

STEEL STEAMER or MOTORSHIP.

Received at London Office 8 JAN 1930

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

10th December 1929

Port of *Yokohama*No. *4445*Survey held at *Yokohama*Date First Survey *12 December 1928*, Last Survey *30 November 1929*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)**Single Screw Motorship "SYDNEY MARU."*State Type *(Full scantling, Complete Superstructure with or without Tonnage Openings)**Complete superstructure*State Type of Erections *Bridge & Forecastle*

TONNAGE under Tonnage Deck...

*3620.10*CLASS *100 A1*State if with freeboard as condition of Class *Yes.*Built at *Yokohama*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

*1334.99*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 380.00*Breadth (greatest moulded) *B 54.50*

Total

*4955.09*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34.25*

Gross Tonnage

5435.59

Register Tonnage

*3237.44*1st Longitudinal Number (L x D) *= 13210*2nd Numeral L x (B + D) *= 33910*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.26*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.09*Do. Long Bridge to top of keel *✓*Draught Moulded *24 ft 1.3 inches*Launched *25th Aug. 1929* Yard No. *173*Builders *Yokohama Dock Co.*Owners *Osaka Shosen K. K.*Managers *✓*
(Where necessary to be entered in Reg. Book.)Residence *✓*Port of Registry *Osaka**✓* surveyed while building, afloat, *and* in dry dock

REGISTERED DIMENSIONS.

Length *380.00*
Breadth *54.50*
Depth *34.25*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30	✓	Bracket Floors, Frame	6 3/4 .42	✓
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	6 3 .36	✓
" " in peaks	24	✓	" " Vertical Struts	6 3 .36	✓
DOUBLE FRAMING.			Centre Girder, depth and thickness amidships	42 .54	✓
Frame Amidships, Angle, <i>✓</i> or <i>✓</i>	9 3 1/2 .42	✓	" " top Angles	3 1/2 3 1/2 .52	✓
" " Extends up to	3rd deck	✓	" " bottom Angles	4 4 .58	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	One .40	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	33 1/2 .52	✓
Depth of Framing Girder	✓	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 .42	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <i>✓</i> or <i>✓</i>	7 3 1/2 .32 alternate fr.	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 3 1/2 .42	✓
" " Second 'tween Decks, Angle, <i>✓</i> or <i>✓</i>	7 3 1/2 .32 every fr.	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	18" .4	✓
" " Third " " " "	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	18 .40	✓
Spacing in Peaks, Angle, <i>✓</i> or <i>✓</i>	7 3 .42	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	79 .44	✓
Number and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 3/4 in.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes	✓	Breadth and thickness of Middle Line Strake	52 .50	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Not frames & stringers as per approved plans	✓	Thickness of remainder in Holds	.42	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Bottom plating maintains thickness to collision bulkhead. Bottom angles 5x5x.42	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Yes	✓
DOUBLE BOTTOM.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds	✓	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>✓</i> or <i>✓</i>	8 3 .44	✓
Height of Brackets at side above base line at toe of frame	✓	✓	" " in way of Bridge, Angle, <i>✓</i> or <i>✓</i>	8 3 .44	✓
Single Line Keelson, on Floors, Angles, <i>✓</i> or <i>✓</i>	✓	✓	" " Spacing	Every frame	✓
" " Through Plate or Intercoastal Plate	✓	✓	Second Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	9 3 1/2 .38	✓
" " Foundation Plate on Floors	✓	✓	" " Spacing	Every frame	✓
" " Flat Plate Keel Angles	✓	✓	Third Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	9 3 1/2 .44	✓
Keelsons, No. each side	✓	✓	" " Spacing	Every frame	✓
" " thickness of Intercoastal Plate	✓	✓	Fourth Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	✓	✓
" " Angles	✓	✓	" " Spacing	✓	✓
DOUBLE BOTTOM.			Poop Deck, Angle, <i>✓</i> or <i>✓</i>	✓	✓
Solid Floors, thickness and spacing	every .40 3rd frame frame joggled sev. fr. not "	✓	" " Spacing	✓	✓
" " Are Frame and Reversed Frame joggled?	✓	✓	Bridge Deck, Angle, <i>✓</i> or <i>✓</i>	7 3 .32	✓
Bracket Floors, breadth and thickness at middle line	34 .40	✓	" " Spacing	Every frame	✓
" " breadth and thickness at margin plate	51 .40	✓	Forecastle Deck, Angle, <i>✓</i> or <i>✓</i>	8 3 .34	✓
			" " Spacing	Every frame	✓

