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Index No. 30844  
(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 Appledore

Date of Survey 19<sup>th</sup> March 1923

Name of Surveyor J. Pearce

Messrs. The Hanson A.B. S.R. Co's S<sup>rs</sup>

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Honkstone</u>	<u>Lovan British</u>	<u>147484</u>	<u>868 approx 867</u>	<u>1923</u>	<u>100. A1.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>190'-0"</u>	<u>30' 15" Extd. 30'-0" Inld.</u>	<u>12' 5"</u>	<u>591.66.</u>
Length on LOADLINE.	<u>189'-6"</u>	Frame Depth <u>5 1/2"</u> Rule <u>3 1/2"</u>	Ceiling <u>12' 5"</u> Sheer <u>1' 7"</u>	Peak Tanks } <u>Incld.</u>
CORRECTED DIMENSIONS.	<u>189'-6"</u>	<u>30'-0"</u> <u>29.82</u>	<u>13'-4 1/4"</u> <u>13.41</u>	<u>593.35</u> <u>591.66</u>

Moulded Depth as measured..... 14'-6"

Addition for Keel below base line for draught record..... 1" 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.....	<u>189'-0"</u>
Length in Table .....	<u>174'-0"</u>
Difference .....	<u>15'-6"</u>
Correction for 10ft., Table A. ....	<u>1' 0"</u> Table C.
× Difference divided by 10 .....	<u>1' 55"</u> (if required.)
If 1/10ths length covered divide by 2	<u>77 + 3/4"</u>

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>3"</u>
Thickness of usual wood deck, less stringer .....	<u>-3"</u>

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>30'-0"</u>
Round of Beam .....	<u>7 1/2"</u>
Normal round.....	<u>7 1/2"</u>
Difference .....	<u>-</u> ÷ 2 = .....
Proportion of Deck uncovered (Para. 19) .....	<input checked="" type="checkbox"/>

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

Co-efficient of fineness..... .78  
 Any modification necessary } C.D.B.  
 [Para. 4 (a) to (e)]\* }  
 Co-efficient as corrected ..... 593.35  
~~189 x 30 x .78 = 4477.4~~ ~~787~~ 76

Sheer { Stem..... 76" } 109. ÷ 2 = 54' 5" Mean 36 / 2559  
 at { Sternpost ... 33" } 71

Sheer at 1/2 of the length from { Stem 43" } 60 ÷ 2 = 30 Mean  
 { Sternpost 17" }

Gradual mean Sheer 30 ÷ 53 = 54.54 54.52 Allowed  
 Standard mean Sheer [Table, Para. 18] 29.0. 28.95 Correction  
 Difference..... 25.57 ÷ 4 = 6' 4"  
 § If limited as Para. 18 (f) ..... -6 1/2"

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

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

### ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 6' 8" 0'-6 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) } 227. 1-10

Difference ..... 57 1-3 1/2  
 Percentage as below..... 65.2% 65.57%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } + 45

Allowance for Deck Erections 65.27 x 15.46 = 10.2 9.71  
-9 3/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>26' 35"</u>	<u>26' 35"</u>	<u>7'-6"</u>
Bridge House .....	<u>13' 50"</u>	} <u>119.65</u>	} <u>11'-6"</u>
† Raised Qr. Dk. <u>to apron bridge</u> .....	<u>106' 15"</u>		
Poop.....	<u>-</u>	<u>✓</u>	<u>-</u>
Total .....	<u>146.00</u>	<u>146.0</u>	<u>= 7705</u>
Length of Ship .....	<u>189.50</u>	<u>189.5</u>	

Corresponding percentage { 72% is 65.8% deducting  
 (Para. 11, 12, 13, or 14) } 65.57%

### FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-

Fresh Water Line	above centre of Disc	.....	<u>3 1/2"</u>
Indian Summer Line	" " "	.....	<u>2"</u>
Winter Line	below " "	.....	<u>2"</u>
Winter North Atlantic Line	" " "	.....	<u>4 1/2"</u>

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Freeboard, Table A .....	<u>2-4 1/2</u>
Correction for Sheer .....	<u>6 1/2</u>
Correction for Length .....	<u>1-10</u>
Allowance for Deck Erections .....	<u>1-10 3/4</u>
Correction for Round of Beam.....	<u>9 3/4</u>
Correction for fall in Sheer (if any).....	<u>1-1</u>
Correction for Iron Deck (if required) .....	<u>-3</u>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } Other Corrections (if any) <u>Raised Quarter Deck</u> .....	<u>4-0</u>
	<u>4-10</u>

Winter Freeboard .....	<u>4-10</u>
Summer Freeboard .....	<u>4-8</u>
Indian Summer Freeboard .....	<u>4-6</u>
N. A. Winter Freeboard .....	<u>5-0 1/2</u>

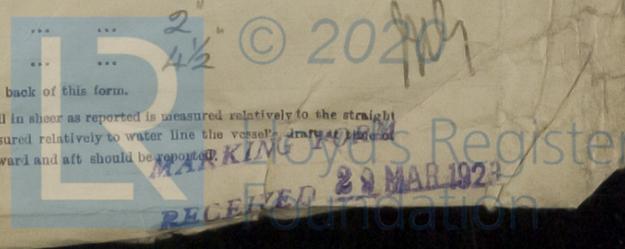
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the Steel wood or iron deck with side. } 1/4"

Winter Freeboard from deck line .....	<u>4-11 1/4"</u>
Summer " " " " .....	<u>4-9 1/4"</u>
Indian Summer " " " " .....	<u>4-7 1/4"</u>
N. A. Winter " " " " .....	<u>5-1 3/4"</u>

Steel Raised Quarter Deck	.....	<u>4-9</u>
Wood (Iron) Deck :-	.....	<u>3 1/2"</u>
	.....	<u>2"</u>
	.....	<u>2"</u>
	.....	<u>4 1/2"</u>

Q. 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 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-tenth of the vessel's length from stem and sternpost.

