

With or Without

## STEEL STEAMER.

Received at London Office

28 JUN 1911

## Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel

Date of completion of report

27.6.11

Survey held at

Middlesbrough-on-Sea

Date, First Survey

1st Aug 1910

Last Survey

16th June 1911

On the

Screw steamer "Kinkasan Maru"

Rig

Fore &amp; aft

TONNAGE under

4557.00

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

76.64

Do. of R.C. Deck

11.76

Do. of Bridge House

8.28

Do. of Forecastle

64.57

Do. of Houses on Dk.

79.06

Do. of access of Hatchways

141.37

Do. above Crown of Tank

23

Engine Room

4988.85

Gross Tonnage

96.08

Less Crew Space

4842.77

Less above Crown of Engine Room

1580.43

Less Engine Room

607.65

Less Navigation Spaces

2654.69

Register Tonnage

as cut on Beam

CLASS +100 A1.

FEET.

Master Yengo Swote

Year of appointment

(1) As Master in service of owner of present vessel: 1905

(2) As Master of this vessel: 1911

Built at Middlesbrough-on-Sea

When built 1911 Launched 29.4.11

By whom built Sir R. Biscorn &amp; Co Ltd

Owners Mitsui Bussan Kaisha Ltd

Managers

(Where necessary to be entered in Reg. Book.)

Residence 1 Bungachia Mihonbachi Tokyo

Port belonging to Mitsui

Destined Voyage Japan

Surveyed while Building, Afloat, or in Dry Dock

Yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
380	0		53	3		27	2		13	
Moulded depth, ft. 27 ins. 7 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.										
Moulded depth, ft. 29 ins. 7 1/2 To Upper Dk.										
Dimensions of Ship per Register, Length 380.0 breadth 53.5 depth 27.2										
FRAMING.						PILLARS.				
FRAME, Angles, or E or L Bars amidships						PILLARS, In 'tween Deck, size and spacing				
Do. in peaks						" " Hold				
Do. in way of Double Bottoms at Solid Floors						" Quarter 'tween Dks.,				
" " at intermdt. Bkts.						" " in Hold				
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.				
" " length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above				
" " in peaks						" Rider Plate				
REVERSED FRAME, Angles						" Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors				
" " at intermdt. Bkts.						" Angles or Bulb Angles				
FRAMING, depth of girder						SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles				
" at mid-line for 1/2 length amidships						" Plate above floors, for length				
" in way of Engine and Boiler Spaces						" Intercoastal Plate, for length				
" thickness at the ends of vessel						" Attached to outside Plating with Angle				
" depth at 1/2 the half breadth, as per Rule						BILGE KEELSON, Angles				
" height extended at the Bilges						" Intercoastal Plate for length				
FLOORS & BRACKETS in Cell Dble Bottoms						" Attached to outside Plating with Angle				
" state if flanged (top & bottom)						SIDE STRINGERS, Number				
" Spacing						" Angle				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.						" Intercoastal Plate, for full length				
" Angles, Top						" Attached to outside plating with Angle				
" " Bottom						Upper Deck Stringer Plate, br'dth & thickness				
" to Floors						" (clear of Bridge)				
SIDE GIRDERS, number on each side & thickness						" br'dth & thickness				
" state if flanged (top and bottom)						" (in way of Bridge)				
" Angles (top and bottom)						" Angle (clear of Bridge)				
" to Floors						" Tie Plate at sides of Hatchways				
MARGIN PLATE, depth (exclusive of flange) and thickness						" Deck. * Iron or Steel, for full lng.				
" Angles to Outside Plating						" Thickness (clear of Bridge)				
" Floors						" (in way of Bridge)				
" Height of Brackets above at bilge						" Wood Deck. Material & thicknss				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Second Deck Stringer Plate, br'dth & thickness				
" in Engine and Boiler space						" Angles on ditto, No.				
" Remainder in Holds						" Tie Plates outside Hatchways				
BEAMS, Upper Deck, Single Angle, Bulb						" Deck. * Iron or Steel, for lng.				
" Angle, Plate, Tee Bulb, or Channel						" Wood Deck. Material & thickness				
" Angles on upper edge						Third Deck Stringer Plate, br'dth & thickness				
" In way of Long Bridge						" Angles on ditto, No.				
" Spacing						" Tie Plates, outside Hatchways				
BEAMS, Second Deck, Single Angle, Bulb						" Deck. * Material and thickness				
" Angle, Plate, Tee Bulb, or Channel						Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" Angles on upper edge						" Angles on ditto, No.				
" Spacing						" Tie Plates outside Hatchways				
BEAMS, Third and Fourth Deck, Single Angle, Bulb						" Deck. Material & thickness				
" Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness				
" Angles on upper edge						" Angle on ditto				
" Spacing						" Tie Plates				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck. Material and thickness				
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness				
" Spacing						" Angle on ditto				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates				
" Angles on upper edge						" Deck. Material and thickness				
" Spacing						Forecastle Deck Stringer Plate, br'dth & th'kns				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto				
" Angles on upper edge						" Tie Plates				
" Spacing						" Deck. Material and thickness				

