

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 2420

Port of Robe Date of completion of Report 7th July 1919 Received at London Office MON. 24 MAR. 1919
 Survey held at Robe Date, First Survey 19th Sept. 1918 Last Survey 29th January 1919
 On the (State if Single, Twin, or Triple Screw) Steel Single Screw Steamer "Chifuku Maru" Rig 2 masts

TONNAGE under Tonnage Deck... CLASS 100 A1 Shelter Dk FEET.
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. Breadth (greatest moulded) 51.00
 Total under Upper Dk. 5585.80 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.00
 Do. of Poop Deduct height of 'tween deck when this does not exceed 8ft. 28.00
 Do. of R. Qr. Dk. Transverse Number 79.00
 Do. of Bridge House Length on deck from fore part of stem to after part of sternpost 1385.00
 Do. of Forecastle Longitudinal Number 30413
 Do. of Houses on Deck 193.45 Depth "d" at middle of length. See Secs. 2 & 13 16" 0"
 Do. of excess of Hatchways 24.17 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.7
 Do. above Crown of Engine Room 54.17 " " " Upper Deck at side to top of keel 13.7
 Gross Tonnage 5857.42 Destined Voyage Building
 Less Crew Space 307.11 If Surveyed while Building, Afloat, or in Dry Dock Building
 Less above Crown of Engine Room 1147.56
 Tonnage for Fees... 77.28
 Less Navigation Spaces 63.71
 Register Tonnage 4259.26

Master R. Dai
 Year of Appointment Doi
 Built at Robe
 When built 1919 Launched 13th Jan. 1919
 By whom built The Kawasaki Dry Dock Co. Ltd.
 Owners The Kawasaki Dry Dock Co. Ltd.
 Managers Robe
 Residence Robe
 Port belonging to Robe

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
	385	0		51	0		33	2	3	3

Dimensions of Ship per Register, Length 385.0 breadth 51.0 depth 36.0 Awn. or Shelter Dk. Moulded depth, ft. 36 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12³/₄ ins.
 Length 385.0 breadth 51.0 depth 28.0 Upper Deck. Moulded depth, ft. 28 ins. 0 To Upper Dk.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, <u>W</u> Bars, amidships	9	3 1/2	52	9	3 1/2	52	
Do. in peaks <u>FR. 7:3 1/2:50 L</u>	16	3 1/2	36	16	3 1/2	36	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
" " L at intermdt. Bkts.	8	3 1/2	40	7 1/2	3 1/2	40	
Spacing of Frames from centre to centre amidships	25 1/2			25 1/2			
" length to collision bulkhead	24			24			
" of Frames from centre to centre in peaks	3 1/2	3	36	3 1/2	3	36	
REVERSED FRAME, Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
" " L at intermdt. Bkts.	8	3 1/2	40	7	3	40	
FRAMING, depth of girder	6			6			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engine and Boiler spaces							
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
FLOORS, in Cell Double Bottoms <u>B.S. 50</u>	40	36	40-36				
" state if flanged (top and bottom)	No		No				
" spacing of Solid <u>24 in. plks.</u>	51 1/2	25 1/2	51 1/2 25 1/2				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	42	50	40	42	50	40	
" Angles, Top <u>Dr. 6</u>	3 1/2	3 1/2	50	3 1/2	3 1/2	50	
" " Bottom <u>5</u>	5	5	58	4 1/2	4 1/2	60	
" " to Floors <u>5</u>	5	5	56	5	5	56	
" Brackets at intermdt. frmg., wdth & thcknss	36	40	36	36	40	36	
SIDE GIRDERS, number and thickness	40	38	36	40	38	36	
" state if flanged (top & bottom)	Top 3 1/2 fl.	Top 3 1/2 fl.					
" Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
MARGIN PLATE, depth (exclusive of flange) and thickness	38	32	46	38	32	46	
" Angles to outside plating	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
" " to floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
" Brackets at intermdt. frmg., wdth & thcknss	30	40	36	30	40	36	
" Height of Brackets above at bilge	24			24			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42	50	40	42	50	40	
" thickness in Engine and Boiler space <u>E 48 B 56</u>	40	34	40-34				
" Remainder in Holds	40	34	40-34				
BEAMS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3 1/2	40	7	3	42	
" Spacing	25 1/2			25 1/2			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	38	9 1/2	3 1/2	56	
" Spacing	51			51			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10, 3 1/2, 3 1/2, 5 1/2	11	3 1/2	56			
" Angles on upper edge							
" Spacing	51			51			
BEAMS, 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							
" Spacing							

