

Rpt. 1  
DISCLOSED  
RECEIVED  
SECTION  
No. 816A  
3 JAN 1952  
IN D.O.

# STEEL STEAMER OR MOTORSHIP

31 DEC 1951



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

27th December, 1951.

Port of Stockholm

No. 8470

Survey held at Norrköping

Date First Survey 4.7.1950

Last Survey 12.10.1951

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw m.t. "IRISH" (Machinery fitted aft).

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

State Type of Erections Fore, trunk, poop

TONNAGE under Tonnage Deck 742

CLASS +100A1 State if with freeboard -  
carrying petroleum in bulk Clof condition of Class -  
Length from fore part of stem to post on summer L.W.L. See Sec. 3 (1a) L 204'-0"  
Rudder stock -  
Breadth (greatest moulded) B 34'-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 14'-10"  
1st Longitudinal Number (L x D) = 3025  
2nd Numeral L x (B + D) = 9961  
Framing Depth "d," at middle of length. See Sec. 3 (1d) -  
Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.76  
Do. Long Bridge to top of keel -  
Draught Moulded 13'-11 1/2"

Built at Norrköping

Launched 16.12.1950 Yard No. 136

Builders AB Norrköpings Varv & Verkstad

Owners USSR

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

Residence -

Port of Registry Vladivostok

If surveyed while building, afloat, or in dry dock

While building, afloat on slipway.

space or spaces in Tonnage Dk. Upper Dk. -

tonnage 1113

Tonnage 523

REGISTERED DIMENSIONS. FEET

215.5

34.0

15.2

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm IN SHIP.	Any Departure from Approved Plans to be Noted.		mm IN SHIP.	Any Departure from Approved Plans to be Noted.
MES, Spacing amidships.....	572 ✓	-	Bracket Floors, Frame .....		
" " from 1/2 length amidships to Collision bulkhead.....	580 ✓	-	" " Reversed Frame.....		
" " in peaks .....	580 ✓	-	" " Vertical Struts .....		
FRAMING.			Centre Girder, depth and thickness <u>amidships</u>	1200 ✓	900 9.5
Frame Amidships, Angle, <u>150</u> <u>75</u> <u>8</u> ✓		-	" " top Angles .....		
" " Extends up to..... <u>Main deck</u> ✓		-	" " bottom Angles.....		welded construction
Reversed Frame Amidships, Angle .....	-	-	Side Girders, No. each side and thickness.....	one ✓	
" " Extends up to .....	-	-	Margin Plate depth (excl. of flange) and thickness .....		
Depth of Framing Girder.....	-	-	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	-	-	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....		
" " Second 'tween Decks, Angle, [ or ] .....	-	-	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " Third " " " " .....	-	-	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....		
" " from 1/2 len. for'd. to 15% len. from Stem <u>Angle</u> <u>150</u> <u>75</u> <u>8</u> ✓		-	Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>130</u> <u>65</u> <u>8</u> ✓		-			
" " <u>100</u> <u>75</u> <u>8</u> ✓		-			
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships .....	-	-	INNER BOTTOM PLATING.		
State if Frame Joggled.....	-	-	Breadth and thickness of Middle Line Strake...		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	Yes ✓	-	Thickness <u>9</u> ✓		-
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	Yes ✓	-	Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. <u>Yes</u> ✓		-
ANGLE BOTTOM. in Cargo tanks			BEAMS.		
Floors, Depth and thickness at mid-line in Holds.....	-	-	Uppermost Continuous Deck, amidships <u>in</u>	100	75 8 ✓
Height of Brackets at side above base line at toe of frame.....	-	-	" " <u>Web</u> Angle, <u>150</u> <u>75</u> <u>8</u> ✓		
Middle Line Keelson, on Floors, Angles, [ or ] .....	Cont. bulkhead ✓	-	" " in way of Bridge, Angle, [ or ] .....		
" " Through Plate or Inter- costal Plate .....	-	-	Spacing .....	572 ✓	
" " Foundation Plate on Floors .....	-	-	TRUNK		
" " Flat Plate Keel Angles	-	-	Second Deck, amidships, Angle, <u>150</u> <u>75</u> <u>8</u> ✓	100	75 8 ✓
Side Keelsons, No. each side.....	one ✓	-	Spacing .....	572 ✓	
" " thickness of Intercoastal Plate...	10 ✓	-	Third Deck, amidships, Angle, [ or ] .....	-	
" " <u>Angle</u> <u>300</u> <u>32</u> ✓		-	Spacing.....	-	
DOUBLE BOTTOM. in ER			Fourth Deck, amidships, Angle, [ or ] .....	-	
Solid Floors, thickness and spacing .....	9.5 ✓	-	Spacing.....	-	
" " Are Frame and Reversed Frame joggled? .....	7.5 every frame	-	Poop Deck, Angle, <u>150</u> <u>65</u> <u>8</u> ✓	100	65 8 ✓
Bracket Floors, breadth and thickness at middle line .....	welded construction	-	Spacing.....	580 ✓	
" " breadth and thickness at margin plate.....	-	-	Bridge Deck, Angle, [ or ] .....	-	
			Spacing.....	-	
			Forecastle Deck, Angle, <u>150</u> <u>75</u> <u>8</u> ✓	100	75 8 ✓
			Spacing.....	580	