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



STRAKES.	PLATING.								PER RULE OR AS APPROVED.				EDGES,				RIVETING.							
	AS IN SHIP.												BUTTS.											
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breath of Lap.		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Inches.	Diam.	Spacing cr. to cr.	Inches.	Diam.	Spacing cr. to cr.	Inches.	Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.			
FLAT PLATE KEEL..... (If Bar Keel, state Riveting.)	47	.98	.7	.7	47	.98	Double	6	1	4	2nd. 2nd.	1	4					17-14	Full					
GARBOARD OF A Strake	72	.72	.46	.54	72		"	5 1/4	1 7/8	3 1/2	2nd. 2nd.	7/8	3 1/2					14, 10 1/2	9					
State actual thickness in way of Double Bottom.	B	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
C	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
D	"	"	.54	.62	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
E	59	"	.46	.54	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
F	72	.68	.44	.48		.68	"	"	"	3 3/4	"	"	"	"	"	"	"	12	9	"				
G	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
H	"	"	"	.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
I	"	.62	"	"		.62	"	"	"	"	4 3/4	"	"	"	"	"	"	"	"	"				
At Star	66	"	"	"	66	"	"	"	"	"	"	"	"	"	"	"	"	14, 12, 10 1/2	9	"				
L	4 1/2	"	"	"		"	"	"	"	"	"	"	"	"	"	"	"	12	"	"				
At Bridge	59 1/2	.68	"	"		.68	"	"	"	"	"	"	"	"	"	"	"	"	"	"				
M																								
N																								
O																								
P																								
Q																								
R																								
S																								
T																								
U																								
V																								
W																								
THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW BDLG. OF FLAT PLATE KEEL			.82	.82																				
" Sheerstrakes } Length and thickness. }			.68	.68																				
POOP SIDES .....				.38																				
SHORT BRIDGE SIDES ...																								
FORECASTLE SIDES .....			.4																					

Write "Bridge Star Strake" and "Upper Deck Sheerstrake" opposite the corresponding letter.

Upper Deck Stringer Plate	Butts, 2-4 riveted for full length amidship.	Butts of Side Stringers	2 ribb riveted.
	Straps, single, double or overlapped for length amidship.	" Tie Plates	✓ riveted.
Second Deck Stringer Plate	Butts, ✓ riveted for ✓ length amidship.	Inner Bottom Plating, riveting of Edges	2nd double Rib Butts 2nd to double
	Straps, single or overlapped for ✓ length amidship.	Centre Girder Butts, 2 ribb riveted	Keelson Butts, ✓ riveted.
		Frames, riveted through Plates with 1" 7/8 in. Rivets, about 8" dia. apart.	
		Rivets, state whether Iron or Steel	Iron

FRAMES extend in one length from *center divider to margin, then to D. G. frame, & then to top inside tank* State if ordinary or joggled *joggled in tanks only*  
 REVERSED FRAMES on floors and frames extend from *center girder to margin* State if ordinary or joggled *joggled*

# MASTS, SPARS, &c.

	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore .....	78' 8"	2 1/2" x 3 1/2"	2 1/2" x 3"	1 7/8" x 2 1/2"	2"	200	2 1/2"	5 1/2" x 3 1/2"	Single	Butts. 1/2" x 1/2"
	Main .....	70 - 9	" " "	" " "	" " "	"	"	"	"	"	" " "
	Mizen.....										
Bowsprit.....											
Topmasts, Yards and Remainder of Spars.....											
Rigging, Material and Size, Shrouds..... Stays.....											
Sails..... Suit of..... Sails, and the following spare sails.....											

