

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD-STEAMERS.

Index No. \_\_\_\_\_  
(For London Office only.)  
Port of Survey \_\_\_\_\_  
Date of Survey 24-10-30  
Name of Surveyor \_\_\_\_\_

Ship's Name. <u>SLIEDRECHT</u>	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Number in Register Book					

Moulded dimensions 402.08 x 53 x 28

Moulded displacement at a moulded draught of 85 per cent. of moulded depth

Coefficient of fineness for use with tables

.794

DEPTH FOR FREEBOARD.

Moulded depth	...	...	...	...	...	<u>28.00</u>
Stringer plate	...	...	...	...	...	<u>.04</u>
Sheathing in wells $T \left( \frac{L-S}{L} \right) =$	...	...	...	...	...	<u>-</u>
Depth <b>D</b> =	...	...	...	...	...	<u>28.04</u>

CORRECTION FOR LENGTH.

(a) When <b>D</b> is greater than $\frac{L}{15}$	$\left( D - \frac{L}{15} \right) \times R =$	$\left( 28.04 - \frac{402.08}{15} \right) \times 3 =$	<u>+ 3.72"</u>
(b) When <b>D</b> is less than $\frac{L}{15}$ (if allowed).	$\left( \frac{L}{15} - D \right) \times R =$	...	<u>-</u>
If restricted by height of superstructures	...	...	...

SUPERSTRUCTURES.

	Mean Covered Length S.	Equivalent Enclosed Length S <sub>1</sub> .	Height.	Correction for Height.	Effective Length.
Poop enclosed	<u>99.25</u>	<u>99.25</u>	<u>7.5'</u>	<u>-</u>	<u>99.25</u>
„ overhang	...	...	...	...	...
R.Q.D. enclosed	...	...	...	...	...
„ overhang	...	...	...	...	...
Bridge enclosed	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
„ overhang aft	...	...	...	...	...
„ overhang forward	...	...	...	...	...
F'cle enclosed	<u>36.87</u>	<u>36.87</u>	<u>7.5'</u>	<u>-</u>	<u>36.87</u>
„ overhang	...	...	...	...	...
Trunks forward	...	...	...	...	...
„ aft	...	...	...	...	...
Tonnage opening	...	...	...	...	...

Note.  
Superstructure lengths are  
taken from existing  
freeboard computations  
for 370' lengths.  
(Reb'd No 30917)

TOTAL = 136.12 136.12 136.12  
Length of ship (L) = 402.08 402.08 402.08  
% Covered ... = 33.85 33.85 33.85  
Corresponding %, corrected for  
absence of forecastle if required } **A** = 24.85 } **B** =  
Allowance ... = 42 x .2485 = -10.44"

SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	<u>31.75</u>	<u>50.21</u>	<u>31.75</u>	<u>1</u>	<u>31.75</u>
2	<u>8.75</u>		<u>8.75</u>	<u>4</u>	<u>35.00</u>
3	<u>1.5</u>		<u>1.5</u>	<u>2</u>	<u>3.00</u>
4	<u>0.</u>		<u>0.</u>	<u>4</u>	<u>0.00</u>
5	<u>3.25</u>		<u>3.25</u>	<u>2</u>	<u>6.50</u>
6	<u>19.</u>		<u>19.</u>	<u>4</u>	<u>76.00</u>
F.P. 7	<u>64.06</u>	<u>100.42</u>	<u>64.06</u>	<u>1</u>	<u>64.06</u>

If excess sheer forward and deficient sheer aft :—

Actual sheer aft  
Standard sheer aft = } Deficient.  
Actual sheer forward  
Standard sheer forward = }

Length of enclosed superstructure  
L

Forward of amidships =  
Aft of amidships =

Mean effective sheer ... = 12.02  
Standard sheer  $.05L + 5 =$  25.10  
Difference (Df) ... = 13.08  
Allowance =  $Df \times \left( .75 - \frac{S}{2L} \right) = 13.08 \left( .75 - \frac{169}{2 \times 402.08} \right) =$  + 7.6"  
If limited on account of amidship superstructure ...  
If limited on account of excess sheer ( $1\frac{1}{2}$  in. per 100 ft.) ...

ROUND OF BEAM.

Standard	...	...	...	...	<u>12.72</u>
Ship	...	...	...	...	<u>13.25</u>
Difference	...	...	...	...	<u>+ .53</u>
Restricted to	...	...	...	...	...
Allowance = $\frac{\text{Difference}}{4} \times \left( 1 - \frac{S}{L} \right) =$	...	...	...	...	<u>.13 \times .662 = .09</u>

TABULAR FREEBOARD (corrected for flush deck if required) = 63.00

Corrected for Coefficient .794  $\frac{+ .68}{1.36} =$  1.474 = 68.28

Correction for Length	...	...	...	...
„ Superstructures	...	...	...	...
„ Sheer	...	...	...	...
„ Round of beam	...	...	...	...
„ Thickness of deck	...	...	...	...
„ Scantlings, etc.	...	...	...	...
„ Statutory deck line	...	...	...	...

+	-
<u>3.72</u>	<u>10.44</u>
<u>7.6</u>	<u>.09</u>
<u>11.32</u>	<u>10.53</u>

Summer Freeboard = 69.07

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :—

Fresh Water Line	above centre of Disc	...	...	...
Indian Summer Line	„	...	...	...
Winter Line	below	...	...	...
Winter North Atlantic Line	„	...	...	...

5'-9" ✓  
74.64 ✓  
Lloyd's Register  
Foundation  
W446-0269