

With or Without Disconnected Erections.

STEEL STEAMER.

TUE 22 FEB. 1921
Received at London Office

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

Date of completion of report **Jan 7th 1921**
Survey held at **URAGA**

Port of **YOKOHAMA**
Date, First Survey **April 16th**

Last Survey **DEC. 13th 1920**
No. **2755**

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

SINGLE SCREW "LUSHAN MARU."

Rig **SCHOONER.**

TONNAGE under 1986 '29

CLASS **+100 A.I.**

FEET.

Master **SEIZO KUSAKARI**

Do. between Tonnage Dk. **INCL. PEAKS**

Breadth (greatest moulded) **42.5**

FEET.

Year of appointment **(1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—DEC 1920**

Total under Upper Dk. **1986.29**

Depth, at middle of length from top of keel to top of upper deck beams at side **23.0**

FEET.

Built at **URAGA**

Do. of Poop **71.85**

Transverse Number **65.5**

FEET.

When built **12-1920**

Launched **6-10-20**

Do. of Bridge House **238.92**

Length on deck from fore part of stem to after part of stern post **284.5**

FEET.

By whom built **URAGA DOCK CO LTD**

Do. of Forecastle **54.25**

Longitudinal Number **18634.75**

FEET.

Owners **NISSHIN, KISEN, KABUSHIKI, KAISHA.**

Do. of Houses on Dk. **121.73**

Depth "d," at middle of length (See Secs. 2 & 13) **11.75**

FEET.

Managers

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

Do. of excess of Hatchways **45.44**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **12.37**

FEET.

Residence **1, 1 CHOME, YURAKUCHO, KOJIMACHI**

Do. above Crown of Engine Room **31.12**

" " Long Bridge Deck Beam at side to top of keel **9.33**

FEET.

