

Rpt. 1

Port HELSINKI

No. 8382 H

Date of completing report

When handed in at Local Office

Received London

Survey held at

First Visit

Last Visit

3.11.61

No. of Visits

288

## FIRST ENTRY SHIP REPORT

ON THE MS Leningrad

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

FULL SCANTLING

Is machinery fitted aft?

No

Length (D 201 of Rules)\*

111.919 M

Built at

HELSINKI

Breadth (D 202 of Rules)

24.500 M

Launched

24.10.59

Yard No.

366

Depth (D 203 of Rules)

14.000 M

Builders

WÄRTSILÄ-KONCERNEN A/B

Draught (summer moulded) (D 204 of Rules)

10.500 M

SANDVIKENS SKEPPSDOCKA

Deck Factor "F" excluding d<sub>1</sub>

34.538

Owners

USSR

" " "F" including d<sub>1</sub>

Gross tonnage

9425,02

Managers

Net tonnage

1138,57

Address

Official number

Port of Registry

MURMANSK

Signal letters

Date of last survey in drydock

6.9.61

## 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?

NO MODIFI-

CATIONS

NEITHER ADDITIONS

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.

Builder's Signature

## FEES, etc.

Special Survey fee

Travelling expenses

Late attendance fees

Fees applied for

Received

Classification Certificate to be sent to

Date of issue

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, ELECTRICALLY WELDED,

STRENGTHENED FOR NAVIGATION IN ICE

ICEBREAKER

Signature

A. WEBER Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute

Character Assigned

FRIDAY 16 FEB 1962

+ 100A1 Strengthened for Nav. Ice

DS. 9.61

+ LMC ES

TS(EL)

DBS

11.61



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## STEEL

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

Plates:— COLVILLES LTD, MOTHERWELL, HÜTTENWERK SALZGITTER AG, HÜTTENWERK OBERHAUSEN AG,  
VOROSHILOV METALLURGICAL WORKS.Sections:— KLÖCKNER-GEORGMARIENWERKE AG, HÜTTENWERK OBERHAUSEN AG, OY VUOKSENNISKA AB,  
IMATRAN RAUTATEHDAS, DORMAN LONG LTD, BRITANNIA WORKS, BAIRDS & SCOTTISH STEEL LTD,VICTORIA WORKS, SOUTH DURHAM STEEL & IRON CO LTD, STEEL COMPANY OF SCOTLAND LTD,  
APPLEBY-FRODINGHAM STEEL COMPANY.

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.) OPENHEARTH

Particulars of Special Quality Steel used ALL SHELL PLATING, ALL PLATING OF LOWER DECK, TWO STRAKES AT SIDES  
(Advice notes to be forwarded separately with plan showing disposition of these plates)  
OF TWEEN DECK, AFTER PART OF UPPER DECK, FORE PART OF FORECASTLE DECK, TWO STRAKESAT SIDES OF FORE PART OF 'TWEEN DECK, THE STRAKE AT SIDE OF ALL PLATFORM DECKS, PLATING AND STIFFENERS OF SIDE TRANSVERSE BULKHEADS, FRAMING AND STRINGERS BETWEEN INNER  
BOTTOM AND 'TWEEN DECK, DOUBLE BOTTOM AND PLATING OF INNER BOTTOM AT SIDES.

(SEE FOLLOWING ENCLOSED DRAWINGS: 366.S0.8 C, 366.S0.1 A, 366.S0.2, 366.S0.3.

## ELECTRIC WELDING

Parts of main structural importance electrically welded THROUGHOUT

Parts examined by radiography WELDED BUTTS OF DECKSTRINGER PLATES AND OF SHELL PLATING AS INDICATED

ON THE FOLLOWING ENCLOSED DRAWINGS:

366.S0.8 C, S1.19 A, S0.41 C, S0.42 F, S0.47 D, S0.48 F, S0.52 C, S0.53 F, S0.56 D  
AND 366.S0.57 A.

