

STEEL STEAMER or MOTORSHIP.

Received at London Office 8 JAN 1929

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel YesDate of completion of report 4th January 1929Port of GothenburgNo. 7373Survey held at GothenburgDate First Survey 14th Nov. 1927Last Survey 29th Dec.

1928

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin Saeur Motor ShipGLARONA Machinery AftState Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full ScantlingCarrying Petroleum in Bulk State Type of Erections File + PoopTONNAGE under Tonnage Deck... 9003.31CLASS +100A.1.State if with freeboard as condition of Class No.Built at Gothenburg

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 47.40Launched 3rd Nov. 1928 Yard No. 414

Total

Breadth (greatest moulded) B 64.0Builders A. B. GotaverkenGross Tonnage 9911.70Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.0Owners Henry Ischadis TankrederiRegister Tonnage 5921.141st Longitudinal Number (L x D) = 17538Managers Samuel Eitzen & Co.
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) = 47874Residence OsloREGISTERED DIMENSIONS.
FEET.Length 47.54Framing Depth "d," at middle of length. See Sec. 3 (1d) 12.81Breadth 64.2Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.81Depth 37.5Do. Long Bridge to top of keel 26'-11 1/4"Draught Moulded 26'-11 1/4"Port of Registry Oslo

If surveyed while building, afloat, or in dry dock

Building afloat & on floating dock.

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.
ES, Spacing amidships	825		Bracket Floors, Frame		
" from 1/2 length to Collision bulkhead	675		" Reversed Frame		
" in peaks	610		" Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships	2000 x 12	
" Amidships, Angle, E or C	250 90 14		" top Angles	double 90 90 13	
" Extends up to	Upper Dk.		" bottom Angles	double 130 130 15	
" Forward Frame Amidships, Angle	280 90 14.5		Side Girders, No. each side and thickness	2 @ 15	
" Extends up to	Long ² B4 ²		Margin Plate depth (excl. of flange) and thickness	14.0 1/2" flush	
" of Framing Girder	250 x 280		" Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
" in Uppermost Continuous 'tween Decks, Angle, C or E			" Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" Second 'tween Decks, Angle, C or E			" Gussets, spacing and scantling abaft 1/2 len. from stem		
" Third " " "			" Gussets, spacing and scantling forward 1/2 len. from stem		
" in Peaks, Angle or C	240 90 11.5	app 220 x 85 x 10.5	Tank Side Brackets, height above base line at toe of Frame and thickness	See plan	
" meter and Spacing of Rivets through Frame and Shell Plating amidships	22 @ 125		INNER BOTTOM PLATING, in Motor Room		
" if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	2980 x 14	
" ING ARRANGEMENTS (Sec. 7), state system and particulars	Deep Framing & Stringers as per app. Plan.		Thickness of remainder in Holds	14	
" NGTHENING OF BOTTOM FORWARD. State Particulars	90 x 90 x 12 back bar with 1/2" hold and 1/2" for deep tank also 1/2" girders. See plan		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?	Yes	
" LE BOTTOM.			BEAMS.		
" ors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or C	220 85 11.5	
" Height of Brackets at side above base line at toe of frame			" in way of Bridge, Angle, C or E		
" dle Line Keelson, on Floors, Angles, C or E			Spacing	825	
" Through Plate or Intercoastal Plate	1600 x 12.5		Second Deck, amidships, Angle, C or E		
" Top Bulb Angles	250 90 12 double		Spacing		
" Flat Plate Keel Angles	150 150 13 double		Third Deck, amidships, Angle, C or E		
" Keelsons, No. each side	two		Spacing		
" depth Continuous thickness of Intercoastal Plate	1600 x 12.5		Fourth Deck, amidships, Angle, C or E		
" Top Bulb Angle	280 90 15 single		Spacing		
" Angles to shell	140 140 14 single		Poop Deck, Angle, E or C	200, 230 x 240	
" LE BOTTOM, in Motor Room.			Spacing	See plan 825	
" d Floors, thickness and spacing	11 @ 825		Bridge Deck, Angle, E or C	150 70 10	
" Are Frame and Reversed Frame joggled?	Frames only.		Platform		
" Bracket Floors, breadth and thickness at middle line			Spacing	1030	
" breadth and thickness at margin plate			Forecastle Deck, Angle, E or C	200 85 10	
			Spacing	675 x 610	

