

B.T. COPY

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

 Index No. **31397.**
 (For London Office only.)

 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 **7-12-32.**

Name of Surveyor

Ship's Name. ELMWORTH	Port of Registry and Nationality. Newcastle	Official Number. 148102	Gross Tonnage. 4963	Date of Build. 1924	Particulars of Classification. +100 A.1.
Number in Register Book					

Registered Length from p's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	400	53.2	26.95	4587.49
Length on LOADLINE.	399.66	Frame Depth Rule 2x6	Ceiling fitted 12	Peak Tanks incl.
		-1.0	Sheer +1.16	2" drop in tank
			+0.08	of double bottom
			1/2 T.T. 26.87	aft + 20 tons
CORRECTED DIMENSIONS.	399.66	52.2	28.11	4607.49

 Co-efficient of fineness..... **78**
 Any modification necessary [Para. 4 (a) to (e)]* **0.2 C.D.B.**
 Co-efficient as corrected **76**

Sheer { Stem..... 120	180 ÷ 2 = 90 ... Mean	91.81 4996 361.4185
at { Sternpost ... 60		
Sheer at 1/3 of the length from { Stem 67	101 ÷ 2 = 50.5 ... Mean	91.81
{ Sternpost 34		
Gradual mean Sheer	90.90	÷ 55 = 91.81
Standard mean Sheer [Table, Para. 18]	49.96	Correction
Difference.....	40.94 ÷ 4 = -10 1/4"	

§ If limited as Para. 18 (f)

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.....	4'-2 1/2"
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)	7'-0 1/4"
Difference	2'-6 1/4"
Percentage as below	30.18%
	9.13"

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

	Length.	Length allowed.	Height.
Forecastle.....	33'-8"	33.67	8'-0"
Bridge House	120'-2"	119.50	8'-0"
† Raised Q. Dk.	✓	✓	✓
Poop.....	36'-3"	36.25	8'-0"
Total	190'-1"	189.42	
Length of Ship	399.66	= .474	
Corresponding percentage (Para. 11, 12, 13, or 14) }	30.18%		

Moulded Depth as measured..... **29'-7 1/2"**

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.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	399.66
Length in Table	355.50
Difference	44.16
Correction for 10ft., Table A.	1.5
× Difference divided by 10	6.62
If 1/10ths length covered divide by 2	+ 6 1/2" X
	+ 3 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered474
Thickness of usual wood deck, less stringer	3 1/2" - 1 3/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	53.0'
Round of Beam	13 1/2"
Normal round.....	13 1/4"
Difference	1/4" ÷ 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	7'-4"
Correction for Sheer	- 10 1/4"
Correction for Length	+ 6 1/2"
Allowance for Deck Erections	- 9"
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) †	6'-1 1/2"
Other Corrections (if any)	✓

Winter Freeboard	6'-1 1/2"
Summer Freeboard	5'-8 1/4"
Indian Summer Freeboard	5'-3"
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.**

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

 S.T.B.
 8-12-32

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood Steel Deck			
Tropical Fresh Water Line above Centre of Disc	1.305	12"	1.305
Fresh Water Line	1.165	6 1/2"	1.165
Tropical Line	1.140	5 1/2"	1.140
Winter Line below	1.127	5"	1.127
Winter North Atlantic Line	1.127	5"	1.127
Tropical Fresh Water Freeboard	1.428	4'-8 1/4"	1.428
Fresh Water	1.156	5'-1 3/4"	1.156
Tropical	1.159	5'-2 3/4"	1.159
Winter	1.186	6'-1 1/4"	1.186
Winter North Atlantic	1.186	6'-1 1/4"	1.186

8 DEC 1932

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8 APR 1933

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