

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office JAN. 1911

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

Date of completion of report  
Survey held at

Port of

Date, First Survey

Last Survey

No.

On the (State if Single, Twin, or Triple Screw)

TONNAGE under  
Tonnage Deck

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

Do. of Poop

Do. of R.Q.Dk.

Bridge House

Forecastle

Decks on Dk.

Decks of Hatchways

Crown of

Room

Space

Crown of

Room

FOR FEES

Room

ation Spaces

Tonnage

on Deck

Rule

ons of Ship per Register

Length

breadth

depth

FRAMING.

E. Angles, or E. or E. Beam

in peaks

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

of Frames from centre to centre amidships

" length to Collision bulkhead

" in peak

USED FRAME, Angles

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

NG. depth of girder

S. depth and thickness of Floor Plate

at mid-line for length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

depth at the half-breadth, as per Rule

eight extended at the Bilges

S in Cell. Double Bottoms

state if flanged (top & bottom)

Spacing of Solid floors

in Dbl. bottom, dpth. & thickness

" Angles, Top

" " Bottom

" " to Floors

Brackets at intermdt. frmg., width & thickness

ORDERS, number on each side & thickness

state if flanged (top and bottom)

" Angles (top and bottom)

" " to Floors

PLATE, depth (exclusive of flange)

and thickness

" Angle to Outside Plating

" " Floors

Brackets at intermdt. frmg., width & thickness

Height of Outside Brackets above at bilge

BOTTOM PLATING, breadth and

thickness of Middle Line Strake

" in Engine and Boiler space

Remainder in Holds

Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

Spacing

Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

Spacing

Third and Fourth Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

Poop Deck, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate, Tee Bulb, or Channel

Angles on upper edge

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[illegible]

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.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.	LBS.	CWTS.	LBS.	Tons.	cwts.	qrs.	lbs.			CWTS.	qrs.	lbs.	
F1(92)	1st Bower ...	38	1 11			34	14 2	21	35	2 0	Hall's patent	Nobe S.H.W.R.s	Jt. Raji Kyoka Cst.		
A1(90)	2nd " ...	37	0 22			33	18 3	0	35	1 0	do	"	"		
F1(89)	3rd " ...	33	2 20			31	6 3	14	30	1 0	do	"	"		
	4th " ...														
	Collective weight,	109	0 35						101	0 0					
	Stream .....	13	0 8						9	1 0	Ankurach, type	Nobe S.H.W.R.s	Jt. Raji Kyoka Cst.		
	Kedge .....	6	2 2						4	3 0	do	do	"		

  

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.				Drop test 1 <sup>st</sup> July 1916 Bend 11/7/16 Jt. Raji Kyoka Cst. " " 20 May 1916 " 20/5/16 " " " " 26 June 1916 " 17/7/16 " "			
1st Bower							
2nd "							
3rd "							
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.		Supplied.	Per Rule.						Length.	Diam.			Length.	Ins.	Length.	Ins.	
533	242 $\frac{3}{4}$	1 $\frac{3}{4}$	55 $\frac{1}{2}$	385-1-7	370-1-22	240	1 $\frac{3}{4}$	Slud Line	Oake Cham who	Nobe 24-8-18 #1 BR. cast	X do	TOWLINE	90	3 $\frac{1}{2}$	26	90	3 $\frac{1}{2}$		
								S.W.	Lokio Seiko	Madsen Cst		HAWSESWARFS	2-90	6	manila	2-90	6		

