

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 2544
THU. 21 AUG. 1919

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

Port of *Osaka* Date of completion of Report *15th Sept 1919* Received at London Office *25th April 1919*
 Survey held at *Osaka* Date, First Survey *15th Sept 1919* Last Survey *25th April 1919*
 On the (State if Single, Twin, or Triple Screw) *Twin Sc. Ste. Smt. "Amur Maru"* Rig *2 masts*
 CLASS *+100 A1. Awning Dk.* Master *J. Hamada*
 Tonnage under Tonnage Deck *7329.34* Breadth (greatest moulded) *56.25* Feet. *56.25*
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *261.93* Depth at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *32.50*
 Total under Upper Dk. *7329.34* Deduct height of tween deck when this does not exceed 8ft. *88.75*
 Do. of Poop *81.71* Transverse Number *425*
 Do. of R. Qr. Dk. *34.30* Length on deck from fore part of stem to after part of sternpost *377.18*
 Do. of Forecastle *62.94* Longitudinal Number *10.49*
 Do. of excess of Hatchways *7.770.22* Depth "d" at middle of length. See Secs. 2 & 13 *10.49*
 Do. above Crown of Engine Room *7.345.76* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.49*
 Gross Tonnage *2487.47* Upper Deck at side to top of keel *10.49*
 Less Crew Space *97.85* Destined Voyage *Buenos Aires*
 Less above Crown of Engine Room *16.87* If Surveyed while Building, Afloat, or in Dry Dock *Buenos Aires*
 Net Tonnage *4823.27* Residence *Osaka*
 Port belonging to *Osaka*

Ft.		Ins.	BREADTH		Ft.	Ins.	DEPTH, ACTUAL		Top of Floors to top of Awn. or Shelter Dk. Beams		Ft.	Ins.	No. of Decks with flat laid	
425		0	Moulded		56	3	Do.		Upper Deck Beams		37	9	3	
425.0			breadth		56.25		depth		40.5		6		Round up of Uppermost Dk. Beam, Actual	
425.0			breadth		56.25		depth		32.5		6		12.7	
FRAMING.				Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Bars, amidships				6	3 1/2	40	6	3 1/2	40					
Twin sc. 6.3 1/2 x 42 AP				6	3 1/2	40	6	3 1/2	40					
Double Bottoms at Solid Floors														
at intermdt. Bkts.														
from centre to centre amidships														
to collision bulkhead														
from centre to centre in peaks														
Twin sc. 6.3 1/2 x 42 AP				4	3 1/2	40	4	3 1/2	40					
RAME, Angles														
Double bottoms at Solid Floors														
at intermdt. Bkts.														
th of girder														
and thickness of Floor Plate														
line for 1/2 length amidships														
of Engine and Boiler spaces														
is at the ends of vessel														
t 1/2 the half-bdth. as per Rule														
extended at the Bilges														
ell Double Bottoms				42	38		42	38						
if flanged (top and bottom)				No		No								
ng of Solid				72		72								
DER, in Dbl. bottom, dpth. & thknss				45	54	44	45	54	44					
Angles, Top				3 1/2	3 1/2	52	3 1/2	3 1/2	52					
Bottom				4 1/2	4 1/2	60	4 1/2	4 1/2	60					
to Floors				6	6	44	6	6	44					
kets at intermdt. frmg., wdth & thknss														
RS, number and thickness				Two	40	36	Two	40	36					
state if flanged (top & bottom)				No		No								
es				3 1/2	3 1/2	44	3 1/2	3 1/2	44					
TE, depth (exclusive of flange)				39	56	50	39	56	50					
and thickness				4	4	50	4	4	50					
es to outside plating				4	4	50	4	4	50					
to floors (Intermdt. 3 1/2 x 40)				6	3 1/2	44	6	3 1/2	44					
kets at intermdt. frmg., wdth & thknss														
ht of Brackets above at bilge				Level		Level								
OM PLATING, breadth and				45	52	42	45	52	42					
ess of Middle Line Strake				2	50	3	50	3	50					
ickness in Engine and Boiler space														
Remainder in Holds				40	36		40	36						
g or Shltr Dk, Single Angle,														
Angle, Plate, Tee Bulb or Channel														
Deck, Single Angle, Bulb Angle,				10	45	3	57	53						
Tee Bulb or Channel				48			10 1/2	3 1/2	56					
d, Third & Fourth Deck, Single														
b Angle, Plate, Tee Bulb or Channel														
upper edge														
Deck, Angle, Bulb Angle, Plate,														
ee Bulb or Channel														
Angles on upper edge														
Spacing														
Bridge Deck, Angle, Bulb Angle, Plate,														
Tee Bulb or Channel														
Angles on upper edge														
Spacing														
Forecastle Deck, Angle, Bulb Angle,														
late, Tee Bulb or Channel														
les on upper edge														
cing														

