

STEEL ~~STEAMER~~ OR MOTORSHIP.

Received at London Office 29 MAR 1949

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 **28th March, 1949.** Port of **Gothenburg** No. **16561.**Survey held at **Kalmar** Date First Survey **22nd May, 1948** Last Survey **2nd March 1949.**On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **Single Screw Motorship "F E N J A" Machinery fitted aft.**State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **Single deck vessel with limited draught** State Type of Erections **Raised Poop Raised Forecastle**

TONNAGE under Tonnage Deck ...	450.18	CLASS	+100A1	State if with freeboard as condition of Class	Yes	Built at	Kalmar
Do. of space or spaces between Tonnage Dk. and Upper Dk.	7	Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)	L 155' - 0"	Launched	25th November, 1948	Yard No.	361
Total	---	Length for Numerals	B 157.4	Builders	Kalmar Varv		
Gross Tonnage	601.33	Breadth (greatest moulded)	B 28' - 6"	Owners	Rederi A-B. Eysstrasalt		
Register Tonnage	328.55	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck See Sec. 3 (1c)	D 15' 6.3/8"	Manager	E.F. Dunér		
		1st Longitudinal Number (L x D)	1928	(Where necessary to be entered in Reg. Book)			
		2nd Numeral L x (B + D)	6414	Residence	Västervik		
REGISTERED DIMENSIONS.		Framing Depth "d," at middle of length. See Sec. 3 (1d)	9' - 7 1/4"	Port of Registry	Västervik		
Length		Proportions—Depth to Length—Uppermost continuous deck to top of keel	12.85	If surveyed while building, afloat, or in dry dock			
Breadth		Do. Long Bridge to top of keel	10.13				
Depth		Draught Moulded	12' - 7.7/8"		While building and afloat		

FRAMES, DOUBLE BOTTOM AND BEAMS.

	ON SHIP. MM.	Any Departure from Approved Plans to be Noted.		ON SHIP. MM.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	610 ✓		Bracket Floors, Frame	100 65 8 ✓	
" " from 1/2 length amidships to Collision bulkhead	610 ✓		" " Reversed Frame	100 65/75 8 ✓	90x65x8 ✓
" " in peaks	610 ✓		" " Vertical Struts	180x8-70x11 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	800 x 9 ✓	
Frame Amidships, XXXXXX	125 69 9	Upper deck	" " top XXXXXX Welded	4 4 ✓	
" " Extends up to			" " bottom XXXXXX Welded	4 4 ✓	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	---	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	510 x 7.5 ✓	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded 4 4 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	Welded 4 4 ✓	
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/4 len. from stem	---	
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	---	
" " from 1/2 len. for'd. to 15% len. from Stem	150 90 9.5 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	800 x 7 ✓	
" " in Peaks, XXXXXX	115 65 7.5	100x65x10	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 4 130 ✓		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 engine room.			Uppermost Continuous Deck, amidships in Wells, Angle, XXXXXX	100 75 9.5 ✓	
Floors, Depth and thickness at mid-line XXXXXX	675 x 8.5 ✓		" " in way of XXXXXX	90 65 8 ✓	
Height of XXXXXX at side above base line at toe of frame	1050 ✓		Hatches XXXXXX	610 ✓	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	610	
" " Through Plate or Inter-costal Plate			aft		
" " Foundation Plate on Floors			Second Deck, XXXXXX	130 65 8	125 x 65 x 8
" " Flat Plate Keel Angles			Spacing	610	
Side Keelsons, No. each side	1 ✓		Third Deck, amidships, Angle, [or]		
" " thickness of XXXXXX Plate	12 ✓		Spacing		
" " XXXXXX Top plate	500 x 22 ✓		Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	7 mm. every 3rd frame.		Poop Deck, Angle, [or]	130 65 8	125 x 65 x 8
" " Are Frame and Reversed Frame joggled?	No ✓		Spacing	610	
Bracket Floors, breadth and thickness at middle line	700 x 7 ✓		Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate	600 x 7 ✓		Spacing		
			Forecastle Deck, XXXXXX	130 65 8	
			Spacing	610	

PILLARS AND DECKS.

