

STEEL STEAMER OR MOTORSHIP.

Received at London Office

120 JAN 1958

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 18th January, 1958. Port of M.A.L.M.Ö No. 3733

Survey held at Sölvesborg Date First Survey 16th January, 1957 Last Survey 10th January, 1958.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M/S "O F E L I A" (Machinery fitted aft).

Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) O.S.D. State Type of Erections Forecastle

E under Deck ... 390,60
Tonnage Dk. ...
per Dk. ...Tonnage 499,91
Tonnage 243,02REGISTERED DIMENSIONS.
FEET205,00
32,85
8,85CLASS *100A1 State if with freeboard as condition of Class
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 59,25
Breadth (greatest moulded) B 10,00
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 5,95
1st Longitudinal Number (L x D) = 194-4 1/2
2nd Numeral L x (B + D) = 32-9 5/8
Framing Depth "d," at middle of length. See Sec. 3 (1d) 19-6 1/4
Proportions—Depth to Length—Uppermost continuous deck to top of keel
Do. Long Bridge to top of keel
Draught Moulded 3,756Built at Sölvesborg
Launched 25.9.57 Yard No. 49
Builders Sölvesborgs Varvs- & Rederi AB
Owners Rederi AB Svenska Lloyd
Managers K.R. Bökman
(Where necessary to be entered in Reg. Book)
Residence Gothenburg
Port of Registry Gothenburg and
If surveyed while building, afloat, or in dry dock Yes.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	600			/	Bracket Floors, Frame				
" " from 1/2 length amidships to Collision bulkhead	600			/	" " Reversed Frame				
" " in peaks	600			/	" " Vertical Struts				
E FRAMING.					Centre Girder, depth and thickness amidships	1100	9		
Frame Amidships, Angle, EV, 2nd	300	75	8	/	" " top Angles		E.W.	/	
" " " " " "	150	75	8	/	" " bottom Angles		E.W.	/	
" " Extends up to 2nd deck				/	Side Girders, No. each side and thickness	1	9	/	
" " in Eng Room EV, 2nd	300	75	8	/	Margin Plate depth (excl. of flange) and thickness	1175	9	/	
Reversed Frame Amidships, Angle	150	75	8	/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		E.W.	/	
" " Extends up to 2nd deck				/	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		E.W.	/	
Depth of Framing Girder				/	" " Gussets, spacing and scantling abaft 1/2 len. from stem		-	/	
Frames in Uppermost Continuous 'tween Decks, Angle, EV, 2nd	90	75	8	/ 90x65x8	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		-	/	
" " Second 'tween Decks, Angle, EV, 2nd				/	Tank Side Brackets, height above base line at toe of Frame and thickness	1250	8,5	/	
" " Third " " " "				/	INNER BOTTOM PLATING.				
" " from 1/2 len. for'd. to 15% len. from Stem EV, 2nd	300	75	8	/	Breadth and thickness of Middle Line Strake		8,5	/	
" " in Peaks, Angle, EV, 2nd	150	75	8	/	Thickness of remainder in Holds		8	/	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19	133		/	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?		-	/	
State if Frame Joggled	No			/	BEAMS.				
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As approved			/	Uppermost Continuous Deck, amidships in Wells, Angle, EV, 2nd		As approved	/	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As approved			/	" " in way of Bridge, Angle, EV, 2nd		As approved	/	
ANGLE BOTTOM. Aft of frame 23 in B.R. As appr.				/	Spacing		600	/	
Floors, Depth and thickness at mid-line in Holds				/	Second Deck, amidships, Angle, EV, 2nd	180	90	10	180x75x9
Height of Brackets at side above base line at toe of frame				/	Spacing	130	65	7	100x75x9
Middle Line Keelson, on Floors, Angles, EV, 2nd				/	Third Deck, amidships, Angle, EV, 2nd				
" " " " Through Plate or Intercostal Plate				/	Spacing				
" " " " Foundation Plate on Floors				/	Fourth Deck, amidships, Angle, EV, 2nd				
" " " " Flat Plate Keel Angles				/	Spacing				
Side Keelsons, No. each side				/	Poop Deck, Angle, EV, 2nd				
" " thickness of Intercostal Plate				/	Spacing				
" " Angles				/	Bridge Deck, Angle, EV, 2nd				
DOUBLE BOTTOM. Fwd. of frame 78 As approved.				/	Spacing				
Solid Floors, thickness and spacing				/	Forecastle Deck, Angle, EV, 2nd	100	65	7	90x65x9
" " Are Frame and Reversed Frame joggled?				/	Spacing				
Bracket Floors, breadth and thickness at middle line	675	7,5		/					
" " breadth and thickness at margin plate	625	7,5		/					

