





0210

EQUIPMENT No. 44026 LETTER C+✓

ANCHORS.

Number of Certificate	Anchor	Weight, Ex. Stock	Weight of Stock	Test, per Certificate	Weight Reg. by Table 31	Description of Anchor	Makers	Where and when tested and Superintendent
770	1st Bower	75 0 15	STOCKLESS	56 5 0 0	77 0 0	HALL'S	KOBE S.W. KOBE	26-8-20 A.W.
755	2nd "	74 3 18	D:	56 5 0 0	D:	D:	D:	7-8-20 A.W.
771	3rd "	74 3 3	D:	56 5 0 0	D:	D:	D:	26-8-20 A.W.
800	Stream	27 3 16	D:	27 0 2 14	22 0 0	D:	D:	12-10-20 A.W.
692	Kedge	10 0 10	3 0 19	12 2 0 21	16 5 0 0	ORDINARY	SUMITOMO S.W. OSAKA	14-20 Yd.

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

Anchor	1st Bower	2nd "	3rd "
43 CWTs.	0 QRS.	24 LBS.	A.W. 770
42 "	2 "	15 "	A.W. 755
43 "	0 "	14 "	A.W. 771

CHAIN CABLES.

Number of Certificate	Length and Size supplied	Test per Certificate	Weight of Chain Cable	Weight Reg. by Table 31	Description	Makers of Cables	Where and when tested, and Superintendent
1006	151, 2 7/8	106 9/16	43 4/3	3 8 1/4	14 300 2 7/8	STUO OSAKA C.W. OSAKA	17-3-20 Yd.
1007	150 3/4	106 9/16	43 4/3	3 8 1/4	14 300 2 7/8	D:	D:

Boats 10 LIFEBOATS. 1 ITEMMA 1 CUTTER. Steering Gear, Steam, EFFICIENT. Steering Gear, Hand, EFFICIENT. Pumps, Number ONE DOWNTON. Diameter of Barrel 5 1/2. State whether they are in efficient working order YES. Windlass is STEAM. EFFICIENT. Capstan STEAM. EFFICIENT. Engine Room Skylights. How constructed? STEEL PTS T ANGLES. What arrangements for deadlights in bad weather? BULLS EYES T SHUTTERS. Coal Bunker Openings. How constructed? FLUSH G-STEEL. How are lids secured? AS PER APPROVED PLAN. Number of Scuppers, 14 SCUPPERS. Ceiling in Holds, thickness and material 2 1/2 JAPANESE PINE. Cargo Battsens, thickness and material 2" SPRUCE. Cargo Hatchways. How formed? STEEL PLATES T ANGLES. Hatches, if strong and efficient? YES. State size No. 1 Hatch (Forward) 20' 3" x 20' 0". No. 2 Hatch 30' 0" x 20' 0". No. 3 Hatch 21' 0" x 20' 0". No. 4 Hatch 30' 0" x 20' 0". Number of Web Plates, 14. No. of Breasthooks FOUR. No. of Crutches DEEP FLOORS.

Bulwarks, height above deck and description OPEN RAIL. Main Rail and stays, material and size. The foregoing is a correct description. Builder's Signature J. Janaka. Surveyor's Signature James Orichton. 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).

Workmanship. Are the butts of plating planed or otherwise fitted? PLANED WHERE PRACTICABLE. Is the riveted work properly closed? YES. Are the liners between the frames and plates solid single pieces? FRAMES JOGGLED. 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 LAPED? 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 Vessel has been built under Special Survey and in accordance with the Rules and approved plans. The workmanship & materials are good. Note the 2.3.6 & 7 double bottom tanks have been tested to the Rule Requirements for carrying fuel oil flash point about 150 F. & found satisfactory. Midship Section of Vessel is built in enclosed hull with wireless installation fitted.

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 ..... YEN. 110 ✓ 25-3-1921. Fees applied for, Special Survey Fee... £ 6 225 Received by me, Travelling Expenses, if any, £ 30 13-9-1921. COST OF CHARGES 26 YES. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed 4100 A-1. SHELTER DK. WITH FREE BOARD. With, or without Freeboard, as condition of Class. Committee's Minute TUE. NOV. 11 1921. Character assigned + 100 A-1. Shelter deck with floor 5' 12" - 6' 5" A+C, + Lin C, 8' 21" 2D, C, 2021.

Write Ka

FORGINGS OR CASTINGS.

KEEL, Bar, depth and thickness KEEL PLATE.