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

Form No. 10.

WEB FRAMES.

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

No. of Side Stringers

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

brdth. & thickness

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

brdth. & thickness

No. of Side Stringers

Size of Face Angles to Web-Frames

BRACKET PLATES to Stringers between

Web Frames, depth and thickness

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 11 1/2 kts 172-25-38 = 65475

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, etc.

Has the Steel been tested as required by the Rules?

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

Ordinary or joggled?

BUTTS.

IF LAPPED.

STRAKES.

AMIDSHIP.

FORWARD.

AFT.

FLAT PLATE KEEL

GABBOARD OF A Strake

State actual thickness in way of Double Bottom.

THICKNESS OF SHEET PILE

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DELEG. of Flat Plate Keel

Sheerstrakes

Length and thickness

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

MASTS, SPARS, &c.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

THU. 21 AUG. 1920

EQUIPMENT No.

LETTER

ANCHORS.

Number of Certificate

Weight, Ex. 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 Req. by Table 31.

Description.

Makers of Cables.

Where and when tested and Superintendent.

HAWSERS AND WARPS.

Number of Certificate

Length and Size supplied.

TEST, PER CERTIFICATE.

Weight Req. by Table 31.

Description.

Makers of Cables.

Where and when tested and Superintendent.

Boats

Life

Steering Gear, Steam

Steering Gear, Hand

Pumps, Number

Windlass is

Engine Room

Coal Bunker

Number of Scuppers

Ceiling in Holds

Cargo Hatchways

State size No. 1 Hatch (Forward)

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

Bulkheads, height above deck and description

The foregoing is a correct description.

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 faying 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 in accordance with the Rules & approved plans. The materials & workmanship are good.

Photostats of Midship Section & of Profile & Decks are forwarded.

Sister vessels reported are the "Alps Maru" (Robe Rpt. No 2140) No 878

"Alti Maru" (" " 2294) " 879

"Andes Maru" (" " 2359) " 880

The anchors & cables are in accordance with the Rule requirements but the record of the particulars omitted from the above statement has been mislaid. & shall be reported as soon as the certificates are again accessible upon the return of the vessel to this port.

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

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

Along dk. with fbd

subsid

Lloyd's at 4.19

FRI. AUG. 20. 1920

FRI. MAY. 14 1920

TUE. APR. 27 1920

FRI. MAY. 7 1920

Particulars of Longitudinal Framing.

