

DISCLOSED

STEEL STRAMER MOTORSHIP.

Received at London Office

DISCLOSED FEB 1956

SECTION

SECTION

No. 847 B

No. 847 B

Date of completion of report 20th February, 1956. Port of Gothenburg No. 22160

Survey held at Gothenburg Date First Survey Last Survey 8th February, 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motorship "A R J E P L O G" (Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure) Full scantling, Ore carrier State Type of Erections Forecastle and poop

TONNAGE under 9360.89 Tonnage Deck

CLASS +100A1

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 460'-0"

Launched 18.10.1955. Yard No. 711

Total ---

Breadth (greatest moulded) B 64'-0"

Builders AB. Götaverken

Gross Tonnage 10805.42

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 42'-6"

Owners Trafik AB. Grängesberg-Oxelösund

Register Tonnage 5566.28

1st Longitudinal Number (L x D) =

Managers Erland Waldenström

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. XXXXX M

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

Residence Stockholm

Length 143.25

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

Port of Registry Stockholm

Breadth 19.55

Do. Long Bridge to top of keel =

If surveyed while building, afloat, or in dry dock whilst building, afloat and on float and dock Ship docked 28.12. - 31.12.55.

Depth 11.57

Draught Moulded 27'-6"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm XXXXX IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	Long. framing see attached sheet			
Frame No. 72	750	/		
Collision bulkhead	610	/		
in peaks				
SIDE FRAMING.	Long. framing see att. sheet			
Frame Amidships, XXXXX				
Extends up to				
Reversed Frame Amidships, Angle				
Extends up to				
Depth of Framing Girder				
Frames in Uppermost Continuous 'tween Decks, Angle, [or]				
Second 'tween Decks, Angle, [or]				
Third " " " "				
from 1/2 len. for'd. to 15% len. from Stem	Long. framing	/		
in Peaks, Angle XXXX	180 x 90 x 11	/		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	Welded	/		
State if Frame Joggled	No	/		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	/		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	/		
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds				
Height of Brackets at side above base line at toe of frame				
Middle Line Keelson, on Floors, Angles, [or]				
" " " Through Plate or Inter- costal Plate				
" " " Foundation Plate on Floors				
" " " Flat Plate Keel Angles				
Side Keelsons, No. each side				
" " thickness of Intercoastal Plate				
" " Angles				
DOUBLE BOTTOM. (In way of Ore holds)				
Solid Floors, thickness and spacing	See attached sheet	/		
" " Are Frame and Reversed Frame joggled?				
Bracket Floors, breadth and thickness at middle line				
" " breadth and thickness at margin plate				
Bracket Floors, Frame				
Reversed Frame				
Vertical Struts				
Duct keel				
depth and thickness amidships	1800x14.0	/		
top Angles	Welded	/		
bottom Angles	Welded	/		
Side Girders, No. each side and thickness	One 9.5 mm	/		
Margin Plate depth (excl. of flange) and thickness				
Vertical Angle to Tank side Bracket abaft 1/4 len. from stem				
Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area				
Gussets, spacing and scantling abaft 1/4 len. from stem				
Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING.				
Thickness of remainder in Holds	18.0	/	16.0	/
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	/		
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, [or]	Long. framing see att. sheet	/		
" " in way of Bridge, Angle, [or]				
Spacing				
Second Deck, amidships, Angle, [or]				
Spacing				
Third Deck, amidships, Angle, [or]				
Spacing				
Fourth Deck, amidships, Angle, [or]				
Spacing				
Poop Deck, Angle, [or]	180x90x10.5 and as appd.	/		
Spacing	825 and 610	/		
Bridge Deck, Angle, [or]				
Spacing				
Forecastle Deck, Angle, [or]	170x90x9 and as appd.	/		
Spacing	As appd.	/		

PILLARS AND DECKS.

	mm XXXX IN SHIP.	Any Departure from Approved Plans to be Noted.	mm XXXX 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		18.0; 15.0; 12.0; 11.0; 16.0; 13.0; 12.0; 11.0; 10.5; 10.5; 10.5; 10.5; 10.5; 10.5; 10.5; 10.5;		
Plating, thickness of side bulkheads from tanktop to deck				
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	18.5	Deck		
" " " " in way of Bridge				
" Angle in Wells	1600	Shell		
Thickness of Plating abreast Deck openings } XXXXXXXXXX	16.			
Thickness of Plating abreast Deck openings } in way of Bridge.....				
Thickness of Plating within line of openings...	16.			
If Sheathed, material and thickness.....	---			
Second Deck.				
Stringer Plate, breadth and thickness in Wells	---			
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.....				
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, XXXXXXXXXX thickness.....			9.0	
Plating, Sheathing, material and thickness ...			8.	
Bridge Deck.				
Stringer Plate, breadth and thickness.....			---	
Plating, Sheathing, material and thickness ...			---	
Forecastle Deck.				
Stringer Plate, XXXXXXXXXX thickness.....			8.0	
Plating, XXXXXXXXXX thickness.....			8.0	

