

Rpt. 1

DISCLOSED SECTION 443

DISCLOSED SECTION

Port of Stockholm No. 12248

Date of completing report 27/10 1959

When handed in at Local Office

Received London 30 OCT 1959

Survey held at Gävle

First Visit 4.6.1958

Last Visit 15.9.1959

No. of Visits 63

F.L. FROM ACCTS.	30/10
F.L. FROM ADMIN/F	6/11
PLANS RECD.	23/11
CERTS. RECD	6/11
TO RPTS. DEPT.	23/11

# FIRST ENTRY SHIP REPORT

ON THE SS/MS "AGATAN"

Has Report been sent on (1) Freeboard of Ship?  Yes (2) Machinery?  Yes

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship	Tug	Is machinery fitted aft?	No
Length (D 201 of Rules)*	71.80 m. ✓	Built at	Gävle
Breadth (D 202 of Rules)	12.50 m. ✓	Launched	16.1.1959
Depth (D 203 of Rules)	5.20 m. ✓	Builders	A/B Gävle Varv, Gävle
Draught (summer moulded) (D 204 of Rules)	4.08 m.	Owners	U.S.S.R.
Deck Factor "F" excluding d <sub>t</sub>	-	Address	-
" " "F" including d <sub>t</sub>	-	Managers	-
Gross tonnage	1441	Address	-
Net tonnage	419	Port of Registry	Leningrad
Official number	-	Date of last survey in drydock	1.7.1959.
Signal letters	-		

### GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters?  Yes

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements?  Yes.

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements?  Yes.

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order?  Yes.

Are the materials and workmanship satisfactory?  Yes.

Have the freeboards been satisfactorily marked on the ship's sides and verified?  Yes.

**BUILDER'S DECLARATION:** To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

**Aktiebolaget Gävle Varv**  
*Sigvard Sjogren* Builder's Signature

### FEES, etc.

Special Survey fee Kr. 7.350:--

Travelling expenses Kr. 2.716:--

Late attendance fees

Fees applied for 23/10 1959. Received -

Classification Certificate to be sent to Stockholm office

Date of issue 23. 12. 59

Has an Interim Certificate been issued?  Yes.

This Ship in my opinion is eligible to be classed:—  
 (Special notations where part of class to be stated)

+100A1, For towing services. Ing

Part. long. framing at bottom and side shell.

Electrically welded.

Strengthened for navigation in ice.

Signature *H. O. Allerton*  
 Surveyor(s) to Lloyd's Register of Shipping

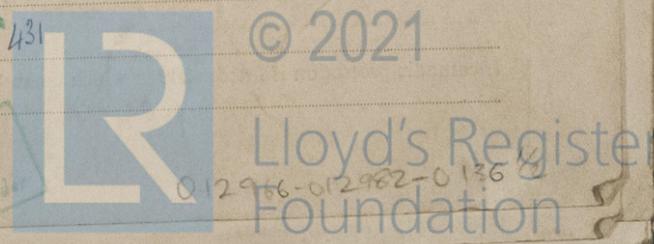
Committee's Minute ✓ FRIDAY 11 DEC 1959

Character Assigned ✓ +100 A1  
 Ing  
 DS 7.59

LACP  
 Strengthened for navigation in ice.

+LMC  
 ES  
 DBS  
 TS OG

The Surveyors are requested not to sign below the Committee's Minutes



**STEEL**

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— **Domnarfvets Jernverk and South Durham Steel and Iron Co.**

Sections:— **Domnarfvets Jernverk, Dorman Long (Steel) Ltd., Middlesbrough and Norrbottens Järnverk A/B, Luleå.**

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? **Yes.** ✓

Process of manufacture (e.g. Open hearth, electric furnace, etc.) **Open Hearth or Electric furnace.** ✓

Particulars of Special Quality Steel used **Shell plates F 9 and F 9 A (port and starboard).**  
(Advice notes to be forwarded separately with plan showing disposition of these plates)

