

18/10

B.T. COPY

Index No. 3/658  
(For London Office only.)

Rpt. 11b.

# 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 \_\_\_\_\_  
Date of Survey 3. 10. 32  
Name of Surveyor \_\_\_\_\_

Ship's Name. <b>NEWTON BEECH</b>	Port of Registry and Nationality. Newcastle British	Official Number. 148 139	Gross Tonnage. <del>4644</del> 4651	Date of Build. 1925	Particulars of Classification. + 100 (A)
-------------------------------------	---	-----------------------------	---	------------------------	---

# RETAIN

Registered dimensions from Ship's Register.	LENGTH.	BREADTH. <i>over corrugations</i>	DEPTH.	UNDER DECK TONNAGE.
	372.80	54.6 51.7 <i>pl corrugations</i>	26.85	4248.04
Length on LINE.	371.75	Rule " $\frac{6}{2}$ + .33 <i>270 tubers fitted</i>	Ceiling +.20 Sheer +.61	Peak Tanks } <i>Incl. the Cruise Stern - 5</i> <i>+25 tons for 11' x 12" frames first &amp; aft of corrugations</i>
CORRECTED DIMENSIONS.	371.75	52.03	27.66	4268.04

Moulded Depth as measured..... 29'-3"  
Addition for Keel below base line for draught record..... 2" inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	371.75
Length in Table .....	357.00
Difference .....	20.75
Correction for 10ft., Table A. ....	1.5
Table C. ....	.75
× Difference divided by 10 .....	3.11 (if required.) 1.55
If $\frac{1}{10}$ ths length covered divide by 2	+3" + 1 1/2"

Co-efficient of fineness..... .80  
Any modification necessary }  
[Para. 4 (a) to (e)]\* } - .02  
Co-efficient as corrected ..... .78

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 4925  
Thickness of usual wood deck, less stringer ..... 3 1/2  
4925 × 3.5 = 1.72 - 1 3/4"

Sheer { Stem..... 91 }  
at { Sternpost .. 46 } 137 ÷ 2 = 68.5... Mean  $\frac{69.09 + 47.17}{2} = 58.13$

Sheer at  $\frac{1}{3}$  of the length from { Stem 50 }  
{ Sternpost 26 } 76 ÷ 2 = 38" ... Mean  $\frac{68.79 + 47.17}{2} = 57.98$

Gradual mean Sheer ..... 68.79  
Standard mean Sheer [Table, Para. 18] ..... 47.17  
Difference..... 21.62 ÷ 4 = 5.40  
§ If limited as Para. 18 (f) ..... - 5 1/2"

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 50.00  
Round of Beam ..... 12 1/2  
Normal round..... 12 1/2  
Difference ..... ✓ ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) ..... ✓

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

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 =  
Length uncovered ..... ✓  
Correction

Freeboard, Table A .....	7'-3 3/4"
Correction for Sheer .....	- 5 1/2"
Correction for Length .....	+ 3
Allowance for Deck Erections .....	- 11
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required) .....	- 1 3/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	✓
Other Corrections (if any) .....	✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	4'-1 1/4"
Correction for Length, if required (Para. 12, 13, and 14) .....	+ 1 1/2"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	7'-1 1/4"
Difference .....	2'-10 1/2"
Percentage as below.....	31.47
	10.86

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } ✓  
Allowance for Deck Erections ..... - 10 3/4"

Winter Freeboard ..... 6'-0 3/4"  
Summer Freeboard ..... 5'-7 1/2"  
Indian Summer Freeboard ..... 5'-2 1/4"  
N. A. Winter Freeboard ..... ✓

Length.	Length allowed.	Height.
Forecastle..... 35'-9" + 2'-3" <i>over bridge house</i>	36.50	8'-0"
Bridge House ..... 110'-6" <i>over bridge house</i>	109.87	8'-0"
† Raised Qr. Dk..... ✓		
Poop..... 36'-9"	36.75	8'-0"
Total .....	183.12	
Length of Ship .....	371.75	= 4925

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

Corresponding percentage }  
(Para. 11, 12, 13, or 14) } 31.47%

Winter Freeboard from deck line .....  
Summer " " " .....  
Indian Summer " " " .....  
N. A. Winter " " " .....

### SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

Tropical Fresh Water Line above Centre of Disc ... 11 1/2" ... 11 1/2"	Tropical Fresh Water Freeboard ... 5'-7 1/4"
Fresh Water Line " " ... 6 1/2" ... 6 1/2"	Fresh Water " " ... 5'-0 3/4"
Tropical Line " " ... 5" ... 5"	Tropical " " ... 5'-2 1/4"
Winter Line below " " ... 5 1/2" ... 5 1/2"	Winter " " ... 6'-0 3/4"
Winter North Atlantic Line " " ... ✓	Winter North Atlantic " " ... ✓

9 OCT 1932

RECEIVED 12 APR 1933 MARKING FORM  
RECEIVED 19 SEP 1934 MARKING FORM  
RECEIVED 25 OCT 1932

W431-0142

87B.  
4.10.32