

DISCLOSED

Revised at London Office

SECTION

No. 1045

No. FE 5921.

State if Report has been sent on the Freeboard of the Vessel.....No

State if Report is sent on the Machinery of the Vessel.....Yes

17 SEP 1958

22nd July, 1958

Port of KOBE

Survey held at Tamano, Japan Date First Survey 3rd December, 1957 Last Survey 10th July, 1958

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Vessel "MEGUROSAN MARU"

On the (if Single, Twin or Triple Screw) Full Scantling suitable for a Summer Mld. Draught
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) of 8.80 metres measured from Top of Keel State Type of Erections.....

TONNAGE under } 8,699.83
nage Deck ... }

CLASS +100A1 *State if with freeboard*
as condition of Class }

Built at.....Tamano, Japan

Launched 17th March, 1958 Yard No. 630

Builders Mitsui S.B. & Eng. Co., Ltd.

Owners Mitsui Sempaku K. K.

Managers _____
(Where necessary to be entered in Reg. Book)
Residence 1-1, Muromachi, 2-chome,
Nihonbashi, Chuo-ku, Tokyo, Japan

Port of Registry Tokyo

If surveyed while building, afloat, or in dry dock
Building, Afloat and in Drydock
Last seen in Drydock 19th June, 1958. ✓

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

Tonnage 9,565.69

ster Tonnage 5,900.38

REGISTERED DIMENSIONS.

FEET

487.10

64.31

41.01

CLASS +100A1 *State if with freeboard*
as condition of Class }

Length from fore part of stem to after part of stern } L 476.40 ✓
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) _____ B 64.51 ✓

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } D 41.01 ✓

1st Longitudinal Number (L × D).....=

2nd Numeral $L \times (B + D)$ =

Framing Depth "d," at middle of length. See }
Sec. 3 (1d)..... }

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 11.61

Do. Long Bridge to }
top of keel }

Draught Moulded 28.87 ✓

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	800 ✓	and as approved	Bracket Floors, Frame	welded ✓	
" " from 1/2 length amidships to Collision bulkhead.....	680 650 ✓		" " Reversed Frame.....	welded ✓	
" " in peaks	610 ✓		" " Vertical Struts	250x90x11/14.5 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1,250x14 ✓	
Frame Amidships, Angle, port T	300x90x11/16 ✓		" " top Angles	welded ✓	
" " Extends up to	3rd Deck ✓		" " bottom Angles.....	welded ✓	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness.....	2 @ x 10 ✓	
" " Extends up to ...	-		Margin Plate depth (excl. of flange) and thickness	1,060 x 14 ✓	
Depth of Framing Girder.....	-		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	welded ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, port	200x10 B.PL. ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	welded ✓	
" " Second 'tween Decks, Angle, port	250x12 B.PL. ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	550x14 continuous ✓	
" " Third " " " "	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	675x14 continuous ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	300x90x13/17 I ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1,950 x 12.5 ✓	
" " in Peaks, port	300x90x12/17 with 75x12F. B. T ✓				
" " 230x11 B.PL. ✓					
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	welded ✓		INNER BOTTOM PLATING.		
State if Frame Joggled..... in way of bilge and sheer strakes ✓			Breadth and thickness of Middle Line Strake...	1,570 x 14 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved ?	as approved ✓		Thickness of remainder in Holds	12 13 ✓	and as approved
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?	as approved ✓		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room ?	as approved ✓	
SINGLE BOTTOM.			BEAMS. (See Longl. Rpt. 1*)		
Floors, Depth and thickness at mid-line in Holds.....	-		Uppermost Continuous Deck, amidships in Wells, Angle, C or [...	-	
Height of Brackets at side above base line at toe of frame.....	-		" " in way of Bridge, Angle, C or [.....	-	
Middle Line Keelson, on Floors, Angles, C or [.....	-		Spacing	-	
" " " Through Plate or Inter- costal Plate	-		Second Deck, amidships, Angle, port T	250x90x10/15 ✓	
" " " Foundation Plate on Floors	-		Spacing	800 ✓	
" " " Flat Plate Keel Angles	-		Third Deck, amidships, Angle, port T	250x90x10/15 ✓	
Side Keelsons, No. each side.....	-		Spacing	800 ✓	
" " thickness of Intercostal Plate.....	-		Fourth Deck, amidships, Angle, C or [-	
" " Angles	-		Spacing	-	
DOUBLE BOTTOM. (See Longl. Rpt. 1*)			Poop Deck, Angle, C or [-	
Solid Floors, thickness and-spacing	12 x 2,400 ✓		Spacing	-	
" " Are Frame and Reversed Frame joggled ?	welded ✓		Bridge Deck, Angle, port T	125x75x10 ✓	
Bracket Floors, breadth and thickness at middle line	875x11 flanged 75 ✓		Spacing	800 ✓	
" " breadth and thickness at margin plate	750x11 flanged 75 ✓		Forecastle Deck, Angle, port	200 x 10 B.PL. ✓	and as approved
			Spacing	650 610 ✓	

