

STEEL STEAMER or MOTORSHIP.

Received at London Office

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 20th Nov. 1924. Port of Greenock. No. 18320.

Survey held at Port Glasgow. Date First Survey 25th May, 1923. Last Survey 26th November, 1924.

On the (State if Machinery fitted Aft and Single, Twin or Triple Screw) TWIN SCREW. "ATAGO MARU"

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Between Full scantling & C.S.S. condition to a load of 28' 5". State Type of Erections Forecastle only.

TONNAGE under Tonnage Deck 7046.53. CLASS 100 A.1. State if with freeboard as condition of Class ☒ YES. Built at Port Glasgow.

Do. of space or spaces between Tonnage Deck and Upper Deck. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 139.7. Launched 17th June 1924 Yard No. 762.

Total 7046.53. Breadth (greatest moulded) B 57.0. Builders Messrs Lithgow's Ltd.

Gross Tonnage 7559.24. Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38.5. Owners Nippon Yusen Kaisha.

Register Tonnage 4670.13. 1st Longitudinal Number (L x D) = 16928.45. Managers (Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 41991.35. Framing Depth "d," at middle of length. See Sec. 3 (1d) 24.63 ft. 16.63 in. way of Sec. 3 (1c). Residence Tokio, Japan.

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.42. Port of Registry TOKIO.

Do. Long Bridge to top of keel. If surveyed while building, afloat, or in dry dock YES.

Draught Moulded 28' 0 1/2".

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.
acing amidships	32				Bracket Floors, Frame	7 1/2	3	38	
from 1/2 length to Collision bulkhead	27				" " Reversed Frame	7	3	38	
in peaks	24				" " Vertical Struts	7	3	38	
NG.					Centre Girder, depth and thickness amidships	46 1/2		60	
ships, Angle, E or F	12	3 1/2	50		" " top Angles	3 1/2	3 1/2	56	
Extends up to	12	3 1/2	44	11 1/2 x 3 1/2 x 45	" " bottom Angles	5	5	64	
CLEAR OF 3RD DECK.	4	4	40		Side Girders, No. each side and thickness	ONE		44	
ame Amidships, Angle					Margin Plate depth (excl. of flange) and thickness	4 1/2		56	
Extends up to	2ND DECK				" " Vertical Angle to Tank side	5	5	48	
aming Girder	12				Bracket abaft 1/2 len. from stem				
Uppermost Continuous 'tween Decks, Angle, E or F	8 1/2	3 1/2	40		" " Vertical Angle to Tank side	5	5	48	
Second 'tween Decks, Angle, E or F	9	3 1/2	40		Bracket forward 1/2 len. from stem	3 1/2	3 1/2	48	
Third " " " "					" " Gussets, spacing and scantling abaft 1/2 len. from stem	ON EVERY FRAME			
Peaks, Angle or F	9	3 1/2	42		" " Gussets, spacing and scantling forward 1/2 len. from stem	ON EVERY FRAME			
and Spacing of Rivets through Shell Plating	7/8	5/8	5 1/2		Tank Side Brackets, height above base line at toe of Frame and thickness	76		44	
are Joggled	YES				INNER BOTTOM PLATING.				
ANGEMENTS (Sec. 7), state system and particulars	WEB FRAME				Breadth and thickness of Middle Line Strake	53		54	
ING OF BOTTOM FOR.	DOUBLE				Thickness of remainder in Holds	46			
ate Particulars	DOUBLED & ADDITIONAL INTERCOSTALS FITTED				Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?	YES			
OM.					BEAMS.				
a and thickness at mid-line in					Uppermost Continuous Deck, amidships	9	3 1/2	48	8 1/2 x 3 1/2 x 48
olds					" " in Wells, Angle, E or F				
at of Brackets at side above					" " in way of Bridge, Angle, E or F				
se line at toe of frame					Spacing	ON EVERY FRAME			
Keelson, on Floors, Angles, E or F					Second Deck, amidships, Angle, E or F	10 1/2	3 1/2	48	10 x 3 1/2 x 50
" Through Plate or Intercostal Plate					Spacing	ON EVERY FRAME			
" Foundation Plate on Floors					Third Deck, amidships, Angle, E or F	10	3 1/2	48	9 1/2 x 3 1/2 x 46
" Flat Plate Keel Angles					Spacing	ON EVERY FRAME			
No. each side					Fourth Deck, amidships, Angle, E or F				
thickness of Intercostal Plate					Spacing				
Angles					Poop Deck, Angle, E or F				
OM.					Spacing				
thickness and spacing	44	ON EVERY	50		Bridge Deck, Angle, E or F				
Are Frame and Reversed Frame joggled?	YES				Spacing				
rs, breadth and thickness at middle line	65		44		Forecastle Deck, Angle, E or F	10	3 1/2	45	
INTERMEDIATE	24		44		Spacing	ON ALT. FRAMES			
breadth and thickness at margin plate	35		44						

