

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 43380

Port of Glasgow Date of completion of Report 26th Feb 1924 Received at London Office WED. FEB 27 1924  
 Survey held at Glasgow Date, First Survey 20th April 1923 Last Survey 15th February 1924  
 On the (State if Single, Twin, or Triple Screw) Single Screw Motor Vessel "KATHIAWAR" Rig Sch.

TONNAGE under 1367.31  
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.  
 Total under Upper Dk. 53.50  
 Do. of Poop 99.10  
 Do. of R. Qr. Dk. 374.07  
 Do. of Bridge Head 15.76  
 Do. of Houses on Deck  
 Do. of excess of Hatchways  
 Do. above Crown of Engine Room 14149.74  
 Gross Tonnage 197.22  
 Less Crew Space  
 Less above Crown of Engine Room 1327.92  
 Tonnage for Fees... 86.64  
 Less Engine Room  
 Less Navigation Spaces  
 Register Tonnage 2537.96

CLASS +100 A.1. with freeboard.  
 Breadth (greatest moulded) 48.0  
 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.0  
 Deduct height of 'tween deck when this does not exceed 8ft.  
 1st LONGITUDINAL Transverse Number (L x D) 11320  
 Length on deck from fore part of stem to after part of sternpost 370.0  
 2nd LONGITUDINAL Transverse Number 31080  
 Longitudinal Number 24.5  
 Depth "d" at middle of length. See Secs. 2 & 13... 10.28  
 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel  
 " " " Upper Deck at side to top of keel

Master  
 Year of Appointment  
 Built at Govan  
 When built 1924 Launched 22nd Nov. 24.  
 By whom built Messrs. Stirling & Co. Ltd.  
 Owners Bank Line Ltd.  
 Managers Andrew Lewis & Co.  
 Residence London  
 Port belonging to Glasgow

Destined Voyage Calcutta If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
370	0		48	0		36	0		2	none

Dimensions of Ship per Register, Length 370.40 breadth 48.20 depth 25.60  
 Awn. or Shelter Dk. Moulded depth, ft. 36 ins. 0 To Awn. or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 ins.  
 Upper Deck. Moulded depth, ft. 28 ins. 0 To Upper Deck.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, <u>E or L</u> Beams, amidships	7	3 1/2	50	7	3 1/2	50	PILLARS, In 'tween Deck, size and spacing " " Hold " " Quarter, 'tween Dks., " " in Hold				
Do. in peaks <u>B.A.</u>	7 1/2	3 1/2	38	7 1/2	3 1/2	36					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
" " at intermdt. Bkts.	8	3 1/2	47	8	3 1/2	47	KEELSONS AND STRINGERS.				
Spacing of Frames from centre to centre amidships	31			31							
" length to collision bulkhead	27			27							
" of Frames from centre to centre in peaks	24			24			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate Rider Plate				
REVERSED FRAME, Angles	9	3 1/2	50	9	3 1/2	50					
Do. in way of Double bottoms at Solid Floors	3 1/2	3	42	3 1/2	3	42					
" " at intermdt. Bkts.	8	3	40	8	3	34 1/2	SIDE KEELSONS, Number				
FRAMING, depth of girder	12 3/4			12 3/4							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" in way of Engine and Boiler spaces							BILGE KEELSON, Angles				
" thickness at the ends of vessel											
" depth at 1/2 the half-bdth. as per Rule											
" height extended at the Bilges							SIDE STRINGERS, Number				
FLOORS, in Cell Double Bottoms											
" state if flanged (top and bottom)											
" spacing of Solid	every 3rd			every 3rd			Awning or Shelter Deck Stringer Plates, breadth and thickness				
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	41	54		41	54						
" Angles, Top	6	6	52	6	6	52					
" " Bottom	6	6	58	6	6	58	Upper Deck Stringer Plate, breadth and thickness				
" " to Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
" Brackets at intermdt. frmg., wdth & thkns	36	40		31 1/2	40						
SIDE GIRDERS, number and thickness	one @	40		one @	40		Angles on ditto, No.				
" state if flanged (top & bottom)	at top			at top							
" Angles	3 1/2	3	42	3 1/2	3	42					
MARGIN PLATE, depth (exclusive of flange) and thickness	39	52		39	52		Tie Plates, fore and aft, outside Hatchways				
" Angles to outside plating	3 1/2	3 1/2	52	3 1/2	3 1/2	52					
" to floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
" Brackets at intermdt. frmg., wdth & thkns	31 1/2	40		31 1/2	40		Deck * Iron or Steel, for lng.				
" Height of Brackets above at bilge	5'-9 1/4"			5'-9 1/4"							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	51 1/4	50		51 1/4	50						
" thickness in Engine and Boiler space	50			50			Wood Deck. Material & thickness				
" " Remainder in Holds	42			42							
BEAMS, Awn. or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	43	3	3	50	7	Upper Deck Stringer Plate, breadth & thickness				
" Spacing	31			31							
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	40	3 1/2	3 1/2	54	9					
" Angles on upper edge	31			31			Angles on ditto, No. 2				
" Spacing	31			31							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	36	7	3	36					
" Angles on upper edge	27	24		27	24		Tie Plates, outside Hatchways				
" Spacing	27	24		27	24						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	36	7	3	36					
" Angles on upper edge	27	24		27	24		Deck. Material and thickness				
" Spacing	27	24		27	24						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	36	7	3	36	Poop Deck Stringer Plate, breadth & thickness				
" Angles on upper edge	27	24		27	24						
" Spacing	27	24		27	24						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	36	7	3	36	Angles on ditto				
" Angles on upper edge	27	24		27	24						
" Spacing	27	24		27	24						



