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1b (Spl).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD-STEAMERS.

Index No. 31909.
(For London Office only.)

Port of Survey _____

Date of Survey 31-1-31.

Name of Surveyor _____

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>HEREFORD.</u>	<u>LIVERPOOL.</u>			<u>1927.</u>	<u>+100 A.1.</u>
Register Book					

Moulded dimensions 383.00 x 51.50 x 32.66.
Moulded displacement at a moulded draught of 85 per cent. of moulded depth NOT YET RECEIVED.
Coefficient of fineness for use with tables _____

DEPTH FOR FREEBOARD.				CORRECTION FOR LENGTH.			
Depth	...	...	...	(a) When D is greater than $\frac{L}{15}$			
late	...	...	...	$(D - \frac{L}{15}) \times R =$	<u>(32.70 - 25.53) x 2.947</u>	<u>+ 21.13.</u>	
in wells $T(\frac{L-S}{L}) =$	...	...	...	(b) When D is less than $\frac{L}{15}$ (if allowed).			
				$(\frac{L}{15} - D) \times R =$	...	...	...
Ship.				If restricted by height of superstructures	...	...	...
	Depth D =	...	<u>32.70</u>				

SUPERSTRUCTURES.					
	Mean Covered Length S.	Equivalent Enclosed Length S ₁ .	Height.	Correction for Height.	Effective Length.
Not enclosed
erhang
closed
erhang
closed
erhang aft
erhang forward
closed
erhang
ward
ening

TOTAL = 178.66 178.28 178.28
Length of ship (L) = 383.00 383.00 383.00.
% Covered ... = 46.65% 46.55% 46.55%
ng %, corrected for } A = B = 33.07% Correction for Bridge less }
orecastle if required } than 2L if required } .29L
Allowance ... = 40.87 x .3307 = -13.52.

SHEER.					
	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
1	<u>47.50.</u>	<u>48.30</u>	<u>47.50</u>	<u>1</u>	<u>47.50</u>
2	<u>21.33.</u>	<u>21.48</u>	<u>21.33</u>	<u>4</u>	<u>85.32</u>
3	<u>5.33.</u>	<u>5.37</u>	<u>5.33</u>	<u>2</u>	<u>10.66</u>
4	<u>-</u>	<u>-</u>	<u>-</u>	<u>4</u>	<u>-</u>
5	<u>10.67.</u>	<u>10.74</u>	<u>10.67</u>	<u>2</u>	<u>21.34</u>
6	<u>42.66</u>	<u>42.96</u>	<u>42.66</u>	<u>4</u>	<u>170.64</u>
7	<u>96.00</u>	<u>96.60</u>	<u>96.00</u>	<u>1</u>	<u>96.00</u>
				<u>18)</u>	<u>431.46</u>
ve sheer ...	...	...	...	=	<u>23.97</u>
eer .05L + 5 =	...	...	...	=	<u>24.15</u>
Df) ...	...	...	...	=	<u>.18</u>
= Df x (.75 - $\frac{S}{2L}$) =	<u>.18 x .5168</u>	...	...	=	<u>+ .09</u>
n account of amidship superstructure	...	...	...	=	<u>✓</u>
n account of excess sheer (1½ in. per 100 ft.)	...	...	...	=	<u>✓</u>

ROUND OF BEAM.				TABULAR FREEBOARD (corrected for flush deck if required) = <u>66.30.</u>			
...	...	...	...	Corrected for Coefficient	$\frac{+ .68}{1.36}$	=	
...	...	...	...	Correction for Length	...		
...	...	...	...	Superstructures	...		
...	...	...	...	Sheer	...		
...	...	...	...	Round of beam	...		
...	...	...	...	Thickness of deck	...		
...	...	...	...	Scantlings, etc.	...		
...	...	...	...	Statutory deck line	...		
Difference $\times (1 - \frac{S}{L}) =$	<u>.64</u>	<u>4</u>	<u>x .5345 = - .09.</u>				

D 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 " " " ...
S = 6-72"