

RECEIVED

18 APR 1950

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 17 APR 1950

IN D.O.

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 31-3-50

Port of GRONINGEN

No. 439a

Survey held at MARTENSHOEK

Date First Survey 23-2-49

Last Survey 29-3-

1950

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw steel m.v. BERGO Mchy aft

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

State Type of Erections F, R.Q.D.

TONNAGE under Tonnage Deck 424.61

CLASS 100 A 1

State if with freeboard as condition of Class No

Built at MARTENSHOEK

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 50.25

Launched 18-1-1950 Yard No. 377

Breadth (greatest moulded) B 8.85

Builders BODEWES SCHEEPSWERVEN

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 4.05

Owners EDGAR ERIKSON

Total

Gross Tonnage 599.48

Register Tonnage 369.37

1st Longitudinal Number (L x D) = 201

Managers

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

2nd Numeral L x (B + D) = 646

Residence MARIEHAMN (Finland)

## REGISTERED DIMENSIONS.

FEET.

Length 168.4

Breadth 29.2

Depth 11.4

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







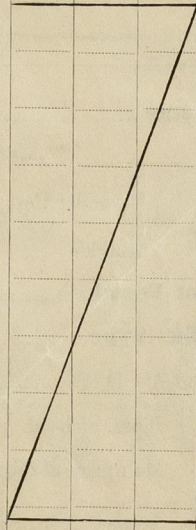















Braught Moulded 3.652

Port of Registry MARIEHAMN

If surveyed while building, afloat, or in dry dock

while Building

## 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.
<b>FRAMES, Spacing amidships</b> .....	550 ✓		<b>Bracket Floors, Frame</b> .....	A.B. 100 75 8 ✓	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	550 ✓		" " Reversed Frame .....	A.B. 100 75 8 ✓	
" " in peaks .....	550 ✓		" " Vertical Struts .....	75 360 75 7 ✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b> .....	750 9 ✓	
Frame Amidships, Angle, 	130 75 8 ✓		" " top Angles .....	E.W. ✓	
" " Extends up to .....	deck ✓		" " bottom Angles .....	E.W. ✓	
Reversed Frame Amidships, Angle .....	75 65 8 ✓		<b>Side Girders, No. each side and thickness</b> .....	✓	
" " in way of cantilevers	deck ✓		<b>Margin Plate</b> depth (excl. of flange) and thickness .....	670 7 1/2 ✓	
" " Extends up to .....	deck ✓		" " Vertical Angle to Tank side	E.W. ✓	
Depth of Framing Girder .....	135 ✓		Bracket abaft $\frac{1}{4}$ len. from stem .....	E.W. ✓	
Frames in Uppermost Continuous 'tween Decks, Angle,  or 	✓		" " Vertical Angle to Tank side	E.W. ✓	
" " Second 'tween Decks, Angle,  or 	✓		Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	E.W. ✓	
" " Third " " " " " "	✓		Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem .....	✓	
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem .....	A.B. 130 75 9 1/2 ✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....	✓	
" " in Peaks, Angle 	180 75 10 ✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....	800 7 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	3/4 7d ✓		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled .....	no ✓		Breadth and thickness of Middle Line Strake ...	1530 8 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	yes ✓		Thickness of remainder in Holds .....	7 ✓	
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 regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? .....	✓	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds .....			Uppermost Continuous Deck, amidships 	100 65 8 ✓	
Height of Brackets at side above base line at toe of frame .....			" " in way of Bridge, Angle, 	75 65 8 1/2 ✓	
Middle Line Keelson, on Floors, Angles,  or 			Spacing .....	550 ✓	
" " Through Plate or Intercostal Plate .....			<b>Second Deck, amidships, Angle,  or </b> .....	✓	
" " Foundation Plate on Floors .....			Spacing .....	✓	
" " Flat Plate Keel Angles .....			<b>Third Deck, amidships, Angle,  or </b> .....	✓	
Side Keelsons, No. each side .....			Spacing .....	✓	
" " thickness of Intercostal Plate .....			<b>Fourth Deck, amidships, Angle,  or </b> .....	✓	
" " Angles .....			Spacing .....	✓	
<b>DOUBLE BOTTOM.</b>			R.Q.  Deck, Angle,  as per plan .....	115 65 8 ✓	
Solid Floors, thickness and spacing .....	7 2200 ✓		Spacing .....	550 ✓	
" " Are Frame and Reversed Frame joggled? .....	no ✓		<b>Bridge Deck, Angle,  or </b> .....	✓	
Bracket Floors, breadth and thickness at middle line .....	500 7 ✓		Spacing .....	✓	
" " breadth and thickness at margin plate .....	500 7 ✓		<b>Forecastle Deck, Angle,  as per plan</b> .....	115 65 8 1/2 ✓	
			Spacing .....	550 ✓	