Form No. 11

EQUIPMENT No. <i>32885-7</i>		LETTER <i>y</i>		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS <i>✓</i>	
Number of Certificate.	Anchor.	WEIGHT, EST. <i>Stockless</i>	WEIGHT OF <i>Head</i>	TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.
		cwts. qrs. lbs.	cwts. qrs. lbs.	Tons. cwts. qrs. lbs.	cwts. qrs. lbs.		Makers.
<i>14225</i>	1st Bower ...	<i>78 3 14</i>	<i>53 2 14</i>	<i>58 2 2 0</i>	<i>60 0 0</i>	<i>Byron Stockless</i>	<i>P. M. D. Boydell</i>
<i>14226</i>	2nd " ...	<i>78 1 14</i>	<i>53 2 14</i>	<i>57 17 2 0</i>	<i>60 0 0</i>	"	"
<i>14145</i>	3rd " ...	<i>57 1 0</i>	<i>31 3 0</i>	<i>43 3 0 14</i>	<i>58 2 0</i>	"	"
	4th " ...					"	"
	Collective weight	<i>208 2 0</i>	<i>208</i>		<i>170 2 0</i>		
<i>14050</i>	Stream .....	<i>16 2 7</i>	<i>4 1 14</i>	<i>7 18 1 21</i>	<i>16 1 0</i>	<i>Rodgers</i>	<i>J. Taylor &amp; Son</i>
<i>14077</i>	Kedge .....	<i>7 0 7</i>	<i>1 3 7</i>	<i>9 7 0 21</i>	<i>7 0 0</i>	"	"

If Patent date Name of Patentee.

*10-4-11* *H. Haffner*  
*20-8-11* " "

If Stockless state Mechanical Trade.

MECHANICAL TEST CERTIFICATE										CHAIN CABLES.										HAWSEYS 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 Superintending.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and size per Table 31.											
Length.	Diam.	Fathoms.	Inch.	Stems.	Tons.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Inch.	Fathoms.	Inch.	Tons.	Inch.	Fathoms.	Inch.								
5042	270	2 1/4	9 1/8	10 1/2	687-3-2	645-3-0	270	2 1/4	3 1/2	Old Link	2 Dwyer & Co	Feb. 11. 2. 11.	2 Haffner	TOWLINE	120	4 1/4	47	130	4 1/4										
														HAWSEYS & WARPS	2490	8	2490	8											
														" "	2490	7	2490	7											
Iron - (Garnet) Chain - 22 Steel Wire	90	4 1/4	47					90	4 1/4	5 1/2	Blakely & Brown	Feb. 2. 11	2 Makers	" "	4490	2 1/2	12 1/2												

Boats *Two life 24' & two jolly 18'* Steering Gear, Steam *J. Hawksley* Steering Gear, Hand *R. Brown & Co.*  
Pumps, Number *One bowdon & one fore Peak* Diameter of Barrel *5", 4"* State whether they are in efficient working order *Yes*  
Windlass is *Emerson Walker & Thompson Steam* Capstan *11 Sham Minchin*  
Engine Room Skylights.—How constructed? *Steel Plate & angles* What arrangements for deadlights in bad weather? *Bulbeyes*  
Coal Bunker Openings.—How constructed? *Steel Plate & angles* How are lids secured? *Battens & Sops.* Height above deck? *18"*  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 Scuppers & 8 Ports 3' x 2' 6" each with*  
Ceiling in Holds, thickness and material *2 1/2" MR.* Cargo Battens, thickness and material *2" MR.*  
Cargo Hatchways.—How formed? *Steel Plate & angles* Hatches, If strong and efficient? *Yes*  
State size No. 1 Hatch (Forward) *31' 6" x 32' 22' 9"* No. 2 Hatch *32' 9" x 32'* No. 3 Hatch *15' x 32'* No. 4 Hatch *32' 10" x 32' 10" & 33' 3" x 33'*  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *Web Plates:—2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th*  
No. of Breasthooks *6* No. of Crutches *As per Plan*  
Bulwarks, height above deck and description *4' 7" 3/4 Steel Plate* Main Rail, material and size *5 1/2" x 3 x 35 J*  
The foregoing is a correct description. *W. H. Baker* Surveyor's Signature *W. H. Baker* Surveyor to Lloyd's Register of British and Foreign Shipping.  
Builder's Signature (here only) *W. H. Baker*