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 OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	XXXX mm	XXXX mm	XXXX mm	XXXX mm		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	2000	26.0 ✓	26.0	26.0 ✓	✓							
„ Dblg. (if any)					✓							
Bottom Plating, No. of Strakes2.....		16.0 ✓	A=20.0	12.5 ✓	✓							
Bilge Plating, No. of Strakes1.....		16.0 ✓	---		✓							
Side Plating, No. of Strakes4.....		16.0	25.0	12.5 ✓	✓							
Upper Deck, Sheer- strake for 11.0		18.5 ✓	13.0	13.0 ✓	✓	Welded	✓	Welded	✓			
Upper Deck, Sheer- strake in Bridge ...		---										
Strake below Sheer- strake in Wells		---										
Strake below Sheer- strake in Bridge ...		---										
Poop Side Plating.....				11.0 ✓	✓							
Bridge Side Plating.....												
Forecastle Side Plating				11.0 ✓	✓							

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 7 in way of holds
 Extending to Upper Deck (Sec. 3 c) 7 " " " " " "
 " " " " " " " "
 " " " " " " " "
 Deck next below —
 As per Rule 7

		STIFFENERS.			
		VERTICAL.	HORIZONTAL.		
Plating Thickness.		SCANTLING X mm	SCANTLING X mm	Scantlings. Spacing.	
MIDSHIP BULKH'D,	Upper 'tween decks				
"	Second		350 650 350		
"	Third				
"	Holds	12.5		1 stringer	
COLLISION	(in Hold)	13, 9.5, 8, 7.5, 6	225x90x11 180x90x10	610	
		18, 10, 11, 9, 8.5	150x75x10	750	
AFTER PEAK				3 stringers & Tanktop	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	Flat plate keel			/
STEM	Steel plate			/
STERN X { Propeller Post	Cast As AB.			/
FRAME { Rudder " V	and per appd. Mo- Forged plan Verkst.			/
Speed of Vessel	14.5 knots			/
RUDDER—Type V	Balanced streamline			/
" A x D.....	556			/
" Diam. of head V	317 mm			/
" Mainpiece at top pintle	290 mm As per			/
" " heel	270 mm appd. plan			/
" how constructed	Welded			/
" double or single plate	Double 13.0			/
" coupling, vertical or horizontal	Horizontal			/

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). Open hearth and E.L. Turner
Dortmund Hoerde; Colvilles Ltd; S.A. de la Fabr de Fer de Charleroi; South Durham Steel and Iron Co.; Det
Danske Staalvalsevaerk; AB Domnarfvets Jernverk; AB. Norrbottens Jernverk; Skinningrove Iron Co.; Dorman, Lo
Has the Steel been tested as required by the Rules? Yes

PARTICULARS OF LONGITUDINAL FRAMING.

[illegible]

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, dec., on the first page.

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Lloyd's Register
Foundation

0088 2/3

£15 100 lb.

HAWSERS AND WARPS.

Iron Stream
Chain or
Steel Wire

AKTIEBOLAGET COTAVERKEN

This vessel has been built under Special Survey in conformity with the Society's Rules and Regulations and the
ry's letters. The scantlings and arrangements of the ship are as given in the report and are as shown and
on the approved plans now forwarded. All modifications or additions to the original approved arrangements
ring the construction have been indicated on the plans and have been approved as being in accordance with, or
dards equivalent to, the Rule requirements. The plans of Midship Section, Longitudinal Section and Plans and
xpansion showing the ship as built now forwarded herewith, have been checked with the approved arrangements and
n order. The materials and workmanship are of good quality. The peak- and counter tanks, all side tanks, deep
wing tanks, settling tanks, fresh water tanks and double bottom tanks and cofferdams have been tested as required
Rules and found satisfactory. The weather decks clear of tanks, bulkheads, watertight doors and steel hatch
have been hosed tested satisfactorily. The windlass, steering gear, bilge pumping arrangements have been tested
nd in order. The assigned freeboards have been marked in the ship's sides, verified and cut in. Oil or water
is carried in deep tanks, wing tanks, upper after peak tanks and in part of the double bottom at the fore
the machinery space. Water ballast is carried in fore peak tank, side tanks Nos. 2, 3, 4 and 5 and lower after peak
Side tanks Nos. 1 and 6 are dry tanks. The requirements of Section 20 of the Rules where applicable for the
e of oil fuel having a flash point above 150°F. have been complied with. Steel plates which has been approved under
as manufactured by Colvilles Ltd., Glasgow, S.A. de la Fabr. de Fer de Charleroi and Dortmund Hörde as per copies
il expansion (214214) and Main deck (214333) forwarded under separate cover, Bottom longitudinals 365 x 21 was
actured by S.A. de la Fabr. de Fer de Charleroi Marks 10/1. - 10/7..

