

Computation under Board of Trade Rules of 1906.

Rpt. 11b.

Index No. **22890**
(For London Office only.)

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 **Oslø**
Date of Survey **16. 2. 33.**
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
LYNGENFJORD	Oslø		5873	1913	+ 100 A.1.
Number in Register Book	Norwegian				

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 " $\frac{6}{2\frac{1}{2}}$ - 42	Ceiling Fitted Sheer +1.29	Peak Tanks
CORRECTED DIMENSIONS.	407.75	54.78	28.09	4894.29

Co-efficient of fineness..... **.78**
Any modification necessary }
[Para. 4 (a) to (e)]* } **C. 803.**
Co-efficient as corrected **.76.**

Sheer { Stem..... **116** } **193** $\div 2 =$ **96.5** ... Mean **97.27**
at { Sternpost ... **77** } **36** **46.50**
Sheer at $\frac{1}{2}$ of the length from { Stem **63.5** } **107.0** $\div 2 =$ **53.5** ... Mean **53.5**
{ Sternpost **43.5** } **1.29**
Gradual mean Sheer **96.5** **97.27** $\div 55 =$ **97.27**
Standard mean Sheer [Table, Para. 18] **50.77** Correction
Difference..... **46.11** $\div 4 =$ **- 11.2**"
§ 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) } $\div 2 =$ **✓**
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **4'-0"**
Correction for Length, if required (Para. 12, 13, and 14) **4"**
4'-4"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } **6'-11"**
Difference **2'-7"**
Percentage as below..... **31.91%**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections **- 10"**

	Length.	Length allowed.	Height.
Forecastle.....	40.45	40.45	9-2
Bridge House.....	128.73 $\frac{87}{2}$ from Fore $\frac{2}{2}$ ft. aft	127.69	9-0
† Raised Qr. Dk.....	✓	✓	✓
Poop.....	35.25	35.25	9-0
Total	204.43	203.39	4988.
Length of Ship	407.75	407.75	
Corresponding percentage (Para. 12, 13, and 14) } 31.91%			

Moulded Depth as measured..... **29'-2"**
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 **57.75**
Correction for 10ft., Table A. **1.5** Table C. **.7**
 \times Difference divided by 10 **8.66** (if required.) **4.04**
If $\frac{1}{10}$ ths length covered divide by 2 **+ 8.34**" **+ 4"**

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered **.501**
Thickness of usual wood deck, less stringer **3.2**"
- 1.34"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **54'-5"**
Round of Beam **13.2**"
Normal round..... **13.2**"
Difference \checkmark $\div 2 =$ \checkmark
Proportion of Deck uncovered (Para. 19) \checkmark

Freeboard, Table A **7'-2"**
Correction for Sheer **11.2**"
6'-2.2"
Correction for Length **8.34**"
6'-11.4"
Allowance for Deck Erections **10"**
6'-1.4"
Correction for Round of Beam..... \checkmark
Correction for fall in Sheer (if any)..... \checkmark
Correction for Steel Deck (if required) **1.34**"
5'-11.2"
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † } \checkmark
Other Corrections (if any) \checkmark

Winter Freeboard **5'-11.2"**
Summer Freeboard **5'-6.4"**
Indian Summer Freeboard **5'-1"**
~~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. **N.L.**

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 ...	11.2 " = 292 $\frac{1}{2}$	Tropical Fresh Water Freeboard ...	4'-6.4" = 1391 $\frac{1}{2}$
Fresh Water Line " " ...	6" = 152 $\frac{1}{2}$	Fresh Water " " ...	5'-0.4" = 1531 $\frac{1}{2}$
Tropical Line " " ...	5.2 " = 140 $\frac{1}{2}$	Tropical " " ...	5'-0.4" = 1543 $\frac{1}{2}$
Winter Line below " " ...	5" = 127 $\frac{1}{2}$	Winter " " ...	5'-11.4" = 1810 $\frac{1}{2}$
Winter North Atlantic Line " " ...	\checkmark	Winter North Atlantic " " ...	\checkmark

W136