## EQUIPMENT No. 32072 LETTER Z ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REG. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
86678	1st Bower	56	1	16				46	6	1	0	56	1	0	Halls Stockless	Hugley & Sons Ltd	Netheaton 10/1/24 H. Green
86679	2nd "	56	0	17				46	3	0	14	56	1	0	Halls Stockless	Hugley & Sons Ltd	Netheaton 10/1/24 H. Green
86680	3rd "	56	1	18				46	6	1	0	47	2	0	Halls Stockless	Hugley & Sons Ltd	Netheaton 10/1/24 H. Green
	Collective weight	168	3	23								160	0	0			
86675	Stream	15	0	14	4	1	12	16	12	0	21	15	0	0	Rodgers	Hugley & Sons Ltd	Netheaton 24/1/23 H. Green
	Kedge																

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 36.0.11; 11.5; C.3475; 27/1/23.  
2nd " 36.0.17; 11.2; C.3472; 20/1/23  
3rd " 35.3.16; 11.2; C.3474; 27/1/23.

## CHAIN CABLES.

## HAWSEERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.	
	Length.	Diam.	Tons.	qrs.	Cwts.	qrs.	Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.
75411	135 7/8	2 1/8	81 1/4	113 3/4	312	2.12	304	1.14	135	2 1/8	Steel Link	Hugley & Sons Ltd	Netheaton, 4/1/24; H. Green				
75435	135 3/8	2 1/8	81 1/4	113 3/4	310	2.25	304	1.14	135	2 1/8	"	"	Netheaton 17/1/24; H. Green				
	90	4 1/2		39					90	4 1/2	S.L.R.	Warrington Rope Co.					

Boats 4 @ 28'-0" x 8'-6" x 3'-6"; 6 @ 26'-0" x 8'-0" x 3'-3"

Pumps, Number 2

Windlass is by Black Chapman. Electric

Engine Room Skylights.—How constructed? Steel

Coal Bunker Openings.—How constructed? none (oil fuel)

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 each side Open rails

Ceiling in Holds, thickness and material 2 1/2 Spruce under hatches and

Cargo Hatchways.—How formed? Steel plates and angles

State size No. 1 Hatch (Forward) 22'-6" x 16'-0" No. 2 Hatch 28'-5" x 16'-0" No. 3 Hatch 14'-2 1/2" x 16'-0" No. 4 Hatches 20'-8" x 16'-0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 Shifting beams in No. 1, 4 + 5 hatches, 2 in No. 3 and 5 in No. 2.

Bulwarks, height above deck and description 3'-6"

The foregoing is a correct description FOR HARLAND & WOLFF, LTD.

Builder's Signature (here only) W. J. J. J.

Steering Gear, Steam

Diameter of Barrel 3" x 5"

Capstan none

Steering Gear, Hand none. Spare Tiller Block & Tackle, 1

State whether they are in efficient working order Yes

What arrangements for deadlights in bad weather? none

Height above deck? ✓

Cargo Battens, thickness and material 6 x 2" Spruce

Hatches, If strong and efficient? Yes

No. of Breasthooks 2

No. of Crutches ✓

Main Rail and Stays, material and size 6 x 3 x 380 A. stiffened by 2 1/2" x 3" x 32"

Surveyor's Signature Geo. Webster

Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) 16/3/23 E., 21/6/23 M.  
29/6/23 E., 29/6/23 M., 11/8/23 M., 16/8/23 D., 23/8/23 M., 14/11/23 M., 16/11/23 M., 6/4/23 M.

