

Rpt. 1

DISCLOSED
SECTION
443DISCLOSED
SECTION
443

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

| | |
|----------------|-------|
| 1. FROM ACCTS. | 30/10 |
| 2. FROM ADMIN. | 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

Yard No.

101

Depth (D 203 of Rules)

5.20 m.

Builders

A/B Gävle Varv, Gävle

Draught (summer moulded) (D 204 of Rules)

4.08 m.

Deck Factor "F" excluding d_t

-

Owners

U.S.S.R.

" " "F" including d_t

-

Address

-

Gross tonnage

1441

Managers

-

Net tonnage

419

Address

-

Official number

-

Port of Registry

Leningrad

Signal letters

-

Date of last survey in drydock

1.7.1959.

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

Sigtun Sjögren

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.

Part. long. framing at bottom and side shell.

Electrically welded.

Strengthened for navigation in ice.

Signature

H. O. Allén

Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute

FRIDAY 11 DEC 1959

Character Assigned

+100 A1

LACP

Sug

DS 7.59

Strengthened for navigation in ice.

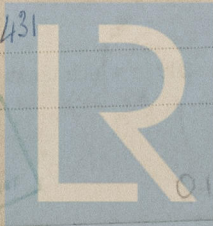
+LWC

ES

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NOTED FOR POSTING 431



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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 | Kohlsua Jernverks A/B. ✓ |
| Sternframe | Cast | Kohlsua Jernverks A/B. ✓ |
| Rudder shaft multiple copies | 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 ½" 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

Certificate

8514

8514

8514

8512

CHAIN

Number

Certifica

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| Certificate No. | Anchor | Weight of Anchor | | | Weight of Stock (if any) | | | Test per Certificate | | | | Rule weight | Description of Anchor | Where and when tested |
|-----------------|-----------|------------------|---|------|-----------------------------|------|----|----------------------|------|--------|--|------------------|-----------------------|-----------------------|
| 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

[illegible]

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 | $\frac{\text{kg}}{\text{sq. in.}}$ | | | | | |
| | 80000 XX metres | 10000 Ins. | 10000 kilogs. | Fathoms or metres | XX XXXX | Bower (1) Washington Steel Foundries | 4847 | 18.1.20 // | JM | 21.8.58. |
| | | | | | | " (2) Ditto | 4850 | 18.1.20 // | JM | 21.8.58. |
| Towline | 400 | 6 | 103553 | | | " (3) 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 ^{B&F} Poop 165' - 4" ✓ R.Q.D. - Bridge - Fo'cle - Trunk -

Overall length..... 256° ✓ Extreme breadth..... 42° - 1" ✓ Rise of floor..... 31½" ✓

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) | 1 |
|---|---|

Bulkheads in ship extending to Upper deck on frame numbers:—

Bulkheads in ship extending to deck below upper deck on frame numbers:— 91, 69, 59, 54, 36, 27, 6 Total = 301

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**

d? 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 m^3 O.F. No. 2 1.3 m^3 L.O. No. 3 10 m^3 O.F. No. 4 11 m^3 O.F. No. 5 21 m^3 L.O. No. 6 3.5 m^3 D & E on sketch.
 please see attached No. 6 on sketch A, B, C, on No. 7 on sketch No. 8 on sketch No. 9 and 9 A on sketch
 plan. No. 7 No. 8 sketch No. 9 No. 10 No. 11 No. 12

Fore peak tank 52 m^3 W.B. ✓ After peak tank 13 m^3 W.B. ✓ Midship deep tank 179 m^3 O.F. (No. 4 & 5 on sketch)
 Deep tank aft 46 m^3 F.W. (No. 13 on sketch) Deep tank fwd 174 m^3 W.B. (No. 1 & 2 on sketch) Topside tanks —
 Tanks at sides of tunnel — Tanks in way of tunnel 44 m^3 F.W. (No. 11 & 12 on sketch) Deck tanks —
 Side tanks — Wing tanks 57 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 $11" \times 9"$. 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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