

STEEL STEAMER or MOTORSHIP.

Received at London Office

NOV 26

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

18/10/37

Port of

*Yokohama*No. *6236*

Survey held at

Yokohama

Date First Survey

3/5/37

Last Survey

13th October, 1937

On the

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

*Single Screw Motorship**YUKAGIR**Machinery fitted aft.*

State Type

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

Full Scantling

State Type of Erections

Roof 7' etc.

TONNAGE under Tonnage Deck

1196

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

Total

Gross Tonnage

1435

Register Tonnage

*860*REGISTERED DIMENSIONS.
FEET.

Length

Breadth

Depth

CLASS *100 A1*

State if with freeboard as condition of Class

*EP*Built at *Yokohama*Length overall *75 metres*

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

L 72,000

Breadth (greatest moulded)

B 11,000

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

D 6,200

1st Longitudinal Number (L x D)

= 4805

2nd Numeral L x (B + D)

= 13330

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

11-61

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

Do. Long Bridge to top of keel

Draught Moulded

*5,305*Launched *9th July 1937* Yard No. *264*Builders *Chitubishi Jalogys KK.*Owners *Union Socialist Soviet Republics*

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry *MURMANSK*

Surveyed while building, afloat, or in 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	<i>600</i>	✓	Bracket Floors, Frame	✓	
" " from $\frac{3}{8}$ length to Collision bulkhead	"	✓	" " Reversed Frame	✓	
" " in peaks	"	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>36</i>	✓
Frame Amidships, Angle, \angle or \square	<i>180 75 9.5</i>	✓	" " top Angles	<i>75 75 9</i>	✓
" " Extends up to	<i>2nd dk.</i>	✓	" " bottom Angles	<i>90 90 10</i>	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<i>30</i>	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	<i>180</i>	✓	" " Vertical Angle to Tank side	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \square	<i>150 75 8</i>	✓	" " Bracket abaft $\frac{1}{2}$ len. from stem	✓	
" " Second 'tween Decks, Angle, \angle or \square	✓		" " Vertical Angle to Tank side	✓	
" " Third " " FORE PEAK	<i>180 75 9.5</i>	✓	" " Bracket forward $\frac{1}{2}$ len. from stem	✓	
Framing in Peaks, Angle, \angle or \square	<i>150 75 8</i>	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 4 1/2</i>	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	✓	
State if Frame Joggled	<i>Yes</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Reb frames & panting stringers</i>	✓	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>See strengthening, int. frames fitted in fore hold and fore peak as per approved plan</i>	✓	Breadth and thickness of Middle Line Strake	<i>34</i>	✓
SINGLE BOTTOM. Shell plating increased thickness	✓		Thickness of remainder in Holds	<i>31</i>	✓
Floors, Depth and thickness at mid-line in Holds	✓		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?	<i>Yes</i>	✓
Height of Brackets at side above base line at toe of frame	✓		BEAMS.		
Middle Line Keelson, on Floors, Angles, \angle or \square	✓		Uppermost Continuous Deck, amidships	<i>150 75 8</i>	✓
" " Through Plate or Intercostal Plate	✓		" " in Wells, Angle, \angle or \square	✓	
" " Foundation Plate on Floors	✓		" " in way of Bridge, Angle, \angle or \square	<i>125 75 9</i>	✓
" " Flat Plate Keel Angles	✓		Spacing	<i>600</i>	✓
Side Keelsons, No. each side	✓		Second Deck, amidships, Angle, \angle or \square	<i>180 75 9.5</i>	✓
" " thickness of Intercostal Plate	✓		Spacing	<i>600</i>	✓
" " Angles	✓		Third Deck, amidships, Angle, \angle or \square	✓	
DOUBLE BOTTOM. fore hold			Spacing	✓	
Solid Floors, thickness and spacing	<i>32 600</i>	✓	Fourth Deck, amidships, Angle, \angle or \square	✓	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Poop Deck, Angle, \angle or \square	<i>125 75 9</i>	✓
" " breadth and thickness at margin plate	✓		Spacing	<i>600</i>	✓
			Bridge Deck, Angle, \angle or \square	<i>125 75 7</i>	✓
			Spacing	<i>600</i>	✓
			Forecastle Deck, Angle, \angle or \square	<i>150 90 9</i>	✓
			Spacing	<i>600</i>	✓

