

State if Report is sent on the Machinery of the Vessel. *Yes.*

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of Erections *Prop. & Forecast*

Built at *Lockholm*.

Launched 20th July, 1943 Yard No. 129

Builders *B. Ekenobergs Farn*

Owners *En Lönings Kemiskt-Tekniskt*

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

Residence Stockholm.

Port of Registry *Stockholm*

If surveyed while building, afloat, or in dry dock

Building afloat & on floating
dock.

	INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	580		Bracket Floors, Frame	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	580		" " Reversed Frame.....	None fitted
" " in peaks	580		" " Vertical Struts	
" " in way of cofferdams	400		Centre Girder, depth and thickness amidships	None
SIDE FRAMING.			" " top Angles	-
Frame Amidships, Angle, \square or Γ	120x75x8		" " bottom Angles.....	-
" " Extends up to.....	Upper deck		Side Girders, No. each side and thickness.....	2 @ 13
" " Side girders as per opp. plan.			Margin Plate depth (excl. of flange) and " " thickness	level 8.0
Reversed Frame Amidships, Angle \square or Γ	120x75x8		" " Vertical Angle to Tank side " " Bracket shaft $\frac{1}{2}$ len. from stem	E.W. Δ 4.5
" " Extends up to.....	Upper deck		" " Vertical Angle to Tank side " " Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	\checkmark
Depth of Framing Girder.....	120		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	\checkmark
Frames in Uppermost Continuous 'tween Decks, Angle, \square or Γ	-		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	\checkmark
" " Second 'tween Decks, Angle, \square or Γ	-		Tank Side Brackets, height above base line at toe of Frame and thickness	1440x9.0
" " Third	-		INNER BOTTOM PLATING, in E. ROOM	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	120x75x8		Breadth and thickness of Middle Line Strake.....	8.0
" " in Peaks, Angle \square or Γ	120x75x8		STRAKES FITTED ATHWART SHIP	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	Frames welded to shell as per plan		Thickness of remainder in Holds	\checkmark
State if Frame Joggled.....	No		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Yes
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		BEAMS.	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		Uppermost Continuous Deck, amidships in Wells, Angle, \square or Γ	120x75x8 and 75x65x2.5
SINGLE BOTTOM. IN CARGO TANKS			" " in way of Bridge, Angle, \square or Γ	\checkmark
Floors, Depth and thickness at mid-line in Holds.....	\checkmark		" " Spacing	580
Height of Brackets at side above base line at toe of frame.....	\checkmark		Second Deck, amidships, Angle, \square or Γ	\checkmark
Middle Line Keelson, on Floors, Angles, \square or Γ	Longit. bld.		" " Spacing	\checkmark
" " Through Plate or Inter- costal Plate	\checkmark		Third Deck, amidships, Angle, \square or Γ	\checkmark
" " Foundation Plate on Floors	\checkmark		" " Spacing.....	\checkmark
" " Flat Plate Keel Angles	E.W. Δ 6.5		Fourth Deck, amidships, Angle, \square or Γ	\checkmark
Side Keelsons, No. each side.....	One		" " Spacing.....	\checkmark
" " thickness of Intercostal Plate.....	9.0		Poop Deck, Angle, \square or Γ	150x75x7.5 140x65x8.0
" " Angles	E.W. Δ 4		" " Spacing.....	1160
DOUBLE BOTTOM. AFT IN ENGINE SPACE			Bridge Deck, Angle, \square or Γ	\checkmark
Solid Floors, thickness and spacing	8x580		" " Spacing.....	\checkmark
" " Are Frame and Reversed Frame joggled?	No		Forecastle Deck, Angle, \square or Γ	90x60x8
Bracket Floors, breadth and thickness at middle line	None fitted		" " Spacing.....	580
" " breadth and thickness at margin plate.....	None fitted			

PILLARS AND DECKS.
PILLARS, No. of Rows
Stringer Plate, breadth and thickness in way of Bridge
Thickness of Plating abreast Deck openings in way of Wells
Thickness of Plating abreast Deck openings in way of Bridge
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
Plating, Sheathing, material and thickness

