18 (*f*) .....      nil —  $\frac{1}{4}''$

CORRECTION, FOR IRON DECK.

Proportion covered, if less than  $\frac{7}{10}$ ths length covered .....

Thickness of usual wood deck, less stringer .....

*2 1/2 Wood Sheathing fitted*

~~3 1/2 wood deck~~  
fitted  
Allowed in reduced  
inld. Depth

{ At front of bridge house.....  
 { At after end of forecastle .....  
 }  $\div 2 =$   
 ed .....  
 Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	31.0
Round of Beam .....	$4\frac{1}{2}$
Normal round.....	<del>normal</del>
Difference .....	$4\frac{3}{4}$
	$\frac{1}{4} \div 2 =$ .....
Proportion of Deck uncovered (Para. 19) .....	

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

ALLOWANCE FOR DECK ERECTIONS:—

C.....

length, if required (Para. 12, 13, and 14) .....

ble A. corrected for sheer, and for length, }  
f required (Para. 12, 13, and 14) }

~~7~~  
~~2-7~~  
~~2-0~~

Freeboard, Table A .....

Correction for Sheer .....

Correction for Length .....

Allowance for Deck Erections .....

$$\begin{array}{r} 2 - 7 \quad 4'' \quad 7\frac{1}{2}'' \\ \hline 2 - 7 \quad 4'' \quad 7\frac{1}{2}'' \\ \hline \quad \quad \quad - 10\frac{1}{4}'' \\ \hline 3 \cdot 9 \end{array}$$

Q. Dk. if engine and boiler openings not }  
ridge house (Para. 11) }

k Erections

Correction for Round of Beam..... ✓

Correction for fall in Sheer (if any).....

Correction for <sup>2 1/2" sheathing on steel</sup> Iron Deck (if required) ..... allow  
the reduced m

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

[illegible]

Winter Freeboard .....	
Summer Freeboard .....	3"
Indian Summer Freeboard .....	
N. A. Winter Freeboard .....	

$$\left. \begin{array}{r} 1-7 \\ 8-2 \end{array} \right\}$$

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.

Recommended	amidships from centre of Disc to top of Statutory Deck			
Fresh Water Line		above	centre of Disc	...
<del>Indian Summer Line</del>		"	"	"
<del>Winter Line</del>		below	"	"
<del>Winter North Atlantic Line</del>		"	"	"

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

8.  $3\frac{3}{4}$

Line, Wood (~~Iron~~) Deck :- ... .. 8" 3" ~~1' 3"~~ For all seasons

planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

When an allowance for deck erections under Para. 11 where the sheer drops abaft amidships of the R.Q.D. is to be taken from the level of the top of the amidship beam.

For vessels the total standard mean sheer means the sheer measured at the stem and stern transoms having poops and forecastles, it means the sheer measured at points distant one-tenth of the vessel's length from stem and stern-post.