PILLARS AND DECKS.										EQUIPMENT No. 4727 (Metric) ✓ LETTER <u>et</u> ✓ ANCHORS.									
PILLARS, No. of Rows					2					Stringer Plate, breadth and thickness in way of Bridge					1,600x11 ✓				
Upper					dia.					Thickness of Plating abreast Deck openings in way of Wells					10 ✓				
in 'tween Decks, Size and Spacing					300x14 ✓ 250x10 ✓					at Hatch ends									
in Lower 'tween Deck,					450x16 ✓ 400x14 ✓					at Hatch ends									
in Holds					600x18 ✓ 500x18 ✓					at Hatch ends									
in Engine Room (P. & S.)					400x12 with 4,000 apart 550x14 F. Plate														
Centre Line Bulkhead. (in Deep Tank)					250x90x11/14.5 ✓					800 ✓									
Stiffeners and Spacing																			
Plating, thickness of					13, 11.5, 11, 10.5, 10 ✓														
STRINGERS AND DECKS.										Third Deck.									
Uppermost Continuous Deck.										Stringer Plate, breadth and thickness									
Stringer Plate, breadth and thickness in Wells										1,790x26 ✓									
" " " " in way of Bridge										1,790x26 and 28 ✓									
" Angle in Wells										200x200x25 ✓									
Thickness of Plating abreast Deck openings in way of Wells										23.5 ✓									
Thickness of Plating abreast Deck openings in way of Bridge										23.5 ✓									
Thickness of Plating within line of openings										9.5 ✓									
If Sheathed, material and thickness										12mm Dex-O-Tex over Refrigerated Spaces. 30mm Deck Composition inside Bridge house									
Second Deck.										Stringer Plate, breadth and thickness in Wells									
Stringer Plate, breadth and thickness in Wells										1,600 x 11 ✓									
Fourth Deck.										Stringer Plate, breadth and thickness									
Stringer Plate, breadth and thickness										1600x8 ✓									
If Plated, state thickness										8 ✓									
Poop Deck.										Stringer Plate, breadth and thickness									
Stringer Plate, breadth and thickness										-									
If Plated, state thickness										-									
Bridge Deck.										Stringer Plate, breadth and thickness									
Stringer Plate, breadth and thickness										1,790x8 ✓									
Plating, Sheathing, material and thickness										6 & 7 ✓									
Forecastle Deck.										Stringer Plate, breadth and thickness									
Stringer Plate, breadth and thickness										-									
Plating, Sheathing, material and thickness										8 & 12 in way of wind ✓									
ANCHORS.										CHAIN CABLES.									
12297 1st Bower										84 0 25 ✓									
12299 2nd "										84 2 13 ✓									
12298 3rd "										83 2 15 ✓									
12300 Stream										252 1 25 ✓									
Description of Anchor.										Stockless									
Makers.										Tokyo Steel Casting Co., Ltd.									
Where and when tested, and Superintendent.										Tokyo 6-2-58 T.N.									
Description of Anchor.										Stock									
Makers.										Tokyo 6-2-58 T.N.									
Where and when tested, and Superintendent.										Tokyo 6-2-58 T.N.									
HAWERS AND WARPS.										TOWLINE									
Length and Size supplied.										240' 44' 95.1' 220' 32'									
Breaking Test of Steel Wire.										200' 26mm 23.1' 200' 32'									
Material.										200' 70mm 29.5' Fibre									
Description of Cable.										Special Komatsu Mfg. Co., Ltd.									
Makers of Cables.										Komatsu 25-12-57									
Where and when tested, and Superintendent.										25-1-58									
Description of Cable.										Galvanized Steel Link									
Makers of Cables.										Tokyo Seiko K.K.									
Where and when tested, and Superintendent.										Tested by NK									
Description of Cable.										Electric hydraulic									
Makers of Cables.										Two independent sets of pumps & motors									
Where and when tested, and Superintendent.										None									
Description of Cable.										Windlass Electric									
Makers of Cables.										Boats (1-Motor)									
Where and when tested, and Superintendent.										150x50mm pine									
Description of Cable.										Cargo Battens, thickness, material and spacing									
Makers of Cables.										230mm apart									
Where and when tested, and Superintendent.										Mac Gregor Type									
Description of Cable.										Strongly constructed steel plate									
Makers of Cables.										Thickness of Hatches									
Where and when tested, and Superintendent.										No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100									
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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.)

Vegetable oil can be carried in deep tanks abaft engine room. P.403 steel is used on flat plate keel, "A" strakes and upper deck plating as indicated on the plan attached, and mill sheet details are also marked on the plan.

