

winning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 2660.

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

FRI. JUL. 23 1920

of **YOKOHAMA**

Date of completion of Report **1-6-1920**

Received at London Office

vey held at **URAGA**

Date, First Survey **DEC. 8TH**

Last Survey

MAY 15TH

1920

(1) (State if Single, Twin, or Triple Screw)

SINGLE SCREW

"WUGO MARU"

Rig

SCHOONER

GNAGE under

3251.86

CLASS **+ 100 A.I. AWNING DK.**

FEET.

Master **Nikotaro Ishida**

between Tonnage Dk. and

1060.64

Breadth (greatest moulded)

46.0

al under Upper Dk.

2191.23

Depth, at middle of length from top of keel to top of

30.0

of Poop

23.63

beams at side of uppermost Continuous Deck

of R. Qr. Dk.

166.21

Deduct height of 'tween deck when this does not exceed 8ft.

of Bridge House

61.46

Transverse Number

68

of Forecastle

130.25

Length on deck from fore part of stem to after part of

330.0

of excess of Hatchways

28.73

sternpost

above Crown of

3682.86

Longitudinal Number

22440

ss Tonnage

200.28

Depth "d" at middle of length. See Secs. 2 & 13

18.25

above Crown of

28.78

Proportions, Depths to Length, Uppermost Continuous

11.0

Engine Room

1178.52

Deck at side to top of keel

15.35

Navigation Spaces

55.68

Upper Deck at side

15.35

LAST TANKS

25.59

Destined Voyage **EUROPE.**

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

ter Tonnage

2222.79

Length on

330

Breadth

46.0

Length on

330

Breadth

46.0

Depth, Actual

29

Top of Floors to top of Awn. or Shelter Dk. Beams

29

Dimensions of Ship per Register

330

breadth

46.0

depth

29

Moulded depth, ft. **29** ins. **11 1/2**

To Awning or Shelter Dk.

11 1/2

Round up of Uppermost

12 1/2 ins.

Length

330

breadth

46.0

depth

29

Moulded depth, ft. **21** ins. **6**

To Upper Dk.

6

No. of Decks with flat laid

2

No. of Tiers of Beams

2

No. of Tiers of Beams

2

No. of Tiers of Beams

2

No. of Tiers of Beams

2

No. of Tiers of Beams

2

No. of Tiers of Beams

FRAMING.

EXCEPT BRIDGE, INTERM. FRS.

L 5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

5 9 3 1/2 36 5 9 3 1/2 36

Do. in peaks

6 3 3 1/2 36 6 3 3 1/2 36

6 3 3 1/2 36 6 3 3 1/2 36

6 3 3 1/2 36 6 3 3 1/2 36

6 3 3 1/2 36 6 3 3 1/2 36

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Do. in way of Double Bottoms at Solid Floors

3 1/2 3 1/2 36 3 1/2 3 1/2 36

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at intermdt. Bkts.

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acing of Frames from centre to centre amidships

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length to collision bulkhead

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of Frames from centre to centre in peaks

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EVERSED FRAME, Angles.

IN AFT PEAK

3 3 1/2 36 3 3 1/2 36

3 3 1/2 36 3 3 1/2 36

3 3 1/2 36 3 3 1/2 36

3 3 1/2 36 3 3 1/2 36

3 3 1/2 36 3 3 1/2 36

WEB FRAMES. In Fore Body, No. and spacing. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. PLATING. STRAKES. RIVETING. BUTTS. SHEER STRAKES. BRIDGE SHEER. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Awning or Shelter Deck. Stringer Plate. Upper Deck. Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. IN ENG. SPACE & UNDER BOLLER BEARERS. DOUBLE. MASTS, SPARS, &c. Lower Masts. Main. Mizzen. Bowsprit. Topmast, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 25,445-63 LETTER V. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. The foregoing is a correct description. Builder's Signature. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). This vessel has been constructed under special survey according to the Rules and approved plans on amended. The materials and workmanship is good, and eligible in my opinion to have record +100 A.I. 5-20 in Register Book with freeboard. Provisional freeboard 6'11" from top of statutory deck line. Statutory deck line 1'3" above awning deck at side. This vessel has been constructed from plans supplied by Cochrane S.B.B. & known as Contract N° 647. Plans approved New York 3-8-18. Midship section of ship as built, forwarded herewith. 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. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. Fees applied for. Received by me. Certificate to be sent to. Date of issue. 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. Committee's Minute. Character assigned. FRI. 11 FEB. 1921. Character assigned. Lloyd's Register Foundation.

