

STEEL STEAMER OR MOTORSHIP.

Received at London Office

10 SEP 1946

State of Report has been sent on the Freeboard of the Vessel

YES

38095

State of Report is sent on the Machinery of the Vessel

YES

87462

Date of completion of report

6th September, 1946

Port of

GOTHENBURG

No.

14912

Survey held at

KALMAR

Date First Survey

22.1.46

Last Survey

22.8.46

19

On the

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

SINGLE SCREW MOTORSHIP

"IVAN"

MACHINERY FITTED AFT

State Type

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

FULL SCANTLING VESSEL

State Type of Erections

KELK, RQDK & Prop

TONNAGE under Tonnage Deck ...

327.29

CLASS

100 A1

State if with freeboard as condition of Class

No

Built at

KALMAR

Launched

24.4.46

Yard No.

353

Builders

KALMAR VARV

Owners

RED. AB RUTH

Managers

L. GLÜCKSMAN

(Where necessary to be entered in Log Book)

Residence

GOTHENBURG

Port of Registry

GOTHENBURG

If surveyed while building, afloat, or in dry dock

BUILDING AND Afloat

REGISTERED DIMENSIONS.

M. FEET

Length

49.80

Breadth

8.74

Depth

2.98

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

L 156'-0"

Breadth (greatest moulded)

B 28'-6"

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

D 12'-3"

1st Longitudinal Number (L x D)

1911

2nd Numeral L x (B ÷ D)

6357

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

MAIN DECK

RQDK

9'-7 1/2"

12'-10 3/8"

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

12.73

Do.

Long Bridge to top of keel

10.03

Draught Moulded

11'-10 3/8"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	M/M INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	M/M INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	610	✓	Bracket Floors, Frame	100 65 8.5 ✓
" " from 1/2 length amidships to Collision bulkhead.....	610	✓	" " Reversed Frame.....	90 65 8.5 ✓
" " in peaks	610	✓	" " Vertical Struts	180 x 8 = 70 x 11
SIDE FRAMING.			Centre Girder, depth and thickness amidships	800 x 9 ✓
Frame Amidships, Angle, E or F	140 65 7.5	✓	" " top Angle WELDED	4 4 ✓
" " Extends up to	RAISED Q.DK	✓	" " bottom Angle WELDED	4 4 ✓
Reversed Frame Amidships, Angle	130 65 8.5	✓	Side Girders, No. each side and thickness.....	490/510 x 7.5 ✓
" " Extends up to	MAIN DECK	✓	Margin Plate depth (excl. of flange) and thickness	WELDED 4 4 ✓
Depth of Framing Girder.....	—		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	— " —
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	—		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	— " —
" " Second 'tween Decks, Angle, E or F	—		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	— " —
" " Third 'tween Decks, Angle, E or F	—		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	— " —
" " from 1/2 len. from stem to 15% len. from stem	140 65 8.5	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	800 x 7 ✓
" " in Peaks, Angle	100 65 10	✓	INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 2 130	✓	Breadth and thickness of Middle Line Strake.....	1200 x 8 ✓
State if Frame Joggled.....	No	✓	Thickness of remainder in Holds	7 ✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	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 way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	✓	BEAMS.	
SINGLE BOTTOM. IN E.R. AFT			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	90 65 8 ✓
Floors, Depth and thickness at mid-line in Holds.....	575 x 8.5	✓	" " in way of Bridge, Angle, E or F	115 65 7 ✓
Height of Brackets at side above base line at toe of frame.....	1050	✓	" " Spacing	610 ✓
Middle Line Keelson, on Floors, Angles, E or F	—		RAISED QUARTER	
" " Through Plate or Inter-costal Plate	—		Second Deck, amidships, Angle, E or F	100 65 9.5 ✓
" " Foundation Plate on Floors	—		" " Spacing	610 ✓
" " Flat Plate Keel Angles	—		Third Deck, amidships, Angle, E or F	—
Side Keelsons, No. each side.....	ONE		" " Spacing.....	—
" " thickness of Inter-costal Plate.....	12.0	✓	Fourth Deck, amidships, Angle, E or F	—
" " TOP PLATE	500 x 22	✓	" " Spacing.....	—
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	130 75 9 ✓ see plan
Solid Floors, thickness and spacing	7 EV 380 FR	✓	" " Spacing	610 ✓
" " Are Frame and Reversed Frame joggled?	No	✓	Bridge Deck, Angle, E or F	—
Bracket Floors, breadth and thickness at middle line	700 x 7	✓	" " Spacing.....	—
" " breadth and thickness at margin plate.....	600 x 7	✓	Forecastle Deck, Angle, E or F	130 65 8 ✓
			" " Spacing.....	610