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows		As approved		✓							
" in 'tween Decks, Size and Spacing		As approved		✓							
" " " " "											
" in Holds " " " "											
" " " " "											
Centre Line Bulkhead.											
Stiffeners and Spacing		100	75	10	✓	100x65x11	✓				
Plating, thickness of		1200		✓							
		7,5		✓							
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness in Wells		2490	8,5	✓							
" " " " in way of Bridge											
" Angle in Wells		75	75	8,5	✓	9 See plan	✓				
Thickness of Plating abreast Deck openings } in way of Wells		8,5		✓							
Thickness of Plating abreast Deck openings } in way of Bridge.....											
Thickness of Plating within line of openings...		7		✓							
If Sheathed, material and thickness.....											
Second Deck.											
Stringer Plate, breadth and thickness in Wells		2490	6,5	✓							
Stringer Plate, breadth and thickness in way of Bridge											
Thickness of Plating abreast Deck openings } in way of Wells		6,5		✓							
Thickness of Plating abreast Deck openings } in way of Bridge.....											
Thickness of Plating within line of openings...		6,5		✓							
If Sheathed, material and thickness.....											
Third Deck.											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness											
Fourth Deck.											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness.....											
Poop Deck.											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness ...											
Bridge Deck.											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness ...											
Forecastle Deck.											
Stringer Plate, breadth and thickness.....		6,5		✓							
Plating, Sheathing, material and thickness...		6,5		✓							

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED LAPPED
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Flat Plate Keel.....	1030	12,5 ✓	12,5 ✓	12,5 ✓		E.W. ✓			E.W. ✓			
„ Dblg. (if any)												
Bottom Plating, No. of Strakes2.....	1695	9 ✓	12,5 ✓	8,5 ✓		E.W. ✓			E.W. ✓			
Bilge Plating, No. of Strakes1.....		9 ✓	14,5 ✓	8,5 ✓		E.W. ✓			E.W. ✓			
Side Plating, No. of Strakes1.....	1655	9 ✓	14,5 ✓	9,5 ✓		E.W. ✓			E.W. ✓			
Upper Deck, Sheer- strake in Walls.....	1590	9 ✓	8,5 ✓	8,5 ✓		E.W. ✓			E.W. ✓			
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Walls.....	1655	9 ✓	14,5 ✓	8,5 ✓		E.W. ✓			E.W. ✓			
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating			6,5-12 ✓			E.W. ✓			E.W. ✓			

WATERTIGHT BULKHEADS.

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

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Depart from Approved Plans to be
KEEL, Bar	Flat keel plate			
STEM	Round bar D=90 mm & plate			
STERN { Propeller Post	Prefabricated Sbg. Yard			
FRAME { Rudder "	As per approved plan			
Speed of Vessel	Abt. 12 knots			
RUDDER—Type	Streamline double plated			
" A x D.....	1.62			
" Diam. of head X.....	145 mm	Prefabricated Sbg		
" Mainpiece at top pintle	187	145 mm Yard as per		
" " heel		See plan		
" how constructed				
" double or single plate		Double plated		
" coupling, vertical or				
" horizontal		Vertical		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks						
"	Second	"				
"	Third	"				
"	Holds Frame 3	8,7	90x75x8 D	760		/
COLLISION		"				
"	(in Hold) "..... 2	11,8	130x65x7 Z	610		/
AFTER PEAK		"				
"	"..... 5	10,22	75x65x7 Z	610	Str. 10	/

STEEL.

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

Domnarvets Jernverk, Norrbottens Järnverk, Det Danske Staalvalseverk, Hittenunion A.G., Boel Usines

Gustave, S.A. La Louvière

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

M/S "OFELIA"

Messrs. Sölvesborgs Varvs- & Rederi AB, Sölvesborg, Yard No. 49.

PARTICULARS OF LONGITUDINAL FRAMING

FRAMING	AMIDSHIPS			ENDS			Any Departure from Approved Plans to be Noted.	RIVETING				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.
L, L or C												
Bridge 'tween Decks ...												
Uppermost Continuous No. 1												
" 2												
" 3												
" 4												
" 5												
" 6												
" 7												
" 8												
" 9												
" 10												
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
ing of (Amidships												
ndinal (At Ends												
nes												
Tank Top Longitudinals	100	65	7	/				E.W.	/			
Bottom " "	100	65	8	/				E.W.	/			
Longitudinals (Amidships	675	&	625	/								
(At ends...												
Transverses.												
Depth and Thickness												
Face Angles												
Lugs to Shell*.....												
Depth and Thickness												
Face Angles												
Lugs to Shell*.....												
Depth and Thickness	1100	8		/								
Face Angles		-										
Lugs to Shell*.....		-						E.W.	/			
" " Back Bars		-										
Brackets												
of Transverse Frames...	3000			/								
ate if joggled or liners.												
Bridge Deck...							Spacing.	Transverse Beams.	Plate.	Face Angles.	Any departure from Approved Plans to be Noted.	
Upper "												
Second "												
Third "												

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.

