

COPY WRITTEN

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS. 51625

20 JUN 1931
Index No. 25
(For London Office only.)
33683

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 22nd JUNE 1931.
Name of Surveyor H. THOMSON.

Ship's Name. KARABAGH.	Port of Registry and Nationality. LONDON BRITISH	Official Number. 162683	Gross Tonnage. ✓	Date of Build. 1931	Particulars of Classification. + 100A.1. CAREENS REG. IN BULK (CONTEMPLATED)
Number in Register Book 91201					

Registered dimensions from Ship's Register.	LENGTH. 426.45	BREADTH. 57.25	DEPTH. 32.3	UNDER DECK TONNAGE. 6085.08
Length on LOADLINE.	425.0	Frame Depth 9	Ceiling + 20	Peak } Includ. Tanks
CORRECTED DIMENSIONS.	425.0	57.25	33.54	6155.48

Moulded Depth as measured..... **32'-1 1/2"** ✓
Rule wood deck less Str 3/4
31-10 1/4 ✓
 Addition for Keel below base line for draught record..... **6 use** inches.

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

Co-efficient of fineness..... **.754** ✓
 Any modification necessary [Para. 4 (a) to (e)]* } *Bottom Length:*
 Co-efficient as corrected **.74** ✓

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	425.0 ✓
Length in Table	382.25 ✓
Difference	42.75 ✓
Correction for 10ft., Table A.	1.6 ✓
× Difference divided by 10	6.84 (if required.) 3.42 ✓
If 1/10ths length covered divide by 2	+ 6 3/4 ✓ + 3 1/2 ✓

Sheer { Stem..... **120** } **180.0 ÷ 2 = 90.0** Mean
 at { Sternpost ... **60** }
 Sheer at 1/3 of the length from { Stem **66** } **99.0 ÷ 2 = 49.5** Mean
 { Sternpost **33** } **÷ 55 = 90.0**
 Gradual mean Sheer **90.0** ✓
 Standard mean Sheer [Table, Para. 18] **53.5** ✓
 Difference..... **37.0 ÷ 4 = 9.375** ✓
 § If limited as Para. 18 (f) **- 9 1/4** ✓
GRADUAL SHEER.

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer *In reduced Mld Depth.*

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	56.0 ✓
Round of Beam	14 1/4 ✓
Normal round.....	14.0 ✓
Difference	1/4 ÷ 2 = 1/8 ✓
Proportion of Deck uncovered (Para. 19)	61 NIL

ALLOWANCE FOR DECK ERECTIONS:—
 Freeboard, Table C..... **5.2** ✓
 Correction for Length, if required (Para. 12, 13, and 14) **+ 3 1/2** ✓
 Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } **5.5 1/2** ✓
 } **8.1 1/2** ✓
 Difference **2.8** ✓
 Percentage as below..... **24.37%** ✓
7.49 ✓
 Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
 Allowance for Deck Erections **- 4 3/4** ✓

Freeboard, Table A	8.4.02	8.4 ✓
Correction for Sheer	- 9.37	- 9 1/4 ✓
Correction for Length	7.6.65	7.6 3/4 ✓
Allowance for Deck Erections	+ 6.84	+ 6 3/4 ✓
Correction for Round of Beam.....	8.1.49	8.1 1/2 ✓
Correction for fall in Sheer (if any).....	- 7.79	- 7 3/4 ✓
Correction for Steel Deck (if required) <i>Allowed in reduced Mld. Depth</i> ✓	7.5.70	7.5 3/4 ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †		
Other Corrections (if any)		
Winter Freeboard		7.5 3/4 ✓
Summer Freeboard (5-6 1/2) 5 1/2 ✓		7.0 1/4 ✓
Indian Summer Freeboard		6.6 3/4 ✓
N.A. Winter Freeboard		

	Length.	Length allowed.	Height.
Forecastle.....	44.9	44.75 ✓	7.9 ✓
BRIDGE HOUSE FORWARD	2.6	1.45 ✓	7.9 ✓
BRIDGE HOUSE AFT	28.0	28.00 ✓	7.9 ✓
RAISED Q. DK.	3.6	2.62 ✓	
Poop.....	88.9	88.75 ✓	7.9 ✓
Total		165.84 ✓	.390 ✓
Length of Ship		425.0	
Corresponding percentage (Para. 12, 13, or 14) }		24.37% ✓	

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. **+ 1 3/4** ✓

Winter Freeboard from deck line	7.2 ✓
Summer " " " "	6 1/2 ✓
Indian Summer " " " "	5 1/2 ✓
N.A. Winter " " " "	5 1/2 ✓

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck:—

Fresh Water Line above centre of Disc	7.2 ✓
Indian Summer Line " " " "	6 1/2 ✓
Winter Line below " " " "	5 1/2 ✓
Winter North Atlantic Line " " " "	5 1/2 ✓

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
 † In vessels having poops and forecastles, it means the sheer measured at points distant 1/10th of the vessel's length from stem and stern-post.

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 usual load draft forward and aft should be reported.

