

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 Bombay.  
Date of Survey 2<sup>nd</sup> September 1935  
Name of Surveyor H. P. Clouthwell

Ship's Name.

"INDIRA"

Number in Register Book

Port of Registry and Nationality.

Hong Kong British

Official Number.

144911

Gross Tonnage.

637

Date of Build.

1918

Particulars of Classification.

100 A.I.

Registered Dimensions from Ship's Register.

Length on LOADLINE.

CORRECTED DIMENSIONS.

LENGTH.

172.17'

170.00'

170.00'

BREADTH.

30.00'

Frame Depth 7 Rule " 3.5

29.75

DEPTH.

15.75'

Ceiling Fitted Sheer +.99

16.74

UNDER DECK TONNAGE.

493.11

Peak Tanks Incl. + 19 tons for rise in floors for and 28. aft.

512.11

Co-efficient of fineness.....

.61

Any modification necessary { [Para. 4 (a) to (e)]\* }

Co-efficient as corrected .....

.68

Sheer { Stem..... 67 } 117

at { Sternpost ... 50 }

Sheer at 1/3 of the length from { Stem 41 } 69

{ Sternpost 28 }

Gradual mean Sheer ..Allowed.. 60.61

Standard mean Sheer [Table, Para. 18] ..... 27.00

Difference..... 33.61

If limited as Para. 18 (f) ..... 27.00

2 x 4 = 3.37 - 3 1/4"

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 7 1/4"

Correction for Length, if required (Para. 12, 13, and 14) ..... - 1 1/4"

Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 2'-2"

Difference ..... 1'-8"

Percentage as below..... 25.14%

cor. for length 2'-5 1/4"

6

1'-11 1/4" x 7.2%

1.67

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 3.36

Allowance for Deck Erections ..... - 3 1/4"

Length.

Length allowed.

Height.

Forecastle..... assumed

21.25

✓

Bridge House ..... 50.00

50.00

7.00'

Raised Qr. Dk..... ✓

✓

✓

..... ✓

✓

✓

Total ..... 50.00

21.25

71.25

Length of Ship ..... 170.00

170.00

= .419

Responding percentage { Para. 11, 12, 13, or 14 } 25.14%

Moulded Depth as measured..... 16.50'

Wood Deck .27

Addition for Keel below base line 16.23 as used.

for draught record..... inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 170.00

Length in Table ..... 194.75

Difference ..... 24.75

Correction for 10ft., Table A. .... 1.00

Table C. .50

x Difference divided by 10 ..... 2.475

(if required.) 1.23

If 1/10ths length covered divide by 2 - 2 1/2"

- 1 1/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... Allowed in

Thickness of usual wood deck, less stringer ..... Moulded depth.

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 29.83'

Round of Beam ..... 8.00"

Normal round..... 7.46"

Difference ..... 54 ÷ 2 = ..... 27

Proportion of Deck uncovered (Para. 19) .... 706

19 = - 1/4"

Freeboard, Table A ..... 2'-7 3/4"

Correction for Sheer ..... - 3 1/4"

2'-4 1/2"

Correction for Length ..... - 2 1/2"

2'-2"

Allowance for Deck Erections ..... - 3 1/4"

1'-10 3/4"

Correction for Round of Beam..... - 1/4"

1'-10 1/2"

Correction for fall in Sheer (if any)..... ✓

Correction for Steel Deck (if required) Allowed in reduced mld depth ✓

Additions for non-compliance with provisions of { Para. 11 (d) and (e) } ✓

Other Corrections (if any) ..... ✓

Winter Freeboard ..... 1'-10 1/2"

Summer Freeboard ..... 2"

1'-8 1/2"

Tropical Freeboard ..... 2"

1'-6 1/2"

N. A. Winter Freeboard ..... 4"

2'-0 1/2"

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 ..... 1'-10 1/2"

Summer " " " ..... 1'-8 1/2"

Tropical Indian Summer " " " ..... 1'-6 1/2"

N. A. Winter " " " ..... 2'-0 1/2"

Winter Freeboard

Summer

Tropical

Indian Summer

N. A. Winter

29.1

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

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

81.B.  
29.12.38