SHELL PLATING.
SCANTLINGS.
RIVETING.
STRAKES.
Flat Plate Keel
Bottom Plating, No. of Strakes
Bilge Plating, No. of Strakes
Side Plating, No. of Strakes
Upper Deck, Sheer-strake in Wells
Upper Deck, Sheer-strake in Bridge
Strake below Sheer-strake in Wells
Strake below Sheer-strake in Bridge
Poop Side Plating
Bridge Side Plating
Forecastle Side Plating

WATERTIGHT BULKHEADS.
FORGINGS AND CASTINGS.
STIFFENERS.
MIDSHIP BULKHEAD, Upper 'tween decks
Second
Third
Holds
COLLISION
AFTER PEAK
STEEL.
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
Has the Steel been tested as required by the Rules?

EQUIPMENT No.
LETTER
ANCHORS.
Number of Certificate
Anchors
Weight, Ex. Stock
Test, per Certificate
Description of Anchor
Makers
Where and when tested, and Superintendent
CHAIN CABLES.
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
HAWESERS 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

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
This ship 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 a equivalent to those shown on the approved plans. The material and workmanship are good. The tanks, decks, bulkheads and cofferdams have been tested in accordance with the Rules, and the requirements of Section 30 and 40 of the Rules (1939-40) have been complied with where applicable. The freeboards have been verified and the marks cut in on the vessel's sides. The ship is constructed to carry petroleum in bulk, and oil fuel in the double bottom under the engine and in a deep tank forward of the engine space. Lubricating oil is also carried in the double bottom under the engine. The flash point of the oil fuel is above 150°F. The steering arrangements and the windlass have been tested under working condition on trial trip.

The amount of Entry Fee
Special Survey Fee
Travelling Expenses, if any
State whether the Vessel has been built under Special Survey
Certificate to be sent to
Committee's Minute
Character assigned
I am of opinion the Vessel should be Classed
Signature
Surveyor to Lloyd's Register of Shipping

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.)

This vessel is similar to the same builders yards Nos. 182 & 188, the "H" "Haw" and "H" "Divina". Spm. Rpts. Nos. 5332 & 5540.

The following approved plans will be forwarded when postal communications permit.

Longitudinal section, Midship section and plans.
Shell expansion.
Stemframe and rudder.
Sketch showing tank side connections to pump casings.
Double bottom and main engine seating.

As built plans now forwarded:-

Longitudinal section, Midship section and plans.
Shell expansion.
Rider stringer and Bottom girder.

Various certificates will be forwarded when possible.

Swedish tonnage: Gross 744.09
Under deck 532.50
Net 507.12

PARTICULARS OF ELECTRIC WELDING (if employed) Practically all welded.

Electrodes used OK 42 and OK 52.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Carrying petroleum in bulk. Strengthened for navigation in ice. Quiser stem. Electrically welded. Machinery aft.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Anchor Head	314	KE	No 16	10:3:43
	2nd "	"	510	KE	" 15	"
	3rd "	"	507	KE	" 17	"
		Stock Anchor	260	KE	" 21	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.0 ft., R.Q.D. ft., Bridge ft., Forecastle 32.0 ft.

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

Official No. 8613 Signal Letters SEBW Extreme Breadth over Belting (Circ. 1611) Over-all Length 193.5' (Circ. 1703)

No. and Material of Decks One deck, steel

Parts of Bottom of Vessel coated with cement or approved composition Cement in fore and aft peak tanks, bilges in dry cargo hold and in engine space.

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,		29.4
Double bottom, under Engines and Boilers,			After peak tank,		18.0
Double bottom, if under Engines only, oil fuel 2.8 m ³			Deep tank, aft, for oil fuel 81.5 m ³		
Double bottom, if under Boilers only, lub. oil 2.6 m ³			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity.			(If necessary furnish further information by sketch.)		
Cargo tanks 1300 m ³					

Order for Special Survey No.

Date 18.2.42

Dates of Surveys held while building

31, 12, 13, 1942; 5, 12, 13, 8, 13, 22, 31, 1, 16, 3, 8, 12, 21, 26, 29
3, 4, 5, 10, 22, 13, 16, 14, 15, 4, 8, 9, 18, 22, 23, 25, 27, 28, 29, 30, 3, 20, 1943;
13, 1944.

Total No. of Visits 4

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