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.....	TWO ROWS OF			Stringer Plate, breadth and thickness in way of Bridge			
„ in 'tween Decks, Size and Spacing.....	WIDE SPACED			Thickness of Plating abreast Deck openings in way of Wells		38	
„ „ „ „ „	TUBULAR AND			Thickness of Plating abreast Deck openings in way of Bridge			
„ in Holds „ „	SOLID PILLARS			If Sheathed, material and thickness			
„ „ „ „ „	AS PER APP ^d PLAN.			Third Deck. IN. WAY OF NOS 1 & 3. HOLDS ONLY.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....	49	34	
Stiffeners and Spacing.....				If Plated, state thickness.....		30	
Plating, thickness of				Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	73	68		Poop Deck.			
„ „ „ „ in way of Bridge				Stringer Plate, breadth and thickness			
„ Angle in Wells	6	6	74 6x6x69	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Wells		66		Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge				Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness				Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	49	42		Stringer Plate, breadth and thickness.....	35	36	
				Plating, Sheathing, material and thickness ...		30	
				SHEATHING „ „		0. PINE.	2 1/2

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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	53½	88.	78	78.		DOUBLE.	1.	3½	4.	FORE & AFT.	1.	4.	LAPPED
" Double (if any)													
BOTTOM PLATING, No. } of Strakes 4.....		69	57.	57.		"	7/8	"	4	TO. 3.	7/8.	3½	"
BILGE PLATING, No. of } Strakes 1.....		69	57.	57.		"	"	"	"	"	"	"	"
SIDE PLATING, No. of } Strakes 5.....		67	48	48.		"	"	"	3.	FORE & AFT.	"	3½	"
UPPER DECK, Sheer } strake in Wells.....	60.	76	48	48.		"	1.	"	4	TO. 3.	1.	4.	"
UPPER DECK, Sheer } strake in Bridge ...													
STRAKE BELOW Sheer } strake in Wells.....	55.	71.	48	48.		"	7/8.	"	4	TO. 3.	7/8.	3½	"
STRAKE BELOW Sheer } strake in Bridge ...													
POOR SIDE PLATING.....													
BRIDGE SIDE PLATING....													
FOREC'TLE SIDE PLATING			42.			SINGLE.	7/8	"	ONE.	7/8.	3½		"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	8.
Extending to Upper Deck (Sec. 3 c).....	7.
„ Deck next below.....	1.
As per Rule.....	7.

FORGINGS ~~and CASTINGS.~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	ROLLED STEEL.	10 1/2 x 2 1/4	PORTLAND FORGE CO.	
STERN FRAME	<div> <div>Propeller Post</div> <div>Rudder "</div> </div>	<div> <div>FORGING.</div> <div>11 x 3 1/8</div> </div>	<div> <div>PORTLAND FORGE CO</div> <div>540.93. " "</div> </div>	
RUDDER—A x D	"	540.93. " "		
Speed of Vessel		UNDER 12 KNOTS.		
RUDDER mainpiece at head ...		11 "		
" " heel ...		8 1/4 "		
" how constructed		BUILT FORGING.		
" double or single plate coupling, vertical or horizontal		SINGLE PLATE 1.10.		
		VERTICAL.		