DISCLOSED  
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012370-012376-0036 1/2



# PILLARS AND DECKS.

				mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.					mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	Number of Plating.	Length.	Width.
PILLARS, No. of Rows .....				-		Stringer Plate, breadth and thickness in way of Bridge .....				-		13	1st	
" in 'tween Decks, Size and Spacing .....				-		Thickness of Plating abreast Deck openings <del>in way of Bridge</del> .....				12		18	2nd	
" " " " " " .....				-		Thickness of Plating abreast Deck openings in way of Bridge .....				-		17	3rd	
" in Holds " " " " .....				-		Thickness of Plating within line of openings...				-		31	St	
" " " " " " .....				-		If Sheathed, material and thickness .....				-			Owner	
Centre Line Bulkhead. Stiffeners and Spacing .....				5	148x75x8 572	Third Deck. Stringer Plate, breadth and thickness .....				-		18	21	
Plating, thickness of .....				8.5	✓	If Plated, state thickness .....				-				
STRINGERS AND DECKS. Uppermost Continuous Deck. amidships						Fourth Deck. Stringer Plate, breadth and thickness .....				-				
Stringer Plate, breadth and thickness in way of Bridge				2620	9.5	If Plated, state thickness .....				-				
" " " " " in way of Bridge				-		Poop Deck. Stringer Plate, breadth and thickness .....				6.5	✓			
" Angle in Wells .....				welded	✓	Plating, Sheathing, material and thickness ...				6.5	wood	2 1/2"		
Thickness of Plating abreast Deck openings in way of Wells .....				-		Bridge Deck. Stringer Plate, breadth and thickness .....				-				
Thickness of Plating abreast Deck openings in way of Bridge .....				-		Plating, Sheathing, material and thickness ...				-				
Thickness of Plating within line of openings...				-		Forecastle Deck. Stringer Plate, breadth and thickness .....				-				
If Sheathed, material and thickness .....				-		Plating, <del>Sheathing, material and thickness</del> .....				7.5	✓			
TRUNK Second Deck. Stringer Plate, breadth and thickness in way of Wells				8	✓									

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	No. of Rows of Rivets.	RIVETS.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.				Diam.	Spacing cr. to cr. Inches.
Flat Plate Keel .....	1020	14.5	13	13					
Boss plate .....				10					
Bottom Plating, No. of Strakes .....		10.5	15	12/9					
Bilge Plating, No. of Strakes .....		10.5	15	9.5					
Side Plating, No. of Strakes .....	1500	10.5	15	8.5					
Upper Deck, Sheer- strake in Wells .....	1420	10.5	10.5	8.5					
Upper Deck, Sheer- strake in Bridge .....		-							
Strake below Sheer- strake in Wells .....		-							
Strake below Sheer- strake in Bridge .....		-							
Poop Side Plating .....			6.5						
Bridge Side Plating .....		-							
Forecastle Side Plating			7						