	IN SHIP. MM.	Any Departure from Approved Plans to be Noted.		IN SHIP. MM.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	1 ✓		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing	---		Thickness of Plating abreast Deck openings in way of Wells		
" " " " "	---		Thickness of Plating abreast Deck openings in way of Bridge		
" in Hold/ " " "	As per app. plan. ✓		Thickness of Plating within line of openings...		7.5 ✓
Centre Line Bulkhead. Stiffeners and Spacing			If Sheathed, material and thickness		
Plating, thickness of			Third Deck. Stringer Plate, breadth and thickness		
STRINGERS AND DECKS.			If Plated, state thickness		
Uppermost Continuous Deck.			Fourth Deck. Stringer Plate, breadth and thickness		
Stringer Plate, breadth and thickness in Wells	1810 x 9 ✓		If Plated, state thickness		
" " " " in way of Bridge	---		Poop Deck. Stringer Plate, breadth and thickness	7 ✓	
" Angle in Wells Welded ✓	#65 4 ✓		Plating, Stringer Plate 10 x 16 x 10 x 16 thickness ...	7 ✓	
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...	7.5 ✓		Forecastle Deck. Stringer Plate, breadth and thickness	7.5 ✓	
If Sheathed, material and thickness	---		Plating, Stringer Plate 10 x 16 x 10 x 16 thickness...	7.5 ✓	
Second Deck, aft.					
Stringer Plate, breadth and thickness 10 x 16 x 10 x 16	8 ✓				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	3
Forecastle	
Extending to Upper Deck (Sec. 3 c)	1
„ Main Deck Upper	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	Pl. i. 165x50 & Rolled plate 12.5-10.0 mm. ✓			
STERN FRAME { Propeller Post	Pl. i. 150x75 ✓			
{ Rudder	As per Bjöorne LLOYDS OS 491 OS 25.9.47			
Speed of Vessel	10 knots ✓			
RUDDER—Type	Semi-balance ✓			
„ A x D. 100	234 ✓			
„ Diam. of head	135-140 Bjöorne LLOYDS OS 710-711 OS 9.3.47			
„ Mainpiece at top pintle	As per			
„ „ heel	plan ✓			
„ how constructed	Welded ✓			
„ double cross single plate coupling, vertical or horizontal	9 ✓			
	Horizontal ✓			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
		MM.	MM.	MM.		
MIDSHIP	BULKH'D, Upper 'tween decks					
"	" Second "					
"	" Third "		I ✓			
"	" Holds Fr..18.....	✓✓	100/125x ✓	✓✓	✓	
		✓✓	95-65x5/90x8/10	625/750		
		✓✓	I ✓			
COLLISION	" (in Hold) Fr..69.....	✓✓	125x90x10 ✓	625 ✓	As per plan ✓	
		✓✓	I ✓			
AFTER PEAK	" Fr..5.....	✓✓	100x75x8 ✓	610 ✓	As per plan ✓	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Electric Furnace Process

Domnarfvet Jernverk, Domnarvet, Sweden.

Has the Steel been tested as required by the Rules? Yes.

Departure from
Approved Plans to
be Noted.

EQUIPMENT No. 7237

LETTER h

ANCHORS.

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.				
64998	1st Bower	11	3	14				13	15	0	0		Hall's Patent (Cast Steel Head)		LPH-CH
65732	2nd "	12	0	0				13	17	2	0		"		24.47 H. Phillips
66066	3rd "	11	3	14				13	15	0	0		"		"
	Collective weight	35	3	0								35.5			"
65047	Stream	5	1	4	1	1	17	7	11	3	14		Ord. pattern (E.W.)		LPH-CH
															24.47 H. Phillips

CHAIN CABLES.

HAWSERS AND WARPS.

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.	Diam.		Length.	Cir.
1780	Met. 359.3	1 1/8	23.114	34.671	Kgs 6921	126.25	195	1 1/8	Stud link	Orsa Kätting-fabrik	Makers' works 11.11.47 S. Walterson	TOWLINE	Met. 135	22	16.05	135	70
												HAWSERS & WARPS	165	18	10.995	165	57
Iron Stream Chain or Steel Wire	110	22	16.05				Met. 110	22									

Steering Gear, Type (Power or hand) Hand Alternative Means of Steering Blocks and Tackles ✓

Steering Chains (Size and Test) 24.5 mm. 3764 HJ LW 11600/23200 kg. Windlass El. Thrige Boats 2 á 5.3 x 1.86 x .79 M.