Framing	Amidships In ship	Ends In ship	Amidships As app ^r	Ends As app ^r	Rivets Dia. Spac.	Spacing on each Side of Longitudinals & thickness.	Rivets in Brackets Number. Diam.
Iron from uppermost continuous deck. No. 1	B.A. 8.3½.375	B.A. 8.3½.375	B.A. 7.3½.40	B.A. 7.3½.36	7/8 5¼	5¼ ✓	5 ✓ 7/8
" 2	" " "	" " "	" " "	" " "	" "	"	" "
" 3	" " "	" " "	" " "	" " "	" "	"	" "
" 4	8.3½.40	" " "	8.3½.40	7½.3½.40	" "	"	6 "
" 5	8.3½.44	8.3½.40	8.3½.44	8.3½.40	" "	"	" "
" 6	channel 9.40.3½.5	channel 9.40.3½.5	9½.3½.46	9½.3½.42	" "	4 3/8 ✓	7 "
" 7	9.45.3½.5	9.40.3½.5	10.3½.48	10.3½.44	" "	"	8 ✓ "
" 8	10.45.3½.5	same as amid	11.3½.44	11.3½.44	" "	3½ ✓	" "
" 9	10.50.3½.5	10.45.3½.5	11.3½.48	11.3½.44	" "	"	" "
" 10	12.375.3½.623	same as amid	11.3½.56	11.3½.52	4 3/8	"	9 "
" 11	12.375.3½.623	" " "	11.3½.62	11.3½.58	" "	"	" "
" 12	12.50.3½.623	12.43.3½.623	11.3½.68	11.3½.64	" "	"	" "
" 13	8.3½.40	8.3½.40	8.3½.40	8.3½.40	5¼	"	6 "
" 14	" " "	" " "	" " "	" " "	" "	"	" "
D.B. Tank top	8.3½.42	8.3½.42	8.3.42	7½.3.42	7/8 5¼	4 3/8 ✓	
" bot.	7.45.355.453	same as amid	8½.3½.42	8½.3½.42	"	3½ ✓	
Spacing Amid.	30 ✓		30	30			
Spacing Ends		30		30			
Transverses.					Riv. in Long. & shear. Dia. Spac.		
In Mainw. Deck	Depth & thickness 15.38 ✓ Face angles 6.3½.44 Lugs to shell 3½.3½.38	as amidships	15.38 6.3½.44 3½.3½.38	as amidships	7/8 4½ ✓		
In upper twin. Decks.	Depth & thickness 18.40 ✓ Face angles 6.3½.48 Lugs to shell 3½.3½.40		18.40 6.3½.48 3½.3½.40		7/8 4½		
In Hold.	Depth & thickness 28.50 ✓ Face angles 10.3½.66 Lugs to shell 6.6.46 Brackets 44		28.50 10.3½.66 6.6.46 44		7/8 4½		
Spacing of trans. frames	12 ft & as per profile		12 ft & as per profile				
Longitudinal Beams	Mon. Dr. 6.35.3½.373 Uppt. Dr. 8.3½.40 2nd Dr. 8.3½.44	As amid.	6½.3.40 7½.3.40 8.3.44	6½.3.36 7.3.40 8.3.40	Spacing 33 36 36	Transverse Beams	In Ship Plat. Angles 11.38 [8.3½.52] 12.38 [8.3½.52] 13.40 [10.3½.66] As app ^r Plat. Angles 11.38 [7.3½.52] 12.38 [8.3½.52] 13.40 [10.3½.66]

Lugs to shell double for
4 from spaces above tank
& to 2nd deck in No. 1. hold

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — 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) 2 DRs (Stl) & Mainw. DR (Stl)

Official No. 25,222; Signal Letters R.M.N.W.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	129.7	366.6	Fore peak tank,	19.25	84
Double bottom, under Engines and Boilers,	55.2	117.0	After peak tank,	34.00	96.4
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	188.5	711.0	Other tanks, if fitted,		
Total capacity of double bottom		1194.6	(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. 881 in builder's yard.

DATES OF SURVEYS
held while building

Sept. 16, 25 Oct 8, 12, 15, 19. Nov. 6, 12, 18, 21, 26, 29. Dec. 3, 5, 7, 10, 21, 22
 Jan. 7, 9, 25, 27, 30, 31. Feb. 6, 15, 17, 24, 25. Mar. 4, 5, 10, 15, 20, 21
 April 5, 9, 14, 15, 25 1919
 (Visits from Oct 8 1918 to Mar 5 1919 were made by Mr. D. G. Atkin who left for home in March.)
 Total No. of Visits 46

Surveyor's Signature

A. L. Jones

Lloyd's Register
Foundation