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c) .....	9
" Deck next below .....	-
As per Rule .....	9

## STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.		Spacing.		Scantlings.		Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks									
" " Second "									
" " Third "									
" " Tanks .....	9	130x65x8	640						
COLLISION " (in Hold) fr. 99	10/8	130x65x8	610						
AFTER PEAK " fr. 5	9/75	100x75x8	610						

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any De- parture from Approved Plans
KEEL, Bar .....	Plate keel			
STEM .....	forged	100 Dorman Long		
STERN FRAME { Propeller Post .....	cast	plan Hüttenwerke		
{ Rudder Head .....	forged	plan Kohlsaat Jern		
Speed of Vessel .....	11 knots	✓		
RUDDER—Type .....	streamline	✓		
" A x D x L .....	238 2	125 mm		
" Diam. of head .....	154 mm	✓		
" Mainpiece at top pintle .....	welded construction	✓		
" " heel .....				
" how constructed .....	as per plan	✓		
" double or single plate .....	double 9 mm plating	✓		
" coupling, vertical or .....	horizontal	✓		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).  
**Britannia Works, Cockerill Griseigne, Henricks hütte Hattingen Ruhr, Domarivets Jernverk, Hüttenwerke**  
**Hörde AG, Redcar Steelworks. Open Hearth Process.**  
 Has the Steel been tested as required by the Rules? **Yes.**



EQUIPMENT No. 11185 ft <sup>2</sup>										LETTER "m" ✓										ANCHORS.																			
Any Dep. of Approv. be		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.	Cwts.																									
13		1st Bower		22	0	7	Stockless			22	16	3	14	23:1:0	Halls Type		Brown Lennex		Dardiff 7.11.50 Dovey																				
18		2nd "		22	0	0	"			22	7	2	0	23:1:0	"		"		3.8.50 "																				
17		3rd "		22	0	0	"			22	7	2	0	20:1:0	"		"		3.8.50 "																				
		Collective weight		66	2	7								66:3:0																									
11		Stream		6	0	14	1	2	10	8	7	2	0		Iron Stock Ord.		J. Preston		LPHCH 30.10.50 Phillips																				
Owners consent. ✓										CHAIN CABLES.										Pattern E.W.										HAWSERS AND WARPS.									
ber of Reate.		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.	Stati- tory.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.									Length.	Cir.	Test.	Length.	Cir.															
		Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.									mm	mm	kgs	mm	mm															
		210	17	16	7	22	55	2	233:2:1	222:2:0	210	17	16	Mild steel stud link	Hansa Dort-M.W. 27.12.50 JQ				TOWLINE		165	83	22050	165	83														
																			HAWSERS & WARPS		165	57	10970	165	57														
																					165	44	6500	165	44														
Stream		M	mm			kgs					110	89																											

Type (Power or hand) Donkin electro hydraulic ✓

Alternative Means of Steering Hydraulic hand steering ✓

Windlass Helsingborgs Varv type A6 ✓

Boats 2x7.0x2.3x0.885=8.55m<sup>3</sup> ✓

30 men

olds, thickness and material 2 1/2 wood on 1" battens ✓

Cargo Battens, thickness, material and spacing Steel, 10 mm to tanks ✓

To oil cargo tanks steel 515 mm above trunk ✓

ways. (Upper Deck) To dry cargo hold: steel 815 mm above deck. ✓

Thickness of Hatches Steel, 12 mm to dry cargo hold. ✓

To oil tanks To dry cargo hold ✓

ways 1650x790 mm ✓

No. 3 1155x2000 ✓

No. 4 No. 5 ✓

No. 6 No. 6 ✓

Shifting Beams To dry cargo hold: steel cover stiffened by three longitudinal frames 90x7 flat bar welded to cover. ✓

Builder's Signature [Signature]

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. Motorship

ther the vessel, not being an oil tanker, is fitted for carrying oil as cargo. oil tanker