**ELECTRIC WELDING**

Parts of main structural importance electrically welded **Hull of all welded construction.**

Parts examined by radiography **Seams and butts in bottom, bilge and side shell plating and deck plating.**

Were the electrodes used of types approved by the Committee? **Yes.** ✓

**FORGINGS, CASTINGS AND FABRICATED PARTS**

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	Cast	Smedjebackens Valsverks A/B. ✓
Shaft brackets	Cast	Kohlswa Jernverks A/B. ✓
Sternframe	Cast	Kohlswa Jernverks A/B. ✓
Rudder <del>shaft</del> <sup>shaft</sup>	Forged	Björneborgs Jernverks A/B. ✓
Rudder head	Forged	Björneborgs Jernverks A/B. ✓
Quadrant		
Tiller	Cast	Varde Staalvalsvaerk. ✓

**GENERAL PARTICULARS**

Steering gear (Type & Maker) **140/13LCR4, Svendborg** ✓ Auxiliary steering gear -

Steering chains (Size & test) - Windlass (Type & Maker) **N.W.I.A., Th. Thrige (electric).** ✓

Ceiling in holds (Material & thickness) **3" wood on 1/2" battens.** ✓ Are cargo battens fitted in holds? **No.** ✓ in 'tween decks? -

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— **F.P. Nos.1 & 2 Deep tanks, Nos.11,12 & 13 F.W., A.P. cement washed.**

Particulars of composition (if any):— -

Insulated cargo compartments (if any):— -

Parts of structure of material other than steel (if any):— **Wheel house top and front of light alloy.**

If mechanical ventilation is fitted, state in which cargo spaces:— -

If cathodic protection is fitted, state in which tanks:— -



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EQUIPM  
ANCHOR  
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EQUIPMENT  
ANCHORS

Number

15516

Letter

9

Certificate No.	Anchor	Weight of Anchor				Weight of Stock (if any)		Test per Certificate			Rule weight	Description of Anchor	Where and when tested	
		31	2	18	✓	-	29	18	3	0				✓
85148	Bower (1)	31	2	18	✓	-	29	18	3	0	✓	31 3/8	Stockless	LPH.CH 24.11.58
85149	" (2)	31	2	21	✓	-	29	18	3	0	✓	31.3/8	Hall's type	Ditto.
85147	" (3)	31	2	14	✓	-	29	16	3	14	✓	31 3/8		Ditto.
	Coll. wt.													
85127	Stream	7	3	14	2	0	0	10	0	1	7	-	Ordinary Pattern	LPH.CH 2.12.58

If Patent, state Patentee

CHAIN CABLES

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable		Rule		Description and Material	Makers of Cable	Where and when tested
	Length	Dia.	Stat.	Bkg.	Supplied	Rule	Length	Dia.			
6563	660	36.5			19641	-	440	36.5	Stud link Spec. steel A/B, Ramnäs	Ramnäs Bruks A/B, Ramnäs	At the Makers' Works 28.11.58.
					52832						
					79146						

Are joining shackles of the lugless type fitted? No.

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test	Rule		Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Length	Circ.		Length	kg					
						Washington Steel Foundries	4847	18.1.20	JM	21.8.58.
						Ditto	4850	18.1.20	JM	21.8.58.
Towline	400	6	103553			Ditto	4849	18.1.12	JM	21.8.58.
Mooring	185	3.3/4	32300	185	29190	Stream				
Ropes	3 x 185	2.1/4	13200	185	7080	11480				

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 235' - 7" ✓ Moulded breadth 41' - 0" ✓ Moulded depth 17' - 0.3/4" ✓

Number and material of decks One steel deck. ✓

Length of Peep 165' - 4" ✓ R.Q.D. - Bridge - Fo'cle - Trunk -

Overall length 256' ✓ Extreme breadth 42' - 1" ✓ Rise of floor 31 1/2" ✓

Is ship of O.S.D. Type? - Is ship of C.S.D. Type? - Is duct keel fitted? -

Is longitudinal framing fitted? (state where) Yes, bottom and sides. ✓

Is strengthening for navigation in ice fitted? (state class) Yes, as per Rules 1957. ✓