STEEL.

							STEEL.	
"	"	"						© 2020
"	"	"					Manufacturer's name or trade mark of the Steel used in the construction of the	(open hearth) Steel Co. of Scotland
"	Holds .....	. 45 / . 33	^{12 x 3 1/2 "} 3 1/2 " x 50 "	30"	✓	✓	Vessel (state process of manufacture)	J. Dunlop & Co. W. Beardmore &
"	(in Hold) .....	. 55 / . 34	" " "	24"	ONE SEMI- BOX SEAM.		D Colville & Sons. Stewart & Lloyd. Manning &	Lanarkshire. The Co. Rhenschel Stahlwerke.
"	" .....	. 53 / . 30	B.A. ^{10 x 3 1/2 "} 10 x 3 1/2 " x 46	25"	TUNNEL RECESS		Has the Steel been tested as required by the Rules?	YES.

EQUIPMENT No. 43040.

LETTER 34.

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.						
86728.	1st Bower ...	74	0	11.	57	0	11.	55.	56	0	0	0	72	2	0.	HALL'S.	N. HINGLEY & S ^r	NETHERTON. 21/24. H. GREEN.
86729.	2nd " ...	73	3	10.	"	"	"	"	53	16	0	0.	72	2	0.	"	"	"
86727.	3rd " ...	73	1	16.	"	"	"	"	53	10	0	0.	62	0	0.	"	"	"
	Collective weight.	221.	1	9.	"	"	"	"	207	0	0	0.	207	0	0.	"	"	"
86682	Stream	20	2	5.	5	1	14.	21	5	3	21.	20	2	0.	ORDINARY.	"	"	"

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.	Tons.	Break-ing.	Supplied.	Per Rule.	Cwts.	Length.	Diam.					Length.	Ins.		Length.	Ins.
76378	150	2 3/8	10 1/2	142 70	422	1	14			STUD	N. HINGLEY & S. NETHERTON. H. GREEN.	5-1-24	TOWLINE	130	5 1/2	88	130	5 1/2
76379	150	2 3/8	10 1/2	142 70	424	2	15			"	"	25-1-24	HAWSERS & WARPS	2-100	3 1/4	22	2-100	2 3/4
	200				847	0	1	844	1	0			"	2-100	2 3/4	15 1/2	2-100	2 3/4
Iron Stream Chain of Steel Wire	120	5		73				120	5				"					

ELEC-HYD.
Steering Gear, Steam BY CALDWELL & CO.
HELE-SHAW TYPE.

Steering Gear, Hand RELIEVING TACKLES WORKED FROM
AFTER WINCH

Boats SIX. ~~Steering Chains, Size and Test~~

Windlass STEAM BY CLARKE.
CHAPMAN & CO.

Ceiling in Holds, thickness and material 2 1/2" W.P. Cargo Battens, thickness, material and spacing 2" W.P.

Cargo Hatchways.—(Upper Deck) STEEL PLATES AND ANGLES. Thickness of Hatches 2 1/2".

Size of No. 1 Hatchway (Forward) 27'0" x 20'0" No. 2 34'8" x 20'0" No. 3 24'0" x 20'0" No. 4 10'8" x 20'0" No. 5 32'0" x 20'0" No. 6 24'0" x 20'0"

Number of Shifting Beams and for Fore and Afters 5 to No. 1, 6 to No. 2, 4 to No. 3 & 6, 1 to No. 4, 6 to No. 5.

Builder's Signature FOR LITHGOWS LIMITED.

GENERAL DECLARATION

The vessel has been built in accordance with the approved plans, instructions & printed rules of this Society.

The materials and workmanship are of good quality.