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.....						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 Holds " "						Thickness of Plating within line of openings...					
Two Longitudinal Centre Line Bulkheads						If Sheathed, material and thickness					
Stiffeners and Spacing..... Channels	240	9.5	8.5	13		Third Deck.					
Plating, thickness of	13.5	10.0	11.0			Stringer Plate, breadth and thickness.....					
STRINGERS AND DECKS.						If Plated, state thickness.....					
Uppermost Continuous Deck.						Fourth Deck.					
Stringer Plate, breadth and thickness in Wells	23.5	21.5				Stringer Plate, breadth and thickness.....					
" " " " in way of Bridge						If Plated, state thickness					
" Angle in Wells	160	160	21			Poop Deck.					
Thickness of Plating abreast Deck openings in way of Wells	21.5					Stringer Plate, breadth and thickness	9.5				
Thickness of Plating abreast Deck openings in way of Bridge						Plating, Sheathing, material and thickness ...	6.5	22	or		
Thickness of Plating within line of openings...	12.0					Bridge Deck, platform					
If Sheathed, material and thickness						Stringer Plate, breadth and thickness.....	6.5				
Second Deck, at ship side & long^g bulkheads						Plating, Sheathing, material and thickness ...	6.5	1/2	long piece deck		
Stringer Plate breadth and thickness in Wells...	13.00	11.5				Forecastle Deck.					
						Stringer Plate, breadth and thickness	9.5				
						Plating, Sheathing, material and thickness ...	9.0				

SHELL PLATING.

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.						
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	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.	
	<small>inches. No. No.</small>	<small>inches. No. No.</small>	<small>inches. No. No.</small>	<small>inches. No. No.</small>			<small>inches. No. No.</small>	<small>inches. No. No.</small>		<small>inches. No. No.</small>	<small>inches. No. No.</small>			
FLAT PLATE KEEL	2380	26.5	19.0	19.0	/	double	25	90.6	3	↓ sheer web altered for speed	28	120	double straps	
„ DBLG. (if any)														
BOTTOM PLATING, No. of Strakes 3		18.5	18.5	14	/	double	22	90.6	3		22	100	double straps	
BILGE PLATING, No. of Strakes 1		18.5	15	15	/	"	"	"	"		"	"	"	
SIDE PLATING, No. of Strakes 3		17.5	12.5	12.5	/	"	"	80.6	4		"	90	lapped	
UPPER DECK, Sheer- strake in Wells.....	1905	24.5	12.5	12.5	/	"	25	90.6	3	25	115	double straps		
UPPER DECK, Sheer- strake in Bridge ...					/									
STRAKE BELOW Sheer- strake in Wells.....	1640	22.5	12.5	12.5	/	double	25	90.6	3	25	115	double straps		
STRAKE BELOW Sheer- strake in Bridge ...					/									
POOP SIDE PLATING				10.5	/	single	22	90	2	22	80	lapped		
BRIDGE SIDE PLATING ...					/									
FOREC'TLE SIDE PLATING			11.0		/	single	22	90	2	22	80	lapped		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	15 (see plan)
" Deck next below	one
As per Rule	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				Flat plate keel
STEM				Roller Bar 280x70 Dortmund Union
STERN FRAME { Propeller Post	Cast	See plan	Rheinisch-Westfälische Stahl- u. Walzwerk	
{ Rudder			Krieger	
RUDDER—A x D			Witkowski	Balanced Rudder
Speed of Vessel		11 1/2	Bergbau- u. Hüttenwerke	
RUDDER mainpiece at head ...		354		
" " heel ...		265		
" how constructed	Forging		Amos shank & Kaper m.	
" double or single plate			single	
" coupling, vertical or horizontal			horizontal	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second					
" " Third					
" " Holds	9-13.5	Channels 240x9.5x85x13	810	3 Horizontal Stiles See plan	
COLLISION " (in Hold)	6.5-12.0	230x9.5x12	610	Half girders & R.T.T. See plan	
AFTER PEAK "	7.5-13.0	200x7.5x10	610	Half girders See plan	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	A. Chelle & Söhne; Gutföhrenhütte, Walzwerk Oberhausen; Witkowitz Bergbau- und Eisenhütten- u. Eisenwerk in Witkowitz; Fried. Krupp AG, Rheinhausen; Vereinigte Hüttenwerke Burbach-Eich-Düdelingen, Burbach.
	Has the Steel been tested as required by the Rules? Yes

