

Rpt. 1.

STEEL STEAMER OR MOTORSHIP.

Received at London Office

30009

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

19th of July 1947

Port of

Rotterdam

Survey held at

Flushing

Date First Survey

14th July '46

Last Survey

3 July

1947

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

Single screw steamer Komsomolsk

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

full scantling

State Type of Erections *and Forecastle* Poop - Bridge

TONNAGE under Tonnage Deck...)

2484.02

CLASS

100 A-

State if with freeboard as condition of Class

✓

Built at

Haverton Hill on Tees.

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

Length from fore part of stem to after part of stern

L 97.99

Breadth (greatest moulded)

B 14.63

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

D 6.93

1st Longitudinal Number (L × D).....=

2nd Numeral L × (B + D).....=

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

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

Do. Long Bridge to top of keel

Draught Moulded

19.9 3/4 = 6.036 m in drydock and afloat

Launched

Yard No. 257

Builders

Turner Shipbuilding Co. Ltd

Owners

U.S.S.R

Managers

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

Residence

Port of Registry

Vladivostok

If 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	622		Bracket Floors, Frame	5
" " from 1/2 length amidships to Collision bulkhead	622		" " Reversed Frame	5
" " in peaks	610		" " Vertical Struts	brackets
SIDE FRAMING.			Centre Girder, depth and thickness amidships	894 x 11 1/2
Frame Amidships, Angle, E or F	254 89 9.4	146 x 76 x 9	" " top Angles	single
" " Extends up to	upperdeck	on condition of 3 side stringers and web frames at hatch and beams	" " bottom Angles	single
WEB			Side Girders, No. each side and thickness	one 8 1/2
Reversed Frame Amidships, Angle	350 x 10	In Eng at every 5 frames In Boiler Room at every 6 frames In N hold at every 4-8-12-18-24 frames from Coll 18' and between N 1-2-3-4 hatch all as per approved plan	Margin Plate depth (excl. of flange) and thickness	890 x 10 1/2
" " Extends up to	maindeck		Vertical Angle to Tank side	89 x 89 x 10 1/2
Depth of Framing Girder	350		Bracket abaft 1/2 len. from stem	89 x 89 x 10 1/2
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			Vertical Angle to Tank side	89 x 89 x 10 1/2
" " Second 'tween Decks, Angle, E or F			Bracket from forward 1/2 len. from stem to Panting Area	11.2 continuous
" " Third " " " "			Gussets, spacing and scantling abaft 1/2 len. from stem	Continuous 11.2
" " from 1/2 len. for'd. to 15% len. from Stem	254 89 9.4	146 x 76 x 9	Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	Continuous 11.2
" " in Peaks, Angle, E or F	180 75 9.5		Tank Side Brackets, height above base line at toe of Frame and thickness	1590 x 10
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 mm spaced 133 mm (now mostly 7/8")		INNER BOTTOM PLATING.	
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake	1524 x 11
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes, equivalent		Thickness of remainder in Holds	9 1/2
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes, double riveted bottom frames and intercostal keelsons		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
SINGLE BOTTOM.			BEAMS.	
Floors, Depth and thickness at mid-line in Holds	-Double		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	228 x 89 x 13
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	228 x 89 x 13
Middle Line Keelson, on Floors, Angles, E or F	bottom		Spacing	622
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	
" " Foundation Plate on Floors	all		Spacing	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	
Side Keelsons, No. each side	over		Spacing	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or F	
" " Angles			Spacing	
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	127 x 64 x 7 1/2
Solid Floors, thickness and spacing	8 1/2 mm every 3 rd frame		Spacing	622
" " Are Frame and Reversed Frame joggled?	no		Bridge Deck, Angle, E or F	178 x 76 x 8 1/2
Bracket Floors, breadth and thickness at middle line	670 mm x 8 1/2 mm		Spacing	622
" " breadth and thickness at margin plate	1000 mm x 8 1/2 mm		Forecastle Deck, Angle, E or F	203 x 76 x 9
			Spacing	622

	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.....	Girders in line with		Stringer Plate, breadth and thickness in way of Bridge	✓	
" " " " "	half side coamings		Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "	supported by half end beams		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" " " " "			Thickness of Plating within line of openings..	✓	
Centre Line Bulkhead.			If Sheathed, material and thickness	✓	
Stiffeners and Spacing.....	200 x 76 x 9 spaced 2 frames		Third Deck.		
Plating, thickness of	7 1/2		Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECKS.			If Plated, state thickness.....	✓	
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	1280 x 15, 6 m/l		Stringer Plate, breadth and thickness.....	✓	
" " " , in way of Bridge	1280 x 12 m/l		If Plated, state thickness	✓	
" Angle in Wells	153 x 153 x 15, 3 m/l		Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells	14 m/l		Stringer Plate, breadth and thickness	6 1/2 m/l	
Thickness of Plating abreast Deck openings in way of Bridge	8 m/l		Plating, Sheathing, material and thickness ...	6 1/2 m/l	
Thickness of Plating within line of openings...	8 & 7 1/2 m/l		Bridge Deck.		
If Sheathed, material and thickness	✓		Stringer Plate, breadth and thickness.....	1390 x 12 m/l	
Second Deck.			Plating, Sheathing, material and thickness ...	9 m/l unsheathed	
Stringer Plate, breadth and thickness in Wells...	✓		Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	680 x 7 m/l	
			Plating, Sheathing, material and thickness ...	6 1/2 unsheathed	