ANCHORS.

[illegible]

CHAIN CABLES.

HAWSERS AND WARPS.

No.	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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Clr.		Length.	Clr.
3	387.5	30	35640	53500	388		385	35	Special Steel	Järnborger Orsa Aktiebolag	30.9.57. S.W.	TOWLINE	165	3	13900	165	
		13/16					210	13/16				HAWSEERS & WARPS	3x165	2 1/4	10970	3x165	

ing Gear, Type (Power or hand) El. hydraulic Svendborgs Skibsværft Alternative Means of Steering Hand hydraulic
ing Chains (Size and Test) - Windlass I.P. Huse Steinshamn, Norway Boats Two life boats
g in Holds, thickness and material 2 1/2" Swedish Pine Cargo Battens, thickness, material and spacing 5"x2" sp. 7"-8"
atchways.—(Upper Deck) Steel coamings, 11 mm thick, 875 mm in height Thickness of Hatches 60 mm
atchways No. 1 (Fwd.) 9600x5000 No. 2 9600x5000 No. 3 9600x5000 No. 4 No. 5 No. 6
of Shifting Beams } 5 5 5
Fore and Afters } SØLVESBORG VARVS- & BØDERI A.-B.

Builder's Signature.

SÖLVESBORGS VARVS- & BADERI A.-B.

B. Clarke

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 motor
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
indicated, together with the flash point (where required to be inserted in the Notation).

ip has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's . The scantlings and arrangement of the ship are as given in the report and as shown and amended on the approved now forwarded. All modifications or additions to the original approved arrangements made during construction have indicated on the plans and have been approved as being in accordance with or by standards equivalent to Rule ents. The plans of "Midship Section" and Profile and Decks" showing the ship as built now forwarded herewith n checked with the approved arrangements and found in order. The material and workmanship are good. F.P. above 150° F. is carried in Nos. 3 and 4 double bottom tanks. Section 20 of the Rules complied. n applicable. All double bottom tanks, lubr. oil tanks, daily oil fuel tanks, fresh water tanks, fore and ak tanks etc. have been tested to the Rule Requirements with satisfactory results. Weather decks and W.T. s have been hose tested and found satisfactory. Freeboard verified and marks cut in. Windlass and steering led under working conditions.

he ship undocked on the 20th December, 1957.

S.S.		
Amount of Entry Fee.....	Kr £ 5.450:--	} Fees applied for, 18/1 19 58.
Freeboard Special Survey Fee.....	Kr £ 280:--	
Travelling Expenses, if any		} Received by me, 19
	Kr £ 840:--	

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

I am of opinion the Vessel should be Classed.....*100A1

State whether the Vessel has been built under Special Survey Yes

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Lloyd's Register, Malmö Date of issue 6/3/58

Committee's Minute

TUESDAY 18 FEB 1958

Character assigned

 $+100 \text{ A}$

LACP

DS 12.57

Str. Nav. in Ice.

+ LMC (With Torsional End-^{Lr})

ES
TS OG } 1.58.

White Memo.

NOTED FOR POSTING 593

© 2020

Lloyd's Register
Foundation

0297 312

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 the Plans should be embodied.)

The following "As built" and approved plans are forwarded herewith:—

"As built plans"—Midship Section

Profile and decks

"Approved plans":—1. Midship Section

2. Profile and Plans

3. Shell expansion

4. Stern frame

5. Rudder

6. Floors and engine seatings

in engine room.

7. After peak

8. Fore peak

9. Rigging arrangement

10. Steel hatch covers "Tells patent".

11. Escape hatch in main deck.

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of shell, decks, tanktop and bulkhead plating welded. Welding in double bottom peaks, engine seatings, connection of coamings to decks etc. as per approved

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

Longitudinal framing in double bottom, Part Electrically welded,

cruiser stem, D.F. E.S.D.

Strengthened for navigation in ice (See Cert B)

RADAR Equipment (State if fitted)

State Type or Pattern No.

State Name of Maker and/or Supplier

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

1st Bower	Head	11.3.7.	J.M. 3135,	9.5.57
2nd "	"	11.3.9.	J.M. 3136,	9.5.57
3rd "	"	11.3.24	A.E.G. 2487,	17.1.57

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

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

Official No. 9810 Signal Letters S H E P Extreme Breadth over Belting 32.87

Over-all Length 217.6

No. and Material of Decks Two Decks and Forecastle Deck of Steel

Parts of Bottom of Vessel coated with cement or approved composition

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.
Double bottom, aft,			Fore peak tank,	
Double bottom, under Engines and Boilers,			After peak tank,	
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	135.8	324.7	(If necessary furnish further information by sketch.)	

Order for Special Survey No. 224

Date 9/5 1956.

Dates of Surveys held while building

From 16th January, 1957 to 10th January, 1958.

Lloyd's Register Foundation