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....					Stringer Plate, breadth and thickness in way of Bridge	47	40		
" in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells		36		.35 approved.
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " "					Thickness of Plating within line of openings...		34		
" " " " " "					If Sheathed, material and thickness				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....	47	34		
Plating, thickness of					If Plated, state thickness.....		30		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	57	46			If Plated, state thickness				
" " " " in way of Bridge	57	60			Poop Deck.				
" Angle in Wells	6	6	56		Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells		42			Plating, Sheathing, material and thickness ..				
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings...		38			Stringer Plate, breadth and thickness.....	39	40		
If Sheathed, material and thickness					Plating, Sheathing, material and thickness ..	28	2 1/2	O.P.	
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	47	40			Stringer Plate, breadth and thickness.....	34	34		
					Plating, Sheathing, material and thickness ..	28	3	O.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>NO</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	50	.74	.64	.64		Double	1	4	4R-3R	1	4	Lapped	
„ DBLG. (if any)		✓				✓			✓				
BOTTOM PLATING, No. of Strakes <i>11</i>	<i>20 7/8</i> <i>10 7/4 7/4</i> <i>12 7/4 7/4</i>	.56	.48	.48		Double	7/8	3 1/2	3	7/8	3 1/8	Lapped	
BILGE PLATING, No. of Strakes <i>1</i>	<i>6 1/2</i> <i>10 6 1/2 1/4</i>	.56	.48	.48		„	7/8	3 1/2	3	7/8	3 1/8	„	
SIDE PLATING, No. of Strakes <i>11</i>	<i>20 7/2</i> <i>10 7 1/2</i>	.56	.46	.46		„	7/8	3 1/2	3	7/8	3 1/8	„	
UPPER DECK, Sheer- strake in Wells	50	.66	.46	.46		„	7/8	3 1/2	4R-3R	7/8	3 1/8	„	
UPPER DECK, Sheer- strake in Bridge ...	50	.86			.84 approved	„	1	4	4R	1	4	„	
STRAKE BELOW Sheer- strake in Wells	62	.62	.46	.46		„	7/8	3 1/2	4R-3R	7/8	3 1/8	„	
STRAKE BELOW Sheer- strake in Bridge ...	✓												
POOP SIDE PLATING	✓												
BRIDGE SIDE PLATING ...	<i>10 48</i> <i>10 41</i>	.40				Single	3/4	3					
FORE'C'TLE SIDE PLATING		✓	.40			„	3/4	3	One	3/4	2 5/8		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	Six
Extending to Upper Deck (Sec. 3 c).....	Collision 't head
" Deck next below.....	Remaining bulkheads
As per Rule.....	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "		.28-.26	5.3	.34	.30
" " Third "					
" " Holds38-.28	9.3 1/2	.38	28
COLLISION " (in Hold)38-.32	9.3 1/2	.38	24
AFTER PEAK " " 62-.26	8.3	.36	24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Roller steel	10 x 2 3/8	Frodingham Iron Co.	9 1/2 x 2 3/8
STERN FRAME { Propeller Post	Castings	14 1/2	Sumitomo Steel Works Osaka	
{ Rudder	"	3 1/2	-ditto-	
RUDDER—A x D.....	Forging	11 1/2 dia.	-ditto-	
Speed of Vessel.....		13 knots		
RUDDER mainpiece at head ...	Castings	12 x 11 1/4	-ditto-	
" " heel ...	"	7 1/2 x 11 1/4	-ditto-	
" how constructed		arms cast to main piece		
" double or single plate coupling, vertical or horizontal.....	Double plates	.50		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
Asano Shipbuilding Co. Chippa John H. H. Rose & Partners Ltd. Lanarkshire Steel Co. Ltd. David Colville & Co
Cargo Fleet Iron Co. Dorman Long & Co. Cleveland Steel Works. Frodingham & S. Works. Corsett Iron Co.
Has the Steel been tested as required by the Rules? Yes.