22 JUN 1931

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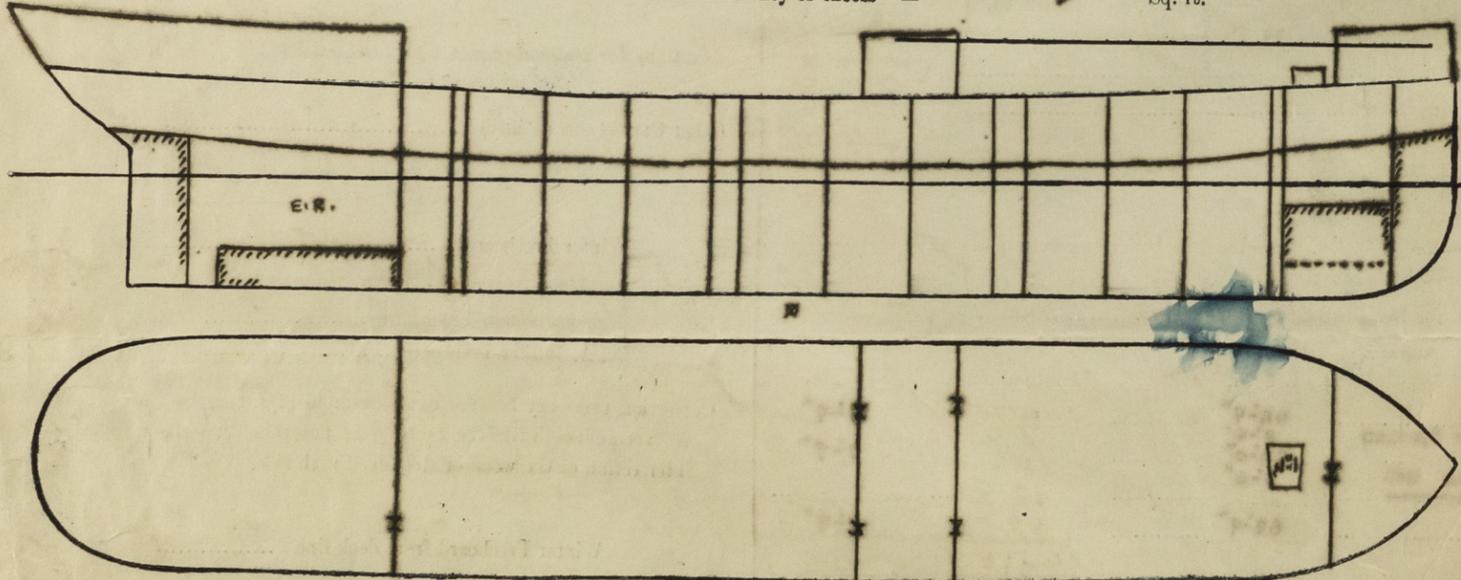
Do all the Frames extend to the top height in the Poop? **YES** Raised Quarter Deck? **✓** Bridge House? **YES** Forecastle? **YES**
 To what height do the Reverse Frames extend? **NONE - BULWARK FRAMES**
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? **YES**
 Give particulars of the means for closing the openings in Bulkhead **SHIFTING BOARDS IN CHANNEL RIVETED TO BULKHEAD**
 Is the Poop or Raised Quarter Deck connected with the Bridge House? **NO** Has the Bridge House an efficient Bulkhead at the fore end? **YES**
 Give particulars of the means for closing the openings in Bulkhead **HINGED W.T. DOORS**
 What is the thickness of the Bridge Front plating? **.40** and Coaming plate? **.44**
 Give scantlings and spacing of the Stiffeners **8 x 3 x .38 BA SPACED 30" APART**
 Are bracket plates fitted at each end of the Stiffeners? **YES** Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? **YES**
 Has the Bridge House an efficient Iron Bulkhead at the after end? **YES**
 How are the openings closed? **SHIFTING BOARDS IN CHANNELS RIVETED TO BULKHEAD**
 Is the Forecastle at least as high as the main or top-gullant rail? **YES** Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? **YES**
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? **YES**
 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? **✓**
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below:— **SEE BELOW**

Position.	NO 1	MAIN OR TANK HATCHES	ENGINE TANK HATCHES						
Size.	11'-3" x 10'-0"	6'-0" x 4'-0"	6'-0" x 3'-0"						
COAMING.	Height above top of DECK	30"	30"	30"					
	Thickness { Sides..... Ends.....	.44 .44	.40 .40	.40 .40					
SHIFTING BEAMS OR WEB PLATES.	Number.....	2							
	Section and Scantlings.....	9 x .30 3 x 3 x .38	NONE	NONE					
	Material.....	STEEL							
* FORE AND AFTERS.	Number.....								
	Section and Scantlings.....	NONE	NONE	NONE					
	Material.....								
HATCHES Thickness.....	3"	STEEL PLATE	STEEL PLATE						
Remarks.....		COVERS	COVERS						

* 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 keel 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 **NONE. OPEN RAILS FITTED ✓**
 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.
 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.
 No SHEATHING ON UPPER DECK IN WAY OF FREEBOARD MARKINGS.
 MOULDED DISPLACEMENT AT 85% MOULDED DEPTH = 14740 TONS.
 CALCULATED TONNAGE BETWEEN THE EXTENDED UPPER SURFACE OF THE BOTTOM LONGS AND TOP OF DOUBLE BOTTOM IN ENGINE ROOM = 57.8 TONS.
 D₂ AND TOP OF FLOORS IN DEEP TANK FORWARD = 12.6 TONS.
 State any special features in the construction of the Vessel
 Builder's name and yard number **BLYTHWOOD S. B. CO. LTD. NO 32.**
 Names of sister vessels **NONE. PLEASE SEE PRELIMINARY ASSIGNMENT 1st APRIL 1930.**
 Owners **BALTIC TRADING COMPANY LIMITED.**
 Address **374 LIME ST. SQUARE LONDON. E.C. 3.**

APP. Fee £ 12 : 0 : 0 Received by me *See F.B. Report.*
 (4 PLANS) APPROVED PLANS OF MIDSHIP SECTION, PROPELLER & DECK PLANS, ENGINE SEATING & FORE END FRAMING ARE FORWARDED FOR REFERENCE

