

RECEIVED

19 JUL 1949

DISCLOSED
SECTIONN/N "SHINANO MARU"
STEEL STEAMER OR MOTORSHIP.

Received at London Office 13 JUL 1949

IN D.O.

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.Date of completion of report 28th JunePort of NEWPORT MON.No. 25815Survey held at NEWPORT MON.Date First Survey 6th December 1948Last Survey 13th April1949

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

"VERGRAY" (EX EMPIRE GARRY.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

State Type of Erections Prop. Bridge & Tails

TONNAGE under Tonnage Deck ...

7808.40CLASS 100 A1

State if with freeboard as condition of Class

Built at WEIERMUNDE G.

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

Total

Tonnage 8551.29er Tonnage 5218.71REGISTERED DIMENSIONS
FEET490.1262.532.3

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

L 488.10

Breadth (greatest moulded)

B 62.0

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

D 34.78

1st Longitudinal Number (L x D)

16,903

2nd Numeral L x (B + D)

47,211

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

20.53

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

34.78/20.53

Do. Long Bridge to top of keel

Draught Moulded

34.57Launched Yard No.Builders DEUTSCHE SCHIFF- und MASCHINENBAU G.Owners VERGOCEAN STEAMSHIP COY. LTD.Managers 80.

(Where necessary to be entered in Reg. Book)

Residence CREECHURCH HOUSE,CREECHURCH LANE, LONDON.Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock

AFLOAT - DRY DOCK.

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	840" 33"	33.07"	Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	700" 20"	27.56"	" " Reversed Frame	✓	
" " in peaks	600" 24"	23.62"	" " Vertical Struts	✓	
IDE FRAMING.	11.81	11.81 x 3 1/2 x .53	Centre Girder, depth and thickness amidships	43" 5/8"	
Frame Amidships, Angle, [or]	11.81	11.81 x 3 1/2 x .53	" " top Angles	3 1/2" 3 1/2" .55	
" " Extends up to LOWER DECK	11.81	11.81 x 3 1/2 x .53	" " bottom Angles	5" 5" .60	
" " " LOWER TO UPPER DECK	9.84	9.84 x 3 1/2 x .43	Side Girders, No. each side and thickness	2" .42"	
Reversed Frame Amidships, Angle	9.84	9.84 x 3 1/2 x .43	Margin Plate depth (excl. of flange) and thickness	41" .55	
" " Extends up to	9.84	9.84 x 3 1/2 x .43	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	5 1/2" 5 1/2" .50	
Depth of Framing Girder	1 1/2"	1 1/2" x 3 1/2 x .43	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	5 1/2" 5 1/2" .50	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	9.84	9.84 x 3 1/2 x .43	" " Gussets, spacing and scantling abaft 1/2 len. from stem	1 1/2" 4 1/2" Flange .25"	
" " Second 'tween Decks, Angle, [or]	9.84	9.84 x 3 1/2 x .43	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	1 1/2" 4 1/2" Flange .25"	
" " Third	9.84	9.84 x 3 1/2 x .43	Tank Side Brackets, height above base line at toe of Frame and thickness	1 1/2" 7 1/2" .50	
" " from 1/2 len. for'd. to 15% len. from Stem	11 1/2" 3 1/2" .60	11 1/2" x 3 1/2 x .60	INNER BOTTOM PLATING.		
" " in Peaks, Angle, [or]	10" 3 1/2" .50	10" x 3 1/2 x .50	Breadth and thickness of Middle Line Strake	50" .55	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3.11.49	3.11.49	Thickness of remainder in Holds	45"	
State if Frame Joggled	✓		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?	✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	✓		Uppermost Continuous Deck, amidships	9 1/2" 3 1/2" .50	
DOUBLE BOTTOM.			" " in way of Bridge, Angle, [or]	9 1/2" 3 1/2" .50	
Floors, Depth and thickness at mid-line in Holds	✓		Spacing	33"	
Height of Brackets at side above base line at toe of frame	✓		Second Deck, amidships, Angle, [or]	11" 3 1/2" .45	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	33"	
" " Through Plate or Inter-costal Plate	✓		Third Deck, amidships, Angle, [or]	✓	
" " Foundation Plate on Floors	✓		Spacing	✓	
" " Flat Plate Keel Angles	✓		Fourth Deck, amidships, Angle, [or]	✓	
Side Keelsons, No. each side	✓		Spacing	✓	
Thickness of Inter-costal Plate	✓		Poop Deck, Angle, [or]	6 1/2" 3 1/2" .40	
Angles	✓		Spacing	33"	
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	9" 3 1/2" .50	
Solid Floors, thickness and spacing	45" 33" APART		Spacing	33"	
" " Are Frame and Reversed Frame joggled?	✓		Forecastle Deck, Angle, [or]	9" 3 1/2" .40	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	24"	
" " breadth and thickness at margin plate	✓				

(MADE IN ENGLAND.)