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EQUIPMENT No. <u>33,725</u>										LETTER <u>Y</u>		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
<u>964</u>	1st Bower ...	<u>57</u>	<u>0</u>	<u>8</u>		<u>-</u>		<u>46</u>	<u>14</u>	<u>0</u>	<u>7</u>	<u>56.3.9</u>	<u>Stockless Hall Improved</u>	<u>Hobbs Steel Wks.</u>	<u>Hobe 19/4/29 Ch. Matt.</u>
<u>965</u>	2nd " ...	<u>56</u>	<u>3</u>	<u>18</u>		<u>-</u>		<u>46</u>	<u>10</u>	<u>3</u>	<u>21</u>	<u>56.3.9</u>	<u>"</u>	<u>"</u>	<u>" 18/4/29 "</u>
<u>966</u>	3rd " ...	<u>56</u>	<u>3</u>	<u>23</u>		<u>-</u>		<u>46</u>	<u>12</u>	<u>2</u>	<u>0</u>	<u>56.3.9</u>	<u>"</u>	<u>"</u>	<u>" 20/4/29 "</u>
	Collective weight.	<u>170</u>	<u>3</u>	<u>21</u>								<u>170.1.24</u>			
<u>977</u>	Stream	<u>16</u>	<u>2</u>	<u>11</u>	<u>4</u>	<u>0</u>	<u>19</u>	<u>17</u>	<u>18</u>	<u>1</u>	<u>21</u>	<u>16.1.0</u>	<u>Ordinary type CS Body</u>	<u>"</u>	<u>" 7/5/29 "</u>

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
														TOWLINE...	120	4 3/4	75-62	120	4 3/4
1629	272 1/2	2 3/16	86 1/2	120 5/16	688-2-23			645 3/4	270	2 3/16	Stud Link	Owaka Bham Works.	Hobe 23/5/29 Y. J.	HAWSERS & WARPS	1090	8		90	8
																1090	8		90
193		Cir.								Cir.	Spec. Flex.	Tokio Seiko Kaisha	Kawasaki 31/8/29 P. F. Nicholas	"	1090	7		90	7
Iron Stream Chain or Steel Wire	90	4 3/4		76.4					90	4 3/4				"	1090	7		90	7

Steering Gear, ~~Steam~~ Electric hydraulic Steering Gear, Hand Efficient.

Boats 2 lifeboats & dinghys Steering Chains, Size and Test Telemotor gear Windlass Electric; efficient.

Ceiling in Holds, thickness and material 2 1/2 O.P. Cargo Battens, thickness, material and spacing 6 x 2 O.P. spaced 4"

Cargo Hatchways.-(Upper Deck) 24 x 44 coaming Thickness of Hatches 3" wood

Size of No. 1 Hatchway (Forward) 29'-3" x 18'-0" No. 2 35'-0" x 20'-0" No. 3 32'-6" x 20'-0" No. 4 30'-0" x 20'-0" No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 2 No 1 & 2, 6 webs each. 1 No 3 & 4, 5 webs each.

Builder's Signature

S. Tsunematsu

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The double bottom is fitted to carry oil fuel with flash point above 150° F. (see sketches)

All weather decks watertight bulkheads and tunnel were tested and found watertight.

The vessel was built as per approved plans.

The workmanship and materials are good.

A copy of the midship section of the vessel is built also copies of forging casting and steel testing certificates are enclosed.

The amount of Entry Fee £ Yen. 9.0 Fees applied for, 17/12/1929

Freeboard 165

Special Survey Fee.... £ 50.26

Travelling Expenses, if any £ Yokohama 29

Hobe 30

I am of opinion the Vessel should be Classed +100A1 with freeboard.

