

# 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

22<sup>nd</sup> June 1932

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
LOKE	Stockholm	4468	1233	1905	+ 100A1.
Number in Register Book	Swedish				

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	230.15	34.45	16.05	997
Length on LOADLINE.	230	Frame Depth $6\frac{1}{2}$ Rule " $\frac{4}{2\frac{1}{2}}$ = - .42	Ceiling fitted Sheer 74 Level tank	Peak Tanks
CORRECTED DIMENSIONS.	230	34.03	16.79	1014.13 including tanks

Moulded Depth as measured.....18-3 $\frac{1}{2}$ 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.....	230
Length in Table .....	219.5
Difference .....	10.5
Correction for 10ft., Table A. ....	1.1
× Difference divided by 10 .....	1.155
If $\frac{1}{10}$ ths length covered divide by 2	+ $\frac{1}{2}$
Table C. (if required.)	

## CORRECTION FOR IRON DECK.

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

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	33-10
Round of Beam .....	8 $\frac{1}{2}$
Normal round.....	8 $\frac{1}{2}$
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..... 77  
Any modification necessary }  
[Para. 4 (a) to (e)]\* } Cell D.B.  
Co-efficient as corrected ..... 75

Sheer { Stem..... 79 }  
at { Sternpost ... 40 } 119 ÷ 2 = 59.5 ... Mean

Sheer at  $\frac{1}{8}$  of the length from { Stem 44 $\frac{1}{2}$  }  
{ Sternpost 21 } 65 $\frac{1}{2}$  ÷ 2 = 32.75 ... Mean  
÷ .55 = 59.5

Gradual mean Sheer ..... 59.5  
Standard mean Sheer [Table, Para. 18] ..... 33.0  
Difference..... 26.5 ÷ 4 = -6 $\frac{1}{2}$   
Correction

§ 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..... 0'-11 $\frac{3}{4}$ "  
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) } 2-9 $\frac{1}{4}$   
Difference ..... 1-9 $\frac{1}{2}$

Percentage as below..... 40%  
Per 12 scale.  
8 $\frac{1}{2}$

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.....	28.5	28.5	7-0
Bridge House .....	57.25	57.25	7-0
Raised Qr. Dk.....	79.5 × $\frac{2.5}{3.87}$	51.35	2-6
Poop.....	165.25	137.10	$\frac{6}{10}$
Total .....	230	230	

Length of Ship .....

Corresponding percentage }  
(Para. 11, 12, 13, or 14) } 40%

Freeboard, Table A .....	3-3 $\frac{3}{4}$
Correction for Sheer .....	-6 $\frac{1}{2}$
	2-9 $\frac{1}{4}$
Correction for Length .....	+ $\frac{1}{2}$
	2-9 $\frac{3}{4}$
Allowance for Deck Erections .....	-8 $\frac{1}{2}$
	2-1 $\frac{1}{4}$
Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required) .....	-3 $\frac{1}{2}$
	1-9 $\frac{3}{4}$

Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) † }  
Other Corrections (if any) .....

Winter Freeboard .....	1-9 $\frac{3}{4}$
Summer Freeboard .....	1-7 $\frac{1}{4}$
Indian Summer Freeboard .....	1-4 $\frac{3}{4}$
N. A. Winter Freeboard .....	2-0 $\frac{3}{4}$

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. ✓

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 .....	6.68 = 169 mm
Fresh Water Line .....	4 $\frac{1}{4}$ = 113 mm
Tropical Line .....	2 $\frac{1}{2}$ = 63 mm
Winter Line below .....	2 $\frac{1}{2}$ = 63 mm
Winter North Atlantic Line .....	5 $\frac{1}{2}$ = 140 mm

Tropical Fresh Water Freeboard ...	1-7 $\frac{1}{4}$ = 489 mm
Fresh Water " ...	1-0 $\frac{1}{2}$ = 320
Tropical " ...	1-4 $\frac{3}{4}$ = 383
Winter " ...	1-9 $\frac{3}{4}$ = 426
Winter North Atlantic " ...	2-0 $\frac{3}{4}$ = 552