**Boats Life.** 24'-0" x 3'-3" x 7'-3". 1 Tonnes 20'-0" x 6'-6". Steering Gear, Steam By Builders Steering Gear, Hand By Builders  
**Pumps, Number** One Down to take holds & h.p. 2" 5" Diameter of Barrel 5 $\frac{1}{2}$ ". State whether they are in efficient working order Yes  
**Windlass is** By Builders. Y Capstan drums  
**Engine Room Skylights.** How constructed? Plates & angles What arrangements for deadlights in bad weather? Glass in steel frame.  
**Coal Bunker Openings.** How constructed? Plates angled How are lids secured? Hatch boards Height above deck? 15"  
**Number of Scuppers,** and numbers and dimensions of Freeing Ports, &c. 6 Scup.a side. Y F.P.a side 2'-6" x 1'-6"  
**Ceiling in Holds,** thickness and material 2 $\frac{1}{2}$ " pine Cargo Battens, thickness and material 6" x 2" pine.  
**Cargo Hatchways.** How formed? Plates angled Hatches, if strong and efficient? Yes  
**State size No. 1 Hatch (Forward)** 24'-0" x 15'-0" **No. 2 Hatch** 24'-0" x 15'-0" **No. 3 Hatch** 24'-0" x 15'-0" **No. 4 Hatch** 24'-0" x 15'-0"  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch 2 webs & 3 f.r.a. each h.wy.  
**No. of Breasthooks** 5 with ans. **No. of Crutches** Deep floors  
**Bulwarks,** height above deck and description 3'-6" x 30 plate 6"-40 Bulk stop Main Rail, material and size 4" x 3" Pl. BA.  
The foregoing is a correct description.  
Builder's Signature (three only) Fujinagata Dock Yard. Surveyor's Signature Arthur L Jones  
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)  
n. 31<sup>st</sup> Oct 1916 re scales res. Hagland Nobe Tel. 10/12/17 Reply 14/12/17 MWH/12/17 M 19/12/17 M 19/12/18

**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 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 facing surfaces? Yes Do any rivets break into or through the seams or butts of the plating? No  
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.)  
This is a sister vessel to the S.S. "Hagland" (Rpt No 1957) Yoro Maru (Rpt. No 2246) Sachi Maru (Rpt No. 2315) & Yoro Maru No 2 (Rpt. No. 2306). The last named & the present vessel having the addition of a 2<sup>nd</sup> deck forward & framing modified accordingly. The request for classification was made in May when the plating has been commenced but the vessel had been inspected on previous dates as named below. The materials & workmanship have been found good & the scantlings & riveting in accordance with the Rules & approved plans.

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.

Fees applied for,		Certificate to be sent to	Date of issue
The amount of Entry Fee ..... £/s. : 50:	12 Sep 1918		
Special Survey Fee.... £/s. : 1200:	Received by me,		
Travelling Expenses, if any £/s. : 20	14 Sep 1918		

State whether the Vessel has been built under Special Survey Yes from commencement of plating.  
I am of opinion this Vessel should be Classed (+) 100 A(I)  
With, or without Freeboard, as condition of Class Without  
Committee's Minute  
Character assigned  
TUE. 7-JAN. 1919  
Good  
Arthur L Jones  
Surveyor to Lloyd's Register of Shipping.

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Date of writing

No. in Series  
Reg. Book.

Master

Engines made

Boilers made

Registered

Nom. Horse

## ENGINES

Dia. of Cylinders

Is the screw

in the proper

between the b

liners are fitted

Dia. of Tunnel

collars 10 1/2

No. of Feed pipes

No. of Bilge pipes

No. of Donkey

In Engine Room

No. of Bilge Injections

Are all the bilge s

Are all connections

Are they fixed su

Are they each fitted

What pipes are

Are all Pipes, C

Are the Bilge Su

Is the Screw Sha

## BOILERS, &amp;

Total Heating S

Working Pressu

Can each boiler be

each boiler 1/2

Smallest distance bet

Thickness 1 1/8

long. seams 1/2

Per centages of stre

Size of compensating

Length of plain par

Working pressure of

Pitch of stays to d

Material of stays S

Material Steel I

Area at smallest p

Thickness 3/4

Diameter of tubes 3

Pitch across wide

Thickness of girder a

Working pressure by

Diameter 3 1/4

Pitch of rivets 3 1/4

PERHEATE

Date of Test

Diameter of Safety Val

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16 ft., R.Q.D. ft., Bridge 60 ft., Forecastle 34 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) One deck (steel) + 2nd deck forward (steel)

Official No. ; Signal Letters QBNI

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,	86	151.6	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	20	52.5	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	112	250.6	Other tanks, if fitted,		
		Total capacity of double bottom 454.7	(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. 27 in builder's yard.

DATES of Surveys held while building

25 Jan. Hull & Cen girder seen laid. Not intended for class. Seen also in frame  
19 & 26 March. Request for class made in May, when part plated  
22 May. 10 13 June 3 12 27 30 July. 16 22 Aug. 2 Sept 1918

Total No. of Visits

Surveyor's Signature

Arthur L. Jones

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