

STEEL STEAMER or MOTORSHIP.

Received at London Office

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 *4th September, 1941* Port of *Stockholm* No. *5332*
Survey held at *Stockholm* Date First Survey *6th May, 1940* Last Survey *21st July, 1941*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Machinery aft single screw tanker "GLAN"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of ErectionsTONNAGE under Tonnage Deck... *489*CLASS *✱ 100 A1*

State if with freeboard as condition of Class

Built at *Stockholm*

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 170'*Breadth (greatest moulded) *B 29'-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 14'-6"*1st Longitudinal Number (L × D) = *2465*2nd Numeral L × (B + D) = *2480*

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.72*

Do. Long Bridge to top of keel

Draught Moulded *13'*Launched *15th March, 1941* Yard No. *177*Builders *H. Ekensbergs Varv*Owners *Rederi H. Transocean*Managers *J. Carlsson*

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

Residence *Gotthenburg*Port of Registry *Gotthenburg*

If surveyed while building, afloat, or in dry dock

Building, afloat & on pontoon.

REGISTERED DIMENSIONS.

Length *176.2*Breadth *29.6*Depth *14.6*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>580</i>		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	<i>580</i>		" " Reversed Frame	<i>none fitted</i>	
" " in peaks	<i>580</i>		" " Vertical Struts	<i>Longitudinal bulkhead (in cargo tanks)</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	<i>150 75.0 7.5</i>		" " top Angles		
" " Extends up to <i>main deck</i>			" " bottom Angles		
<i>Ice frame</i>			Side Girders, No. each side and thickness	<i>one; 9 in.</i>	
Reversed Frame Amidships, Angle	<i>120 80 8</i>		Margin Plate depth (excl. of flange) and thickness		
" " Extends up to <i>main deck</i>			" " Vertical Angle to Tank side		
Depth of Framing Girder			Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	<i>none fitted</i>	
" " Third " " " "			Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{4}$	<i>120x80x80</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>19-105</i>		INNER BOTTOM PLATING. <i>In E. room.</i>		
State if Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes.</i>		<i>Strakes fitted athwart-ship</i>		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes.</i>		Thickness of remainder in <i>holds engine room</i>	<i>8.</i>	
SINGLE BOTTOM. <i>Care in way of Dry Cargo Hold</i>			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in <i>Ranker and Boiler Room</i>	<i>Yes.</i>	
Floors, Depth and thickness at mid-line in Holds	<i>450/400x8</i>		BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships	<i>120 80 8.0</i>	<i>app. 120x75x8</i>
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$			" " in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	<i>90 60 8.0</i>	
" " Through Plate or Intercoastal Plate	<i>none fitted</i>		" " in way of <i>Bridge</i> , Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Foundation Plate on Floors			<i>3 exp. Trunk.</i>	<i>580</i>	
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
DOUBLE BOTTOM. <i>Mt. in E. space</i>			Spacing		
Solid Floors, thickness and spacing	<i>8.0x580</i>		Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Are Frame and Reversed Frame joggled?	<i>no</i>		Spacing		
Bracket Floors, breadth and thickness at middle line	<i>none fitted</i>		Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	<i>150 75 8.0</i>	<i>app. 150x75x7.5</i>
" " breadth and thickness at margin plate			Spacing	<i>1160</i>	
			Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
			Spacing		
			Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	<i>90 60 8.0</i>	
			Spacing	<i>580</i>	

PILLARS AND DECKS.				
	Excessive IN SHIP. <i>m. br.</i>	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	—			
“ in 'tween Decks, Size and Spacing.....	—			
“ “ “ “ “ “	—			
“ in Holds “ “	—			
“ “ “ “ “ “	—			
Centre Line Bulkhead.				
Stiffeners and Spacing.....	<i>Spacing</i> 120 80 8 580			
Plating, thickness of	8.0			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	8 1/2 11			
“ “ “ “ in way of Bridge	—			
“ Angle in Wells	130 x 130 x 10			
Thickness of Plating abreast Deck openings in way of Wells	8			
Thickness of Plating abreast Deck openings in way of Bridge	—			
Thickness of Plating within line of openings...	8 1/2 11			
If Sheathed, material and thickness	—			
Second Deck.				
Stringer Plate, breadth and thickness in Wells...	—			
Stringer Plate, breadth and thickness.....	—			
Thickness of Plating abreast Deck openings in way of Wells	—			
Thickness of Plating abreast Deck openings in way of Bridge	—			
Thickness of Plating within line of openings...	—			
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	—		450 x 7	appd. 6.5
Plating Sheathing, material and thickness ..	—		Pine 2 1/2 x 5	
Bridge Deck.				
Stringer Plate, breadth and thickness.....	—		—	
Plating, Sheathing, material and thickness ..	—		—	
Forecastle Deck.				
Stringer Plate, breadth and thickness.....	—		7.0	appd. 6.5
Plating, Sheathing, material and thickness ..	—		7.0	appd. 6.5

[illegible]