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if jogged?		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLER.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
FLAT PLATE KEEL	1140 ^{1/2}	14 ^{1/2}	15 ^{1/2}	15 ^{1/2}	14-15.	double	22 ^{1/2}	89 ^{1/2}	heble ^{1/2}	22 ^{1/2}	77 ^{1/2}	lapped ^{1/2}
" DELG. (if any)	✓	✓	✓	✓	In flat of bottom	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes ...3.....	2120	12 1/2 ^{1/2}	23 ^{1/2}	16 ^{1/2}	12 1/2-10 ^{1/2} forward 12 1/2 ^{1/2}	double	19 ^{1/2}	78 ^{1/2}	heble ^{1/2}	19 ^{1/2}	70 ^{1/2}	lapped ^{1/2}
BILGE PLATING, No. of Strakes4.....	1550	12 1/2 ^{1/2}	23 ^{1/2}	14 ^{1/2}	12 1/2-10 ^{1/2}	double	19 ^{1/2}	78 ^{1/2}	"	19 ^{1/2}	70 ^{1/2}	"
SIDE PLATING, No. of Strakes4.....	2020	12 1/2 ^{1/2}	23 ^{1/2}	14 1/2 ^{1/2}	For strengthening please see pages 3.	E/double	22 ^{1/2}	78 ^{1/2}	"	22 ^{1/2}	78 ^{1/2}	"
UPPER DECK, Sheer-strake in Wells. (G.)	2007 ^{1/2}	18 ^{1/2}	15 ^{1/2}	10 ^{1/2}	18 ^{1/2}				quadruple	22 ^{1/2}	85 ^{1/2}	"
UPPER DECK, Sheer-strake in Bridge (G.)	2007 ^{1/2}	14 ^{1/2}			14 -				heble ^{1/2}	22 ^{1/2}	77 ^{1/2}	"
STRAKE BELOW Sheer-strake in Wells. (F.)	2007 ^{1/2}	14 ^{1/2}	23 ^{1/2}	10 ^{1/2}	14 -	double	22 ^{1/2}	78 ^{1/2}	"	22 ^{1/2}	77 ^{1/2}	"
STRAKE BELOW Sheer-strake in Bridge (F.)	2007 ^{1/2}	14 ^{1/2}			14	double	22 ^{1/2}	78 ^{1/2}	"	22 ^{1/2}	77 ^{1/2}	"
POOP SIDE PLATING				8 ^{1/2}	8.	single	19 ^{1/2}	78 ^{1/2}	single ^{1/2}	19 ^{1/2}	70 ^{1/2}	"
BRIDGE SIDE PLATING ...	2000	12 1/2 ^{1/2}			12.5.	double	19 ^{1/2}	78 ^{1/2}	heble ^{1/2}	19 ^{1/2}	70 ^{1/2}	"
FORECASTLE SIDE PLATING			8 1/2 ^{1/2}		8 1/2.	single	19 ^{1/2}	78 ^{1/2}	single ^{1/2}	19 ^{1/2}	70 ^{1/2}	"

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *4 in ducking peak bulk head*

„ Deck next below *✓*

As per Rule *Two (5)*

	Casting or Forging.	Measuring.	Maker's Name.	Any Departure from A approved Plans to be Noted.
KEEL, Bar		pl	plate keel	"
STEM		soft	nose plate	"
STERN FRAME {	Propeller Post	Cast		
	Rudder	steel	305 x 200	
Speed of Vessel				1/2
RUDDER—Type		ordinary		plan
" A x D				
" Diam. of head	forged	250	dean	
" Mainpiece at top pintle		250	mm	
" " heel ...		✓		
" how constructed		E W		
" double or single plate		double plated	11	mm
" coupling, vertical or horizontal		Horizontal		