The following "Approved Plans" forwarded herewith:—

- (1) Midship Section (2) Construction Profile and Deck Plan (2 sheets)

The following "As built plans" forwarded herewith:—

- (1) Midship Section (7) Fore Peak Tank (2 sheets)
(2) Shell Expansion (8) After Peak Tank
(3) Construction Profile and Decks (2 sheets) (9) Cruiser Stern
(4) W.T. and O.T. Bulkheads (10) Saloon Deck and Steel Wall Under
(5) Rudder and Sternframe (11) Boat Deck and Steel Wall Under
(6) Double Bottom in Engine Room (2 sheets) (12) Diagram of P.5 (P.403) Steel
(13) Capacity Plan

The following forging and casting certificates forwarded herewith:—

Sternframe M-46527
Rudder post M-46529
Rudder stock M-47764
Rudder coupling M-46387

Circular No.2051 Navigation aids: Nil

Type of Ship: Flush deck with forecastle.

Dimension: Extreme Breadth 64'-7 1/2", Rise of Floor 5 7/8"
Moulded Dimensions: L-476.40, B-64.31, D-41.01 (in feet)

Deck Factor:— F = 1.082

The scantlings are suitable for voyages in the loaded condition with the midship deep tanks empty.

Sister Ship: "MUSASHISAN MARU" (Kobe Rpt.FE-5581), "MAYASAN MARU" (Kobe Rpt.FE-5800)

PARTICULARS OF ELECTRIC WELDING (if employed) All welded except shell seams E/F, F/G, M/S, stringer connection to deck and shell.

Welding carried out by experienced operators using approved electrodes.

Radiographic inspection carried out during construction with satisfactory results.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Part electrically welded, cruiser stern, E.S.D., D/F, GYC., RDR., Lloyd's A & CP., Oil Engine

"Longitudinal framing at deck and bottom"

"Carrying vegetable oil in deep tanks Aft"

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. MK-2

State Name of Maker and/or Supplier Sperry Gyroscope Co.

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

1st Bower	56.0.10 ✓ T.N.	Y-12293	29.1.58
2nd "	56.1.4 ✓ T.N.	Y-12295	29.1.58
3rd "	55.3.5 ✓ T.N.	Y-12294	29.1.58

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 44.07

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 81040 Signal Letters J K B N Extreme Breadth over Belting 64.60 Ft. ✓ Over-all Length 513.65 ft. ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Two steel decks, 3rd steel deck clear of No.6 hold ✓

Parts of Bottom of Vessel coated with cement of approved composition Fore and after peak tanks, fresh water, feed water and ballast water tanks in double bottom. Chain locker - Bitumastic solution.

Particulars of composition (if fitted) and of approval —

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	123.36	178	Fore peak tank,	—	245
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—
Double bottom, if under Engines only,	63.0	O.F. and part F.W.	Deep tank, aft,	No.1	18.37
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	No.2	23.62
Double bottom, forward,	194.9	303	Other tanks, if fitted, Tunnel side tanks	38.88	178
Total length (if continuous) and Capacity	381.26	303	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 630

Date 14-3-57.

Dates of Surveys held while building

S.N. 1957: Dec.3,4,6,9,13,19,23,24,25,28,
1958: Jan.6,7,8,10,11,14,15,16,17,18,20,21,22,23,27,28,29,30,31, Feb.1,3,4,5,6,7,
12,13,14,15,18,19,21,22,24,28, Mar.3,4,5,6,7,8,13,17, Apr.18,24, May 2,7,
June 17,19,24,26,27, July 10. S.N. 64 visits.

J.R.C. 1957: Dec.12,
1958: Jan.31, Feb.6,7,24, Mar.17,31, June 17.
J.R.C. 8 visits. Total No. of Visits 72

Lloyd's Register Foundation

PARTICULARS OF LONGITUDINAL FRAMING.

FE-5921

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.
of L, C or C												
Bridge 'tween Decks ...												
from Uppermost Continuous No. 1												
" 2												
" 3												
" 4												
" 5												
" 6												
" 7												
" 8												
" 9												
" 10												
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
ing of (Amidships ...												
tudinal ...												
mes (At Ends ...												
Tank Top Longitudinals	230x11 B.PL	✓		Plate Floors fitted as follows.								
Bottom "	230x11 B.PL	✓		At every 3rd frame amidship								
Longitudinals { Amidships	875	✓		At every 2nd frame under deep tank.								
{ At ends...	875	✓		At every frame in engine space and 0.25L forward.								
Transverses.												
{ Depth and Thickness												
{ Face Angles												
{ Lugs to Shell*												
{ Depth and Thickness												
{ Face Angles												
{ Lugs to Shell*												
{ Depth and Thickness												
{ Face Angles												
{ Lugs to Shell*												
" " Back Bars												
Brackets												
of Transverse Frames ...												
State if joggled or liners.												
Bridge Deck...	-			-								
Upper "	150 x 90 x 12	✓		-								
Second "	-			-								
Third "	-			-								

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.

Built

Crankshaft type: Built, semi-built, solid. (State which)

340mm

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