

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 Southampton
Date of Survey Whitebridge 24th July 1925
Name of Surveyor John A. Howson

Ship's Name. <u>Single Sc. Rescue tug</u> ABEILLE No 22	Port of Registry and Nationality. <u>Havre.</u> <u>French.</u>	Official Number. <u>-</u>	Gross Tonnage. <u>413.91</u>	Date of Build. <u>1919.</u>	Particulars of Classification. <u>A1 for Towing purposes.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	135	29.1	13.7	366.51
Length on LOADLINE.	135	Frame Depth 6 Rule 3 1/2 No -42 sparings +25	Ceiling +20 Sheer +65 Correction to depth 1.33	Peak Tanks } Incl. Eng. Space Feet tank +11.84
CORRECTED DIMENSIONS.	135	28.93	15.88	378.35

Co-efficient of fineness..... **.61**
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected lowest in Tables **.68**

Sheer { Stem..... **66** } $95.5 \div 2 = 47.75$...Mean
at { Sternpost ... **29.5** } $\frac{23.5}{23.31}$ **.65**
If gradual 23.64 } **31.07** mean
Sheer at $\frac{1}{2}$ of the length from { Stem **38.5** } $51.5 \div 2 = 25.75$...Mean
Sternpost, **13.0** } $\div 55 = 46.81$
Gradual mean Sheer **31.07**
Standard mean Sheer [Table, Para. 18] **15.94** Correction
Difference..... **15.13** $\div 4 =$
§ If limited as Para. 18 (f) $\frac{15.94}{2} \div 4 = 1.99$
-2

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** $\div 2 =$ **1**
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	0'-7"
Correction for Length, if required (Para. 12, 13, and 14)	- 2 3/4"
	0'-4 1/4"
Freeboard by Table A, corrected for sheer, and for length, } if required (Para. 12, 13, and 14) }	2'-1 1/4"
Difference	1'-9"
Percentage as below.....	9.46% 1.99

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections **-2"**

	Length.	Length allowed.	Height.
Forecastle.....	34'-6"	33.25	7'-6"
Bridge House	-	-	-
† Raised Qr. Dk.....	-	-	-
Poop.....	-	-	-

Total $\frac{33.25 \times 8}{135} = 1.97$
Length of Ship eighths
Corresponding percentage }
(Para. 11, 12, 13, or 14) } $15.76 \times \frac{6}{10} = 9.46\%$

FREEBOARD recommended amidships from centre of Disc to top of Statutory
Fresh Water Line above centre of Disc
24 JUL 1925 Indian Summer Line " " "
Winter Line below " " "
Winter North Atlantic Line " " "

© If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

Moulded Depth as measured..... **16'-1 1/2"**
wood dk. less stringer **3"**
Addition for Keel below base line **15'-10 1/2"** base
for draught record..... **6**.....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.....	135.0
Length in Table	190.5
Difference	55.5
Correction for 10ft., Table A.	1.0 Table C. .5
× Difference divided by 10	5.55 (if required,) 2.77
If $\frac{1}{10}$ ths length covered divide by 2	-5 1/2" -2 3/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer
Allowed in Moulded Depth.

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **28'-1 1/2"**
Round of Beam **7"**
Normal round..... **7**
Difference $\div 2 =$
Proportion of Deck uncovered (Para. 19)

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A	2'-6 3/4"
Correction for Sheer	- 2"
	2'-4 3/4"
Correction for Length	- 5 1/2"
	1'-11 1/4"
Allowance for Deck Erections	- 2"
	1'-9 1/4"
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	+ 1"
	1'-10 1/4"
Correction for Iron Deck (if required)	✓
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † }	✓
Other Corrections (if any) <u>Scantlings + construction</u>	+ 3"
	2'-1 1/4"

Winter Freeboard	2'-1 1/4"
Summer Freeboard	1'-11 3/4"
Indian Summer Freeboard	✓
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.

Nil. (French)

Freeboard in fresh water Summer	508	m/m	1'-8"
" " Indian seas in Summer	✓	m/m	✓
" " Summer (centre of the disc)	603	m/m	1'-11 3/4"
" " Winter	641	m/m	2'-1 1/4"
" " Winter, North Atlantic	✓	m/m	✓

Measured from top of statutory deck line marked at the intersection of the steel upper, deck at side.

MARKING FORM

RECEIVED

8 - AUG 1925

Lloyd's Register
Foundation