

W N A
Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. 30845.
(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 3-12-32.
Name of Surveyor

Ship's Name. "MINNA."	Port of Registry Kasum Kasum	Official Number. 746	Gross Tonnage. 1365	Date of Build. 1923	Particulars of Classification. + 100 A. i.
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Registered Dimensions from Register.	LENGTH. 234.2	BREADTH. 35.5	DEPTH. 16.7 16.63 to tank	UNDER DECK TONNAGE. 1114.22
Length on LOADLINE.	234.25	Frame Depth Rule 2" 2 1/4 - .37	Ceiling + 20 Sheer + 61	Peak } included Tanks }

Moulded Depth as measured..... 18'-7"
Addition for Keel below base line
for draught record..... 2 inches.

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

REGISTERED DIMENSIONS.	234.25	35.13	17.44	1114.22
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co-efficient of fineness..... 78
any modification necessary } C. D. B.
[Para. 4 (a) to (e)]* }
co-efficient as corrected 76

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 234.25
Length in Table 223.00
Difference 11.25
Correction for 10ft., Table A. 1.1 Table C.
× Difference divided by 10 1.23 (if required.)
If 1/10ths length covered divide by 2 .61 + 1/2"

Sheer { Stem..... 72 } 108 ÷ 2 = 54 ... Mean 55.45
at { Sternpost ... 36 } 33.42
36 22.03
61
Sheer at 1/3 of the length from { Stem 41 } 61 ÷ 2 = 30.5 ... Mean
Sternpost 20 } 55 = 55.45
radial mean Sheer allowed 54.72
standard mean Sheer [Table, Para. 18] 33.42 Correction
Difference..... 21.3 ÷ 4 = -5 1/4"
If limited as Para. 18 (f)

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2"

Rise in Sheer { At front of bridge house..... 4 1/2"
from amidships }
Para. 18 (e) } At after end of forecastle 48"
Fall in Sheer }
Para. 18 (d) } ÷ 2 =
length uncovered ✓ Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 35'-5"
Round of Beam 9"
Normal round..... 8 3/4"
Difference 1/4" ÷ 2 =
Proportion of Deck uncovered (Para. 19) NIL

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

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 1'-0 3/4"
Correction for Length, if required (Para. 12, 13, and 14) ✓
Freeboard by Table A, corrected for sheer, and for length,
if required (Para. 11, 12, 13, and 14) } 3'-0"
Difference 1'-11 1/4"
Percentage as below..... 54.4%
12.63"

Freeboard, Table A 3'-5 1/4"
Correction for Sheer - 5 1/4"
3'-0"
Correction for Length + 1/2"
3'-0 1/2"
Allowance for Deck Erections - 1'-0 3/4"
1'-11 3/4"
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) - 3 1/2"
1'-8 1/4"
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) ✓

Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11)
Allowance for Deck Erections - 12 3/4"

Winter Freeboard 1'-8 1/4"
Summer Freeboard 1'-5 1/2"
Indian Summer Freeboard 1'-2 3/4"
N. A. Winter Freeboard 1'-11 1/4"

	Closed	Length.	Length allowed.	Height.
Forecastle.....	18.91	22.83	22.83	7'-0"
Bridge House		57.50	57.50	7'-0"
Raised Qr. Dk.....		67.00	67.00	4'-0"
Poop.....		15.91	15.91	7'-0"
Total			163.24'	
Length of Ship			234.25'	= .696
Corresponding percentage { (Para. 11, 12, 13, or 14) }			54.4%	

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 " " " "

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

Tropical Fresh Water Line above Centre of Disc ...	178 1/2"	Tropical Fresh Water Freeboard ...	445 1/2"
Fresh Water Line " " ...	102 1/2"	Fresh Water " " ...	267 1/2"
Tropical Line " " ...	76 1/2"	Tropical " " ...	369 1/2"
Winter Line below " " ...	64 1/2"	Winter " " ...	509 1/2"
Winter North Atlantic Line " " ...	140 1/2"	Winter North Atlantic " " ...	585 1/2"

6 DEC 1932

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MARKING FORM

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