

STEEL STEAMER or MOTORSHIP.

Received at London Office 20 MAY 1935

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 *17th May, 1935*Port of *Gothenburg*No. *10239*Survey held at *Gothenburg*Date First Survey *Aug, 7th, 1934*Last Survey *9th May 1935*

On the (State if Machinery fitted Aft and

Single Screw Motor Ship ALEXANDRA HOEGH Machinery aft

State Type (Full Scantling, Complete Superstructure

with or without Tonnage Opening)

*Full Scantling, Carrying Petroleum in Bulk*State Type of Erections *Pop, Bridge, Etc.*

TONNAGE under

Tonnage Deck

*7503.97*CLASS *100 A1*

State if with freeboard

as condition of Class

Built at *Gothenburg*

FEET.

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 *465' 0"*Launched *19th Febr. 1935* Yard No. *258*

Breadth (greatest moulded)

B *60' 9"*Builders *A.B. Erikssons Mekaniska Verkstad*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D *34' 0"*Owners *Skibs A/S. Aradisa*

Total

Gross Tonnage

8248.32

Register Tonnage

4985.12

1st Longitudinal Number (L x D)

= *15438*Managers *Leif Hoegh*

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

2nd Numerical L x (B + D)

= *43686*Residence *Oslo*

REGISTERED DIMENSIONS.

FEET.

Length

469.2

Breadth

61.1

Depth

34.5

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

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

*13.676*Port of Registry *Oslo*

Do. Long Bridge to top of keel

Draught Moulded

26' 9 1/2"

If surveyed while building, afloat, or in dry dock

Building afloat and on floating dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	800	✓	Bracket Floors, Frame	✓	
" " from <i>fore end of 1st tank</i> length to Collision bulkhead	685	✓	" " Reversed Frame	✓	
" " in peaks	605	✓	" " Vertical Struts	✓	
IDE FRAMING.			Centre Girder, depth and thickness amidships	<i>1170 x 11 1/2</i>	✓
Frame Amidships, Angle, <i>E or C</i>	<i>280 90 12</i>	✓	" " top Angles	<i>90 x 90 x 12 1/2</i>	✓
" " Extends up to <i>Longitudinal Bulkheads</i>			" " bottom Angles	<i>100 x 90 x 14</i>	✓
<i>Side</i> Reversed Frame Amidships, Angle <i>2</i>	<i>280 90 11</i>	✓	Side Girders, No. each side and thickness	<i>32 19 15 x 10 1/2</i>	✓
" " Extends up to <i>Upper deck</i>		✓	Margin Plate depth (excl. of flange) and thickness	<i>13.6</i>	✓
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>C</i> or <i>C</i>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, <i>C</i> or <i>C</i>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Third " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, Angle or <i>C</i> <i>fore - 7</i>	<i>200 90 10 1/2</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>As per app. plan</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>22 x 136</i>	✓	INNER BOTTOM PLATING, in motor room		
State if Frame Joggled	<i>Yes</i>	✓	Breadth and thickness of Middle Line Strake	<i>26 96 x 13</i>	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Deep frames and stringers as per app. plan</i>	✓	Thickness of remainder in Holds	<i>13</i>	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>90 x 90 x 11 1/2 bulk bar from 1/4 to collision bulkhead extra girders in innermost hold.</i>	✓	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?	<i>Yes</i>	✓
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or C</i>	<i>200 x 90 x 10 angle</i>	✓
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, <i>C</i> or <i>C</i>	<i>200 x 90 x 10 angle</i>	✓
Middle Line Keelson, on Floors, Angles, <i>E or C</i>	✓		Spacing	<i>800</i>	✓
" " Through Plate or Intercoastal Plate	<i>1700 x 12 1/2</i>	✓	Second Deck, amidships, Angle, <i>C</i> or <i>C</i>	✓	
" " Foundation Plate on Floors	<i>200 x 90 x 12 1/2</i>	✓	Spacing	✓	
" " Flat Plate Keel Angles	<i>150 x 150 x 13 1/2</i>	✓	Third Deck, amidships, Angle, <i>C</i> or <i>C</i>	✓	
Side Keelsons, No. each side	<i>One in centre tank</i>	✓	Spacing	✓	
" " Depth and thickness of Intercoastal Plate	<i>1700 x 12 1/2</i>	✓	Fourth Deck, amidships, Angle, <i>C</i> or <i>C</i>	✓	
" " Top bulk angles	<i>280 x 90 x 14 1/2</i>	✓	Spacing	✓	
" " Angles to shell	<i>150 x 150 x 13</i>	✓	Poop Deck, Angle, <i>E or C</i>	<i>230 x 90 x 12</i>	✓
DOUBLE BOTTOM, in motor room			Spacing	<i>800 x 605</i>	✓
Solid Floors, thickness and spacing	<i>Every frame 10 1/2</i>	✓	Bridge Deck, Angle, <i>E or C</i>	<i>230 x 90 x 10</i>	✓
" " Are Frame and Reversed Frame joggled?	<i>Frames only</i>	✓	Spacing	<i>800</i>	✓
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, <i>E or C</i>	<i>200 x 75 x 10</i>	✓
" " breadth and thickness at margin plate	✓		Spacing	<i>685 x 605</i>	✓

W1165-01322

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	Beams in way of horizontal girders	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
	INCHES	FEET			INCHES	FEET	
Stringer Plate, breadth and thickness in way of Bridge	200	90	10. ang.	✓			
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	9.						
Plating, Sheathing, material and thickness ...	6 1/2 Oregon pine 2 1/2"						
Bridge Deck.							
Stringer Plate, breadth and thickness.....	1420 x 10 1/2 blackwood						
Plating, Sheathing, material and thickness ...	8.5 Swedish pine 2" in way of deck						
Forecastle Deck.							
Stringer Plate, breadth and thickness.....	9 1/2						
Plating, Sheathing, material and thickness ...	9.						