STEM, moulding and thickness ROLLED STEEL 10 1/2 x 2 1/8 D:

STERN-POST for Rudder do. CAST STEEL AS PER APPROVED PLAN.

for Propeller CAST STEEL AS PER APPROVED PLAN.

RUDDER—A x D Table 22: Speed 12 KNOTS 568-81.

Main-Piece, diameter at head 10 1/2 D:

at heel 8 D:

RUDDER, how constructed FORGED ARMS & MAIN PIECE.

Thickness of Single Plate 1-10 ✓

Can the Rudder be unshipped afloat? YES.

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.? OPEN HEARTH PROCESS.

BETHLEHEM STEEL CO. LACKAWANNA STEEL CO.

CAMBRIA, BRIER HILL & MIDVALE STEEL CO.

ASAHO STEEL CO.

Are the outside Plates doubled two spaces of Frames in length? BRACKETS FITTED.

Are the Watertight Doors in efficient working order? YES.

Has the Steel been tested as required by the Rules? YES.

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

ORDINARY OR JOGGLED?

ORDINARY.

DOUBLE OR TROUBLE AND FOR WHAT LENGTH.

RIVETS.

DIAM.

SPACING OR TO CR.

STRAITS.

THICKNESS.

BREADTH.

IF LAPPED.

FOR WHAT LENGTH.

FLAT PLATE KEEL..... 49 1-10 76 76 49 1-10 DOUBLE 6 1/4 1 1/2 1 1/2 QUINT. 2 L 1 1/2 4 20 FULL

GARBOARD OR A STRAKE 65 78 50 50 65 78 " 6 1 4 " 1 4 14 "

State actual thickness in way of Double Bottom.

B 62 78 50 50 62 78 " 6 1 4 " 1 4 " "

C 66 78 50 50 66 78 " 6 1 4 " 1 4 " "

D 65 78 50 50 65 78 " 6 1 4 " 1 4 " "

E 60 78 50 50 60 78 " 6 1 4 " 1 4 " "

F 66 78 50 50 66 78 " 6 1 4 " 1 4 " "

G 65 74 46 46 65 74 " 6 1 4 " 1 4 " "

H 53 76 46 46 53 76 " 6 1 4 " 1 4 " "

J 65 74 46 46 65 74 " 6 1 4 " 1 4 " "

K 66 76 46 46 66 76 " 6 1 4 " 1 4 " "

L 68 74 46 46 68 74 " 6 1 4 " 1 4 " "

M 60 76 46 46 60 76 " 6 1 4 " 1 4 " "

N 49 80 48 48 49 80 " 6 1 4 " 1 4 " "

O 49 86 48 48 49 86 " 6 1 4 " 1 4 " "

SHEER.

THICKNESS OF STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel Sheerstrakes Length and thickness.

POOP SIDES.....

SHORT BRIDGE SIDES.....

FORECASTLE SIDES.....

DOUBLE 3/4 2 1/8 5

NOTE. STRAKES A.B.+C. MAINTAIN THEIR MIDSHIP THICKNESS TO COLLISION BULKHEAD.

FRAMES extend in one length from UPPER TURN OF BILGE to 1st UPPER DKS ALT. + 4' State if ordinary or joggled JOGGLED.

REVERSED FRAMES on floors and frames extend IN AFT PEAK TO UPPER SHELTER DKS ALT. + 4' FROM GEN. GIRDER TO ORDINARY.

MARGIN ON SKELETON FLOORS, FLOORS IN E.R. UNDER BULKHEADERS & IN FORE PEAK.

MASTS, SPARS, &c.

	Material	Total Length	At Partners	Heel	Hoists	Head	No. of Plates in round	ANGLES.	Size	Seams.	RIVETING.	Butts.
LOWER MASTS.....	Fore	STEEL 67-9	24 x 40	24 x 40	18 x 36	17 x 36	2	2	4 x 1/2 x 5	SINGLE	TREE	
	Main	69-0	24 x 40	24 x 40	18 x 36	17 x 36	2					
	Mizen											

Bowsprit

Topmasts, Yards and Remainder of Spars FORE TOPMAST 28' 0" x 17' to 5' DIA. MAIN T.M. 33' 0" x 16' to 5' DIA.

Rigging, Material and Size, Shrouds FORE + MAIN MAST SHROUDS 5 CR. S.W.R. Stays FORE + MAIN STAYS 4 CR. S.W.R. TOPMAST 2 1/2 "

Sails, Suit of Sails, and the following spare sails



FORGINGS + CASTINGS.