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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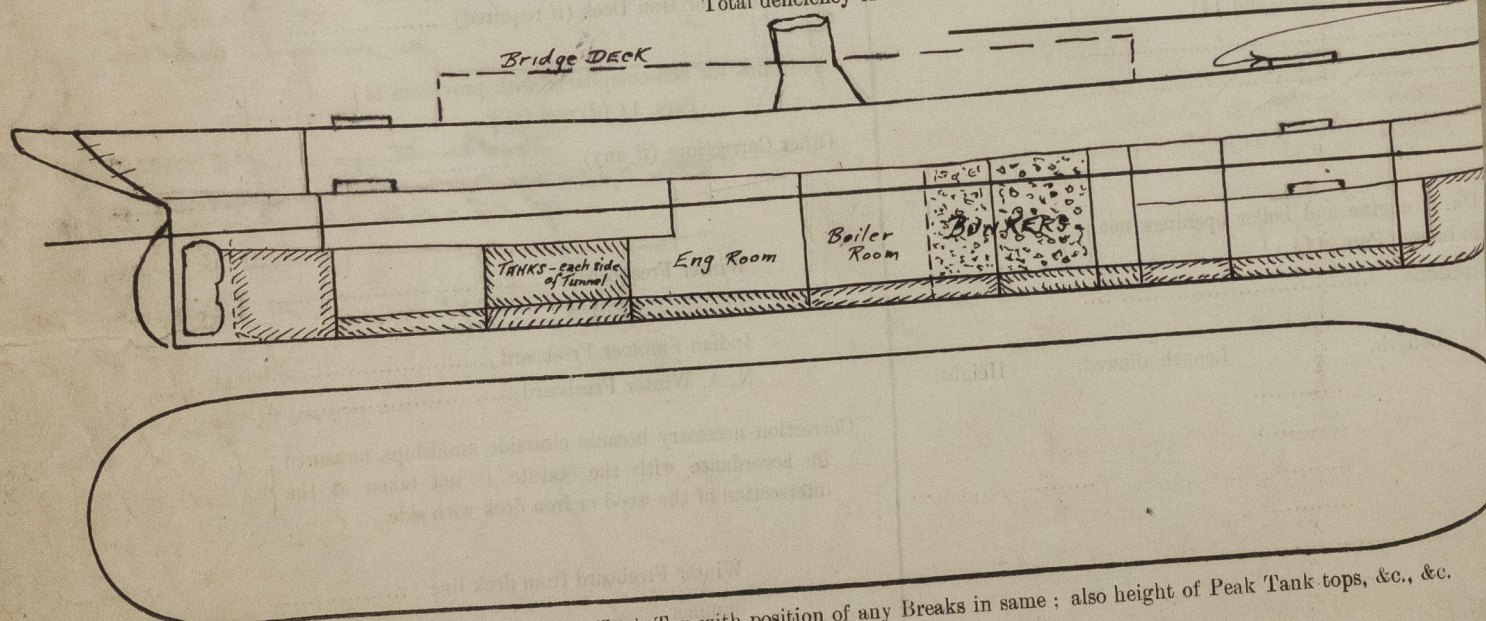


Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? ☒ Bridge House? ☒ Forecastle? ☒  
 To what height do the Reverse Frames extend? *To main deck in Eng & Boiler room only*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒  
 Give particulars of the means for closing the openings in Bulkhead ☒  
 What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒  
 Give scantlings and spacing of the Stiffeners ☒  
 Are bracket plates fitted at each end of the Stiffeners? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒  
 Has the Bridge House an efficient Iron Bulkhead at the after end? ☒  
 How are the openings closed? ☒ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? ☒  
 Is the Forecastle at least as high as the main or top-gallant rail? ☒  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Strong steel deck house*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? ☒  
 Give thickness of plating; scantlings and spacing of Stiffeners *.31 plating, 2 1/2 x 2 1/2 x 25 angle stiffeners 30" & 21" apart*  
 What is the height of the exposed Casings? ☒ Are suitable means provided for closing all openings in them in bad weather? ☒  
 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 (Forward) 5'-10" x 6'-10"	No. 2 (Aft) 5'-10" x 6'-10"	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.									
Height above top of DECK	<i>9" (permanently decked over)</i>	<i>18 1/2</i>	<i>.31</i>						
Thickness { Sides.....	<i>.31</i>		<i>.31</i>						
{ Ends.....	<i>.31</i>								
SHIFTING BEAMS OR WEB PLATES.									
Number .....									
Section and Scantlings .....									
Material .....									
* FORE AND AFTERS.									
Number .....									
Section and Scantlings .....									
Material .....									
HATCHES Thickness .....	<i>2"</i>								
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.) *all side scuttles the load line will be permanently how*  
 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  
 What is the thickness of the Bridge Sheerstrake? *How*  
 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. *How*

Length of Bulwarks in well *Nil* Sq. ft.  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel =  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = ☒ Sq. ft. ☒  
                   x                   x  
                   x                   x } (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 ☒

Owners *The Port Phillip Sea Pilots.*  
 Address *Custom House Williamstown.*  
 Fee £  Received by me