





S.S. "Botneo mari". Kobe 1<sup>st</sup> E. Rpt. No. 2161.

EQUIPMENT No.		LETTER						ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED 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.							
807	1st Bower ...	58	3	5	Stalen			47	13	3	0	56	3	10	Halls patent	N. Hingley & Son	Neth.	25/11/16	N. G.		
806	2nd „ ...	58	0	22	do			47	7	2	0	56	3	9	do	do	do	do	do		
805	3rd „ ...	57	2	16	do			47	1	3	14	56	3	9	do	do	do	do	do		
	4th „ ...																				
	Collective weight.	174	2	15								170	2	0							
828	Stream .....	16	2	12	4	0	17	17	18	1	21	16	1	0	Ord. Wrot. Iron	do	do	28/11/16	do		
829	Kedge.....	7	0	0	1	13	25	9	5	0	0	7	0	0	do	do	do	do	do		

If Patent state Name of Patentee.

Stainless steel Mechanical Tests.

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

1st Bower 32 cwt 2 qrs 7 lbs. C.E.P. No 292 26 Sep. 1916 Cert. Lpton 29/9/16  
 2nd " 35 " 0 " 16 " H.C. " 776 26 & 29 Sep 1916 " Nwe. 6/10/16  
 3rd " 32 " 1 " 0 " C.E.P. 291 26 Sep. 1916 " Lpton 29/9/16  
 4th " "

CHAIN CABLES.											HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length 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.	Length and Size per Table 31.		
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
1344	135	2 3/4	86 1/8	120 1/2	328.0.0	645.3.0	270	2 3/16	Stud Line	R. Sykes & Son Ltd.	Cardiff 3/4/17 G.H.P. Saut. 7/5/17 L.N.	TOWLINE	120	4 1/4	65 1/2	120	4 1/4	
1581	135	2 1/16			329.3.0							HAWSERS & WARPS	2-90	8	Manila	2-90	8	
												" "	2-90	7	"	2-90	7	
in Stream Chain or Steel Wire	90	4 3/4		65 1/2	✓		90	4 3/4	SW.	Lorrie Sinto Kaisha	makers Certif.	" "						

Surveyor to Lloyd's Register.



WEB FRAMES.				FORGINGS or CASTINGS.				RIVETING.			
<b>WEB-FRAMES, In Fore Body, No. and spacing</b> brdth. & thickness No. of Side Stringers				<b>KEEL, Bar, depth and thickness</b> <b>STEM, moulding and thickness</b> <b>STERN-POST for Rudder do. do.</b> for Propeller <b>RUDDER—A x D</b> Table 22. Speed				<b>RUDDER, how constructed</b> Thickness of <del>Plates</del> 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?			
<b>WEB-FRAMES, In E. &amp; B. Space, No. &amp; spacing</b> brdth. & thickness <b>WEB-FRAMES, In After Body, No. and spacing</b> brdth. & thickness No. of Side Stringers Size of Face Angles to Web-Frames <b>BRACKET PLATES to Stringers between Web Frames, depth and thickness</b>				<b>Cast Steel frame</b> <b>Yes</b> <b>Carnegie Steel Works, Allegheny Steel Co.</b> <b>Worth Bros. Alabi Wood, Yawata Imp. S. Works</b> <b>Kawasaki Steel Works (Stern &amp; Rudder frames)</b> <b>Yes</b>				<b>PLATING.</b> <b>STRAKES.</b> <b>AS IN SHIP.</b> <b>PER RULE OR AS APPROVED.</b> <b>EDGES.</b> <b>BUTTS.</b> <b>IF LAPPED.</b>			
<b>W.T. BULKHEADS.</b> No. Thickness Vessel Per Rule Size Spacing Horizontal Vertical Inches Inches Size Spacing Inches Inches Single or Double Height up state deck				<b>FLAT PLATE KEEL</b> <b>GARBOARD or A Strake</b> State actual thickness in way of Double Bottom. B C D E F G H J K L M N O P Q R S T U V W				<b>THICKNESS OF SHEET PILE</b> <b>CLEAR OF LONG BRIDGE</b> <b>DO. OF STRAKE BELOW</b> <b>DBLG. OF Flat Plate Keel</b> <b>Sheerstrakes</b> <b>Length and thickness.</b> <b>POOP SIDES</b> <b>SHORT BRIDGE SIDES</b> <b>FORECASTLE SIDES</b>			
<b>Awning or Shelter Deck</b> <b>Stringer Plate</b> <b>Upper Deck</b> <b>Stringer Plate</b>				<b>Butts of Side Stringers</b> <b>Tie Plates</b> <b>Inner Bottom Plating, riveting of Edges</b> <b>Centre Girder Butts, riveted.</b> <b>Frames, riveted through Plates with</b> <b>Rivets, state whether Iron or Steel</b>				<b>FRAMES</b> extend in one length from <b>idge</b> to <b>upper &amp; 2nd dls. altern.</b> State if ordinary or joggled <b>REVERSED FRAMES</b> on floors and frames extend from <b>Keel to up dr in A.P.</b> State if ordinary or joggled			
<b>MASTS, SPARS, &amp;c.</b> Material. Total Length At Partners. Holed. Head.				<b>LOWER MASTS</b> Fore Main Mizzen				<b>Topmasts, Yards and Remainder of Spars</b> <b>Rigging, Material and Size, Shrouds</b> <b>Sails.</b>			