011352-011359-023112clixm def

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	2 AT HATCH CORNERS.			
" in 'tween Decks, Size and Spacing	8½" and 13½"			
BRIDGE	6½"			
" in Holds	20"			
Centre Line Bulkhead.	✓			
Stiffeners and Spacing	✓			
Plating, thickness of	✓			
STRINGERS AND DECKS.	65¾" x 50. FORD.			
Uppermost Continuous Deck.	65¾" x 80. AFT			
Stringer Plate, breadth and thickness in Wells	65¾" x 45			
" " " " in way of Bridge	6" x 6" x 55.			
" Angle in Wells				
Thickness of Plating abreast Deck openings in way of Wells	50			
Thickness of Plating abreast Deck openings in way of Bridge	40.			
Thickness of Plating within line of openings...	40.			
If Sheathed, material and thickness	✓			
Second Deck.	56" x 40.			
Stringer Plate, breadth and thickness in Wells				
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings...				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Fourth Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck.	34½" x 35.			
Stringer Plate, breadth and thickness	25" x 3"			
Plating, Sheathing, material and thickness ...				
Bridge Deck.	65¾" x 65.			
Stringer Plate, breadth and thickness	50" x 3"			
Plating, Sheathing, material and thickness ...				
Forecastle Deck.	34½" x 35.			
Stringer Plate, breadth and thickness	30" x 3"			
Plating, Sheathing, material and thickness ...				

STANTINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	No.	SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAFFED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.							Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	55	1.00	.80	.80		DOUBLE	1 1/2	4	4	1 1/2	4	LAPPED	
" Dblig. (if any)													
Bottom Plating, No. of Strakes	78	.73	.50	.50	for thickness as obtained by drilling	DOUBLE	15/16	4	4	15/16	4	LAPPED	
Bilge Plating, No. of Strakes	72	.73	.55	.55		"	7/8	3 1/2	4	7/8	3 1/2	"	
Side Plating, No. of Strakes	77	.65	.50	.50		"			4			"	
Upper Deck, Sheer strake in Wells	55	.72	.60	.60	See Rpt 8.	"			4			"	
Upper Deck, Sheer strake in Walls	55	.70	.60	.60		"			4			"	
Strake below Sheer strake in Walls	76	.70	.60	.60		"			4			"	
Strake below Sheer strake in Bridge	76	.70	.60	.60		"			4			"	
Poop Side Plating		.40				SINGLE			2			"	
Bridge Side Plating	55	.70				DOUBLE			4			"	
Forecastle Side Plating	77	.74				DOUBLE			2			"	

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

	Casting or Forging.	Scantlings.	Maker's Name.	Any Dep't from App. Plans to be
KEEL, Bar	✓	✓	✓	✓ the
STEM				
STERN FRAME	<div> <div>Propeller Post</div> <div>Rudder</div> </div>			
Speed of Vessel				
RUDDER—Type				
" A X D				
" Diam. of head				
" Mainpiece at top pintle				
" " heel				
" how constructed				
" double or single plate coupling, vertical or horizontal				

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	.45.	4½" x 30.	27½"		
Second	.45	"	"		
Third	"	"	"		
Holds	.40.	12" x 3½" x 60 ft.	27½"		
COLLISION (in Hold)	.45	11" x 3½" x 60	24"		
AFTER PEAK	.35.	10" x 3½" x 40 ft.	24"		
		7½" x 3½" x 40 ft.	24"		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....

Has the Steel been tested as required by the Rules?

EQUIPMENT No.										LETTER				ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53. Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
	1st Bower ...														
	2nd														
	3rd "														
	Collective weight														
	Stream														

[illegible]

Steering Gear, Type (Power or hand) TELE MOTOR. ✓

Alternative Means of Steering EMERGENCY GEAR. ✓

Steering Chains (Size and Test) _____ Windlass HEAVY. ✓

Ceiling in Holds, thickness and material 2 1/2" and 3" THICK, W.W. Boats 4 LIFEBOATS (GREEN). ✓

Cargo Hatchways (Upper Deck) 6. ✓ Cargo Battens, thickness, material and spacing 8" x 2" SPACED
ONE CENTER.