Were the electrodes used of types approved by the Committee? YES, OK54/K, CK54/P

## FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	STEEL CASTING	DALSBRUKS JÄRNVERK SEE FOLLOWING LIST OF INCLOSED CERTIFICATES
Shaft brackets	" "	" "
Stemframe	" "	" "
Rudder mainpiece or post	" "	" "
Rudder head	" FORGING	BJÖRNEBORG JERNVERK AB
Quadrant	"	"
Tiller	" CASTING	ATLAS-WERKE, BREMEN

## GENERAL PARTICULARS

Steering gear (Type & Maker) 4-RAM ELECTRIC-HYDRAULIC Auxiliary steering gear  
Steering chains (Size & test) ATLAS-WERKE Windlass (Type & Maker) DOUBLE CAPSTAN TYPE, ELECTRIC  
SCHÄFFLE

Ceiling in holds (Material &amp; thickness) Are cargo battens fitted in holds? in 'tween decks?

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— GENERAL IN PEAKS

Particulars of composition (if any):—

Insulated cargo compartments (if any):—

Parts of structure of material other than steel (if any):—

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

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

## EQUIPMENT

Number 4659

Letter E†

18. JAN. 1962

17. X 1961

## ANCHORS

Certificate No.	Anchor	Weight of Anchor KGS	Weight of Stock (if any)	Test per Certificate TONS	Rule weight	Description of Anchor	Where and when tested
S/C 556 ABO	Bower (1)	4548	/	63,97	4155	STOCKLESS HALL	DALSBRUK 25.8.60
S/C 631 ABO	" (2)	4548	/	63,97	4155	" "	" 21.2.61
S/C 632 ABO	" (3)	4581	/	64,40	4155	" "	" 21.2.61
Coll. wt.		13677			12465		
Stream							

## 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 metres	Dia. mm.	Stat. tons	Bkg. tons	Supplied kilogs.	Rule kilogs.	Length metres				
1286 ABO	739.9	2 1/16	11	12.4	73359		550 65	2%	STUD LINK M.S.	DALSBRUKS JÄRNVERK	DALSBRUK 20.1.61
"	"	"	"	"	"	"	"	"	"	"	"
Stream wire or chain											

Are joining shackles of the lugless type fitted? KENTER SHACKLES

## TOWLINE AND MOORING ROPES

## CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test	Rule Length metres	Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Length metres	Circ. mm.							
Towline	1x240 6"	99,34	M 84410	Bower (1)	DALSBRUKS JÄRNVERK	S/C 556 ABO	4548	Å.L.	25.8.60
Mooring	1x220 5"	73,35	220	" (2)	"	S/C 631 ABO	4548	Å.L.	21.2.61
Ropes	2x185 3 1/2"	37,01	4x 23655	" (3)	"	S/C 632 ABO	4581	Å.L.	21.2.61
	4x185 2 3/4"	24,55	200	Stream					
	4x150 3 1/2"	34,23							

## PARTICULARS FOR REGISTER BOOK (feet &amp; inches)

Moulded length (see Key to Register Book) 111.919 M 347'-6" steel  
Moulded breadth 24,50 M Moulded depth 14,00 M  
Number and material of decks 3 STEEL  
Length of Poop - R.Q.D. - Bridge - Fo'cle 39,6 M 136'  
Overall length 122,1 M 400'-8" Extreme breadth 24,58 M 80'-8" Trunk -  
Is ship of O.S.D. Type? NO Is ship of C.S.D. Type? YES Rise of floor 250/12250  
Is longitudinal framing fitted? (state where) NO Is duct keel fitted? NO  
Is strengthening for navigation in ice fitted? (state class) +100A1 STRENGTHENED FOR NAVIGATION IN ICE. ICEBREAKER  
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? -  
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) 6 REQUIRED BY RULES. 10 BULKHEADS FITTED

Bulkheads in ship extending to Upper deck on frame numbers: 2 1/2, 18, 33, 44, 66, 88, 101, 111, 120, 127 Total = 10

Bulkheads in ship extending to deck below upper deck on frame numbers: 4, 18, 33, 44, 66, 88, 101, 111, 120 Total = 9

Is E.S.D. fitted? YES Is Radar fitted? YES, TWO

Is D.F. fitted? YES Is Gyro Compass fitted? YES, TWO

Is Position Fixing Device fitted? NO  
Is Submarine Signalling apparatus fitted? NO

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012705-012710-008334



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

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

*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.)*

- The flash point of the fuel oil used is above 150° F. In the tank No. 4-C-2 (in lower deck space aft) there will be carried fuel for a helicopter.

Approved plans have been sent with my Report No. 7650 for the sistership "Moskva".

366.S0.1A "Midship Section" - not found 6/2

Certificate copies attached as below:

M.S. Stud link chain cable

**This Certi**

"While understood inaccuracy in or for any of the Societies (Cert. B) ...