Port belonging to **TOKYO**

Gross Tonnage **2549.60**

Destined Voyage **HONG-KONG.**

If Surveyed while Building, Afloat, or in Dry Dock **BUILDING**

Less Crew Space **160.06**

Less above Crown of Engine Room **41.17**

Less Navigation Spaces **14.05**

TONNAGE FOR FEES **1518.45**

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
Plate	284	6	Moulded	42	6 1/2	Top of Floors to top of Upper Dk. Beams	20	8 1/2	2
			At			Do. do. do. Second Dk. Beams	12	8 3/4	2
of Ship per Register, Length 284.5 breadth 42.54 depth 23.08 Moulded depth, ft. 30 ins. 7 To Bridge Dk. Round of Upper Dk. Beam, Actual 10 3/4 ins.									
Moulded depth, ft. 23 ins. 1 To Upper Dk.									
FRAMING.			Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
Angles, or Bars amidships	8	3 1/2	45	7	3	42	PILLARS.		
Peaks	6	3 1/2	38	5	3	38	PILLARS In 'tween Deck, size and spacing		
Way of Double Bottoms at Solid Floors	5	3 1/2	38	5	3 1/2	38 L	" " Hold 77		
" at intermdt. Bkts.	5	3 1/2	38	5	3 1/2	38 L	" " Quarter 'tween Dks. in Hold		
Frames from centre to centre amidships	24			24			" " in Hold		
" " from 1/2	24			24			KEELSONS & STRINGERS.		
" " length to Collision bulkhead	24			24			CENTRE LINE KEELSON, Vertical Plate above		
" " in peaks	24			24			floors, Through Plate, or Intercostal Plate		
ED FRAME, Angles in Fore & Aft Peak	3	3	32	3	3	32 L	" Rider Plate		
Way of Double Bottoms at Solid Floors	5 1/2	5 1/2	34	3 1/2	3 1/2	34 L	" Flat Plate Keel Angles		
" at intermdt. Bkts.	5 1/2	5 1/2	34	3 1/2	3 1/2	34 L	" Horizontal Plates on Floors		
G, depth of girder	8			7			" Angles or Bulb Angles		
depth and thickness of Floor Plate							SIDE KEELSONS, Number		
Way of Engine and Boiler Spaces							" Angles or Bulb Angles		
Thickness at the ends of vessel							" Plate above floors, for length		
th at 1/2 the half breadth, as per Rule							" Intercostal Plate, for length		
ght extended at the Bilges							" Attached to outside Plating with Angle		
in Cell. Double Bottoms	34	BR. 44		34	BR. 44		BILGE KEELSON, Angles		
state if flanged (top & bottom)							" Intercostal Plate for length		
Spacing of Solid floors							" Attached to outside Plating with Angle		
GIRDER, in Dbl. bottom, dpth. & thcknss.	37 x 46	BR. 50		37 x 46	BR. 50		SIDE STRINGERS, Number		
" Angles, Top	3 1/2 x 3 1/2	44		3 1/2 x 3 1/2	44		" Angle		
" " Bottom	4 x 4	54		4 x 4	54		" Intercostal Plate, for length		
" " to Floors	5 x 5	44		5 x 5	44		" Attached to outside plating with Angle		
Brackets at intermdt. frmg., wdth & thcknss	24 x 34	BR. 44		24 x 34	BR. 44		Upper Deck Stringer Plate, br'dth & thickness		
RDERS, number on each side & thickness	TWO 34	BR. 44		TWO 34	BR. 44		" " " " (clear of Bridge)		
" state if flanged (top and bottom)	TOP ONLY EXCEPT ER			TOP ONLY EXCEPT ER			" " " " (br'dth & thickness)		
" Angles (top and bottom)	3 1/2	3 1/2	34	3 1/2	3 1/2	34	" " " " (in way of Bridge)		
" " to Floors	3	3	34	3	3	34	" " " " Angle (clear of Bridge)		
PLATE, depth (exclusive of flange)	33 x 40	BR. 50		33 x 40	BR. 50		" " " " Tie Plate at sides of Hatchways		
" and thickness	6	3 1/2	40	6	3 1/2	40	" Deck * Iron or Steel, for FULL lng.		
" Angle to Outside Plating							" " " " Thickness (clear of Bridge)		
" " Floors	STRAIGHT			ACROSS			" " " " (in way of Bridge)		
Brackets at intermdt. frmg., wdth & thcknss	48 x 34	BR. 44		48 x 34	BR. 44		" Wood Deck, Material & thickness FULL Lng.		
Height of Outside Brackets above at bilge	33			33			Second Deck Stringer Plate, br'dth & thickness		
BOTTOM PLATING, breadth and thickness of Middle Line Strake	37 x 44	BR. 52		37 x 44	BR. 52		" Angles on ditto, No. TWO		
" in Engine and Boiler space	ER. 44	BR. 52		ER. 44	BR. 52		" Tie Plates outside Hatchways		
" Remainder in Holds	36			36			" Deck * Material and thickness		
Upper Deck, Single Angle, Bulb	8 7 1/2	3 1/2	50	8 7 1/2	3 1/2	50	" " " " (breadth & thickness)		
Angle, Plate, Tee Bulb, or Channel							" " " " Angles on ditto, No.		
In way of Long Bridge							" " " " Tie Plates outside Hatchways		
Spacing	ALTERNATE			FRAMES			" " " " Deck, Material & thickness		
Second Deck, Single Angle, Bulb	7 1/2	3 1/2	42	7 1/2	3 1/2	42	" " " " Poop Deck Stringer Plate, breadth & thickness		
Angle, Plate, Tee Bulb, or Channel							" Angle on ditto		
Spacing	EVERY			FRAMES			" Tie Plates		
Third and Fourth Deck, Single Angle, Bulb	7 3/2	3 1/2	40	7 3/2	3 1/2	40	" Deck, Material and thickness STEEL WOOD SHEATHED 3" O.P. Do		
Bulb Angle, Plate, Tee Bulb, or Channel							" Bridge Deck Stringer Plate, br'dth & thickness		
Angles on upper edge							" Angle on ditto		
Spacing	NONE			NONE			" Tie Plates		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	50	8	3	42	" Deck, Material and thickness STEEL WOOD SHEATHED 2 1/2" O.P.		
" Angles on upper edge							" Forecastle Deck Stringer Plate, br'dth & th'kns		
Spacing	ALTERNATE			FRAMES			" Angle on ditto		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	48	8	3	42	" Tie Plates		
" Angles on upper edge							" Deck, Material and thickness STEEL WOOD SHEATHED 3" O.P.		
Spacing	NONE			NONE					

Form No. 1A.