	Cheek INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	Cheek INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	Pillars are given in fore hold and engine room as approved plan ✓ <i>In fore hold one row</i> 230x80x80x9/16 JL ✓ <i>In engine space two rows</i>		Stringer Plate, breadth and thickness in way of Bridge	✓
" " " " " "	FNo 16 NQ 350 FNo 20-24 32 180x75x7/10 ✓ Oil tight 180x75x7/10 ✓		Thickness of Plating abreast Deck openings in way of Wells34 ✓
" " " " " "	JL		Thickness of Plating abreast Deck openings in way of Bridge	✓
Centre Line Bulkhead. Stiffeners and Spacing.....	[180 75 9.5 ✓		Thickness of Plating within line of openings..	✓
Plating, thickness of41 - .31 ✓		If Sheathed, material and thickness	✓
STRINGERS AND DECKS.			Third Deck. Stringer Plate, breadth and thickness	✓
Uppermost Continuous Deck.			If Plated, state thickness.....	✓
Stringer Plate, breadth and thickness in Way cargo tanks	1150 .50 ✓		Fourth Deck. Stringer Plate, breadth and thickness.....	✓
" " " " " , in way of Bridge			If Plated, state thickness	✓
" Angle in Wells cargo tank	150 150 12 ✓		Poop Deck. Stringer Plate, breadth and thickness	1150 .36 ✓
Thickness of Plating abreast Deck openings in way of Wells cargo tanks	.34 ✓		Plating, Sheathing, material and thickness ..	.30 65 O.P. ✓
Thickness of Plating abreast Deck openings in way of Bridge	- ✓		Bridge Deck. Stringer Plate, breadth and thickness.....	600 6 ✓
Thickness of Plating within line of openings..	- ✓		Plating, Sheathing, material and thickness ..	6 ✓
If Sheathed, material and thickness	✓		Forecastle Deck. Stringer Plate, breadth and thickness.....	610 .30 ✓
Second Deck. Stringer Plate, breadth and thickness in Wells....	1070 .36 ✓		Plating, Sheathing, material and thickness ..	.30 ✓

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?	NO	✓	RIVETING.								
	AMIDSHIPS.		FORWARD.						BUTTS.								
	AFT.		RIVETS.						No. of Rows of Rivets.		RIVETS.		STRAPPED OR LAPPED.				
	Breadth.		Thickness.						Diam.		Spacing cr. to cr.		Diam.		Spacing cr. to cr.		
	Inches.		Inches.						Inches.		Inches.		Inches.		Inches.		
FLAT PLATE KEEL	1092	.66	✓	.56	✓	.52	✓			Double	7/8	3 1/2	✓	3	7/8	3 1/8	Lapped
" DELG. (if any)																	
BOTTOM PLATING, No. of Strakes44	✓	.62	✓	.44	✓			"	3/4	2 5/8	✓	3-2	3/4	2 5/8	✓
BILGE PLATING, No. of Strakes44	✓	.62	✓	.38	✓			"	3/4	2 5/8	✓	3-2	3/4	2 5/8	✓
SIDE PLATING, No. of Strakes44	✓	.62	✓	.40	✓			"	3/4	2 5/8	✓	3-2	3/4	2 5/8	✓
UPPER DECK, Sheer-strake in Well	1100	.55	✓	.38	✓	.38	✓			"	7/8	3 1/2	✓	3-2	7/8	3 1/8	✓
UPPER DECK, Sheer-strake in Bridge ...	POOP FRONT	.75															
STRAKE BELOW Sheer-strake in Well	1500	.60	✓	.54	✓	.50	✓			"	7/8	3 1/2	✓	3-2	7/8	3 1/8	✓
STRAKE BELOW Sheer-strake in Bridge ...																	
POOF SIDE PLATING40-.30				Single	3/4	2 5/8	✓	3-1	3/4	2 5/8	✓
BRIDGE SIDE PLATING ...																	
FOREC'TLE SIDE PLATING		.32					✓			Single	5/8	2 1/4	✓	1	5/8	2 1/4	✓