WATERTIGHT BULKHEADS.						FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.			
Extending to Upper Deck (Sec. 3 c) //						Scantlings.			
" Deck next below —						Maker's Name.			
As per Rule —						Any Departure from Approved Plans to be Noted.			
Plating Thickness.		STIFFENERS.				KEEL, Bar STEM STERN FRAME { Propeller Post { Rudder Speed of Vessel RUDDER—Type " A x D x L.R. " Diam. of head " Mainpiece at top pintle " " heel " how constructed " double or single plate coupling, vertical or horizontal			
		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHEAD, Upper tween decks									
" " Second "									
" " Third "									
" " Holds No. 19 8.0 120 x 80 x 7.5 } 640 380 x 10 —									
COLLISION " (in Hold) No. 80 8.0 120 x 25 x 8 610 580 x 8 1100									
AFTER PEAK " " " No. 5 11-8 150 x 75 x 8 610 — —									
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 "i"				ANCHORS.				
Number of Certificate.	Anchor.	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.			
2660	1st Bower ...	14	3	12				16	10	0	0	735 lbs.	Union stockless Dortmund-	At the Waken's Works
2661	2nd " ...	14	3	11				16	4	3	2	235 -	Hoerder	on the 22nd March,
2662	3rd " ...	12	3	12				14	12	3	2	650 -	Hüttenreid	1941.
	Collective weight.	48	3	12								2120 -		Jub. Quant.
2663	Stream	4	1	2				6	15	0	0	270 lbs.	Ordinary stock	

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.	Stave.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Inch.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.		Fathoms.	Inch.			Fathoms.	Inch.	Tons.	Fathoms.	Inch.	
747	195	3/16	25 3/8	38	143	3	10	141 1/4		195	1/16	Yud. Link	Ossa Hätting-fabrik.	At the Waken's Works on the 14th November, 1940.	TOWLINE...	75	2 3/4	75	2 3/4
															HAWSERS & WARPS	90	6	90	6
															"				
															"				
Iron Steam) (Electric) Steel Wire)	60	3"						60	8"						"				

Steering Gear, Type (Power or hand) *Hand steering* Alternative Means of Steering *By blocks.*

Steering Chains (Size and Test) *3/4" 7000 lbs.* Windlass *Electric, by G.B. Thige* Boats *2 life boats.*

Ceiling in Holds, thickness and material *2 1/2" white pine* Cargo Battens, thickness, material and spacing *none fitted*

Cargo Hatchways.—(Upper Deck) *Steel coamings, 830 mm high* Thickness of Hatches *10 mm (plate)*

Size of Hatchways No. 1 (Fwd.) *2300 x 2300 mm* No. 2 — No. 3 — No. 4 — No. 5 — No. 6 —

Number of Shifting Beams and/or Fore and Afters *none fitted*

Builder's Signature *E. B. EKENSBERGS VARV*
E. B. EKENSBERGS

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 *Oil tankers*.
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. ✓ 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).

The material and workmanship is good. The ship has been built in accordance with approved plans and instructions.

The tanks, decks and cofferdams have been tested in accordance with the Rules and the requirements of sections 20 and 40 of the Rules (1939-40) have been complied with where applicable.

The freeboards have been verified and the marks cut in the ship's sides. The ship is constructed to carry petroleum in bulk.

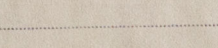
The amount of Entry Fee	£12. 76:00	Fees applied for,	(Special notations, where part of class, to be stated.)
Special Survey Fee....	£12. 1.894:00	5.9. 1941.	
FREEBOARD SURVEY FEE "	150:00	Received by me,	
Travelling Expenses, if any	£1. 6:20	19.....	
DITTO DUE TO THE GOTHENBURG OFFICE	80:00		
State whether the Vessel has been built under Special Survey.	Yes.		
Certificate to be sent to	Gen. office	Date of issue	

I am of opinion the Vessel should be Classed **100 A1**
 CARRYING PETROLEUM IN BULK.
 STRENGTHENED FOR NAVIGATION
 in ICE.
 Signature *H. J. Andersson*
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

The Surveys are requested not to arrive on or before the Committee's Minutes.

 © 2019 Lloyd's Reg Foundation

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.)

Boatings and castings ^{reports} now forwarded in respect of: Stern frame, rudder frame and rudder head.

Copies of Interim Certificates, as issued to the Owners, are attached hereto.

PARTICULARS OF ELECTRIC WELDING (if employed)

Decks, bulkheads, butts of shell plating.

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. Wireless. Notation regarding welding.

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

1st Bower	9-3-4	Entr.	J.Q.	1743	3.3.41
2nd "	9-2-19	--	--	1744	3.3.41
3rd "	8-1-18	--	--	1745	3.3.41

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.7 ft., B.D. — ft., Bridge — ft., Forecastle 17.5 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 8477 Signal Letters SEBT Extreme Breadth over Belting 29.6' Over-all Length 181.7' (Circ. 1811) (Circ. 1708)

No. and Material of Decks One deck (steel)

Parts of Bottom of Vessel coated with cement or approved composition Case and after peak tanks, bilges in dry hold, and bilges in E-space coated with cement.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	29
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	18
Double bottom, if under Engines only,	15.0	11.8	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, fore ,	5.7	62
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	—	—	(If necessary, furnish further information by sketch.)	—	—

Order for Special Survey No. —

Date 30.3.40.

Dates of Surveys held while building

6.8.23, 29, 13.23.30, 4.14.21.28, 5.8.23, 2.21, -40
8.9.10.24, 10.21.24.27, 5.8.15.24, 8, 29, 5.9.10.11.12.13.14.26
4.5.21, -41.

Total No. of Visits 39

Lloyd's Register Foundation