## PILLARS AND DECKS.

				Any Departure from Approved Plans to be Noted.					Any Departure from Approved Plans to be Noted.
<b>CANTILEVERS</b> 23-30-35-40-44-48 93-57-61-66-71-76									
in 'tween Decks, Size and Spacing.....					Stringer Plate, breadth and thickness in way of Bridge				✓
" " " " "					Thickness of Plating abreast Deck openings in way of Wells				✓
" in Holds " "					Thickness of Plating abreast Deck openings in way of Bridge				✓
" " " " "					Thickness of Plating within line of openings...				✓
<b>Centre Line Bulkhead.</b>					If Sheathed, material and thickness				✓
Stiffeners and Spacing.....				100.10 550	<b>Third Deck.</b>				
Plating, thickness of				6 1/2	Stringer Plate, breadth and thickness.....				✓
<b>STRINGERS AND DECKS.</b>					If Plated, state thickness.....				✓
<b>Uppermost Continuous Deck.</b>					<b>Fourth Deck.</b>				
Stringer Plate, breadth and thickness in Wells				1425 9	Stringer Plate, breadth and thickness.....				✓
" " " " in way of Bridge				✓	If Plated, state thickness				✓
" Angle in Wells				75 75 10	<b>R.G. Deck.</b>				
Thickness of Plating abreast Deck openings in way of Wells				✓	Stringer Plate, breadth and thickness				1530 7
Thickness of Plating abreast Deck openings in way of Bridge				✓	Plating, Sheathing, material and thickness				6 1/2 O.P. 50
Thickness of Plating within line of openings...				7	<b>Bridge Deck.</b>				
If Sheathed, material and thickness				unsheathed	Stringer Plate, breadth and thickness.....				✓
<b>Second Deck.</b>					Plating, Sheathing, material and thickness				✓
Stringer Plate, breadth and thickness in Wells...				✓	<b>Forecastle Deck.</b>				
					Stringer Plate, breadth and thickness.....				✓
					Plating, Sheathing, material and thickness				8.7

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	<del>1530</del>	<del>12</del>	<del>11</del>	<del>10 1/2</del>			<del>yes</del>						
FLAT PLATE KEEL .....	1530	12	11	10 1/2	11 1/2 - 11 - 10 1/2	single + EW	3/4	78	E.W.				
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of Strakes ..2.....	A 1710	9	12	8		} S	3/4	78	E.W.				
	B 1530	9	12	9			S	5/8	69	E.W.			
BILGE PLATING, No. of Strakes .....1.....	✓ 1500	8 1/2	12	8									
SIDE PLATING, No. of Strakes .....	✓												
UPPER DECK, Sheer-strake in Wells.....	✓ 1530	11	12	8	Brake 14	S	3/4	78	E.W.				
UPPER DECK, Sheer-strake in Bridge ...	✓												
STRAKE BELOW Sheer-strake in Wells.....	D 1735	9	12	8		S	3/4	78	2	3/4	76	Lapped	
STRAKE BELOW Sheer-strake in Bridge ...	✓												
RED PORT SIDE PLATING .....				6 1/2		S	5/8	69	E.W.				
BRIDGE SIDE PLATING ...	✓												
FORECASTLE SIDE PLATING			6 1/2			S	5/8	69	E.W.				

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>				
Extending to Upper Deck (Sec. 3 c)				3
" Deck next below				0
As per Rule				yes

STIFFENERS.				
Plating Thickness.	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks				
" " Second				
" " Third				
" " Holds	9 1/2 - 8 1/2 - 6 1/2	1130 - 75 - 8	760	deck
COLLISION (in Hold)	9 - 7 1/2 - 7	1130 - 65 - 9 1/2	610	stringer
AFTER PEAK	12 - 7 - 7	1130 - 65 - 10	610	recessed

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				Flat plate keel
STEM				Soft nose
STERN FRAME	Propeller Post	F	150.85 P.M.F.	
	Rudder	E.W.	20-19-10 P.M.F.	
Speed of Vessel				Not exceeding 12 knots
RUDDER—Type				Qartz
" 100A x D				276.5
" Diam. of head				F 180 P.M.F.
" Mainpiece at top pintle				✓
" " heel				✓
" how constructed				E.W. 20-9-8 1/2 P.M.F.
" double or single plate coupling, vertical or horizontal				D H

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*

*Kon. Ned. Hoogovens, Ymuiden. } Consett Iron Co Ltd, Durham.*

*Dorman, Long & Co, M'braugh. } Raine & Co Ltd, Newc. %Tyne.*

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



Table with 9 columns: 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. Rows include 2806, 2805, 2768, 2716.

