

Rpt. 1

DISCLOSED

SECTION

Port

Stockholm

No. 12386

DISCLOSED 28 JAN 1960

SECTION

No. 743

When handed in at Local Office

Received London

Date of completing report 26-1-60

Survey held at

Gävle

First Visit

13/10-58

Last Visit

18/11-59

No. of Visits

56

F.E. FROM ACCTS.	4/2
F.E. FROM ADMIN/F	8/2
PLANS P.D.	4/2
CERTS P.D.	4/2
TO RPT. DEPT.	16/2

## FIRST ENTRY SHIP REPORT

ON THE SS/MS

"ARBAN"

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

13.5.1959.

Yard No.

102

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<sub>t</sub>

-

Owners

U.S.S.R.

" " "F" including d<sub>t</sub>

-

Address

-

Gross tonnage

1441

Managers

-

Net tonnage

419

Address

-

Official number

-

Port of Registry

Leningrad

Signal letters

-

Date of last survey in drydock

24.9.1959.

## 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

Sigmund Ingvarson

Builder's Signature

FEES, etc.

Special Survey fee

kr 7.350.-

Travelling expenses

3.315.-

Late attendance fees

Fees applied for

16-12-59

Received

Classification Certificate to be sent to

Skon. office

Date of issue

30 3.60

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. S. Alhanson

Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute

Character Assigned

FRIDAY 11 MAR 1960

+100 A1

Ing

25 9.59

+LMC

ES

DBS

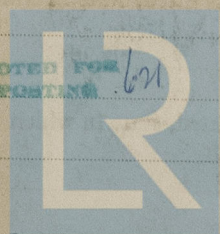
TS OG

11.59

Strengthened for navigation in ice

White Skm.

5m,6,58 T. (MADE AND PRINTED IN ENGLAND)



© 2021

Lloyd's Register  
Foundation

011304-011315-0098/2



STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—  
 Plates:— Domnarfvets Jernverk, Domnarvet. South Durham Steel & Iron Co. Ltd., Stockton-on-Tees.  
 Sections:— Domnarfvets Jernverk, Domnarvet. Dorman Long (Steel) Ltd., Middlesbrough. 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 F9 and F9A (p & s).  
 (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, Smedjebacken. ✓
Shaft brackets	Cast	Kohlsua Jernverks A/B, Kolsva. ✓
Sternframe	Cast	Kohlsua Jernverks A/B, Kolsva. ✓
Rudder shaft	Forged	Björneborgs Jernverks A/B, Björneborg. ✓
Rudder head	Forged	Björneborgs Jernverks A/B, Björneborg. ✓
Quadrant	Cast	Varde Staalvaerk A/S, Varde. ✓
Tiller		

GENERAL PARTICULARS

Steering gear (Type & Maker) 140/13 LCR 4, 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 Deeptanks, 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:—



9

9

Certificate No.	Anchor	Weight of Anchor			Weight of Stock (if any)		Test per Certificate				Rule weight	Description of Anchor	Where and when tested
85390	Bower (1)	31	2	21	✓	-	29	18	3	0	✓	Stockless Halls type 31.3/8	LPH.CH 26.1.1959
85392	" (2)	31	2	14	✓	-	29	16	3	14	✓		Ditto
85391	" (3)	31	2	10	✓	-	29	16	3	14	✓		Ditto
	Coll. wt.												
85401	Stream	7	3	17	2	0	4	10	2	2	0	Ordin. Pattern	LPH.CH 29.1.1959

CHAIN CABLES

[illegible]

Are joining shackles of the lugless type fitted? No.

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.						
	<del>Fathoms</del> or metres	<del>Ins.</del> <del>X 1000</del>		<del>1000</del> kilogs.	<del>Fathoms</del> or metres						<del>Kg.</del> <del>X 1000</del>
						Bower (1)	Washington Steel Foundries	5089	18.0.20 //	IM	6.11.58.
						" (2)	Ditto	4854	18.0.20 //	IM	21.8.58.
Towline	400	6	103553			" (3)	Ditto	4848	18.1.10 //	IM	21.8.58.
Mooring	185 ✓	3 1/4	32300 ✓	185 29190 ✓		Stream					
Ropes	3x185 ✓	24	13200 ✓	3x185 (7080) 11480							
				</							

Moulded length (see Key to Register Book) 235' - 7" ✓ Moulded breadth 41' - 0" ✓ Moulded depth 17' - 0.2" ✓  
Number and material of decks One deck steel ✓

Number and material of decks One deck, steel. ✓

Length of ~~Roop~~ 165' - 4" ✓ R.Q.D. - Bridge

Overall length 256' ✓ Extreme breadth 42' 3" ✓ Fo'cle - Trunk -

Is ship of O.S.D. Type? Rise of floor 31½"

Is longitudinal framing fitted? (state where) Yes, both Is ship of C.S.D. Type? - Is duct keel fitted? -

ies, bottom and sides. ✓

Yes, as per Rules 1957. ✓

additional strengthening for heavy cargoes fitted? No. ☒

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

to be inserted in the notation:—

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

bulkheads in ship extending to Upper deck on frame numbers: 102/105

102/107 ✓

Total = 1 ✓

E.S.D. fitted? Yes Total = 6

Is Radar fitted? **Yes** Is Position Fixing Device fitted? **No**

Is Gyro Compass fitted? Yes Is Submarine Signalling apparatus fitted? No

0098<sup>2</sup>/<sub>3</sub>

2 15



## 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  $35\text{ m}^3$   
 please see No. 6 on sketch. A, B, C on sketch. No. 7 on sketch. No. 8 on sketch. No. 9 & 9A on D & E on sketch.  
 attached plan. No. 7 No. 8 No. 9 No. 10 No. 11 sketch No. 12

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  $174\text{ m}^3$  O.F. " 3 " " Topside tanks —  
 Tanks at sides of tunnel — Tanks in way of tunnel — Deck tanks —  
 Side 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  $11" \times 9"$ . List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

Sister ship, "AGATAN", Yard No. 101, SKM Report No. 12248.

Approved plans forwarded 19.11.59, Please see your letter "Classn. C", 12.11.59.

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

## Forgings and Castings.

- (1) 1 shaft carrier, No. 18380, Skm. 6.12.58. ✓
- (2) 1 shaft carrier, No. 18381, Skm. 6.12.58. ✓
- (3) 1 stem, No. 17496, Skm. 27.5.58. ✓
- (4) 4 bosses, No. 17498, Skm. 27.5.58. ✓
- (5) 1 rudder head, No. 25126, Got. 23.10.58. ✓
- (5) 1 rudder shaft, No. 25126, Got. 23.10.58. ✓
- (6) 1 tiller, No. ~~9828~~ <sup>9028</sup>, 9191, Cpn. 11.2.59. ✓
- (7) 1 ~~stem~~ part, No. 18276, Skm. 11.11.58. ✓
- (8) 1 rudder sole piece, No. 18277, Skm. 11.11.58. ✓

SPECIAL FEATURES A mushroom anchor is fitted aft, weighing 32.1.9, tested by 10.2.3.0., at LPH.N, 28.1.59.



© 2021

Lloyd's Register  
Foundation