

W460-0254

Index No. 30064
(For London Office only.)

FRI. 13 JUL. 1921

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAM SHIPS.

REGULARS RELATIVE TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH ALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR TOP ALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Newcastle, N.S.W.*
Date of Survey *17.7.21*
Name of Surveyor *A.C. Stew & Co. Surveyors*

Ship's Name <i>Bromanga</i>	Port of Registry and Nationality <i>Bombay</i>	Official Number <i>13011</i>	Gross Tonnage <i>3307</i>	Date of Build <i>1921</i>	Particulars of Classification <i>100 A1 Shelter Deck with Fullboard Postuplaid</i>
--------------------------------	---	---------------------------------	------------------------------	------------------------------	---

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<i>331.0</i>	<i>47'9"</i>	<i>23'6"</i>	<i>3007</i>
<i>330.5</i>	Frame Depth <i>8'</i> Rule " <i>5 1/2</i> <i>2 1/2</i> <i>41</i>	NO Ceiling <i>+20</i> Sheer <i>+47</i>	Peak Tanks
<i>330.5</i>	<i>47.49</i>	<i>24.27</i>	<i>3007</i>

Moulded Depth as measured..... *26'1"*
Addition for Keel below base line for draught record.....inches. *Straight*

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

fineness..... *79*
tion necessary } *0.2 Double Bottom*
to (e)* }
corrected *77*

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... *330.5*
Length in Table *318*
Difference *12.5*
Correction for 10ft., Table A. *1.4* Table C.
× Difference divided by 10 *2.45* (if required.)
If 1/10ths length covered divide by 2 + *1.25 = 1'4"*

Stem *46.5* } *96.25 = 2 = 38.125* Mean
Sternpost *29.75* } *81*
Sheer *59.95*
Sheer [Table, Para. 18] *43.05* Correction
Difference..... *16.90 ÷ 4 = 4.225*
Para. 18 (f) *76*

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

At front of bridge house.....
At after end of forecastle
Straight for 155'9"
Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... *44.9*
Round of Beam *12*
Normal round..... *13*
Difference *÷ 2 =*
Proportion of Deck uncovered (Para. 19)

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

ALLOWANCE FOR DECK ERECTIONS :-
C..... *2'11 1/2*
gth, if required (Para. 12, 13, and 14)
e A. corrected for sheer, and for length, } *5'7 1/2*
required (Para. 12, 13, and 14) }
..... *2'8"*
..... *94.3%*
..... *30.17*

Freeboard, Table A *5.11 3/4*
Correction for Sheer *- 4 1/4*
Correction for Length *+ 1 1/4*
Allowance for Deck Erections *- 2.6 1/4*
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *- 3 1/2*
2.11
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † }
Other Corrections (if any)

Length.	Length allowed.	Height.
<i>297.5</i>	<i>297.5</i>	<i>7.1</i>
<i>28.0</i>	<i>28.5</i>	<i>7.6 3/4</i>
<i>330.5</i>	<i>326</i>	
	<i>2.25 diff</i>	
	<i>328.25</i>	
	<i>330.5 - 993</i>	

Winter Freeboard *2.11*
Summer Freeboard *2.6*
Indian Summer Freeboard *2.1*
~~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 iron deck with side. } *1 3/4*

Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " "
Winter North Atlantic Line " " "

Winter Freeboard from deck line *3.0 1/2*
Summer " " " " *2.7 1/4*
Indian Summer " " " " *2.2 1/2*
~~N.A. Winter " " " "~~

Percentage } *94.3%*
or 14)

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 the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the draft forward and aft, should be reported.

RECEIVED 15 NOV 1926

Lloyd's Register Foundation

W460-0238

21, 7, 10. T.

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *✓* Bridge House? *✓* Forecastle? *✓*
 To what height do the Reverse Frames extend? *Shelter Deck*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *✓*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *✓* Has the Bridge House an efficient Bulkhead at the fore end? *✓*
 Give particulars of the means for closing the openings in Bulkhead *✓*
 What is the thickness of the Bridge Front plating? *✓* and Coaming plate? *✓*
 Give scantlings and spacing of the Stiffeners *✓*
 Are bracket plates fitted at each end of the Stiffeners? *✓* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *✓*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *✓*
 How are the openings closed? *Various openings in Bulkhead Main doors in channels*
 Is the Forecastle at least as high as the main or top-gallant rail? *✓* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *✓*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes Shelter Deck and Steel Coaming*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *✓*
 What is the height of the exposed Casings? *✓* Are suitable means provided for closing all openings in them in bad weather? *yes*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *yes*