Table with 14 columns: 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, Material, Length and size supplied, Breaking Test of Steel Wire, Length and size per Table 53. Rows include 5509 and 60.

Steering Gear, Type (Power or hand) Hand Alternative Means of Steering Blocks & tackles Windlass motor Boats 2 wood. 1 wood cutter ing Chains (Size and Test) 50 Pine Cargo Battens, thickness, material and spacing 50 Pine 230 Hatchways (Upper Deck) two Thickness of Hatches 65 Hatchways No. 1: (Fwd.) 12,65x5,20 No. 2: 12,65x5,20 No. 3 No. 4 No. 5 No. 6 er of Shifting Beams 7 7 Builder's Signature

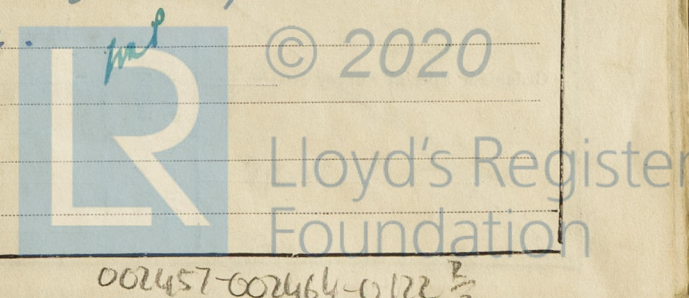


GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo P. above 150° F Oil carried in 4 d.b.ts, in bunker abaft engine room. No d.b.ts are spare fuel tanks This vessel has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. All tanks, decks and watertight bulkheads have been tested as required and found tight. Windlass, steering gear and auxiliary steering gear have been tried and found to be in good working condition.

The amount of Entry Fee £ Special Survey Fee £1790.- Travelling Expenses, if any £116.- Fees applied for, 5-4 1950 Received by me, 19 I am of opinion the Vessel should be Classed 100 A1 "Strengthened for navigation in ice" State whether the Vessel has been built under Special Survey YES Certificate to be sent to Gro via Rot Date of issue 26/6/50 Committee's Minute FRI. 5 MAY 1950 Character assigned +100A1 Lloyd's A+C.P. + LMC 3.50 Oil Eng. O.G. "Strengthened for navigation in ice" © 2020 Lloyd's Register Foundation

Plans approved A.U. 29.9.48

The Surveyor are requested not to write on or below the Committee's Minute.



002457-002464-0122 1/2



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.)

Sister ship: m.v. "YVONNE", yard no. 376

Plans approved: Steel plan : 29.9.48  
Midsh. section : 29.9.48  
Rudder & stern frame: 29.9.49  
Motor seating : 5-1-49  
Framing & Shell exp. : 21.9.49

Before Launching the vessel's name was: "KORSÖ"

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of keel-bottom & sheerstrake plating  
Major parts of decks, coamings, double bottom, motor seating, rudder, stern frame & deckhouses

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

Cruiser stern

Part Elec. welded

Strengthened for navigation in ice.

No Radar

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

1st Bower	434 kgs. P.S.	3553 Antwerp	13-10-49
2nd "	391 "	3559 "	"
3rd "	363 "	3467 "	4-7-49

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 39, 3 ft., Bridge ft., Forecastle 26, 5 ft.

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

Official No. Signal Letters O.F.P.II

Extreme Breadth over Belting (Circ. 1611)

Over-all Length (Circ. 1703)

No. and Material of Decks one steel deck

Parts of Bottom of Vessel coated with cement or approved composition Bottom cemented

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,	16.1	53.5
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	9.1	10.3
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	108.2	115	Other tanks, if fitted,	✓	5.7
Total length (if continuous) and Capacity			Counter		

Order for Special Survey No. 87

Date

3-11-48

Dates of Surveys held while building

1949 Feb. 23.24  
March 3.24  
July 20  
Aug. 16.18  
Sep. 5.13, 14.22

Oct. 6.17  
Nov. 4.7.10.14.21  
Dec. 3.7.15.17.23  
1950 Jan. 3.4.12.14.19.23.27  
Feb. 2.6.8.16.17.27

March 7.10.13.29

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Total No. of Visits 40