GENERAL REMARKS—(continued).

PARTICULARS OF MAIN FRAMES:-

IN AFT PEAK, 5'3"x34" L. ALL TO POOP DECK REVERSE FRAMES 3'3"x34" UPPER & AWING DKS ALTERNATELY, DEPTH
 " FORE " 6'3"x40" L TO UPPER & FO'LE DKS; ALTERNATELY, INTERM; TWEEN DKS; & ERECTION SIDES FR'S L 5'3"x36"
 HOLDS, 9'3 1/2"x50" L ALL TO AWING DK: IN WAY OF BRIDGE. ELSEWHERE, TO AWING & UPPER DKS, ALTERNATELY & IN WAY OF
 " FO'LE, TO FO'LE & UPPER DKS, ALTERNATELY. INTERM; TWEEN DK; FR'S 5'3 1/2"x36" Ls. ERECTION SIDE FR'S
 " Ls 5'3"x34" & 5'3 1/2"x36" ALTERNATELY. REV. FRAME Ls 5'3 1/2"x44" TO UPPER & FO'LE DKS, ALTERNATELY
 DEPTH OF GIRDER 7 1/2"

DECK BEAMS,

AWING DECK; 6'3"x40" & 8'3"x7 1/2" B.A. ALTERNATELY, 6'3"x7 1/2" & 8'3 1/2"x7 1/2" B.A. ALT. IN WAY OF BRIDGE, 8'3"x 1/2" to 8'3"x7 1/2" B.A.
 ON ALTERNATE FRAMES IN WAY OF POOP & FO'LE.
 UPPER DECK:- 10'3 1/2"x50" B.A. TO ALTERNATE FRAMES, 8'3"x7 1/2" B.A. TO ALTERNATE FR'S IN FORE PEAK & AIR SPACE.
 5 1/2"x3"x34" B.A. TO EVERY FRAME IN AFT PEAK.
 BRIDGE DECK:- 8 1/2"x3"x15 1/2" B.A. TO ALTERNATE FR'S. FO'LE DK:- 8 1/2"x3"x15 1/2" to 8'3"x7 1/2" B.A. ALTERNATE FRAMES.
 POOP DECK:- 8'3"x7 1/2" B.A. TO ALTERNATE FRAMES.

PARTICULARS OF FORGINGS & CASTINGS

DESCRIPTION	MATERIAL	MARK	WHERE & WHEN TESTED	SURVEYOR
STERN FRAME	CAST STEEL	A.S.F. 19 67	OSHIMA 7-10-19	J.S.C.
RUDDER "	" "	U.D.F.	" 19-3-20	A.E.
STEM UPPER & MIDDLE.	FORGED "	AUS&A.L.S.	" 5-11-19	J.S.C.
" LOWER	CAST "	A.L.I.	" 5-8-19	J.S.C.
RUDDER STOCK	FORGED STEEL	U.D.R.	" 19-3-20	A.E.
" QUADRANT	CAST "	U.T.Q.	" 12-3-20.	A.E.
" TILLER	FORGED "	U.T.T.	" 16-3-20	A.E.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16.75 ft., R.Q.D. ☒ ft., Bridge 72.0 ft., Forecastle 39.0 ft.
 (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 as
 should appear in the Register Book) TWO STEEL DECKS, TWO TIERS OF BEAMS, UNSHEATHED.

Official No. 25099 ; Signal Letters M.R.C.G. State if Machinery is fitted aft AMIDSHIPS
 How are the surfaces preserved from oxidation? Inside CEMENT & PAINT. BITUMASTIC UNDER PLATE 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,	96	217	Fore peak tank,	17.25	50
Double bottom, under Engines and Boilers,	40	130	After peak tank,	16.0	31
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	142	369	Other tanks, if fitted, TWO DRINKING WATER TANKS ON AWING DK.		20
Total capacity of double bottom		716	(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.
 ASAHIS. CON. N° 6 & 7.
 Date

No. 169 in builder's yard.

DATES OF SURVEYS
 held while building

DEC. 8, 18, 19. JAN. 7, 16, 20, 23, 29, 30. FEB. 2, 3, 4, 13, 16, 24, 25. MAR. 5, 9, 11, 15, 16, 22, 24.
 APR. 2, 6, 9, 12, 13, 14, 15, 19, 21, 22, 23, 27, 28. MAY. 3, 5, 6, 10, 12, 14, 15

Surveyor's Signature

H.D. Buchanan.

Total No. of Visits 43

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