Position and Size.	No 1 5 1/2' x 23'		No 2 15' 4" x 23'		No 3 5' 9" x 19' 0"		No 4 13' 4" x 23' 0"		No 5 21' 3" x 23' 0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	2' 6"	2' 6"	2' 6"	2' 6"	2' 6"	2' 6"	2' 6"	2' 6"	2' 6"
	Thickness	Sides .60 Ends .40	.60 .40	.60 .40	.60 .40	.60 .40	.60 .40	.60 .40	.60 .40	.60 .40
SHIFTING BEAMS OR WEB PLATES.	Number	48	5	4	5	4	5	4	5	4
	Section and Scantlings	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38	2 1/2" x 38
	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
* FORE AND AFTERS.	Number									
	Section and Scantlings	etc	etc	etc	etc	etc	etc	etc	etc	etc
	Material	etc	etc	etc	etc	etc	etc	etc	etc	etc
HATCHES	Thickness	3	3	3	3	3	3	3	3	3
Remarks										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? *✓* Strake between Main and Bridge Sheerstrakes? *✓*

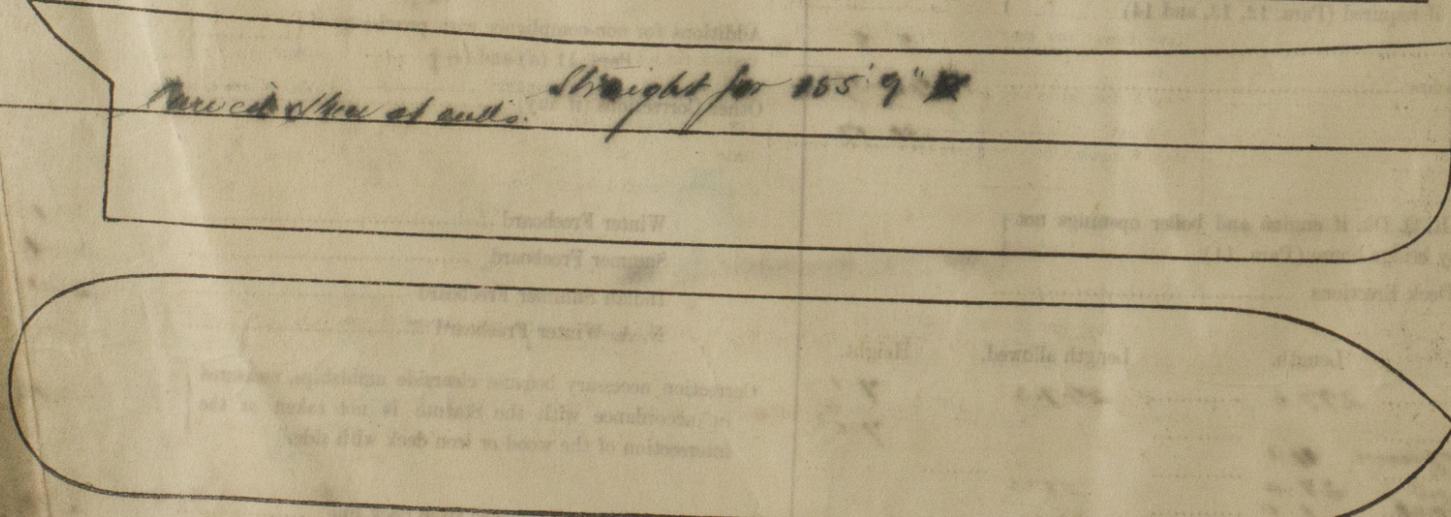
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *etc*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) =	Sq. ft.
x		x				Sq. ft.

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *None* *9 Gudunda*

Owners *Cromwell Steamship Line*
 Address *111 Sturace*

Fee £ *5*
 Received by me *W. L. G. 0-0*
 Write



RE
 of sailing
 in
 Book,
 53' 0
 TONNA
 GROSS
 UNDER DEK.
 NET
 urveyed
 B=Cell
 tal cap
 N.B.—Al
 If the
 the tanks
 ders, and
 last R
 eriodical Su
 ause of Rep
 on account o
 nd besides
 eplacement
 he back of th
 damage ca
 they were
 REPAIRS, C
 at
 17999A
 on
 SUMMARY OF D
 Renewed
 Removed a
 Faired or B
 RESENT CONDI
 Decks
 bulking of Decks
 Waterways
 Coamings
 Beams & Fastening
 Outside Plating
 Bulking of ditto
 Rivets
 Reasthooks & Crut
 Ransoms
 Rames
 Reverse Frames
 Floors
 Beelsons
 Tringers
 Inner Bottom Platin
 General
 State
 this survey
 survey, 1,1
 This
 as cl
 Survey Fee (per Se
 Special Damage or R
 (per Sec. 29)
 Travelling Expenses
 Second Surveyor's Fe
 Committee
 Character