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

WEB FRAMES.				FORGINGS OR CASTINGS.			
		Inches in Ship.	Inches in Rule.			Inches in Ship.	Inches in Rule.
WEB-FRAMES, In Fore Body, No. and spacing		1 OFF AT 18" IN 18" SPACES	DO	KEEL, Bar, depth and thickness		FLAT PLATE	KEEL
" " " " " " " " " " " "		18" x 34" 3 OFF	DO	STEM, moulding and thickness		FORGE ST.	9 x 2 1/2
WEB-FRAMES, In E. & B. Space, No. and spacing		2 OFF, 5 SPACES	DO	STERN-POST for Rudder do. do.		C.S.	8 x 5 1/2
" " " " " " " " " " " "		1-14" x 14" FR. 67	DO	" " " " " " " " " " " "		C.S.	9 x 5 1/2
WEB-FRAMES, In After Body, No. and spacing		1 OFF AT 18" IN 18" SPACES	DO	RUDDER-A x D* Table 22. Speed		12 KNOTS	287.9
" " " " " " " " " " " "		14 x 34	DO	" " " " " " " " " " " "		8"	8"
" " " " " " " " " " " "		NONE	NONE	" " " " " " " " " " " "		6"	6"
Size of Face Angles to Web-Frames		6 x 3/4 x 1/2	6 x 3/4 x 1/2	RUDDER, how constructed			
BRACKET PLATES to Stringers between		10" x 38" ON EVERY BULB FR.		FORGED STEEL PLATES SHUNK & KEVED ON STOCK & RIVETED TO PLATE WITH 12 RIVETS			
Web Frames, depth and thickness		ONE WEB FRAME IN DEEP TANK WAS APPROVED		" " " " " " " " " " " "			
BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	
W.T. BULKHEADS		FR. 73	44-26 7/8 x 3 x 2 1/2 A. 27 1/2-33	SINGLE U.D.K.			
DEEP TANK		51	38-26 7/8 x 3 x 2 1/2 A. 31-38				
ART PEAK		7	38-26 7/8 x 3 x 2 1/2 A. 31-38				
" COLLISION "		134	42-25 1/2 x 3 1/2 A. 24-24	SINGLE U.D.K.			
PARTITION		132	3/16 x 3 1/2 x 30 SINGLE	24		2ND D.K.	
LONGITUDINAL			3/16 x 6 1/2 x 3 1/2 x 32 ANG. 24			U.D.K.	
Are the outside Plates doubled two spaces of Frames in length?		BRACKETS FITTED					
Are the Chain Valves and Watertight Doors in efficient working order?		YES					
PLATING.				RIVETING.			
STRAKES.		AS IN SHIP.		PER RULE OR AS APPROVED.		EDGES.	
						Ordinary or Joggled?	
						ORDINARY.	
						BUTTS.	
						Double or Treble and for what Length.	
						RIVETS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	
						BUTTS.	
						Diam.	
						Spacing or to cr.	

GENERAL REMARKS—(continued).

SPECIAL FRAMING FORM^D OF $\frac{3}{5}$ TH LENGTH BETWEEN BULB FRAMES $3 \times 3 \times 32$ " ANGLE EXTEND TO 2ND DECK.
 $3 \times 1\frac{1}{2}$ " HALF ROUND CHAFING STRIPS FITTED ON SHELL, STRAKE EDGES FORM^D AND
SECURED BY COUNTERSUNK TAP BOLTS SCREWED THRO' SHELL PLATING & NUTTED INSIDE.
ABOVE STIFFENING FITTED AS ICE PROTECTION.