FORGINGS and CASTINGS.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).
Tsurumi Seitetsu Tosei K.K. Piffon Seitetsu K.K. Open hearth

Has the Steel been tested as required by the Rules? *Yes*

Port of Yokohama, Continuation of Report No. 6236 dated 18-10-37 on the

	In ship	Rivets in long	Spacing rivets	Rivets in
		Dea & spacing	each side of	brackets to
		inches	transverses &	bulkheads
			bulkheads	Number dea.
Bottom longitudinal	[250 x 90 x 1/4.5]	3/4	4 1/2	3 3/8
Spacing	600			14 long. 7/8
Upper deck longitudinal	[150 x 75 x 8]	5/8	3 3/4	11 bks. 7/8
2nd " "	[180 x 75 x 9.5]	5/8	3 3/4	6 7/8
Spacing	600			7 7/8
Transverses		Rivets to shell		Bottom bilge girder
Upper Deck	(Depth & thickness 305 x .38) Face angles 175 x 90 x 9 Legs to deck 75 x 75 x 10	✓ Dea spacing ✓ 3/4 3 3/4	✓ intercostal between transverses ✓ Plate 550 x .40 ✓ Face angle 175 x 75 x 10 L ✓ .40 bracket to each frame	
2nd Deck	(Depth & thickness 410 x .40) Face angles 150 x 90 x 12 Legs to deck 130 x 130 x 11	✓ ✓ 3/4 3 3/4	✓ ✓ One horizontal girder at ship's side ✓ Plate 530 x .40, 90 FL. as approved plan	
Bottom	(Depth & thickness 760 x .38) Face angles 150 x 90 x 12 Legs to shell 130 x 130 x 11	✓ ✓ 3/4 3 3/4	✓ Centre line O. T. bulkhead ✓ Stiffeners 180 x 75 x 9.5] 600 apart ✓ Reb. stiff. & transverses 230 x 80. 3/2] ✓ Plating .41 - .31 ✓ 2 Horizontal girders ✓ Plate 530 x .40, 90 FL.	
Spacing	3000 x 24			
Reb frame, spaced	"			
Depth & thickness	250 x .40, 90 FL			
Shell angle	75 x 75 x 10	3/4	4 1/8	

0213 2/2

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.)

This vessel is sistership to motorship "NENETS" Yard No 265
/Ka. Report No. 6237.
A copy of the midship section of the vessel as built is forwarded.

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

Carrying Petroleum in Bulk. Strengthened for Navigation in Ice.
Cruiser stern. Longitudinal framing at bottom and decks.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	16-2-10 ✓ SS	1334	22-4-37
	2nd "	16-2-25 ✓ S	1338	"
	3rd "	16-2-7 ✓ "	1340	"
		7-2-9 ✓ "	1342	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 68.9 ft., R.Q.D. ft., Bridge ft., Forecastle 23.6 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 2 dks (summer tanks) 1 dk steel. ✓
Official No. ✓ ; Signal Letters ✓
Is bottom of vessel coated with cement yes in engine room ✓ if not give particulars of composition well and peaks.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. ft.	Water Capacity. Tons.	Where Fitted.	*Length. ft.	Water Capacity. Tons.
Double bottom, aft,	8.4	49.4	Fore peak tank,	5.4	28.4
Double bottom, under Engines and Boilers,	8.4	38.5	After peak tank,	3.6	40.5
Double bottom, if under Engines only,	8.4	38.5	Deep tank, aft,	8.4	33.7
Double bottom, if under Boilers only,	8.4	38.5	Deep tank, forward,		
Double bottom, forward,	8.4	38.5	Other tanks, if fitted,		
Total capacity of double bottom 87.9			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 35
Date 9.12.35.
Dates of Surveys held while building
3/5/37, 6/5, 10/5, 18/5, 26/5, 2/6, 11/6, 14/6, 18/6, 19/6, 22/6, 23/6, 26/6, 1/7, 3/7, 13/7, 29/7, 2/8, 5/8, 9/8, 13/8, 16/8, 21/8, 24/8, 25/8, 28/8, 30/8, 4/9, 6/9, 9/9, 11/9, 23/9, 13/10/37.