EQUIPMENT No. 33190 LETTER 4										ANCHORS.									
<b>Number of Certificate.</b> <b>Anchors.</b> <b>Weight, Ex. Stock</b> <b>Weight of Stock</b> <b>Test, per Certificate.</b> <b>Weight Req. by Table 31.</b> <b>Description of Anchor.</b> <b>Makers.</b> <b>Where and when tested and Superintendent.</b>										<b>Number of Certificate.</b> <b>Length and Size supplied.</b> <b>Test per Certificate.</b> <b>Weight of Chain Cable.</b> <b>Fathoms and Size per Table 31.</b> <b>Description.</b> <b>Makers of Cables.</b> <b>Where and when tested, and Superintendent.</b> <b>Material.</b> <b>Length and Size supplied.</b> <b>Test of Steel Wire.</b> <b>Breaking Test of Steel Wire.</b> <b>Fathoms and Size per Table 31.</b>									
<b>Particulars of Drop Test of Cast Steel Anchors, viz.:</b> <b>Weight, Surveyor's Initials,</b> <b>Number of Certificate, Date of Test.</b>										<b>CHAIN CABLES.</b> <b>HAWERS AND WARPS.</b>									
<b>Boats 2 Life 28'0" x 8'6" x 3'7"</b> <b>Pumps, Number 2</b> <b>Windlass is</b> <b>Engine Room Skylights—How constructed?</b> <b>Coal Bunker Openings—How constructed?</b> <b>Number of Scuppers, and numbers and dimensions of Freeing Ports, &amp;c.</b> <b>Ceiling in Holds, thickness and material.</b> <b>Cargo Hatchways—How formed?</b> <b>State size No. 1 Hatch (Forward)</b> <b>Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch</b> <b>Bulwarks, height above deck and description.</b> <b>The foregoing is a correct description.</b> <b>Builder's Signature</b>										<b>Steering Gear, Steam By Builders</b> <b>Steering Gear, Hand By Builders</b> <b>What arrangements for deadlights in bad weather?</b> <b>Height above deck?</b> <b>Open rails except in way centre houses</b> <b>Cargo Battens, thickness and material</b> <b>Hatches, If strong and efficient?</b> <b>No. of Breasthooks</b> <b>No. of Crutches</b> <b>Deep floors.</b> <b>Surveyor's Signature</b> <b>Surveyor to Lloyd's Register of Shipping.</b>									
<b>Correspondence.</b> <b>Workmanship.</b> <b>Is the riveted work properly closed?</b> <b>Are the liners between the frames and plates solid single pieces?</b> <b>Are the rivet holes well and sufficiently countersunk in the plate and punched to plate, &amp;c., conform well to each other?</b> <b>Do any rivets break into or through the seams or butts of the plating?</b> <b>Are the butts of plating, Stringers, &amp;c., properly shifted and strapped?</b> <b>Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?</b> <b>Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?</b> <b>General Remarks (State quality of workmanship, &amp;c.)</b>										<b>Planned</b> <b>Yes</b> <b>Joggled framing</b> <b>Yes</b> <b>Yes</b> <b>Yes</b> <b>This vessel has been built under Special Survey in accordance with the Rules &amp; approved plans, &amp; materials &amp; workmanship are good.</b> <b>Photoprints of Mid. section &amp; of Profile &amp; deck plan are forwarded.</b> <b>Sister vessels reported are the "War Queen" (Rpt. No 2009) "War Prince" (2031) "War Hero" (2101) etc.</b>									
<b>The amount of Entry Fee</b> <b>Special Survey Fee</b> <b>Travelling Expenses, if any</b> <b>State whether the Vessel has been built under Special Survey</b> <b>I am of opinion this Vessel should be Classed</b> <b>With, or without Freeboard, as condition of Class</b>										<b>Fees applied for</b> <b>Received by me</b> <b>Surveyor to Lloyd's Register of Shipping.</b>									
<b>Committee's Minute</b> <b>Character assigned</b>										<b>FRI. 22 MAR. 1918</b> <b>100-AH</b> <b>Swainson Bk. w. fbd.</b> <b>+ L.M.C. 11:17 P.D.</b>									



GENERAL REMARKS—(continued).

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 should appear in the Register Book) 2 Dks (Ste) & Awning dk. (Ste)  
 Official No. 21403; Signal Letters NPSG State if Machinery is fitted aft No  
 How are the surfaces preserved from oxidation? Inside Cement & paint Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>116.9</u>	<u>342</u>	Fore peak tank,		<u>126</u>
Double bottom, under Engines and Boilers,	<u>44.6</u>	<u>182</u>	After peak tank,		<u>93</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>172.1</u>	<u>594</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1118</u>	(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

Order for Special Survey No.

Date

No. 402 in builder's yard.

Dates of Surveys held while building

(May 11, 15 & 24 Stern & mid pm castings) July 19 / Aug 8, 18, 25, 30 / Sep. 18, 22, 25, 28 / Oct 4, 5, 11, 16, 18, 22, 25, 28 / Nov 5, 8, 12, 21, 24, 26 1914.

Total No. of Visits 26

Surveyor's Signature

Arthur H. Jones

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