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

Signature Boyd
Surveyor to Lloyd's Register of Shipping.

Date of issue 28/5/56

TUESDAY 20 MAR 1956

~~7100 A1 Gre Carrier~~
12.55 Got.

+LMC 2.56 (With Torsional Endl^t)

Ch.

Write Got.

5RL.

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Lloyd's Register
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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.)

Sister vessel: m/s "Abisko" AB. Götaverken Yard No.710 Gothenburg First Entry Report No.22050.

As fitted plans: forwarded under separate cover.

Midship Section, Longitudinal Section and Plans, Shell expansion and Capacity Plan.

Approved plans,forwarded for the sister vessel.

Certificates: forwarded under separate cover.

Davits, Steering gear, Sternframe, Rudder, Rudder bearings, Rudder coupling, Rudder shaft, Propeller boss, Rudder head. P-403 material certificates (also for the sister vessel).

Raise of floors 150 mm.

40 mm in plan

Note:

At the Builders' request survey was held on the 16th October, 1955 between 9.00 and 10.30 o'clock by B. Roslund.

PARTICULARS OF ELECTRIC WELDING (if employed) Electrically welded. Electrodes used are approved for Ship Construction.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book
Ore carrier, Electrically welded, Long. framing, Str. for nav. in ice,
Cruiser stern, Lloyd's A&CP, Wireless, Direction finder, Echo sounding
device, Gyro Compass and Pilot, Radar.

RADAR Equipment (State if fitted) Yes
State Type or Pattern No. Model 1402 Serial 1643
State } Maker Raytheon Mariners Pathfinder
Name } and/or
of } Supplier

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

1st Bower Head:	2872kg H.A.B. 4686 20.8.55.	Shank:	1572kg H.A.B. 4691 20.8.55.
2nd "	" 2912kg H.A.B. 4687 20.8.55.	"	1574kg H.A.B. 4690 20.8.55.
3rd "	" 2902kg H.A.B. 4688 20.8.55.	"	1570kg H.A.B. 4689 20.8.55.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 95.5 ft., R.Q.D. --- ft., Bridge --- ft., Forecastle 48.5 ft.

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

Official No. Signal Letters Extreme Breadth over Belting 64.1' Over-all Length 490.0'
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 deck (steel)

Parts of Bottom of Vessel coated with cement or approved composition Fore peak, Ballast deep tanks, Lower after peak, Counter and
Fresh water tank in double bottom aft.

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.	Salt Water Capacity.	Where Fitted.	Length.	Salt Water Capacity.
Double bottom, aft, No.10-No.40	81.2	219.6	Fore peak tank, W.B.		85.9
Wing tanks F.O. or W.B. No.36-40	9.8	258.7	After peak tank, (Lower) W.B. -No.10		178.3
Settling tanks, above wing tanks F.O. No.36-40	9.8		Deep tank, aft, (Upper) F.O. & W.B. Nos.10-12	13.5	325.9
Fresh water tanks, above after peak No.4-9	10.0	112.7	Deep tank, forward, F.O. and W.B. Nos.72-74	19.7	698.0
Ballast deep tanks Nos.40-72	315	6335.5	Other tanks, if fitted, Counter tank F.W.		43.0
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		
Lubr. oil carried in the centre port on below eng. 45.3 m ³					

Order for Special Survey No. 620

Date London 30.11.54

Dates of Surveys
held while building

April; 27. May; 71, 26, June; 7, 8, 9, 9, 13, 16, 20, 21, 29. July; 14. Aug; 8, 9, 10, 11, 12, 15, 16, 18, 22, 24, 25. Sept; 1, 6, 8, 9, 12, 12, 13, 13, 16, 20, 21, 22, 23, 27, 30. Oct; 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 18, 19, 21, 31. Nov; 7, 8, 10, 16, 22, 23, 24, 25, 28, 28, 29, 29, 29, 30. Dec; 1, 1, 2, 3, 5, 8, 8, 9, 9, 20, 28, 29, 29, 30, 30, 31. Jan; 2, 5, 9, 10, 11, 12, 20, 24, 25, 26, . Febr; 3, 4, 6, 7, 8.

Total No. of Visits 102