

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 Bilbao
Date of Survey 1st + 2nd Dec 1932
Name of Surveyor _____

Ship's Name. "GASTELU"	Port of Registry and Nationality. <u>San Sebastian Spanish</u>	Official Number.	Gross Tonnage. 3272	Date of Build. <u>1921/8</u>	Particulars of Classification. + 100 A.1.
Number in Register Book _____					

Length.	Breadth.	Depth.	Under Deck Tonnage.
331	48.0	23.3	3093
330.8	Frame Depth $8\frac{1}{4}$ Rule $5\frac{1}{2}$	Ceiling Sheer + 1.1	Peak Tanks
330.8	47.54	24.4	3093

longitudinal framing

ent of fineness..... .80
dification necessary }
4 (a) to (e)* } COR
ent as corrected78

Stem..... 114
Sternpost ... 54 } $168 \div 2 = 84$... Mean
of the length from { Stem 66
Sternpost 25 } $91 \div 2 = 45\frac{1}{2}$... Mean
mean Sheer 82.72 $\div 55 = 82.72$
mean Sheer [Table, Para. 18] 43.08 Correction
Difference..... 39.64 $\div 4 =$ -10
ed as Para. 18 (f)

Sheer { At front of bridge house.....
ships {
(e) { At after end of forecastle

Sheer { 2 $\div 2 = 1$
(d) {
covered none Correction nil

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<u>2'-10$\frac{1}{4}$</u>
or Length, if required (Para. 12, 13, and 14)	<u>+ 1$\frac{1}{2}$</u>
	<u>2'-11$\frac{3}{4}$</u>
y Table A. corrected for sheer, and for length, } required (Para. 11, 12, 13, and 14) }	<u>5'-2$\frac{3}{4}$</u>
	<u>2'-3</u>
below.....	<u>30.74</u>
	<u>8.3</u>

R. Q. Dk. if engine and boiler openings not }
by bridge house (Para. 11) }
Deck Erections -8 $\frac{1}{4}$

Length.	Length allowed.	Height.
<u>32.3 + 5.0</u> <u>long H₀</u>	<u>33.45</u>	<u>7.75</u>
<u>91.0 + 6.0</u> <u>O.H.</u>	<u>94.75</u>	<u>7.75</u>
Dk..... <u>31.2</u>	<u>31.20</u>	<u>7.75</u>
<u>154.5</u>	<u>159.40</u>	<u>= .482</u>
ip	<u>330.80</u>	
percentage } 2, 4, or 14 }	<u>30.74</u>	

Moulded Depth as measured..... 25'-8"

Addition for Keel below base line
for draught record... 2 $\frac{1}{4}$... 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>330.8</u>
Length in Table	<u>308.0</u>
Difference	<u>22.8</u>
Correction for 10ft., Table A.	<u>1.33</u> Table C. <u>.7</u>
\times Difference divided by 10	<u>3.03</u> (if required.) <u>1.6</u>
If $\frac{1}{10}$ ths length covered divide by 2	<u>+ 3</u> <u>+ 1$\frac{1}{2}$</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered482
Thickness of usual wood deck, less stringer 3.5 - 1 $\frac{3}{4}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>47.5</u>
Round of Beam	<u>12</u>
Normal round.....	<u>12</u>
Difference	<u>✓</u> $\div 2 =$ <u>✓</u>
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	<u>5'-9$\frac{3}{4}$</u>
Correction for Sheer	<u>- 10</u>
	<u>4'-11$\frac{3}{4}$</u>
Correction for Length	<u>+ 3</u>
	<u>5'-2$\frac{3}{4}$</u>
Allowance for Deck Erections	<u>- 8$\frac{1}{4}$</u>
	<u>4'-6$\frac{1}{2}$</u>
Correction for Round of Beam.....	<u>✓</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Steel Deck (if required)	<u>- 1$\frac{3}{4}$</u>
	<u>4'-4$\frac{3}{4}$</u>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) ‡ }	
Other Corrections (if any)	

Winter Freeboard	<u>4'-4$\frac{3}{4}$</u>
Summer Freeboard	<u>4'-0$\frac{1}{2}$</u>
Indian Summer Freeboard	<u>3'-8$\frac{1}{4}$</u>
N. A. Winter Freeboard	<u>✓</u>

Correction necessary because clearsides amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

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

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

Tropical Fresh Water Line above Centre of Disc ...	<u>10</u> = <u>254$\frac{1}{2}$</u>	Tropical Fresh Water Freeboard ...	<u>4'-0$\frac{1}{4}$</u> = <u>1225</u>
Fresh Water Line " " ...	<u>6</u> = <u>152$\frac{1}{2}$</u>	Fresh Water " " ...	<u>3'-2$\frac{1}{4}$</u> = <u>971</u>
Tropical Line " " ...	<u>4</u> = <u>102$\frac{1}{2}$</u>	Tropical " " ...	<u>3'-6$\frac{1}{4}$</u> = <u>1073</u>
Winter Line below " " ...	<u>4$\frac{1}{2}$</u> = <u>114$\frac{1}{2}$</u>	Winter " " ...	<u>3'-8$\frac{1}{4}$</u> = <u>1123</u>
Winter North Atlantic Line " " ...	<u>✓</u>	Winter North Atlantic " " ...	<u>4'-4$\frac{3}{4}$</u> = <u>1339</u>

30 JAN 1933

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-9 MAR 1933

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