The positions in which oil is carried as fuel or cargo should be stated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and y's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended approved plans. The plans of Midship Section, and Profile and Decks, and Shell expansion showing the ship as now forwarded herewith have been checked with the approved arrangements and found in order. Approved plans forwarded with the report of the latest of the sister vessels, Yard No. 138. The materials and workmanship. The tanks, cofferdams, decks and bulkheads and W.T. doors have been tested in accordance with the Rules and requirements of Section 10 of the Rules 1950 have been complied with where applicable. The ship is constructed to carry petroleum in bulk and fuel oil in wing tanks in ER fwd. and in double bottom tanks in ER. Flash point above 150° F and the Requirements of Section 20 of the Rules 1950 have been complied with. Lubricating oil is carried in double bottom tanks in ER. The steering arrangements and the windlass have been tested satisfactorily under working conditions. The freeboard have been verified and marks cut in on the vessel's sides. Last undocking date 28th July, 1951. Alignment of keel was measured before launching and found good.

Amount of Entry Fee..... £ : : 27.12.19 51.

Freeboard Fee Kr. 270:--

Special Survey Fee..... Kr. 5815:--

Travelling Expenses, if any ..... Kr. 863:75

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

Received by me, I am of opinion the Vessel should be Classed +100A1

Carrying Petroleum in bulk.

Signature H. O. Allerton

Surveyor to Lloyd's Register of Shipping.

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

Certificate to be sent to Stockholm Office. Date of issue 18/2/52.

Committee's Minute TUES. 29 JAN 1952

Character assigned +100A1 Carrying Petroleum in bulk

7.51 Skm

+LMC 10.51 Oil Eng.

String the end

O.G.

for navigation in ice

DB 178/b

(with torsional rigidity)

note for S.R.L.

0036 2/2

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Lloyd's Register Foundation



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 copy of the Plans should be embodied.)

Approved plans will be forwarded together with the report of the latest sister vessel. Yard No. 138

As built plans now forwarded:

Longitudinal Section, Midship Section and shell expansion.

Swedish tonnage

Under deck 742

Gross 1122

Net. 722

SISTER VESSEL: "ISHIM", SKM REPORT NO 8072.



PARTICULARS OF ELECTRIC WELDING (if employed) Hull all welded. (E & B casing and deckhouse on poop, plating and stiffeners, riveted).

Electrodes : ESA 13 OK 48 OK Rapid.

Philips C 18.

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

Electrically welded. Cruiser stern. Strengthened for ice navigation.

Echo sounding device.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State } Maker  
Name } and/or  
of } Supplier

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

1st Bower	Head	13:2:16 HP.	566.27.5.50	Shank	7:2:2 HP	286 17.3.49
2nd	"	13:0:0 HP.	535.16.3.50	"	7:1:22 HP	531 2.3.50
3rd	"	12:3:16 HP.	536.16.3.50	"	7:1:22 HP	533 9.3.50

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 60' ft., R.Q.D. — ft., Bridge — ft., Forecastle 30' 3"

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

Official No. — Signal Letters UWJY Extreme Breadth over Belting — Over-all Length 224' 7"

No. and Material of Decks one deck, steel.

Parts of Bottom of Vessel coated with cement or approved composition Slushing oil in fore and aft peaks and deep tank.

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,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only, frs. 8.29	40	43.0	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, frs 94-99	9.5	11.7
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	40	43.0	(If necessary furnish further information by sketch.)		

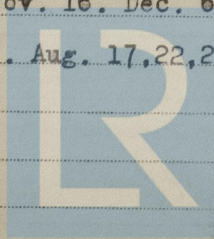
Order for Special Survey No. 47

Date 9.3.1950

Dates of Surveys held while building

1950:- July 4, Aug. 28, 31, Sep. 22, Oct. 5, 20, Nov. 16, Dec. 6, 11.

1951:- Jan. 24, 25, 31, Feb. 2, 7, 16, 27, July 2, 6, Aug. 17, 22, 29, 30, Sep. 10, Oct. 11.



Lloyd's Register  
Foundation  
Total No. of Visits 25

the auxiliary