

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

GLASGOW REPORT No 48836

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 Glasgow
Date of Survey 31st January 1929
Name of Surveyor Alfred Munro

Ship's Name. "VICEROY OF INDIA"
Port of Registry and Nationality. ✓
Official Number. 160238
Gross Tonnage. ✓
Date of Build. 1929

Particulars of Classification.
100A1. With freeboard corresponding to moulded depth of hull (Class contemplated)

Registered Dimensions from Ship's Register.
Length. 581.6'
Breadth. 46.25'
Depth. 33.15'
Under Deck Tonnage. 10914.07 tons
Length on Loadline. 582.75'
Frame Depth. 8'
Ceiling. +20"
Peak. 2nd
Rule. 8
Sheer. +68"
Tanks. ✓
Displacement. 3164.88 tons
+23.5 tons

Moulded Depth as measured. 45.7 Port
45.6 Stbd
45.6 Mean
Addition for Keel below base line. Height of Shell in the 8-6
for draught record. 2.15/16 inches

Note. — If the depth is measured when vessel is at anchor, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline. 582.75
Length in Table. 546.36
Difference. 36.39
Correction for 10ft., Table A. 1.7 Table C. 8
× Difference divided by 10. 61.86 (if required.)
If $\frac{1}{10}$ the length covered divide by 2. 6.18 = +6.18

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{2}$ the length covered. 32
Thickness of usual wood deck, less stringer. 3 1/2
1 1/2 Composition fitted at stringer 3 1/2 - 1 1/2 = 2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships. 46
Round of Beam. 6
Normal round. 19
Difference. 18 ÷ 2 = +6.5
Proportion of Deck uncovered (Para. 19). 2.59 × 6.5 = 1.68
+ 1 1/4

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

Co-efficient of fineness. .747
Any modification necessary [Para. 4 (a) to (e)]*. .02
Co-efficient as corrected. .727

at aft. 10-0
at sternpost. 5-4
Sheer at 1/2 of the length from Stem. 5-9
Sternpost. 2-9
Gradual mean Sheer. 92.72
Standard mean Sheer [Table, Para. 18]. 68.27
Difference. 24.09
§ If limited as Para. 18 (f). -5 3/4

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. ✓

ALLOWANCE FOR DECK ERECTIONS:
Freeboard, Table C. 13'-1"
Correction for Length, if required (Para. 13, and 14). + 3'
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 13, and 14). 10'-2 1/2"
Difference. 13'-1 1/2"
Percentage as below. 2'-11"
30%
10.5

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11). -10 1/2"
Allowance for Deck Erections. -10 1/2"

Length. Length allowed. Height.
Forecastle. 82-3 77.55 8-6
Bridge House. 354-3 354.25 8-6
Raised Q. Dk. ✓

Total. 431.80
Length of Ship. 582.75

Corresponding percentage (Para. 13, and 14). Limited to 30%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Steel Deck).
Fresh Water Line. above centre of Disc
Indian Summer Line. "
Winter Line. below
Winter North Atlantic Line. "

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If the frames, ribs, planking, or ceiling are of unusual thickness the breadth of vessel to be used in obtaining an allowance for deck erections under Para. 11 where the sheer drops shall be the height of the R.Q.D. to be taken from the level of the top of the amidships beam. In flush-decked vessels the total standard mean sheer across the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at every distant point of the vessel's length from stem and sternpost.

State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to water line or to the line of keel or to the water line. If measured relatively to water line the vessel must be at anchor, survey, and also the usual load draft forward and aft should be reported.

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Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give reasons below —											
		Forecastle Deck		Main Deck		Bridge Deck		Shutle Park		Shutle Deck 5	
Drawing and Title		No 1 - 12-6 x 14-0		No 2 - 22-3 x 14-0		No 3 - 15-3 x 14-0		No 4 - 8-3 x 8-0		No 5 - 16-6 x 14-0	
Iron		Steel		Steel		Steel		Steel		Steel	
Height above top of Deck		Above Deck & its appurtenances		Above Deck & its appurtenances		Above Deck & its appurtenances		Above Deck & its appurtenances		Above Deck & its appurtenances	
CHARGES	Thickness	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
	Iron	44	44	44	44	50	50	44	44	50	50
	Steel	44	44	44	44	44	44	44	44	44	44
REPAIRS ON WED PLATES	Number	one	one	3	3						
	Section and Description	I-6-21-02 I-24-21-02 I-2-2-02	I-6-21-02 I-24-21-02 I-2-2-02	I-6-21-02 I-24-21-02 I-2-2-02	I-6-21-02 I-24-21-02 I-2-2-02						
	Material										
W T AND APPROX	Trunk	All Hatchways are trunked									
	Section and Description										
	Material										
HATCHWAY THICKNESS		3	2 1/2	3	2 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
REMARKS						Steel Cover 3/4 thick 3 1/2 x 12 and 12 x 12 12-2-24-02		Steel Cover 3/4 thick 3 1/2 x 12 and 12 x 12 12-2-24-02		Steel Cover 3/4 thick 3 1/2 x 12 and 12 x 12 12-2-24-02	

* The depth of Fore and Afters should be stated from the underside of the hatch in all cases.