8 JAN 1929

EQUIPMENT No. <u>149247</u>												LETTER <u>24</u>		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.				
<u>1173</u>	1st Bower ...	<u>81</u>	<u>3</u>	<u>24</u>		✓		<u>59</u>	<u>10</u>	<u>0</u>	<u>0</u>	<u>8 1/2</u>	<u>Union Stockless</u>	<u>Dortmunder Union</u>	<u>Dusseldorf; 27/4/28; M. Berg</u>
<u>1174</u>	2nd „ ...	<u>82</u>	<u>1</u>	<u>7</u>		✓		<u>60</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8 1/2</u>	„	„	„
<u>1175</u>	3rd „ ...	<u>82</u>	<u>0</u>	<u>24</u>		✓		<u>60</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8 1/2</u>	„	„	„
	Collective weight.	<u>246</u>	<u>1</u>	<u>27</u>								<u>24 1/2</u>	„	„	„
<u>1179</u>	Stream	<u>25</u>	<u>0</u>	<u>5</u>	<u>7</u>	<u>0</u>	<u>10</u>	<u>24</u>	<u>17</u>	<u>0</u>	<u>21</u>	<u>25</u>	<u>Ordinary Stock</u>	„	„ <u>2/5/28</u> „

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.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
<u>368</u>	<u>302.5</u>	<u>2 3/4</u>	<u>116.7</u>	<u>163.3</u>	<u>1064</u>	<u>3-2</u>		<u>989</u>	<u>300</u>	<u>2 3/4</u>	<u>Stand</u>	<u>Carl Schlieper</u> <u>Grüne Westf. Dusseldorf; 28/5/28</u> <u>J. Quast</u>		<u>TOWLINE...</u>	<u>130</u>	<u>6</u>	<u>86.36</u>	<u>130</u>	<u>6</u>
														<u>HAWSERS & WARPS</u>	<u>4290</u>	<u>3</u>	<u>18.27</u>	<u>4290</u>	<u>2 3/4</u>
														„	<u>2 @ 100</u>	<u>2 3/4</u>	<u>15.75</u>		
<u>From Stream</u> <u>Chain or</u> <u>Steel Wire</u>	<u>120</u>	<u>5 1/4</u>	<u>65</u>						<u>120</u>	<u>5 1/4</u>	<u>S.W.</u>	<u>Carl Schlieper</u> <u>Aktien-Gesellschaft</u>		„					

Steering Gear, Steam

Electric by Dredin

Emergency Steering Gear, Hand

Tiller with block & tackle to winch

Boats

2 @ 28 x 8.5 x 3.5

Steering Chains, Size and Test

Windlass

Steam 14" x 16" by H. & J. H. & Co. Ltd.
W. & A. H. & Co. Ltd.

Ceiling in Holds, thickness and material

2 1/2" pine

Cargo Battens, thickness, material and spacing

none

Cargo Hatchways.—(Upper Deck)

32" x 36" coaming

Thickness of Hatches

steel cover

Size of No. 1 Hatchway (Forward)

6.65 x 10.0

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

none

AKTIEBOLAGET GÖTAVERKEN

Builder's Signature

U. Medus

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Tanker. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The materials and workmanship are good. The vessel has been built in accordance with the approved plans, and instructions, the Secretary's letters of various dates & in conformity with the Rules for the class contemplated.

The vessel is constructed to carry Petroleum in bulk, and oil fuel in the double bottom under the machinery, in the oil fuel bunkers situated at each side at the forward end of the machinery space in the forward deep tank and in the after Tank.