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

23<sup>rd</sup> 26<sup>th</sup> July: 19 Aug: 7<sup>th</sup> 8<sup>th</sup> 12<sup>th</sup> 13<sup>th</sup> 14<sup>th</sup> 15<sup>th</sup> 30<sup>th</sup> Sep: 1<sup>st</sup> 3<sup>rd</sup> 22<sup>nd</sup> 26<sup>th</sup> Oct: 5<sup>th</sup> 9<sup>th</sup> Nov 1910. 24<sup>th</sup> 26<sup>th</sup> 14<sup>th</sup> Mar: 9<sup>th</sup> June 1911

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

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched 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)? *✓* State results of tests *✓*

**General Remarks** (State quality of workmanship, &c.) *Good*

This vessel has been built in accordance with the approved plans, the Secy. letters of above dates and in general conformity with the Rules for the class contemplated. The tunnel has been tested by hose and found satisfactory. Hand and steam steering gear are fitted & have been tried & found efficient. Bilge keels have been fitted for about 150', composed of a 6"x4"x-1/4" tubes & 9"x4" thick plates. With reference to the short length of rubber pipe on the wing tank line of pumping on Secy letter 9.6.11, lead pipe has been placed on board to replace same, & it is understood this will be done on the vessels arrival at Japan.

Heinrich plans & one forging report are forwarded herewith. The third section has been forwarded for preparation of certificate.

*The Surveyor should state the Number of Report and Name of any Sister Vessel*

The amount of Entry Fee ..... £ 5 : 0 : 0  
Special Survey Fee ..... £ 146 : 1 : 6  
Travelling Expenses, if any £ : :  
Fees applied for, 1911  
Received by me, 12.6.1911  
Certificate to be sent to Lloyd's Register of Shipping, Date of issue 2.6.1911  
State whether the Vessel has been built under Special Survey  
I am of opinion this Vessel should be Classed  
With, or without Freeboard, as condition of Class  
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Character assigned

FRI. 30 JUN 1911  
10001  
subject  
Lloyd asb P  
+ Lmb. 611  
Miss ofka.  
JUN 4 1911  
as now  
without sfl restriction  
© 1911  
Lloyd's Reg  
Standards



## GENERAL REMARKS—(continued).



**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 38.25 ft., R.Q.D. ☒ ft., Bridge 111.0 ft., Forecastle 38.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated 25

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) 1 SK (OK) Cantilever framing 2opside tanks.  
 Official No. \_\_\_\_\_; Signal Letters all State if Machinery is fitted aft 20.  
 How are the surfaces preserved from oxidation? Inside Paint & cement Outside Paint

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors Cell. 173

Where Fitted.	*Length.		Where Fitted.	*Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<u>126</u>	<u>382</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>✓</u>	<u>✓</u>	After peak tank, <u>to Poop bulk</u>	<u>16</u>	<u>227</u>
Double bottom, if under Engines only,	<u>24</u>	<u>94</u>	Deep tank, aft,	<u>✓</u>	<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,	<u>✓</u>	<u>✓</u>
Double bottom, forward,	<u>167.25</u>	<u>566</u>	Other tanks, if fitted, <u>2opside tanks</u>	<u>315.75</u>	<u>1252</u>
Total capacity of double bottom		<u>1042</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. 869

Date

19th July 1910

No. 559 in builder's yard.

DATES of Surveys held while building

1910. Aug. 1. 10. 11. 23. 29. 30. Sept. 1. 7. 9. 14. 17. 21. Dec. 20. 29. 1911. Jan. 11. 17. 19. 24. 26. 31. Feb. 7. 10. 21. Mar. 8. 10. 14. 21. 28. Apr. 3. 4. 5. 6. 12. 19. 21. 25. 27. 28. May 4. 18. 22. 28. 31. 26. 29. 31. June 1. 2. 3. 7. 8. 9. 26.

Surveyor's Signature

D. G. Baker

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Total No. of Visits 56

Lloyd's Register Foundation