† 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.



Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes  
 To what height do the Reverse Frames extend? Centre guide to tank side  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? Yes  
 Give particulars of the means for closing the openings in Bulkhead W.T. Door 21 x 21' P+S. in Bridge front Bulkhead.  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? Yes Has the Bridge House an efficient Bulkhead at the fore end? Yes  
 Give particulars of the means for closing the openings in Bulkhead no openings in Bridge front Bulkhead above level of RQ Deck  
 What is the thickness of the Bridge Front plating? "26" and Coaming plate? "36"  
 Give scantlings and spacing of the Stiffeners 5 1/2 x 3 x 40 BA. 30" apart.  
 Are bracket plates fitted at each end of the Stiffeners? Yes Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? Yes  
 Has the Bridge House an efficient Iron Bulkhead at the after end? Yes  
 How are the openings closed? Single steel & wood doors.  
 Is the Forecastle at least as high as the main or top-gallant rail? Yes Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Yes (steel.)  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? Yes. Steel Deckhouse above RQ Deck.  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? Yes  
 Give thickness of plating; scantlings and spacing of Stiffeners Coaming .30; Plating .25. Stiffen 2 1/2 x 2 1/2 x 30; 22" apart.  
 What is the height of the exposed Casings? 7 1/6" Are suitable means provided for closing all openings in them in bad weather? Yes  
 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 Fore 34' 10" x 18' 0"		No. 2 Aft 33' 0" x 18' 0"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.						
COAMING	Height above top of DECK	34" - approved	34" - approved							
	Thickness	Sides	44	44						
		Ends	44	44						
SHIFTING BEAMS OR WEB PLATES	Number	6	6							
	Section and Scantlings	Plate 17 x 36 Double angle 4 x 3 x 44 approved								
	Material	Steel	Steel							
* FORE AND AFTERS	Number	none	none							
	Section and Scantlings	fitted	fitted							
	Material									
HATCHES	Thickness	2 1/2"	2 1/2"							
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.)

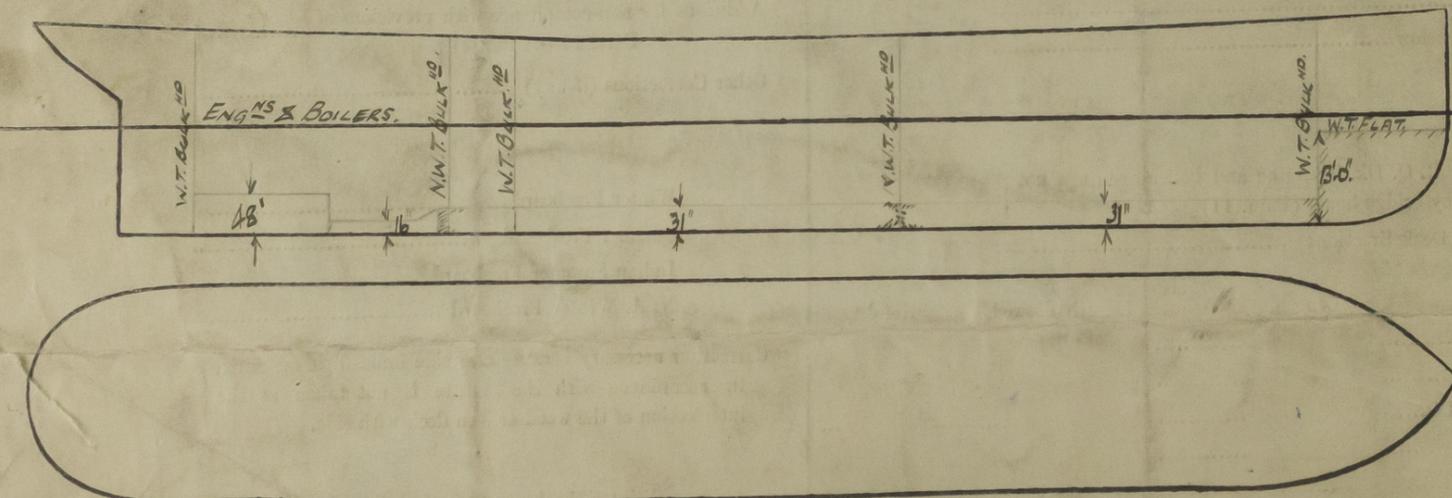
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

26  
34  
64

What is the thickness of the Bridge Sheerstrake? See sketch opposite Strake between Main and Bridge Sheerstrakes? —  
 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.  
 Length of Bulwarks in well 43.5 44 ft.  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 10.85 11 Sq. ft.  

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = <u>13.5</u> Sq. ft.
3'-0"	x	1.5	x	3.	

 Total deficiency or excess = 2.65 25 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  
The Bridge is 7' 0" above the Raised Quarter Deck is 11' 0" above Bell Deck.  
An Alleyway through Bridge on RQ Deck is arranged on Starboard side for access from RQ Deck to Bell Deck directly.  
 Owners The Harmer Shipping Coy Ltd.  
 Address 11/12 Mount Stuart Square, Cardiff.

Loc £ Received by me