KEELSONS AND STRINGERS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" Rider Plate			
" Flat Keel Plate Angles			
" Horizontal Plates on Floors			
" Angles or Bulb Angles			
SIDE KEELSONS, Number			
" Angles or Bulb Angles			
" Plate above floors, for length			
" Intercoastal Plate, for length			
" Attached to outside plating with Angle			
BILGE KEELSON, Angles			
" Intercoastal Plate, for length			
" Attached to outside plating with Angle			
SIDE STRINGERS, Number <u>Two in No. 1 hold as apprd</u>			
" Angle	7	3 1/2	58
" Intercoastal Plate, for <u>No 1 hold</u>			
" Attached to outside plating with Angle	3 1/2	Flange	3 1/2
Awning or Shelter Deck Stringer Plates, breadth and thickness	53-34	54-42	53-34 54-42
" Angle on ditto	5 1/2	56	4 1/2 4 1/2 58
" Tie Plates, fore and aft, outside Hatchways			
" Deck, * <u>Iron or Steel</u> , for <u>whole</u> lng.	42	38	42-38
" Wood Deck, Material & thickness			
Upper Deck Stringer Plate, breadth and thickness	46-34	46-42	46-34 46-42
" Angles on ditto, No. <u>2</u>	3 1/2	3 1/2	46
" Tie Plates, outside Hatchways			
" Deck, * <u>Iron or Steel</u> , for <u>whole</u> lng.	34	20	34-20
" Wood Deck, Material & thickness			
Second Deck Stringer Plates, br'dth & thckn's	46-34	42	46-34 42
" Angles on ditto, No. <u>2</u>	3 1/2	3 1/2	46
" Tie Plates, outside Hatchways			
" Deck, * Material and thickness <u>Steel</u>	34	30	34-30
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
" Angles on ditto, No.			
" Tie Plates, outside Hatchways			
" Deck, Material and thickness			
Poop Deck Stringer Plate, breadth & thickness			
" Angles on ditto			
" Tie Plates			
" Deck, Material and thickness			
Bridge Deck Stringer Plate, br'dth & thickness			
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness			
Forecastle Deck Stringer Plate, br'dth & th'kns			
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness			

Form No. 1B.

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing

WEB-FRAMES, In E. & B. Space, No. & spacing

WEB-FRAMES, In After Body, No. and spacing

BRACKET PLATES to Stringers between Web Frames, depth and thickness

BULKHEADS.

W.T. BULKHEADS

COLLISION PARTITION

LONGITUDINAL

Are the outside plates doubled two spaces of Frames in length?

Are the Watertight Doors in efficient working order?

PLATING.

STRAKES.

FLAT PLATE KEEL

GARBOARD OR A STRAKE

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

T

U

W

THICKNESS OF STRAKE

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DELG. OF Flat Plate Keel

Sheerstrakes

Length and thickness

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

RUDDER-A x D Table 22. Speed

Main-Piece, diameter at head

at heel

RUDDER, how constructed

Thickness of Plates or Single Plate

Can the Rudder be unshipped afloat?

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.

Has the Steel been tested as required by the Rules?

RIVETING.

EDGES.

Butts.

IF LAPPED.

Awning or Shelter Deck

Stringer Plate

Upper Deck

Stringer Plate

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds 2 a side each mast. Iron 5" Main 4" S.W. stays Iron 5" Cap 3" before 2-5"

Sails.

Suit of

Sails, and the following spare sails

EQUIPMENT No. 33190 LETTER Y.

ANCHORS.

Number of Certificate

Weight, Ex. Stock

Weight of Stock

Test, per Certificate

Weight Req. by Table 31

Description of Anchor

Makers

Where and when tested and Superintendent

Particulars of Drop Test of Cast Steel Anchors, viz.:-

Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES.

Number of Certificate

Length and Size supplied

Test per Certificate

Weight of Chain Cable

Fathoms 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

Fathoms and Size per Table 31

Boats

Life

Steering Gear, Steam

By Builders

Steering Gear, Hand

By Builders

Pumps, Number

Windlass

Engine Room Skylights

Coal Bunker Openings

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material

Cargo Hatchways

State size No. 1 Hatch (Forward)

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

No. of Breasthooks

with deck

No. of Crutches

Bulwarks, height above deck and description

The foregoing is a correct description.

Surveyor's Signature

Builder's Signature

Correspondence

Workmanship

Is the riveted work properly closed?

Are the liners between the frames and plates solid single pieces?

to plate, &c., conform well to each other?

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

This vessel has been built under Special Survey & complies with the Rules & approved plans. The materials & workmanship are good.

Photoprints of the Midship Section & Profile & Decks are forwarded under separate cover.

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

Plans to be forwarded with P.E. Report showing vessel as built.

The amount of Entry Fee

Special Survey Fee

Travelling Expenses, if any

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

100 T.1. Awaiting BK with freeboard

A. & B. P. + L. M. 1.19 J. D.

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle
(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 a
should appear in the Register Book) 2 DR. (SH) + Shelter DR (STL.)
Official No. 24087 ; Signal Letters R G T Q State if Machinery is fitted aft No.
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

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capa
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	116.9	342	Fore peak tank,				126
Double bottom, under Engines and Boilers,	44.6	182	After peak tank,				98
Double bottom, if under Engines only,			Deep tank, aft,				
Double bottom, if under Boilers only,			Deep tank, forward,				
Double bottom, forward,	172.1	594	Other tanks, if fitted,				
	Total capacity of double bottom 1148		(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.

Date

No. 431 in builder's yard.

DATES of Surveys held while building

19 Sept. 3. 14. 21. 25. 29. 30 Oct. 1. 3. 13. 18. 27. 30 Nov. 9. 12. 14. 20. 21. 24. 27
12. 13. 17. 20. 22. 25. 28. 29 January, 1919

Total No. of Visits

Surveyor's Signature

A. L. Jones

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