Is additional strengthening for heavy cargoes fitted? No. ✓

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? Motorship. ✓

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? No. ✓ and if so state where, together with the flash point where required

to be inserted in the notation: -

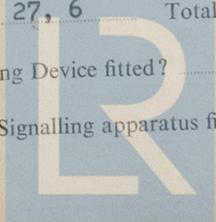
Watertight and/or Oiltight Bulkheads (state number required by Rules) 4 ✓

Bulkheads in ship extending to Upper deck on frame numbers: 102/107 ✓ Total = 1 ✓

Bulkheads in ship extending to deck below upper deck on frame numbers: 91, 69, 59, 54, 36, 27, 6 ✓ Total = 6 ✓

Is E.S.D. fitted? Yes Is Radar fitted? Yes Is Position Fixing Device fitted? No

Is D.F. fitted? Yes Is Gyro Compass fitted? Yes Is Submarine Signalling apparatus fitted? No



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**CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)**

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:— No. 1  $47\text{ m}^3$  O.F. No. 2  $1.3\text{ m}^3$  L.O. No. 3  $10\text{ m}^3$  O.F. No. 4  $11\text{ m}^3$  O.F. No. 5  $21\text{ m}^3$  L.O. No. 6  $3.5\text{ m}^3$   
 please see attached No. 6 on sketch A, B, C, on No. 7 on sketch No. 8 on sketch No. 9 and 9 A D & E on sketch.  
 plan. No. 7 sketch No. 8 sketch No. 9 sketch No. 10 sketch No. 11 sketch No. 12 sketch

Fore peak tank  $52\text{ m}^3$  W.B. ✓ After peak tank  $13\text{ m}^3$  W.B. ✓ Midship deep tank  $179\text{ m}^3$  O.F. (No. 4 & 5 on sketch)  
 Deep tank aft  $46\text{ m}^3$  F.W. (No. 13 on sketch) Deep tank fwd  $97\text{ m}^3$  W.B. (No. 1 & 2 on sketch) Topside tanks -  
 Tanks at sides of tunnel - Tanks in way of tunnel  $174\text{ m}^3$  W.B. (No. 3 on sketch) Deck tanks -  
 Side tanks - Wing tanks  $44\text{ m}^3$  F.W. (No. 11 & 12 on sketch) Other tanks -  
 Wing tanks  $57\text{ m}^3$  O.F. (No. 10 on sketch) Other tanks -

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

**GENERAL REMARKS**

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

Sister ship: "ALDAN", Yard No. 100, Stockholm Report No. 12047.

Approved plans forwarded together with Stockholm Report No. 11907.

As built plans now forwarded:— Midship Section, Longitudinal Section and plans.

Forgings and castings.

- 1) 1 Shaft carrier 17139, Stockholm 2.4.58. ✓
- 2) 1 Shaft carrier 17784, Stockholm 11.8.58. ✓
- 3) 1 Stern 17496, Stockholm 27.5.58. ✓
- 4) 2 Bosses 17501, Stockholm 28.5.58. ✓
- 5) 4 Bosses 17497, Stockholm 27.5.58. ✓
- 6) 2 Bosses 17502, Stockholm 27.5.58. ✓
- 7) 1 Rudder head 24826, Gothenburg 1.9.58. ✓
- 8) 1 Rudder shaft 24789, Gothenburg 26.8.58. ✓
- 9) 1 Tiller 9065, 9020 Copenhagen 13.12.57 & 30.9.57. ✓
- 10) 1 Stem part 17662 A, Stockholm 12.6.58. ✓
- 11) 1 Rudder sole piece 17662 B, Stockholm 12.6.58. ✓

**SPECIAL FEATURES** A mushroom anchor is fitted aft weighing 32.0.12, tested by 10,1,2,0, at LPH.N, 29.11.1958.



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