t. 11b.

Index No. 27085
(For London Office only.)

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~~ 5.12.32

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"BARUNGA."	Auckland. British.	142734.	4342	1918.	+ 100 A.1.

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered Dimensions from Ship's Register.	380.05'	49.25'	26.7 to ceiling	3929.34
Length on Loadline.	379'-8"	Frame Depth 15" Rule " 6" 9" −1.50	Ceiling fitted Sheer +.57 Depth to tank 27.04	Peak Tanks } included 12" framing forward −16 tons
Corrected Dimensions.	379.66	47.75	27.61	3913.34

Moulded Depth as measured..... 30'-1½"

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

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	379.66		
Length in Table	361.50		
Difference	18.16		
Correction for 10ft., Table A.	1.50	Table C.	.8
× Difference divided by 10	2.724	(if required.)	1.45
If $\frac{6}{10}$ths length covered divide by 2	+2¾"		+1½".

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ths length covered	.453
Thickness of usual wood deck, less stringer	3½ −1½"

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....	47'-10½"
Round of Beam	12"
Normal round.....	12"
Difference	✓ ÷ 2 =.....
Proportion of Deck uncovered (Para. 19)	✓

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

Tank rises at Margin. Tonnage measured according to British Rules.

Sheer at Stem 7'-5" Sternpost 3'-8½"	11'-1½" ÷ 2 =	66.75" ...Mean	68.63 4797 36 | 2066 .57
Sheer at ⅛ of the length from Stem 4'-0" Sternpost 2'-3½"	6'-3½" ÷ 2 =	37.75" ...Mean	÷.55 = 68.63
Gradual mean Sheer	allowed	67.69	
Standard mean Sheer [Table, Para. 18]		47.97	Correction
Difference.....		19.72" ÷ 4 =	4.93
If limited as Para. 18 (f)			−5"

Rise in Sheer from amidships [Para. 18 (e)]	At front of bridge house.....	0"
	At after end of forecastle	4'-6"
Fall in Sheer Para. 18 (d)	÷ 2 =	✓
Length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....		4'-5"
Correction for Length, if required (Para. 12, ~~13, and 14~~)	+	1½" 4'-6½"
Freeboard by Table A. corrected for sheer, and for length, if required (Para. ~~11~~, 12, ~~13, and 14~~)		7'-4¼"
Difference		2'-9¾"
Percentage as below.....		28.71%
		9.7"
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)		✓
Allowance for Deck Erections		−9¾"

	Length.	Length allowed.	Height.
Forecastle.....	40'-6"	40.50	8'-0"
Bridge House	102'-0"	102.00	8'-0"
~~Raised Q. Dk.~~.....	✓	✓	✓ ...
~~Poop~~.....	29'-6"	29.50	8'-0"
Total		172.00	
Length of Ship		379.66	= .453
Corresponding percentage (Para. ~~11~~, 12, ~~13, or 14~~)		28.71%	

Freeboard, Table A	7'-6½"
Correction for Sheer	− 5 7'-1½"
Correction for Length	+ 2¾" 7'-4¼"
Allowance for Deck Erections	− 9¾" 6'-6½"
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required)	− 1½" 6'-5"
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	✓
Other Corrections (if any)	✓

Winter Freeboard	6'-5"
Summer Freeboard	5'-11¾"
Indian Summer Freeboard	5'-6½"
~~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. ✓

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 :— 5'-11¾"

Tropical Fresh Water Line above Centre of Disc				11½"	Tropical Fresh Water Freeboard ...	...	5'-0¼"
Fresh Water Line	"	"	... ...	6"	Fresh Water " ...	...	5'-5¾"
Tropical Line	"	"	... ...	5½"	Tropical " ...	...	5'-6¼"
Winter Line	below	"	... ...	5"	Winter " ...	...	6'-4¾"
~~Winter North Atlantic Line~~	"	"	... ...	✓	~~Winter North Atlantic~~ " ...	...	✓

7 DEC 1932

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