

# 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 Nagasaki  
Date of Survey 22<sup>nd</sup> Nov 1932  
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>S.S. SOLI</u>	<u>Oslo</u> <u>Norwegian</u>		<u>5834</u>	<u>1915/12</u>	<u>+ 100 A.I. Carrying Pet</u> <u>in Bulk.</u>
Number in Register Book					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>411.6</u>	<u>53.4</u>	<u>31.0</u>	<u>5310</u>
<u>412.0</u>	Frame Depth $\frac{8\frac{1}{2}}{2 \times 2\frac{1}{2}} = -42$ Rule "6" no opening +33	Ceiling + 20 Sheer + 55	Peak Tanks Deep from aft +30
<u>412.0</u>	<u>53.31</u>	<u>31.75</u>	<u>5340</u>

Moulded Depth as measured..... 31'-0"  
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.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 412.00  
Length in Table ..... 372.00  
Difference ..... 40  
Correction for 10ft., Table A. .... 1.6 Table C. .8  
× Difference divided by 10 ..... 6.4 (if required.) 3.2  
If  $\frac{1}{10}$ ths length covered divide by 2 +6.40 +3.20

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .4308  
Thickness of usual wood deck, less stringer ..... 3/2 = -1.51

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 52.00  
Round of Beam ..... 13  
Normal round..... 13  
Difference .....  $\div 2 =$  .....  
Proportion of Deck uncovered (Para. 19) .....

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

nt of fineness..... .766  
ification necessary } Shallow forms  
4 (a) to (e)]\*  
nt as corrected ..... .76

Stem..... 102 } 148  $\div 2 = 74$  ...Mean 36 19.71  
Sternpost ... 46 } 55  
 $\frac{1}{8}$  of the length from { Stem 54 } 78  $\div 2 = 39$  ...Mean  
Sternpost 24 } 55  $\div 55 = 70.91$   
mean Sheer ..... 70.91  
d mean Sheer [Table, Para. 18] ..... 51.20 Correction  
Difference..... 19.71  $\div 4 = 4.93$   
ited as Para. 18 (f) .....

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

in Sheer {  $\div 2 =$   
18 (d) }  
uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

rd, Table C..... 57.50  
ion for Length, if required (Para. 12, 13, and 14) ..... 3.20  
60.70  
rd by Table A. corrected for sheer, and for length, }  
if required (Para. 11, 12, 13, and 14) } 96.47  
nce ..... 35.77  
age as below..... 27.156  
9.71

ion for R. Q. Dk. if engine and boiler openings not }  
covered by bridge house (Para. 11) }  
nce for Deck Erections ..... -9.71

	Length.	Length allowed.	Height.
tle.....	<u>37.00</u>	<u>40.00</u>	<u>7'-6"</u>
House.....	<u>26.00</u>	<u>27.50</u>	<u>7'-6"</u>
sed Q. Dk.....	<u>110.00</u>	<u>110.00</u>	<u>7'-6"</u>
Total	<u>179.00</u>	<u>177.50</u>	
Length of Ship	<u>412</u>	<u>412</u>	<u>.4308</u>

Corresponding percentage }  
(Para. 11, 12, 13, or 14) } 27.156  
10

Freeboard, Table A ..... 95.00  
Correction for Sheer ..... -4.93  
90.07  
Correction for Length ..... +6.40  
96.47  
Allowance for Deck Erections ..... -9.71  
86.76  
Correction for Round of Beam.....  
Correction for fall in Sheer (if any).....  
Correction for Steel Deck (if required) ..... -1.51  
85.25  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) }  
Other Corrections (if any) .....

Winter Freeboard ..... 7'-1 1/4"  
Summer Freeboard (5'-6") = 5 1/2 ..... 6'-7 3/4"  
Indian Summer Freeboard ..... 6'-2 1/4"  
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 " " " .....  
N. A. Winter " " " .....

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

Tropical Fresh Water Line above Centre of Disc	<u>11 1/2</u> = <u>292</u>	Tropical Fresh Water Freeboard	<u>5'-8"</u> = <u>1727</u>
Fresh Water Line	<u>6</u> = <u>152</u>	Fresh Water	<u>6'-1 1/2</u> = <u>1867</u>
Tropical Line	<u>5 1/2</u> = <u>140</u>	Tropical	<u>6'-2</u> = <u>1879</u>
Winter Line below	<u>5 1/2</u> = <u>140</u>	Winter	<u>7'-1</u> = <u>2159</u>
Winter North Atlantic Line		Winter North Atlantic	