(If the aft of the lowest side scuttle will be less than 6 inches above the Indian Standard Level Line if assigned tables, state partial distance from top of deck at side scuttles to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels small with under Piers 11, 12 (under 15 feet Moulded depth) and under 200 tons gross tonnage.

What is the thickness of the Bridge Plating? /

Delete the words "The Crew are not berthed in the bridge house."

that do not apply (The arrangements to enable them to get backwards and forwards from their quarters are, ————)

Length of Bulwarks in well 18-0

Area of Frying Ports required by Para. 11 (x) each side of vessel = 7.26 Sq. Ft.

P. Tenth. P. Tenth. No.

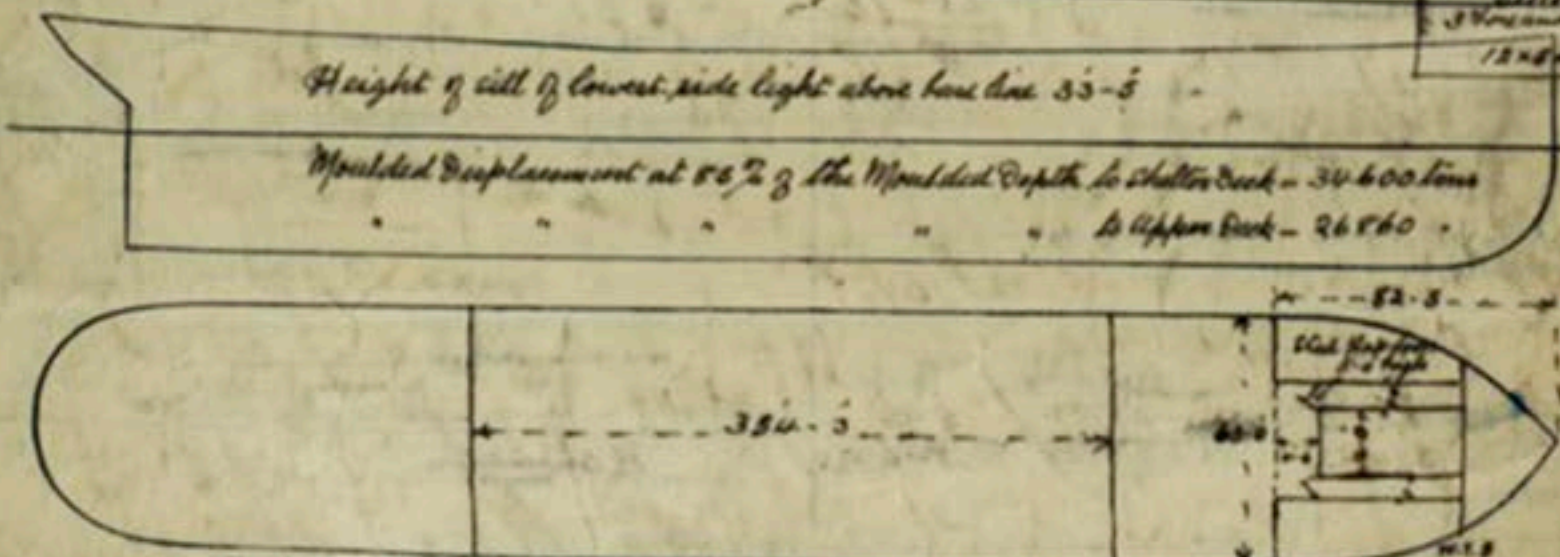
3.28 x 1.42 x } Frying Ports (each side of vessel) = 9.23 Sq. Ft.

Total Decking = 1.98 Sq. Ft.

Deck Area 18-0 x 30-0 = 540 Sq. Ft.

30-0 x 30-0 = 900 Sq. Ft.

18-0 x 30-0 = 540 Sq. Ft.



State any special features in the construction of the Vessel *Moulded Draft 24' 0" with Seasonal allowances*
 Builder's name and yard number *Alexander Stephen & Sons Ltd. No 519*
 Names of sister vessels ✓
 Owners *Peninsular & Oriental Steam Nav. Co.*
 Address *London*
 The approved plans of *Midship Section*
 and *Profile* are *forwarded for signature*
 Fee £ ✓
 Received by me