Workmanship. Are the butts of plating planed or otherwise fitted? planed

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes, where fitted

to plate, &c., conform well to each other? Yes

from the faying surfaces? Yes

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

General Remarks (State quality of workmanship, &c.) The workmanship is good. The vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates and in conformity with the Rules for the Class contemplated. The Owners are aware that the vessel has been built in accordance with the Society's proposed Rules (1923-4.) See Builders Letter

The vessel is constructed for carrying oil fuel in No. 3 & 4 Double Bottom Tanks

The Deep Tank is constructed for carrying Bean oil

The tanks have been tested in accordance with the Rules & the requirements of

Sec. 35. of the Rules have been complied with.

Forging & Casting reports and 26 approved plans enclosed herewith. Also midship Section as built.

Please return approved plans for dealing with Sister vessel.

The vessel is a sister to M.V. Gujarat same builders Y&W No 610 Glasgow Report No 43244.

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee ..... £ 8 : 0 : 0  
Special Survey Fee .... £ 282 : 10 : 0  
Travelling Expenses, if any £ : :  
Fees applied for, 20-2-1924  
Received by me, 20/2/1924

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed \* 100. A. 1.

With, or without Freeboard, as condition of Class

Committee's Minute GLASGOW 26 FEB 1924

Character assigned 100 A. 1. With freeboard

Lloyds A.S.C.P.

+ LMC 2.24.

Carrying Bean Oil in D.T.

Surveyor's Signature Geo. Webster

Surveyor to Lloyd's Register of Shipping.

Date of issue 2/4/24

GLASGOW 26 FEB 1924

W506-00121212

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GENERAL REMARKS—(continued).

WEB-FRAME

No.

WEB-FRAME

WEB-FRAME

No.

Size of

BRACKET P.

Web Frame

BULKHEAD

W.T.BULKHEAD

COLLISION

PARTITION

LONGITUDE

Are the outside

Are the Sluice

STR

FLAT PLATE

(If Bar Keel, s

GARBOARD O

State actual

thickness in

way of Double

Bottom.

SHEERSTR

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft., (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) *2 decks (steel) upper & lower sheathed 2 1/2" P.P.*

Official No. *147884*; Signal Letters *K.Q.C.M.*

How are the surfaces preserved from oxidation? Inside *Cement & Paint clear of oil tanks* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Yes*

Where Fitted.	*Length. Feet.	*Salt. Water Capacity. Tons.	Where Fitted.	*Length. Feet.	*Salt. Water Capacity. Tons.
Double bottom, aft, ( <i>W.B. = 266 F.W. = 127 Lino</i> )	<i>90.42</i>	<i>397</i>	Fore peak tank, <i>W.B.</i>	<i>19.08</i>	<i>128</i>
Double bottom, under Engines and Boilers,			After peak tank, ( <i>F.W. = 92</i> )	<i>16.75</i>	<i>95</i>
Double bottom, if under Engines only, ( <i>F.W. 133: Lub Oil 27</i> )	<i>43.92</i>	<i>166</i>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, <i>W.B. or oil</i>	<i>33.58</i>	<i>1140</i>
Double bottom, forward, ( <i>W.B. 274 W.B. oil = 284</i> )	<i>174.75</i>	<i>558</i>	Other tanks, if fitted,		
Total capacity of double bottom		<i>1121</i>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

*Total length of Double Bottom Tanks = 309.09'*

Order for Special Survey No. *5557*

Date *22.3.1923*

No. *611* in builder's yard.

DATES OF SURVEYS held while building

*1923 Apr 20. 26. 30 May 4. 8. 14. 23. 25. 29. 31 Jun 5. 6. 11. 13. 15. 19. 20. 22. 25. 28. Jul 2. 5. 31 Aug 8. 10. 16. 30 Sep 4. 12. 17. 19. 28 Oct 1. 11. 15. 17. 18*

*19. 22. 23. 24. 26. 30 Nov 1. 2. 6. 8. 9. 14. 15. 16. 30. 27. 28. Dec 5. 6. 13. 1924 Jan 8. 14. 16. 22. 25. 28. 30 Feb 1. 6. 7. 12. 15.*

Surveyor's Signature *Geo. Webster*

Total No. of Visits *69*

Dated *7th*