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 3 ✓
 Extending to ~~Upper~~ ^{FCLE} Deck (Sec. 3 c) 1 ✓
 „ Deck next below 2 ✓
 As per Rule 3 ✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		PLATE KEEL ✓		
STEM		FL BAR 165-50 AND ROLLED PLATE ✓		
STERN FRAME {	Propeller Post	FL BAR ✓		
	Rudder "	150-75 ✓		
Speed of Vessel		10.0 KNOTS ✓		
RUDDER—Type		BALANCE ✓		
" A × D. × 100		234		
" Diam. of head		140	TOTAL ✓	
" Mainpiece at top pintle		AS PER		
" " heel ...		APPD. ✓		
" how constructed		PLAN		
" double or single plate		DOUBLE 9 ✓		
" coupling, vertical or				
" horizontal		HORIZONTAL ✓		

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP	BULKH'D, Upper 'tween decks						
"	" ^H Second	"					
"	" Third	"					
"	" Holds <i>FR 1/8</i>	✓	<i>9.5-6.5</i>	<i>130-65.75</i>	<i>62.5</i>	—	—
COLLISION	" (in Hold)		<i>9.5-6.5</i>	<i>130-75.9</i>	<i>62.5</i>	<i>AS PER PLAN</i>	<i>AS PER PLAN</i>
AFTER PEAK	"		<i>12.0-7.5</i>	<i>100-65.8</i>	<i>75</i>	<i>61.0</i>	—

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) ELECTRICAL FURNACE
PROCESS, DOHNARFVETS JERNVETEK

Has the Steel been tested as required by the Rules? YES ✓

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.)

SISTER VESSEL M/S RUTH KALMAR VARV NO 353 GOTHENBURG FIRST ENTRY REPORT 1471190

THE FOLLOWING APPROVED PLANS NOW FORWARDED:—

MIDSHIP SECTION, LONGITUDINAL SECTION AND PLANS, SHELL EXPANSION, STEER FRAME AND BUDGET,
W.T. BULKHEADS, ALTERATION ON MARGIN PLATE AND CENTRE GIRDER, ALTERATION IN DECK STRENGTHENING,
SANITARY DISCHARGES ETC.

AS FITTED PLANS NOW FORWARDED:—

MIDSHIP SECTION, LONGITUDINAL SECTION AND PLANS, SHELL EXPANSION,

VARIOUS CERTIFICATES FORWARDED NOW AND WITH THE FIRST ENTRY REPORT OF M/S RUTH.

SWEDISH TONNAGE

GROSS 550.21

NET 354.21

UNDER DECK 337.29

PARTICULARS OF ELECTRIC WELDING (if employed) SEAMS AND BUTTS OF SHELL (EXCEPT ONE SEAM IN POOP). DECK PLATING, TANK TOP
BULKHEADS, MARGIN PLATE AND CENTRE GIRDER TO FLOORS, SHELL AND TANK TOP, VARIOUS OTHER DETAILS

ELECTRODES EMPLOYED: TM48 OK52P

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book STRENGTHENED FOR NAVIGATION IN ICE
ELECTRICALLY WELDED, DIRECTION FINDER, CRUISER STERN.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	HEAD	432 KGS 2967 BG 8.2.46	SHANK	187 KGS 2970 BG 8.2.46
	2nd "		432 KGS 2968 BG 8.2.46		183 KGS 2971 BG 8.2.46
	3rd "		432 KGS 2969 BG 8.2.46		190 KGS 2972 BG 8.2.46
		STEAM.	200 KGS 2973 BG 8.2.46	42' from plans	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.4 ft., R.Q.D. 58 ft., Bridge ft., Forecastle 19.4 ft.

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

Official No. 8792 Signal Letters S.L.G.D. Extreme Breadth over Belting (Circ. 1611) Over-all Length 170'-6" (Circ. 1703)

No. and Material of Decks ONE DECK (STEEL) ✓

Parts of Bottom of Vessel coated with cement or approved composition WATERBALLAST, FRESH WATER, FORE AND AFTER PEAK TANKS

Particulars of composition (if fitted) and of approval CEMENT WASHED

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,	17 ✓	30.8 ✓
Double bottom, under Engines and Boilers,			After peak tank,	16 ✓	15.1 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	100 ✓	104.4 ✓	(If necessary furnish further information by sketch.)		

FW TANKS IN AFTER PEAK TANK NOT INCLUDED IN TOT. CAP. 9.743 FO TANKS IN DB NOT INCLUDED IN TOT. CAP. 2420.3 M3

Order for Special Survey No. 391

Date 1.11.44

Dates of Surveys
held while building

JAN 1946 22 FEBR 10 APRIL 18.20 MAY 23.24 JUNE 28.29 JULY 1
AUG 16.17.22



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