

Preliminary

Newcastle-on-Tyne 85/30.

-1 JAN 1930

Index No.

(For London Office only.)

33577

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH OP 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 Newcastle
Date of Survey ✓
Name of Surveyor H. C. Buland

Ship's Name <u>John Headhead & Sons</u> Nos 504-505	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification <u>+ 100 A1</u> <u>Contemplated</u>
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Registered Lengths from Register	LENGTH. 393.0	BREADTH. 53.7 <u>53.54 mid.</u>	DEPTH. 26.58 <u>26.53</u>	UNDER DECK TONNAGE. 4500
Length on LOADLINE.	393.0	Frame Depth 12 Rule " 6/6 x 2. - 1.0 Sparring fitted	Ceiling fitted Sheer +.99	Peak Tanks } Incd For raised D.B. aft + 37 tons
RECTED DIMENSIONS.	393.0	52.54	27.52	4537

Moulded Depth as measured..... 29.0

Addition for Keel below base line for draught record..... inches.

NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

29-0
1-1
30-1
3-6 1/2
26-6 3/4

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	393.0
Length in Table	348
Difference	45
Correction for 10ft., Table A.	1.5
Table C.7
x Difference divided by 10	6.75 (if required.) 3.15
If 1/10ths length covered divide by 2	+ 6 3/4 + 3 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	45.475
Thickness of usual wood deck, less stringer	3 1/2
	- 1.66 - 1 1/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	53.54
Round of Beam	13
Normal round.....	13.38
Difference38 ÷ 2 = .19
Proportion of Deck uncovered (Para. 19)	525 ✓ NIL

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

efficient of fineness..... 799 (79 as given by Builders)

modification necessary }
[Para. 4 (a) to (e)]* } .02

efficient as corrected77 78 provisionally

Stem..... 114 } 171 ÷ 2 = 85.5 Mean 36 | 35.92
Sternpost ... 57 } .99

Stem 62.5 } 93.75 ÷ 2 = 46.87 Mean
Sternpost 31.25 } 55 = 85.22

Standard mean Sheer [Table, Para. 18] 4930. Correction
Difference..... 35.92 ÷ 4 = 8.98

limited as Para. 18 (f) - 9"

Rise in Sheer }
from amidships }
Para. 18 (e) }
At front of bridge house..... ✓
At after end of forecastle

Fall in Sheer }
Para. 18 (d) } ÷ 2 = ✓
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	3 1/4
Correction for Length, if required (Para. 12, 13, and 14)	+ 3 1/2
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	4 - 3 1/4 ✓
Difference	6 - 4 1/4 = 1 3/4
Percentage as below.....	28.99 30.25 ✓
	9.49
	9.98

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 9 1/2 10"

	Length.	Length allowed.	Height.
Forecastle.....	38.75	38.75	7
Bridge House	116.83	118.55	7
Raised Qr. Dk.....			
	29.46	29.46	7
Total		186.76	
Length of Ship		393	47.5 ✓
Corresponding percentage } (Para. 11, 12, 13, or 14) }		28.99 30.25 ✓	

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

Fresh Water Line	above centre of Disc	6
Indian Summer Line	" " "	5
Winter Line	below " "	5 1/2
Winter North Atlantic Line	" " "	4

Freeboard, Table A	7 - 2 1/2 ✓
Correction for Sheer	- 9
	6 - 5 1/2 ✓
Correction for Length	+ 6 3/4
	6 - 4 1/4 = 7 - 0 1/4 ✓
Allowance for Deck Erections	- 9 1/2
	6 - 2 1/4 ✓
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required)	- 1 3/4
	6 - 0 1/2 ✓
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † }	-
Other Corrections (if any)	-
Winter Freeboard	6 - 0 1/2 ✓
Summer Freeboard (4 1/2 - 6)	5 - 7 1/4 ✓
Indian Summer Freeboard	5 - 8 1/2 ✓
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. } } + 1 3/4 -	
Winter Freeboard from deck line	6 - 2 1/4 ✓
Summer " " " "	5 - 9 ✓
Indian Summer " " " "	5 - 3 3/4 ✓
N. A. Winter " " " "	✓
	5 - 9 ✓
	6 ✓
	5 ✓
	5 1/2 ✓

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

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.

flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† State dimensions of freeing port area on back of this form.

‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the line of keel or to the water line. If measured relatively to water line the vessel's survey, and also the usual load draft forward and aft should be reported.

Copies to Liverpool 2/1/30.



