

## STEEL STEAMER or MOTORSHIP.

Received at London Office SEP 1927

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yesDate of completion of report 26<sup>th</sup> August 1926Port of LENINGRADNo. 3Survey held at LENINGRADDate First Survey 18<sup>th</sup> January 1926 Last Survey 26<sup>th</sup> August 1926On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Dr. "TOVARISTCH STALIN"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling

State Type of Erections (Poop, Bridge &amp; Fleets, winch platforms aft &amp; forward)

TONNAGE under Tonnage Deck... 1924.98CLASS 100 A.1. State if with freeboard) no  
Strengthened for Nav. in Ice as condition of ClassBuilt at LeningradLaunched 25<sup>th</sup> October 1925 Yard No. 166Builders Baltic Shipbuilding & Engineering WorksOwners Soviet Mercantile Fleet (Sovtorgflot)Managers ✓  
(Where necessary to be entered in Reg. Book.)Residence ✓Port of Registry Leningrad

If surveyed while building, afloat, or in dry dock

Afloat & in Dry Dock

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

Total 1924.98Gross Tonnage 2417.28Register Tonnage 1348.20REGISTERED DIMENSIONS.  
FEET:Length 276.74Breadth 42.98Depth 20.54Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 276.0Breadth (greatest moulded) B 43.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 22.641st Longitudinal Number (L x D) = 62512nd Numeral L x (B + D) = 18120Framing Depth "d," at middle of length. See Sec. 3 (1d) 19.7Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.2  
Do. Long Bridge to top of keel 8.75Draught Moulded ✓

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. mm?	Any Departure from Approved Plans to be Noted.		IN SHIP. mm?	Any Departure from Approved Plans to be Noted.
Spacing amidships	620	✓	Bracket Floors, Frame	—	
" from $\frac{1}{2}$ length to Collision bulkhead	620	✓	" " Reversed Frame	—	
" in peaks	600	✓	" " Vertical Struts	—	
AMIDSHIPS.			Centre Girder, depth and thickness amidships	900 x 11	✓
Amidships, $\frac{1}{2}$ length [ $\frac{1}{2}$ ]	220 x 80 x 9 x 13 $\frac{1}{2}$	appd. L x 20	" " top Angles	75 x 75 x 9	✓
" Extends up to	upper deck		" " bottom Angles	90 x 90 x 12	✓
Frame Amidships, Angle	—		Side Girders, No. each side and thickness	one, 9	✓
" Extends up to	—		Margin Plate depth (excl. of flange) and thickness	715, 10	✓
of Framing Girder	220	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	75 x 75 x 9	✓
es in Uppermost Continuous 'tween Decks, Angle, [ or [ ]	—		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	75 x 75 x 9	✓
" Second 'tween Decks, Angle, [ or [ ]	—		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	660 x 420 x 10 (alternate frames)	✓
" Third " " " " " " " " " " " "	100 x 75 x 9 75 x 75 x 9	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	600 x 460 x 10 (every frame)	✓
ing in Peaks, Angle or [ $\frac{1}{2}$ ]	100 x 75 x 11 Intermediate frames in fore peak for ice.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1380, 10	✓
eter and Spacing of Rivets through Frame and Shell Plating amidships	19 mm. at 7 dia.	✓	INNER BOTTOM PLATING.		
if Frame Joggled	120	✓	Breadth and thickness of Middle Line Strake	1200 x 11	✓
NG ARRANGEMENTS (Sec. 7), state system and particulars	Reverse angles fitted to Frames & Stringers fitted as approved. Coll. Bhd. to fr. 20. Also intermediate frames fitted for ice strengthening, L 160 x 80 x 14, to fr. 25.	✓	Thickness of remainder in Holds	11 x 9	✓
IGHTENING OF BOTTOM FOR- ARD. State Particulars	extra intercostal fitted, bottom frames doubled & increased riveting as approved.	✓	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	✓
E BOTTOM.			BEAMS.		
rs, Depth and thickness at mid-line in Holds	—		Uppermost Continuous Deck, amidships in Wells, [ $\frac{1}{2}$ ]	160 x 65 x 75 x 11	✓
Height of Brackets at side above base line at toe of frame	—		" " in way of Bridge, [ $\frac{1}{2}$ ]	do do	✓
dle Line Keelson, on Floors, Angles, [ or [ ]	—		Spacing	620	✓
" " Through Plate or Intercostal Plate	—		Second Deck, amidships, Angle, [ or [ ]	—	✓
" " Foundation Plate on Floors	—		Spacing	—	✓
" " Flat Plate Keel Angles	—		Third Deck, amidships, Angle, [ or [ ]	—	✓
le Keelsons, No. each side	—		Spacing	—	✓
" thickness of Intercostal Plate	—		Fourth Deck, amidships, Angle, [ or [ ]	—	✓
" Angles	—		Spacing	—	✓
BLE BOTTOM.			Poop Deck, $\frac{1}{2}$ length [ $\frac{1}{2}$ ]	180 x 70 x 8 x 12	✓
olid Floors, thickness and spacing	9, 620	✓	Spacing	alternate frames	✓
" Are Frame and Reversed Frame joggled?	no	✓	Bridge Deck, $\frac{1}{2}$ length [ $\frac{1}{2}$ ]	180 x 70 x 8 x 12	✓
acket Floors, breadth and thickness at middle line	—		Spacing	alternate frames	✓
" breadth and thickness at margin plate	—		Forecastle Deck, $\frac{1}{2}$ length [ $\frac{1}{2}$ ]	180 x 70 x 8 x 12	✓
			Spacing	alternate frames with intermediate L 130 x 85 x 10	✓