Has the Steel been tested as required by the Rules? ☒

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.			
35834	1st Bower ...	42	1	0				3 1/2	6	1	0 1/2	45-0-0 1/2	Byers Impa	L.P.H.S. 14-4-36
35840	2nd " ...	42	2	0				3 1/2	10	0	0 1/2	"	"	J. H. Butler 16-4-36
35842	3rd " ...	42	0	4				3 1/2	4	1	1 1/2	"	"	16-4-36
	Collective weight.	126	3	4								128-0-0 1/2		
40144	Stream	14	3	16	13	3	7	16	4	3	4 1/2	12-0-0 1/2	Ordinary Stock	L.P.H.S. 11-4-36 L. Paul

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Chr.		Tons.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Fathoms.	Ins.				Fathoms.	Ins.		Fathoms.	Ins.
10832	240	1 7/8	63 1/2	88 1/2	425	2	14	240	1 15/16	Stud	LPHS 30-6-36 478 Builder						
10343	30	1 7/8	63 1/2	88 1/2	62	0	27			End	Rotterdam 16.6.47 G. J. DE JONG	steel wire HAWES & WARRE	100	4	33.2	100	4
					48 1/2	3	13			Anchor holding for bulk Schiedam	See letter 13.10.47		2 x 90	3		2 x 90	2 1/2
		Chr.			3	3	12		Chr.								
Iron Stream Chain or Steel Wire	90	4 1/4		36.4				90	4 1/4	steel wire			2 x 90	3		2 x 90	2 1/4

Steering Chains (Size and Test) ✓ Windlass Steam patent [✓] Boats two Life Boats [✓]

Ceiling in Holds, thickness and material not fitted " Cargo Battens, thickness, material and spacing not fitted "

Cargo Hatchways.—(Upper Deck) *Steel plate and angle* Thickness of Hatches *64 mm plate*

Size of Hatchways No. 1 (Fwd.) 10,000 x 5,790 No. 2 10,000 x 5,790 No. 3 10,000 x 5,790 No. 4 10,000 x 5,790 No. 5 10,000 x 5,790 No. 6 10,000 x 5,790

Number of Stakes _____
and/or Fore and Afters _____

STAKE FULL LENGTH _____

Builder's Signature ICE STRENGTH SHELLPARKING 81.19% B1.23 B2.19

[illegible]

(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 (where required to be inserted in the Notation).

The construction of the vessel was found in accordance with the plans referred below

The workmanship as far as could be ascertained was found good.

and the structural arrangements of the bottom forward were found

The requirements of the Special Source Op. Classification have been

complied with, except the examination of tank top in bunkers

Plans approved: hulls, section and profile & decks. ↑ Remondin letter M 24-P-46

29-7-46

The amount of Estate Tax		Fees applied for,	(Special notations, where part of class, to be stated.)
\$	¢		

Special Survey Fee.... £ *122 report* : Received by me, _____
 I am of opinion the Vessel should be Classed *100 A-*

Travelling Expenses, if any £ : 19. Interim. Culkhead in forward hold dispensed
Strenothene! for Navigation in Feb.

Certificate to be sent to Worms addressee Date of issue 28/10/67

Committee's Minute ✓

Character assigned 100A- Subject
747 Fushina "Cargo batteries not fitted"

S.S. Flushing - 7.4) LMC 6.47 Strengthened for navigation

1-1 2000 F.D. 25B 22016 Spt.

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.)

Approved Midship Section
Profile and Decks

PARTICULARS OF ELECTRIC WELDING (if employed)

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

Strengthened for navigation in Ice
Intermediate frames and three stringers for full length
Intermediate Bulkhead in forward hold dispensed with

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	^{cub. gm. lbs} 25-0-24	A J D	N ^o 1020	date 27-3-36	Sunderland
	2nd "	24-2-10	A J D	N ^o 1033	date 31-3-36	" " "
	3rd "	24-2-21	A J D	N ^o 1034	date 31-3-36	" " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{20' 0"} 10,01 ft., R.Q.D. ft., Bridge ^{98' 0"} 91,83 ft., Forecastle 34,25 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated *not joined*

Official No. 242 Signal Letters U P O T Extreme Breadth over Belting ^(Circ. 1611) Over-all Length ^(Circ. 1703) 340,46 feet
No. and Material of Decks one steel deck
Parts of Bottom of Vessel coated with cement or approved composition cement

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.)

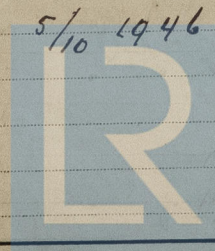
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	98.0	221.223	Fore peak tank,	19.0	41.36
Double bottom, under Engines and Boilers,	36.4	131.176	After peak tank,	16.0	96.69
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	132.56	346	Other tanks, if fitted,		
Total length (if continuous) and Capacity	267.26	698	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

17-30-31/7, 14-15/8, 5-19-27/9, 5/10 1946
12-20/3, 20/6, 2-3/7 1947



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Total No. of Visits 14