The freeboard has been verified & the marks cut in on the vessel's side. All the double bottom tanks, deep tank, peak tanks, weather decks & bulkheads have been satisfactorily tested. The double bottom tanks & deep tank are to be used as oil-fuel compartments & Sec. 35 of the rules has been complied with.

A copy of letter received from the owner's representatives sanctioning the use of the revised rules in the construction of the vessel is forwarded herewith.

See Greenock letter dated 1/12/24

over.

The amount of Entry Fee £ 10 : 0 : 0.
Special Survey Fee £ 388 : 19 : 6.
FREEBOARD. FEB. 13. 0. 0.
Travelling Expenses, if any £ : : :

Fees applied for,

29.11. 1924

Received by me,

2002 24

I am of opinion the Vessel should be Classed ∇ 100. A.I.

" WITH FREEBOARD

State whether the Vessel has been built under Special Survey ☒ YES.

Signature

A. W. W. Rab

Surveyor to Lloyd's Register of Shipping.

Hull & Machinery Glasgow

Certificate to be sent to

Date of issue

Cent. copy used 19/12/24

Committee's Minute

GLASGOW 2-DEC 1924

DEC. 16 DEC 1924

Character assigned

100 AI

with freeboard } subject to

11.24

Lloyd's A.R.C.P.

+ L.M.C. 11.24

The Surveyors are requested not to write on or below the Committee's Minute.



© 2020

Lloyd's Register Foundation

0096 2/2

Plans forwarded with this report.

Midship Section, Profile & deck plans, Stern Post strengthening forward Web frames, Bossed framing, Rudder frame, Shaft brackets, W.T bulkhead Oil fuel deep tank, Diesel engine seating, Tunnel plan, Pillars & gir Hatchways, Deckhouses, Engine Casing, Tiller, Auxiliary tiller, Pumping arrangement. & Midship section of ship as built

also reports on stern frame, rudder frame, propeller brackets and spare tiller

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

1st Bower	44	1	3	J.Q.	36	14	3	22
2nd "	45	0	3	K.H.	2622	22	3	22
3rd "	44	2	4	J.Q.	34	14	3	22

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 42.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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

2 DKS (STL), 3RD DK (STL) IN NO^S 1 AND 3 HOLDS.

Official No. ☒ ; Signal Letters ☒

If bottom of Vessel has been coated Inside ☒ YES give

particulars of composition BY PORTLAND CEMENT AND PAINT OUTSIDE OF OIL FUEL DOUBLE BOTTOM TANKS.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	133.33	395	Fore peak tank,		170
Double bottom, under Engines and Boilers,			After peak tank,		79
Double bottom, if under Engines only,	45.33	230	Deep tank, aft, MIDSHIPS.	26.66	1010
Double bottom, if under Boilers only,	194.92	748	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	1373	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 3092

Date 7. 6. 23.

Dates of Surveys held while building

(1923.) May 25. 29. 31. June 4. 6. 13. 18. 20. July 16. 18. 20. 24. 30. Aug. 1. 3. 6. 8. 10. 16. 24. Sept. 3. 6. 7. 11. 14. 18. 21. 24. 26. 28. Oct. 1. 3. 4. 8. 9. 11. 16. 19. 22. 24. 26. 30. Nov. 1. 5. 7. 9. 13. 16. 19. 21. 23. 26. 28. 29. Dec. 3. 4. 5. 11. 17. 19. 24. 27. (1924.) Jan. 9. 14. 17. 23. 28. Feb. 2. 4. 7. 14. 18. 20. 25. 28. Mar. 5. 10. 12. 14. 18. 20. 25. Apr. 1. 3. 7. 9. 15. 21. 24. 29. May. 1. 5. 13. 20. 26. 27. 30. June 2. 4. 5. 6. 7. 10. 12. 13. 14. 16. 17. 20. 24. 27. 30. July 17. 21. 23. 30. Aug. 4. 20. Sept. 11. 26. Oct. 28. Nov. 4. 18. 26. Total No. of Visits 124.