See Old Plan Thickness of Hatches 3" ✓

Size of Hatchways No. 1 (Fwd.) 32' 6" x 19' 8" ✓ No. 2 38' 4" x 21' 5" ✓ No. 3 38' 4" x 21' 5" ✓ No. 4 35' 9" x 19' 8" ✓ No. 5 33' 1" x 19' 8" ✓ No. 6 22' 0" x 19' 8" ✓

Number of Shifting Beams }
and/or Fore and Afters } 5. ✓ 6. ✓ 3. ✓ 4. ✓ 5 (6) 5. ✓ 3. ✓

Builder's Signature _____

[illegible]

Steering Gear, Type (Power or hand) TELE MOTOR. ✓

Alternative Means of Steering EMERGENCY GEAR. ✓

Steering Chains (Size and Test) _____ Windlass HEAVY. ✓

Ceiling in Holds, thickness and material 2 1/2" and 3" THICK, W.W. Boats 4 LIFEBOATS (GREEN). ✓

Cargo Hatchways (Upper Deck) 6. ✓ Cargo Battens, thickness, material and spacing 8" x 2" SPACED
ONE CENTER.

See Old Plan Thickness of Hatches 3" ✓

Size of Hatchways No. 1 (Fwd.) 32' 6" x 19' 8" ✓ No. 2 38' 4" x 21' 5" ✓ No. 3 38' 4" x 21' 5" ✓ No. 4 35' 9" x 19' 8" ✓ No. 5 33' 1" x 19' 8" ✓ No. 6 22' 0" x 19' 8" ✓

Number of Shifting Beams }
and/or Fore and Afters } 5. ✓ 6. ✓ 3. ✓ 4. ✓ 5 (6) 5. ✓ 3. ✓

Builder's Signature _____

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

Equipment on board. 3 Bower anchors. 1 Kedge and 1 Steam anchor.
16 lengths chain cable. 2 7/8" DWS. and 3 lengths chain cable. 2 3/4" DWS. Total 285 fms.
The vegetable oil fuel tanks fore and aft. have now been converted for the carriage of oil fuel to be used as fuel. (per approved plans. drawn 14. 12. 48) F.P. about 150°F.
The vessel was originally built under the supervision of the Surveyors to the Admiralty Dockyard and classed with that Society +100%
The Special Survey for Classification has been held (See report 8) and the vessels condition and Standard of workmanship as now seen is considered to be good and satisfactory
The steering gear, winches and blye sections were examined under working conditions and found satisfactory.
Applicable requirements of Section 20 of the Rules complied with. See letter 3.11.49

amount of Entry Fee..... £ : : } Fees applied for,
Special Survey Fee..... £ *Recd Rp 8* } 19
Travelling Expenses, if any £ : : } Received by me,
19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed *100 AT.*

whether the Vessel has been built under Special Survey.....

to be sent to *Admiral*..... Date of issue *19/12/49*

Committee's Minute *FRI. 14 OCT 1949*

Character assigned *See minute on Rpl. 8*

Signature *[Signature]*
Surveyor to Lloyd's Register of Shipping.

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.)

photos of. Midship Section. 2.
Longitudinal and Decks.
General arrangement.
Rudders.
on Steel Buckers fore and aft.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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

1st Bower
2nd "
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 66.0 ft., R.Q.D. ft., Bridge 285. ft., Forecastle 59. ft.

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

Official No. 181638. Signal Letters GBCD. Extreme Breadth over Belting (Circ. 1611)
No. and Material of Decks 2. Steel. Over-all Length (Circ. 1703)
Parts of Bottom of Vessel coated with cement or approved composition Cement. ✓

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, 165.35	167' 9"	546.	Fore peak tank,		146
Double bottom, under Engines and Boilers,			After peak tank,		132
Double bottom, if under Engines only, 41.65	27' 6"	140.	Deep tank, aft,		
Double bottom, if under Boilers only,	41' 3"	Day Tanks.	Deep tank, forward,		
Double bottom, forward, 199.80	206' 3"	754.	Other tanks, if fitted,		
Total length (if continuous) and Capacity 436.80	442' 9"	1440.	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building



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Total No. of Visits