The flash point of the oil fuel is above 150°F. The port oil fuel bunker is arranged for heavy oil for the boilers if desired. The boilers are oil fired.

The tanks, cofferdams, pump room, bulkheads, and decks have been tested in accordance with the requirements of the Rules, and the requirements of Sec. 20 of the Rules have been complied with where applicable.

The fireboard has been assigned & marked on the vessel's side by the Norske Veritas (sewer)

The amount of Entry Fee £ 4 : 200 : 20.Special Survey Fee £ 4 : 122 : 4.73Travelling Expenses, if any £ 4 : 17 : 00.

Fees applied for,

19

Received by me,

11/2/29I am of opinion the Vessel should be Classed + 100 A.1.
"Carrying Petroleum in bulk."

State whether the Vessel has been built under Special Survey

Yes.

Signature

Geo. Lockstar.

Certificate to be sent to

Göteborg.

Date of issue

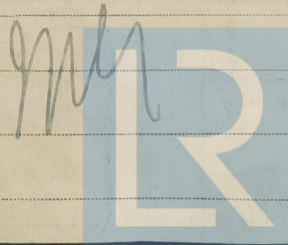
11/2/29

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 11 JAN 1929

Character assigned

+ 100 A.1. carrying Petroleum in BulkLloyd's A & C+ L.M.C. 12.28 Oil Engines2d. B. 150 lbs.

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Lloyd's Register
Foundation

002418-002426-0098 2/2

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 the Plans should be embodied.)

T.S.M.S. "NIKE" Sothenburg Report No 7328 is a sister vessel.

Midship Section
Profile + Decks
Shell
Longitudinal B&B
Stem Frame + Rudder
Fore Peak + Deep Tank
Fore Peak
2 Riveting Tables
Pump Room
Oil Fuel Bunkers
After Peak + Machinery Space
Motor Seats

Also Midship Section + Profile + Decks as built
Inquiry + Casting reports also forwarded.

The freeboard assigned by the Alaska Vintner is as follows:-

Summer freeboard - 10'-1" from top of statutory deck line at least of top of upper D. str.
FW - 7" above centre of deck.
W - 6 1/2" below " "
1st - 7" above " "
2nd - 6" below centre of deck.
Corresponding draught at stern = 27'-2 1/4"

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

1st Bower 53-1-1; J.R.; 296; 15/2/28.
2nd " 53-2-19; J.R.; 300; 15/2/28.
3rd " 53-3-19; J.R.; 298; 15/2/28.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 103.08 ft., R.Q.D. ft., Bridge ft., Forecastle 39.0 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 dk (ste)

Official No. ; Signal Letters L.G.W.V.
particulars of composition 3 W. D.B. tank, fore peak, + aft peak - constant. Is bottom of Vessel coated with cement part. if not

PARTICULARS OF WATER BALLAST.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, 101 tons F.W.; 27 tons sub. oil; 150 tons F.O.	70.5	304	Fore peak tank, 4A.	25.0	19
Double bottom, under Engines and Boilers,			After peak tank, 4B = 275 tons	30.0	31
Double bottom, if under Engines only,			Deep tank aft, 4C = 537	21.6	64
Double bottom, if under Boilers only,			Deep tank, forward, 4D = 549.	33.0	
Double bottom, forward,			Other tanks, if fitted,		
Total length of D.B. = 70.5			(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 138

Date 21/3/27

Dates of Surveys held while building

1927:- Dec 10, 12, 22, 28; 1928:- Jan 2, 11, 19, 27; Feb 2, 9, 12, 22, 28, 28; March 1, 5, 9, 16, 20, 24; April 13, 19, 24; May 3, 8, 11, 23, 30; June 8, 14, 29; July 3, 12, 30; Aug 9, 25; Sept 3, 19, 25; Oct 1, 2, 3, 3, 10, 16, 18, 24, 25, 26, 29, 30; Nov 1, 2, 3, 16, 20, 20, 21, 26, 30; Dec 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 21, 28, 29.

Lloyd's Register Foundation
Total No. of Visits