DESCRIPTION	MARK	MATERIAL	WHERE MADE	WHERE TESTED	DATE	SURVEYOR
RUDDER HEAD	A.R.T. 5A.	FORGED STEEL	KOBE S.W.	KOBE	17-12-20	R.O.B.
" MAIN PIECE	A.R.P. 3A.	D:	D:	D:	D:	R.O.B.
" ARMS	A.R. 6.7.8.9.10	D:	D:	D:	D:	R.O.B.
STERN FRAME	A.S. 17	CAST STEEL	D:	D:	10-7-20	R.O.B.
SHAFT BRACKET	A.S.B. 2.	D:	D:	D:	29-6-20	R.O.B.

MAIN FRAMING

MAIN FRG.		INTERMEDIATE FRG.	
SPACING	AS IN SHIP	AS APPROVED	AS IN SHIP
ABOVE TUNN. REC.	10 x 3.45 x 3.45 x 4.25	10 x 3 1/2 x 3 1/2 x 4.2	7 x 3 1/2 x 4.25
INTUNN. RECESS	7 x 3 1/2 x 5	7 x 3 1/2 x 5	7 x 3 1/2 x 4.7
ABOVE OIL TANK	10 x 3.45 x 3.45 x 4.25	10 x 3 1/2 x 3 1/2 x 4.2	7 x 3 1/2 x 4.25
IN OIL TANK	9 x 3 1/2 x 5.25	9 x 3 1/2 x 5.2	7 x 3 1/2 x 4.7
REMAINDER	12 x 3.45 x 3.45 x 4.5	12 x 3 1/2 x 3 1/2 x 4.4	7 x 3 1/2 x 4.7
27"	10 x 3 1/2 x 5.75	10 x 3 1/2 x 5.6	7 x 3 1/2 x 7/16
FORE PEAK	8 x 3 1/2 x 4	7 1/2 x 3 1/2 x 4.6	7 x 3 1/2 x 3/8
AFT PEAK	7 x 3 1/2 x 3/8	6 1/2 x 3 1/2 x 4	
BOSS FRAME	7 x 3 1/2 x 3/8	6 1/2 x 3 1/2 x 4	
REV. FRAME ON	3 1/2 x 3 x 3/8	3 x 3 1/2 x 4	
AFT PEAK FRG.	FORMING 7 GIRDER FORMING 6 1/2 GIRDER		

PILLARS.

AS ON SHIP	AS APPROVED
SHELTER DK. 6 1/2 x 4 7 1/2 x 4 8 x 4	6 1/2 x 4 7 1/2 x 4 8 x 4 & 8.44 HOLLOW ROUND
+ 8 x 4.4 HOLLOW ROUND.	
UPPER DK. 8 x 4.4 9 x 4.4 10 x 5	8 x 4.4 9 x 4.4 10 x 5. 11 x 5 & 12 x 5 HOLLOW ROUND
11 x 5 & 12 x 5 HOLLOW ROUND.	
SECOND DK. 13 x 6 14 x 6 13 x 6	14 x 6 15 x 6. 18 x 6
15 x 6 18 x 6 & 18 x 6.4 HOLLOW ROUND.	and 18 x 6.4 HOLLOW ROUND
PILLARS SPACED AS PER APPROVED PLANS.	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ft., Bridge ☒ ft., Forecastle 49

(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 as should appear in the Register Book) 2 DKS. (STL) + SHELTER DK. (STL)

Official No. 28181; Signal Letters SH.J.W. State if Machinery is fitted aft AMIDSHIPS

How are the surfaces preserved from oxidation? Inside BITUMASTIC. 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.	Water Capacity.	Where Fitted.
	Feet.	Tons.	
Double bottom, aft,	126-0	678.46	Fore peak tank,
Double bottom, under Engines and Boilers,	78-0	383.98	After peak tank,
Double bottom, if under Engines only,			Deep tank, aft,
Double bottom, if under Boilers only,	182-3	499.12	Deep tank, forward,
Double bottom, forward,			Other tanks, if fitted,
	Total capacity of double bottom	1561.56	(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.

Order for Special Survey No. 19

Date 10-10-19

No. 38 in builder's yard.

DATES OF SURVEYS held while building

1920. DEC. 17. 24. 1921. JAN. 12. 17. 24. 28. FEB. 2. 9. 14. 25. MARCH 4. 7. 14. 18. 23. 30. APRIL 4. 8. 12. 15. 18. 20. 29. MAY 3. 9. 11. 13. 18. 24. 30. JUNE 2. 8. 13. 16. 22. 24. 29. 30. JULY 11. 15. 20. 26. 28. AUGUST. 8.

Total No. of Visits 4

Surveyor's Signature

James B. Richter

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