

Rpt.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SURVEYS FOR FREEBOARD.

THUR. 19 MAR 1903

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR SAILING DECKS.					
		Port of Survey <u>Hamburg</u>			
		Date of Survey <u>3 or 4 March 1903</u>			
		Name of Surveyor <u>Ges. Dyke</u>			

Ship's Name. <u>Lichtenfels</u>	Gross Tonnage. <u>5434</u>	Official Number.	Type of Ship. <u>2 St Steel and Web frames</u>	Date of Build. <u>1903</u>	Particulars of Classification. <u>X 100 A1 steel Spar-deck.</u>
Number in Register Book					

Registered Length <u>425</u>	Breadth <u>53</u>	Depth <u>29.45</u>	Moulded Depths as measured.....to Main deck <u>24.0</u>
Length on Load Line..... <u>425</u>			" " " " to Spar " <u>32.2</u>
Breadth <u>53</u>			Numerals for actual vessel <u>99.01 & 21881</u>
			" " assumed <u>7 ft over</u> <u>100.33 & 42862.</u>
			" " <u>3 St 85 Rules.</u> <u>108.33 & 45823.</u>
			Small numerals in different grades
			Large numerals in same grades.

Depth <u>29.45</u>	Tons. <u>5353</u>	
<u>6633.6</u>	PekUnd. Dk. <u>34</u>	
	<u>5390</u>	
<u>539000</u>	.811 x 100	
<u>663360</u>		

Co-efficient of fineness	<u>.811</u>
Any modification necessary } <u>belt. etc.</u>	<u>.020</u>
[Para. 4 (a) to (c)] }	
Co-efficient as corrected	<u>.491</u>

Allowance for strength in excess of Lloyd's rules =	
State particulars— <u>Outside plating and cellular double bottom, 3 Deck 85 Rules.</u>	
<u>Two complete steel decks Led frame all to Spardeck 7 Water tight Bulkheads</u>	
<u>Freeboard Table 32.2 Moulded</u>	<u>8.97/8</u>
<u>correction for length</u>	<u>6/4</u>
<u>less 12%</u>	<u>9.41/8</u>
	<u>1.1 3/8</u>
	<u>8.2 3/4</u>
	<u>9.10 1/4</u>
	<u>1.4 1/2</u>
	<u>12 3/4</u>
	<u>2 3/4</u>
	<u>14 3/4</u>

Sheer at Stem <u>96</u> - at 1/2 length from Stem <u>52 3/4</u>	
Sternpost... <u>33</u> } <u>64.5</u> " " Sternpost... <u>18 1/4</u> }	<u>35 1/2</u>
Drop in Sheer abaft amidships.....	
Round of Spar-deck Beam.....	
Forecastle <u>758</u> .	x Height. <u>4.3</u>
Bridge <u>119</u> .	x <u>4.3</u>
Poop <u>50</u> .	x <u>4.3</u>
State if open or closed at ends. } <u>Closed</u>	

FRESH WATER LINE above centre of Disc ...	7	10 1/2
INDIAN SUMMER LINE " " "		6
WINTER LINE below " "		5
WINTER NORTH ATLANTIC LINE " " "		5

CORRECTION FOR LENGTH :—	
Length of Ship on Load Line....	<u>425</u>
Length in Table	<u>372</u>
Difference.....	<u>53</u>
Correction for 10ft.....	<u>1.3</u>
x Difference ÷ 10=	<u>6.89</u>
	<u>+ .7</u>

Height of 'Tween Decks.....	<u>8.2</u>	} <u>1.2</u>
	<u>4.0</u>	<u>2</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....		<u>7</u>

Freeboard Table B.	<u>8" 8 1/4</u>
Correction for Length.....	<u>0 6 1/2 7</u>
	<u>9" 3 1/4 4</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>4</u>
	<u>9" 10 1/4</u>

Correction for Strength in excess of Lloyd's rules.....	<u>1" 3 1/4 5</u>
	<u>8" 6 1/2 4</u>

Correction for Iron Deck if required.....	<u>3 X</u>
	<u>8" 3.1 3/4</u>
Other Corrections (if any).....	

Winter Freeboard.....	<u>8" 3 1/4 3</u>
Summer Freeboard	<u>4" 10 8 3/4</u>
N.A. Winter Freeboard.....	

Correction necessary because clear side amidships measured in accordance with the statutes is not taken at intersection of the deck with side	<u>2"</u>
Winter Freeboard from Deck Line*	<u>8.. 3 1/4</u>
Summer Freeboard " "	<u>7 10 3/4</u>
N.A. Winter Freeboard " "	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line :—	
Fresh Water Line	above centre of Disc ...
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

* Marked in accordance with Sec. 25, 76.

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.

All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

Do all the Frames extend to the top Height in the Awning Deck? _____

Do all the Frames extend to the top Height in the Spar deck? yes

To what height do the Reverse Frames extend? all to Spar deck

Are the Hatchways and Hatches efficiently constructed? yes

Are the exposed parts of the Engine and Casings efficiently constructed? yes

State any special features in the construction of the Vessel Spar deck vessel. Int. plating & double bottom equal to 3 1/2" vessel 85 Rules. & frames all to Spar deck & under Water tight Bulk Heads.

Enter vessel to Schoufels Yard No 207

Owners

Address

Fee £

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Foundation