State whether the Vessel has been built under Special Survey

Hull Certificate to be sent to Yokohama

Date of issue 17/1/30

Signature

A. M. Glashan

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI, 17 JAN 1930

Character assigned

+ 100A1With freeboard

Lloyd's arcp + dmb 11.29 Oil Engines

C.L., D.B. 100 lbs

Write Ma

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Chen

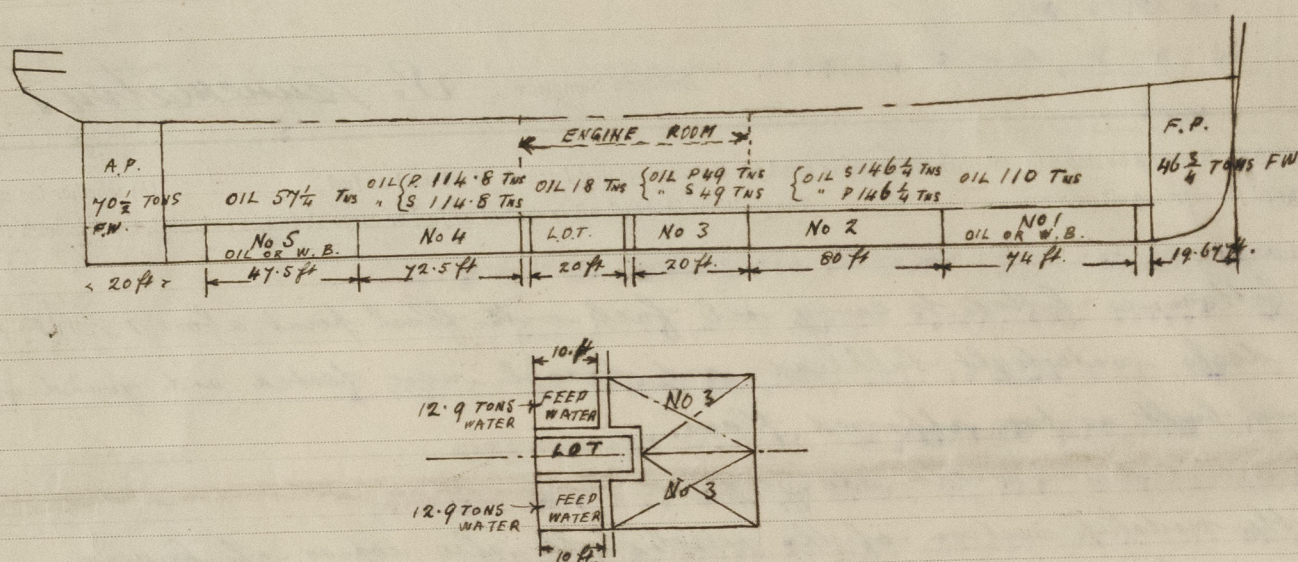
James

My

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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)



Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	33-0-6	A.W.	964	19.4.29
	2nd "	32-3-5	A.W.	965	18.4.29
	3rd "	32-3-23	A.W.	966	20.4.29
		15-1-21	A.W.	974	7.5.29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 22.7 ft., Forecastle 42.8 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 Dhs steel.

Official No. 35190 ; Signal Letters VOKM

Is bottom of Vessel coated with cement ☒ if not give

particulars of composition Oil fuel. in double bottom.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	OIL Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity Tons.
Double bottom, aft,	120	286 $\frac{3}{4}$	Fore peak tank,	19.67	46 $\frac{3}{4}$
Double bottom, under Engines and Boilers,	42.5	116	After peak tank,	20.00	70 $\frac{1}{2}$
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	154	402 $\frac{1}{2}$	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
316.5			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No.

Date

Dates of Surveys held while building

1928. DEC. 12, 18, 1929. JAN. 8, 11, 24, FEB. 4, 19, 22, 25, 28. MAR. 8, 11, 26, APR. 3, 4, 9, 11, 16, 22, 24, MAY 2, 4, 7, 15, 20, 24, 28, 29, 31, JUNE 5, 7, 10, 12, 15, 17, 18, 21, 22, 24, 25, 26, 28, JULY 2, 4, 8, 9, 10, 12, 15, 16, 17, 25, 26, 30, AUG. 2, 8, 12, 14, 17, 20, 22, 23, 25, 26, 28, SEPT. 2, 14, 18, 24, OCT. 12, 15, 28, NOV. 1, 6, 7, 15, 20, 26, 27, 30.

Total No. of Visits