

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Port of Survey Oslo  
Date of Survey 16 in Feb. 1933  
Name of Surveyor \_\_\_\_\_

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	408.00	55.20	26.80	4894.29
Length on LOADLINE.	407.75	Frame Depth $8\frac{1}{2}$ Rule " $\frac{6}{2\frac{1}{2}}$ $2\frac{1}{2} \times 2 = .42$ Sparring <i>fitted</i>	Ceiling <i>fitted</i> Sheer + 1.29 Yard level	Peak } Tanks } <i>See</i>
CORRECTED DIMENSIONS.	407.75	54.78	28.09	4894.29

Moulded Depth as measured..... 29' 2"

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

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	407.75	
Length in Table .....	350.00	
Difference .....	<u>57.75</u>	
Correction for 10ft., Table A. ....	1.5	Table C.
× Difference divided by 10 .....	+ 8.66	(if required.) + 4.04
If $\frac{6}{10}$ ths length covered divide by 2		

CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{7}{10}$ ths length covered ..... 4924  
Thickness of usual wood deck, less stringer ..... 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	54' 5"
Round of Beam.....	13 1/2
Normal round.....	13 1/2
Difference .....	÷ 2 = .....
Proportion of Deck uncovered (Para. 19) .....	

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

Co-efficient of fineness..... 780

Any modification necessary } -02 C D. 13  
[Para. 4 (a) to (e)]\*

Co-efficient as corrected ..... 760

Sheer { Stem.....  $\frac{116}{2}$  }  $193 \div 2 = 96.5$  ... Mean  
 at { Sternpost ...  $\frac{77}{2}$  }  
 Sheer at  $\frac{1}{8}$  of the length from { Stem  $\frac{63.5}{2}$  }  $107 \div 2 = 53.5$  ... Mean  
 { Sternpost  $\frac{43.5}{2}$  }  $\div 55 = 97.27$   
 Gradual mean Sheer .....  $\frac{96.5 + 97.27}{2}$  ..... =  $96.88$   
 Standard mean Sheer [Table, Para. 18] .....  $\frac{50.77}{4}$  ..... Correction  
 Difference.....  $\frac{46.11}{4} \div 4 = 11.53$  -  
 § If limited as Para. 18 (f) .....

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

Fall in Sheer	} $\div 2 =$
Para. 18 (d)	
Length uncovered .....	

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	48.33
Correction for Length, if required (Para. <sup>10. N. R.</sup> <del>12, 13, and 14</del> ) .....	<u>4.04</u>
Freeboard by Table A. corrected for sheer, and for length, }	52.37
if required (Para. <sup>10. N. R.</sup> <del>11, 12, 13, and 14</del> ) }	<u>83.29</u>
Difference .....	- 30.92
Percentage as below.....	31.468

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.....	38.25	39.29	9.2
Bridge House.....	124.83	124.83	9.0
↑ Raised Gr. Dk.....	2.08	1.56	
Poop.....	34.25	34.25	9.0
	1.17	.58	
Total.....	202.16	200.78	4924
Length of Ship.....	407.75	407.75	
Corresponding percentage.....			

Winter Freeboard .....	5 - 11 <sup>3</sup> / <sub>4</sub>
Summer Freeboard .....	5 - 6 <sup>1</sup> / <sub>2</sub>
Indian Summer Freeboard .....	5 - 1 <sup>1</sup> / <sub>4</sub>
N. A. Winter Freeboard .....	

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.

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

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

Tropical Fresh Water Line above Centre of Disc	...	$11\frac{1}{2} = 292$	Tropical Fresh Water Freeboard	...
Fresh Water Line	" "	$6" = 152$	Fresh Water	" "
Tropical Line	" "	$5\frac{1}{2} = 140$	Tropical	" "
Winter Line	below	$5 = 127$	Winter	" "
Winter North Atlantic Line	" "	$\checkmark$	Winter North Atlantic	" "

$5'-6\frac{1}{4}" = 1683$  m  
 $4'-6\frac{3}{4}" = 1391$  "  
 $5'-0\frac{1}{4}" = 1531$  "  
 $5'-0\frac{3}{4}" = 1543$  "  
 $5'-11\frac{1}{4}" = 1810$  "

1m,6,32.

W508-0053

MARKING FORM  
12 JUN 1933  
RECEIVED

W508-0054 1/2