

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD, STEAM SHIPS.

No. 28534

PARTICULARS RELATING TO A STEAM SHIP EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES SHORT POOP AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOP, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sunderland  
Submitting Place 1<sup>st</sup> March 1923.  
Date of Survey  
Name of Surveyor T. Shaw

Ship's Name <u>Piedmont No 286</u>	Port of Registry and Nationality. ✓	Official Number. ✓	Gross Tonnage. ✓	Date of Build. <u>1923</u>	Particulars of Classification. <u>Contemplated 100 A1.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>Plans</u>	<u>365.0</u>	<u>51.5</u>	<u>23.875</u>	<u>3754</u>
Length on LOADLINE.	<u>364.12</u>	Frame Depth <u>10 1/2</u> Rule <u>5 1/2</u> Sheer <u>4.65</u>	Ceiling <u>fitted</u> Peak <u>included</u> Tanks	
CORRECTED DIMENSIONS.	<u>364.12</u>	<u>50.75</u>	<u>24.45</u>	<u>3754</u>

Moulded Depth as measured..... 26'-1"

Addition for Keel below base line for draught record..... inches.

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

26-1  
1-05  
27-1 1/2  
3-4 1/2  
28.9

Co-efficient of fineness..... .83

Any modification necessary [Para. 4 (a) to (e)]\* .02 CDD

Co-efficient as corrected..... .81

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 364.12

Length in Table..... 313

Difference..... 51.12

Correction for 10ft., Table A..... 1.4 Table C.

× Difference divided by 10..... 7.15 (if required.) .7

If 1/10ths length covered divide by 2 +7 1/4 +3 1/2

Sheer { Stem..... 90 }  
at { Sternpost... 51 }  $141 \div 2 = 70.5$  Mean 70.5 36 / 23.59 .65

Sheer at 1/2 of the length from { Stem 58 }  
Sternpost 26 }  $47 \div 2 = 23.5$  Mean 23.5

Gradual mean Sheer..... 70.0

Standard mean Sheer [Table, Para. 18]..... 46.41 Correction

Difference.....  $23.59 \div 4 = 5.89$

§ If limited as Para. 18 (f)..... -6

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered..... .4515

Thickness of usual wood deck, less stringer..... 3/2

-1 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) }  $\div 2 =$  ✓

Length uncovered..... Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50

Round of Beam..... 12 1/2

Normal round..... 12 1/2

Difference.....  $\div 2 =$  ✓

Proportion of Deck uncovered (Para. 19).....

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 3-0 1/4

Correction for Length, if required (Para. 12, 13, and 14)..... + 3 1/2

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)..... 6-2 3/4

Difference..... 2-11

Percentage as below..... 28.6

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

Allowance for Deck Erections..... -10"

Freeboard, Table A..... 6-1 1/2

Correction for Sheer..... -6

Correction for Length..... +7 1/4

Allowance for Deck Erections..... 6-2 3/4

Correction for Round of Beam..... -10

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

Correction for Iron Deck (if required)..... -1 1/2

Additions for non-compliance with provisions of Para. 11 (d) and (e) †..... 5-3 1/4

Other Corrections (if any)..... ✓

Winter Freeboard..... 5-3 1/4

Summer Freeboard (3 1/2 - 5)..... 4-11

Indian Summer Freeboard..... 4-6 3/4

N. A. Winter Freeboard..... ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>31.0</u>	<u>31.0</u>	<u>70 1/2</u>
Bridge House.....	<u>102.1</u>	<u>102.1</u>	"
† Raised Qr. Dk.....			
Poop.....	<u>31.3</u>	<u>31.3</u>	<u>45.15</u>
Total.....		<u>164.4</u>	
Length of Ship.....		<u>364.12</u>	
Corresponding percentage (Para. 12, 13, or 14).....	<u>28.60</u>		

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. +13 1/4

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, wood (iron) Deck :-

Fresh Water Line above centre of Disc..... 5-0 1/2 5-0 1/2

Indian Summer Line " " "..... 5 1/2 5 1/2

Winter Line below " " "..... 4 4 1/2

Winter North Atlantic Line " " "..... 4 1/2 4 1/2

Winter Freeboard from deck line..... 5-5

Summer " " "..... 5-0 3/4

Indian Summer " " "..... 4-8 1/2

N. A. Winter " " "..... ✓

† 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.

† 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.