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.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.
FLAT PLATE KEEL	2150	24	20	20	✓	2 R.	25	70/100	5 R.	25	115
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes		17 1/2	19 1/2	12 1/2	✓	2 R.	22	8089	4 R.	22	90
BILGE PLATING, No. of Strakes		17 1/2	12 1/2	12 1/2	✓	2 R.	22	9080	4 R.	22	90
SIDE PLATING, No. of Strakes		16 1/2	12	12	✓	2 R.	22	9080	4 R.	22	90
UPPER DECK, Sheer-strake in Wells.....	1920	24	12	12	✓				5 R.	25	115
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	2100	19 1/2	12	12	✓	2 R.	25	8089	4 R.	25	100
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING				10.	✓	1 R.	19	75	1 R.	19	65
BRIDGE SIDE PLATING ...		11.	✓		✓	1 R.	25	110	1 R.	19	65
FORECASTLE SIDE PLATING			11.		✓	1 R.	19	75	1 R.	19	65

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	12 (+4 in centre tanks only)
Extending to Upper Deck (Sec. 3 c)	11 (+4 in centre tanks only)
" Deck next below	1 (Aft Peak)
As per Rule	7.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			Plate plate keel.	
STEM			Roller bar	
STERN FRAME { Propeller Post	Cast	As per plan	Messrs. Rührstahl & Co. of Hattungen.	
{ Rudder				
RUDDER—A x D.....		719.5 ft. ³		
Speed of Vessel.....		12 knots		
RUDDER mainpiece at head ..			Messrs. Rührstahl & Co. of Hattungen.	
" " heel ..			Cast	
" how constructed ...				
" double or single plate ..		12.		
" coupling, vertical or horizontal.....		Horizontal		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds	13, -10,	260 x 10 x 90 x 14	840	22 horizontal girders	
COLLISION " (in Hold)	1 1/2 - 6 1/2	165 x 75 x 8 C	✓	610	23 " and deep tank top."
AFTER PEAK " upper part	7 1/2	150 x 75 x 8 C	✓	610	23 " and deep tank top."
lower "	13	150 x 75 x 10 C	✓	2 horizontal stiffeners	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open hearth process
	Wittkewitz & Bergbau & Eisenhütten, Gewerkschaft and Gattchaffnungshütte.	
	Has the Steel been tested as required by the Rules?	yes.

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Lloyd's Register 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.)

The following plans are now forwarded:—

- ✓ Midship section.
- ✓ Longitudinal Section & Plans.
- ✓ O. H. bulkheads Nos 38, 42 & 44.
- ✓ Fore end.
- ✓ Skin frame and rudder.
- ✓ After end framing.
- ✓ Poop front.
- ✓ Double bottom and engine seat.
- ✓ Hatch for dry cargo hold.
- ✓ Hatch for oil tanks.
- ✓ Gangway.
- ✓ Arrangement of auxiliary steering gear.
- ✓ Masts.
- ✓ Tiller.

Note: Plan of Bridge retained in London Office.

to fitted plans now forwarded:—

- ✓ Midship section.
- ✓ Longitudinal section & plans.
- ✓ Fore end of vessel.
- ✓ After end of vessel.

See Forgings & Castings certificates in respect of:—
Skin frame, rudder, rudder stock, Tiller, Rudder
tiller, steering gear and flat davits.

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

1st Bower	Anchor Head	48:0:26 cwt, KH, 10342, 30.1.35	Anchor Shank	26:1:4, KH, 1509, 30.1.35.
2nd "	"	48:2:25 " KH, 10343, 30.1.35	"	25:2:6, KH, 1507, 30.1.35.
3rd "	"	48:2:14 " KH, 10344, 30.1.35.	"	25:3:5, KH, 1508, 30.1.35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.0 ft., R.Q.D. ☒ ft., Bridge 28.3 ft., Forecastle 40.0 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. (steel)

Official No. : Signal Letters LIYZ Is bottom of Vessel coated with cement part. if not give
particulars of composition Cement in F. H. double bottom tank & fore peak

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. SALT Tons.	Where Fitted.	*Length. Feet.	Water Capacity SALT Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers <i>Test water 54.5 cwt</i>			After peak tank, <i>Q.F. or W.B.</i>		
Double bottom, if under Engines only, <i>Q.F. or W.B. 10.0 cwt</i>	67.5	187.5	Deep tank, aft, <i>Cross bunker</i> <i>Q.F.</i>	25.8	141
Double bottom, if under Boilers only, <i>Sub. oil 32.0 cwt</i>	including cofferdams		Deep tank, forward, <i>Q.F. or W.B.</i>	10.1	584
Double bottom, forward,			Other tanks, if fitted, (If necessary, furnish further information by sketch.)	22.5	465
	Total capacity of double bottom	187.5			

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 210

Date

29.5.34

Dates of Surveys
held while building

1934:— Aug. 7, 17, 30. Sept. 3, 11, 12, 14, 19, 27. Oct. 6, 11, 18, 23, 24. Nov. 5, 7, 17, 20, 21, 23, 29.
Dec. 4, 7, 14, 19, 21, 27. 1935:— Jan. 2, 8, 10, 16, 19, 23, 26, 28, 31. Feb. 4, 6, 8, 9, 11, 12, 13.
16, 18, 19, 20, 25. March 2, 6, 11, 13, 18, 20, 27, 29. April 2, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19.
20, 22, 23, 25. May 2, 6, 7, 8, 9.

Total No. of Visits 78