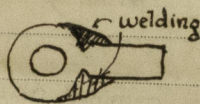
GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Winchlass, Steam & Hand Steering Gear, Hand pumps forward, and watertight door in Engine Room, examined and tried under working conditions and found satisfactory.

The vessel is fitted with Wireless, Submarine Signalling, and Electric Light.

The vessel was examined in dry dock at Cronstadt on the 8<sup>th</sup> July 1927 and subsequent dates, bottom cleaned, examined & found satisfactory and recoated. The stern post where previously repaired by electric welding at the second gudgeon from bottom (see below) specially examined and found satisfactory. Whilst in dry dock the fore and after peak tanks and all double bottom tanks were tested to rule requirements with satisfactory results.

During launching the rudder strut broke and rudder came over against sternpost, cracking same in way of second gudgeon from bottom. The damaged gudgeon was repaired by means of electric welding under the supervision of the Russian Register Surveyor (see copy of report on repair to gudgeon forwarded herewith.) It is recommended the repair be again specially examined when vessel is next in dry dock.



The collective weight of the Bower Anchors is about 1.47% less than required by the rules, but the weight of the Stream Anchor is in excess of that required.

A plan of midship section as built, casting report for quadrant and forging report for tiller, are forwarded with this report.

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

1st Bower	1138 Kilos.	W.E.L.	29-5-26.	N 4.
2nd "	1182 "	W.E.L.	29-5-26	N 5.
3rd "	1180 "	W.E.L.	29-5-26.	N 6.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 13.7 ft., R.Q.D. — ft., Bridge 68.4 ft., Forecastle 24.3 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

Aft winch platform 16.3 ft. fore winch platform 16.3 ft.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One deck (steel) & Erections as above

Official No.

Signal Letters

Under Engines & Boilers, yes

particulars of composition

Is bottom of Vessel coated with cement ☒ if not give

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	79.4	169	Fore peak tank,	-	43
Double bottom, under Engines and Boilers,	42.6	126	After peak tank,	-	21
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	105.8	230	Other tanks, if fitted,		
	Total capacity of double bottom	525	(If necessary, furnish further information by sketch.)		
no wells.		* The wells are not to be included in the lengths of the tanks.			

Order for Special Survey No.

Date

Dates of Surveys held while building

1926 Jan 18, June 9, 15, 24, 29, July 6, Aug. 12, 26, Sept. 1, 10, 20, 27, 29, Nov. 16, Dec. 13.  
1927 May 16, May 16<sup>th</sup>, June 3, 24, 27, 29, July 8, 11, 13, 15, 18, 22, 27, Aug. 17, 18, 19, 25.

Total No. of Visits 32