

WEB FRAMES. In Fore Body. No. and spacing brdth. & thickness No. of Side Stringers WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness WEB-FRAMES, In After Body, No. and spacing brdth. & thickness No. of Side Stringers Size of Face Angles to Web-Frames BRACKET PLATES to Stringers between Web Frames, depth and thickness

BULKHEADS. Number. Thickness. STIFFENERS. Single Height up, state deck. W.T. BULKHEADS 7 6 42 30 1 Semi Box Beam 9x3x4 1/2 @ 24" 5x5x50 2nd 8 45A 38 26 11x3 1/2 x 4 1/2 @ 30" 3x3 1/2 x 30 23A 39 26 9x3 1/2 x 38 @ 32" 4A 40 30 15x4 1/2 x 5 1/2 @ 24" 5x5x46 10F 40 20 13x4 1/2 x 4 1/2 @ 24" 3 1/2 x 3 1/2 x 50 COLLISION 39F 40 20 52 26 2 Semi Box Beams 11x3 1/2 x 4 1/2 @ 24" 5x5x53 upper 5x5x53 lower PARTITION LONGITUDINAL

Are the outside Plates doubled two spaces of Frames in length? Are the Sluice Valves and Watertight Doors in efficient working order?

FORGINGS or CASTINGS. KEEL, Bar, depth and thickness STEM, moulding and thickness STERN-POST for Rudder do. do. for Propeller RUDDER-A x D* Table 22. Speed Main-Piece, diameter at head at heel

RUDDER, how constructed Thickness of Plates or Single Plate Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. Has the Steel been tested as required by the Rules?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. FLAT PLATE KEEL GARBOARD OF A Strake State actual thickness in way of Double Bottom. SHEERSTRAKE M N O P Q R S T U V W THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel POOP SIDES SHORT BRIDGE SIDES FORECASTLE SIDES

RIVETING. EDGES. BUTTS. Rivets. STRAPS. IF LAID. Double or Treble and for what Length. Diam. Spacing cr. to cr. Breadth. Thickness. Breadth. For what Length.

UPPER Butts, treble riveted for length amidship. Butts of Side Stringers riveted. Tie Plates riveted. Inner Bottom Plating, riveting of Edges Single (double) Butts double (single) Centre Girder Butts, treble riveted. Keelson Butts, riveted. Frames, riveted through Plates with in. Rivets, about apart. Rivets, state whether Iron or Steel

FRAMES extend in one length from to Upper Deck & Keel in way of same State if ordinary or joggled REVERSED FRAMES on floors and frames extend from bilge to 2nd deck. double in way of Motor Space. State if ordinary or joggled

MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen Bowsprit Topmasts, Yards and Remainder of Spars Rigging, Material and Size, Shrouds 4 each side. 4 1/2" galv. S.W.R. each mast. Stays 1 mainstay & 1 forestay 3 1/4" galv. S.W.R. Sails. Suit of Sails, and the following spare sails

EQUIPMENT No. 32072 LETTER α ANCHORS.																		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. 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.				
86753	1st Bower ..	57	3	21		✓		47	5	0	0	56	1	0	Halls Stockless	Hingley & Sons Ltd	Ketherton	7/3/24. H. Green
86754	2nd „ ..	56	0	21		✓		46	3	0	14	56	1	0	" "	" " "	" "	" "
86767	3rd „ ..	56	3	24		✓		46	12	2	0	47	2	0	" "	" " "	" "	19/3/24 "
	Collective weight	171	0	10								160	0	0				
86738	Stream	15	1	3	4	0	6	16	16	2	7	15	0	0	Rodgers	Hingley & Sons Ltd	Ketherton	27/2/24. H. Green
	Kedge																	

If Pottery state Name of Pottery

If Stockless, state Mechanical Tests.

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

1st Bower 37.2.24 ; D.D.W. ; 6075 ; 21/3/23.
2nd " 36.0.0 ; N.D. ; 1763 ; 27/11/23.
3rd " 35.3.13 ; N.D. ; 1791 ; 6/3/24.

CHAIN CABLES.

HAWSERS 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.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
75490	135 1/2	2 1/8	8 1/4	113 3/4	305.2.16	304.1.14	135	2 1/8	Dead Link	Hingley & Sons Ltd	Ketherton	5/3/24. H. Green	TOWLINE	90	4 1/2
75493	135 1/2	2 1/8	8 1/4	113 3/4	306.1.13	304.1.14	135	2 1/8	"	"	"	"	HAWSERS & WARPS	4 @ 90	3
													"	4 @ 90	2 1/2
													"	2 @ 90	8
													"	2 @ 90	7
	90	4 1/2		39			90	4 1/2	S.W.R. Warrington Wire Rope Works, Ltd.						

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 latches only. Cargo Battens, thickness and material 6" x 2" spruce

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 Hatch 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.

no fore and afters.

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

The foregoing is a correct description.

Builder's Signature (here only)

FOR HARLAND & WOLFF, LTD.
John Dickenson
Managing Director

Surveyor's Signature

Geo. Webster. G. S. Shaw
Surveyors 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, 1/8/23 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

Do any rivets break into or through the seams or butts of the plating ? a few

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

State results of tests Satisfactory.

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

State results of tests Satisfactory.

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 Builder's 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 and Basting reports and 26 approved plans enclosed herewith. Also midship Section as built.

The vessel is a sister to M.V.s "Gujarat" and "Kathiawar", same Builders Yard No. 610 & 611, Glasgow Reports 43244 and 43380.

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

Freeboard 10 0 0
The amount of Entry Fee £ 8 : 0 : 0
Special Survey Fee £ 282 : 8 : 0
Travelling Expenses, if any £ : :
Fees applied for, 1/4/1924. Haul & Mch. Certificate to be sent to Glasgow Date of issue 2/6/24
Received by me, 20/6/24

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed + 100 A1

With, or without Freeboard, as condition of Class with freeboard carrying Bean Oil in Deep Tank

Geo. Webster. G. S. Shaw
Surveyors to Lloyd's Register of Shipping.

Committee's Minute GLASGOW - 1 APR 1924

Character assigned + 100 A1 With Fb

3.24.
Lloyds A.C.P.

+ L.M.C. 3.24.

Carrying Bean Oil in D.T.

The Surveyors are requested not to write on or before the Committee's Minute.



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Lloyd's Register

03687/2

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 36.83
(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 deck sheathed 2 1/2" P.P.

Official No. 147888 ; Signal Letters K.Q.H.C. State if Machinery is fitted aft Amidships
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 ~~as with girders on floors~~ Yes

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

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

State whether the above have been tested as required by the Rules. Yes.

Total Length of Double Bottom Tanks = 309.09'

Order for Special Survey No 5558
Date 22.5.1923
No. 6426 in builder's yard.
DATES OF SURVEYS held while building
1923 Apr 25.30 May 2.14 Jun 1.11 20.22 25.28 Jul 2.5.31 Aug 10.23.24.28 Sep 3.5 Oct 5.18.19.23.26 Nov 1.6.7.8.12.13.16.28.29.30 Dec 3.5.7.10.11.13.14.18.19.21.27.28 1924 Jan 10.11.15.19.25.28.30 Feb 14.18.19.21.27 Mar 7.14.19.25.

Surveyor's Signature

Geo. Webster

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Foundation