Ceiling in Holds, thickness and material 2 1/2" wood on 1" battens Cargo Battens, thickness, material and spacing 2" pine á 9" clear.

Cargo Hatchways.—(Upper Deck) R.Q. Deck Steel coamings 10 mm., height 840 mm. Thickness of Hatches 2 1/2" pine

Size of Hatchways No. 1 (Fwd.) 9160 x 5025 No. 2 11590 x 5025 No. 3 --- No. 4 --- No. 5 --- No. 6 ---

Number of Shifting Beams for Fore and Afters 6 7

Builder's Signature

KALMAR VARV

Göran Nyberg

RAL 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. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No 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).

ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letter. The fittings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The tanks, s and bulkheads have been tested in accordance with the Rules. The freeboards have been verified and the marks in on the vessel's sides. The steering arrangements and the windlass have been tested on a trial trip under ing conditions. The aftermost double bottom tanks (No.3) are constructed to carry oil fuel as bunker or water ast. The flash point of the oil fuel is above 150°F. and the requirements of Section 20 of the Rules have been plied with where applicable. Double bottom tanks Nos. 1 and 2, and fore and after peak tanks are constructed to y water ballast. The vessel is strengthened for navigation in ice and the requirements of Section 40 of the es are complied with where applicable.

Convention Freeboard

The amount of ~~XXXX~~ Fee..... Kr. 150:00 Fees applied for, 28/3 1949

Special Survey Fee..... Kr. 1500:00 Received by me, — 19 —

Travelling Expenses, if any Kr. 554:10

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

State whether the Vessel has been built under Special Survey Yes

I am of opinion the Vessel should be Classed +100A1 with freeboard Electrically welded, Strengthened for navigation in ice.

Certificate to be sent to Gothenburg Date of issue 11/5/49

Signature *Hannu Lavin* Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI 29 APR 1949

Character assigned +100A1 "with freeboard" "Strengthened for navigation in ice"

Lloyd's A+CP. +LMC 3.49 Oil Eng.

O.G.

mach. cert. to be endorsed re certificate

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 vessels: M/S "DAGNY", Kalmar Varv Yard No. 352, Gothenburg First Entry Report No. 15863.
M/S "VIRIA", Kalmar Varv Yard No. 359, Gothenburg First Entry Report No. 16278.

Approved plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Watertight bulkheads

Sternframe and rudder

(For remaining plans see Gothenburg First Entry Report No.14912 on the m.s. "Ivan".

As fitted plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Various certificates are also being forwarded under separate cover.

N.B. The vessel has not been docked since the launch.

Particulars of Swedish tonnages:

Gross	-	599.85
Under deck	-	450.18
Net	-	379.24

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of shell, deck, tank top, bulkheads, floors and tank side brackets to margin plate, centre girder to floors, shell and tank top, and various other details.

Electrodes employed: PH 48, OK 52 P.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book. Strengthened for navigation in ice, Electrically welded, Cruiser stern, Direction finder, Radiotelephone.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head	7.0.14	LR	9745	AEG	5.12.46
	2nd	"	7.0.24	LR	317	AEG	12.6.47
	3rd	"	7.1.1	LR	1227	AEG	29.4.48

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 42.0 ft., R.Q.D. --- ft., Bridge --- ft., Half height Forecastle 22.5 ft.

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

Official No. 9056 Signal Letters S E W X Extreme Breadth over Belting --- Over-all Length 171' - 11" ✓

No. and Material of Decks 1 deck (steel)

Parts of Bottom of Vessel coated with cement ~~on approved composition~~ Water ballast tanks, 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,	45.0	✓
Double bottom, under Engines and Boilers,			After peak tank,	15.1	✓
Double bottom, if under Engines only,			Deep tank, aft,	9.8	
Double bottom, if under Boilers only,			Deep tank, forward,	24.9	
Double bottom, forward,	102		Other tanks, if fitted,		
Total length (if continuous) and Capacity	100	145.4	(If necessary furnish further information by sketch.)		

Fresh water tank in After Peak not included in total capacity: 9.7 M.

Order for Special Survey No. 455

Date 6.9.1948.

Dates of Surveys held while building

1948: May 22, July 26, September 11, 30, October 29, November 16, 17, 24, 25.
1949: January 15, February 15, March 1, 2.



© 2020

Lloyd's Register Foundation