

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

Date of Survey 28-9-32.

Name of Surveyor

HORDENA

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"HORDEN."	Newcastle	133,583	2677	1916	+ 100 A.1.
Number in Register Book	Panama	Belgian			

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	321.0	43.25	19.5	2150.45
Length on LOADLINE.	321.0	Frame Depth 9 Rule " 52 2 x 3 1/2 - .58	Ceiling + .20 Sheer + .46 Level Tank. 10" deeper, add + 31.55 tons	Peak Tanks Double Bottom 4" + 31.55 tons
CORRECTED DIMENSIONS.	321.0	42.67	20.16	2182

Co-efficient of fineness..... 79
Any modification necessary [Para. 4 (a) to (e)]* - .02 C.D.B.
Co-efficient as corrected 77.

Sheer { Stem..... 87 }
at { Sternpost ... 30 } 117 ÷ 2 = 58.5 ... Mean
Sheer at 1/2 of the length from { Stem 48 }
{ Sternpost 16 3/4 } 64 3/4 ÷ 2 = 32.375 ... Mean
Gradual mean Sheer 58.68
Standard mean Sheer [Table, Para. 18] 42.10
Difference..... 16.58 ÷ 4 = - 4 1/4"
§ If limited as Para. 18 (f)

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..... 1'-8 3/4"
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 4'-0 3/4"
Difference 2'-4
Percentage as below..... 43.6%
12 1/4"

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

	Length.	Length allowed.	Height.
Forecastle.....	32'-0"	32.0	7'-0"
Bridge House as R.Q.D.	63'-0"	63.0	7'-0" above R.Q.D.
† Raised Qr. Dk.....	122'-7" x 425	105.4	4'-3" ...
Poop.....	✓	✓	✓
Total		200.4	= .624
Length of Ship		321.0	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	43.6%		

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

Tropical Fresh Water Line above Centre of Disc ...	8"
Fresh Water Line " " ...	5"
Tropical Line " " ...	3"
Winter Line below " " ...	3 1/2"
Winter North Atlantic Line " " ...	1"

Tropical Fresh Water Freeboard ...	7'-0 1/4"
Fresh Water " " ...	6'-4 1/4"
Tropical " " ...	6'-7 1/4"
Winter " " ...	6'-9 1/4"
Winter North Atlantic " " ...	7'-3 3/4"

F.W. = 5810
40 x 286

= 5.08 - 5.

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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..... 321
Length in Table 261
Difference 60
Correction for 10ft., Table A. 1.2
× Difference divided by 10 7.2
If 10ths length covered divide by 2 + 3 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered 68
Thickness of usual wood deck, less stringer 3 1/2
- 3 1/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 42'-0"
Round of Beam 10 3/4"
Normal round..... 10 1/2"
Difference 1/4" ÷ 2 = 1/8"
Proportion of Deck uncovered (Para. 19) NIL.

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

Freeboard, Table A 4'-5"
Correction for Sheer 4 1/4"
Correction for Length 3 1/2"
Allowance for Deck Erections 1'-0 1/4"
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) 3 1/4"
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard 3'-0 3/4"
Summer Freeboard 2'-9 1/2"
Indian Summer Freeboard 2'-6 1/4"
N. A. Winter Freeboard 3'-3 1/4"

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. NIL.

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

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