CARGO PORTS THRO' SHIPS SIDE TO 2ND DK. CARGO SPACE & COAL PORTS IN BRIDGE SIDE PLATING 2'-9" x 2'-9"
ON EACH SIDE { 3 COAL PORTS STIFFENED WITH 3½" x 3½" x .50" ANGLE FRAME FITTED AROUND OPENING & ½" DOUBLER 8'-0" LONG ON TOP
3 CARGO " " " " " " " " " " " " " " " "

DESCRIPTION	MARK	MATERIAL	WHERE MADE	MARKS TESTED	DATE	REMARKS
STEM UPPER	U.S.1 $\frac{7}{32}$	F.S.	OSHIMA S.W.	OSHIMA	19-3-20	A.E.
" LOWER	U.L.2 $\frac{8}{32}$	"	"	"	"	A.E.
STERN FRAME	U.F.S. $\frac{6}{40}$	C.S.	"	"	11-5-20	A.E.
TILLER & KEEP	U.T.L. $\frac{5}{57}$	F.S.	"	"	8-6-20	A.E.
RUDDER ARM	U.R.A. $\frac{1}{54}$	"	"	"	"	A.E.
"	U.R.B. $\frac{2}{54}$	"	"	"	"	A.E.
"	U.R.C. $\frac{3}{54}$	"	"	"	"	A.E.
"	U.R.D. $\frac{4}{54}$	"	"	"	"	A.E.
"	U.R.E. $\frac{5}{54}$	"	"	"	"	A.E.
RUDDER HEAD.	U.R.F. $\frac{2}{38}$	"	"	"	7-9-20	A.E.
" MAIN PIECE	U.M.R. $\frac{1}{36}$	"	"	"	10-9-20	N.D.B.
QUADRANT TILLER	U.Q.L. $\frac{2}{38}$	C.S.	"	"	28-9-20	A.E.

FRAMING IN PEAKS DEPTH 5" ANGLE FRG. 5"x3"x.32" EXTEND TO POOP & FOULE DKS. REVERSE FR. ANGLE 3"x3"x.32" EXTEND TO UPPER & FOULE DKS ALTERNATELY IN WAY OF FOULE & TO UPPER DK. IN WAY OF POOP. FRAMES IN FORE PEAK TANK 6"x3"x.38" BA. FLOOR PLATE .34"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.66 ft., R.Q.D. ☒ ft., Bridge 100 ft., Forecastle 35.7
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Not JOINED

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 STEEL DKS, 2 TIERS OF BEAMS (UPPER DK. WOOD SHEATHED)

Official No. 27705; Signal Letters S.D.T.B. State if Machinery is fitted aft AMIDSHIPS.
How are the surfaces preserved from oxidation? Inside DB PEAKS & BILGES, CEMENT; BITUMASTIC PAINT Outside PAINT.

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

PARTICULARS OF WATER BALLAST.—State whether the Ballast is				SALT Water Capacity.			
Where Fitted.		°Length.	Water Capacity.	Where Fitted.		°Length.	Water Capacity.
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft,		Nº 5	66	Fore peak tank,		14.5	38.4
Double bottom, under Engines and Boilers, F.W.		Nº 3	20	After peak tank,		14	15.2
Double bottom, if under Engines only, F.W.		Nº 4	20	Deep tank, aft,		18.	208.0
Double bottom, if under Boilers only,				Deep tank, forward,			20
Double bottom, forward, Nº 1 & 2		124	295.48	Other tanks, if fitted, 2 F.W. TANKS IN TWO OK Aft			
		Total capacity of double bottom	580.03	(If necessary, furnish further information by sketch.)			
						YES	

* 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.

Order for Special Survey No. 22

Date / 12-11-19

No. 175 in builder's yard.

DATES of Surveys
held while building

APR. 16, 29. MAY 7, 11, 13. JUNE 1, 8, 11, 17, 23, 28, 29, 30. JULY 7, 13, 19, 21, 22, 23, 29. AUG. 3, 5, 7, 9, 10, 13, 16. Hicknes
23, 25, 27, 30. SEPT. 3, 9, 14, 16, 17, 20, 21, 22, 24, 27, 28. OCT. 4, 5, 6, 11, 12, 15, 18, 20, 22, 25, 27, 29. NOV. 2, 5, 8, Workin
15, 19, 22, 24, 26, 29. DEC. 1, 3, 6, 7, 8, 9, 10, 13. Diameter

Surveyor's Signature *H. D. Buchanan*

© 2020 Total

Total No. of Visits.

Lloyd's Register Foundation