

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 | Kohlsva Jernverks A/B, Kolsva. ✓ |
| Sternframe | Cast | Kohlsva 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 1/2" battens ✓ Are cargo battens fitted in holds? No ✓ in 'tween decks? —
F.P., Nos. 1 & 2 Deeptanks, Nos. 11, 12 & 13 F.W.,
A.P. cement washed.

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

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:—



28 JAN 1960

EQUIPMENT

Number 15516 ✓

Letter

9 ✓

ANCHORS

| 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 ✓ | 31.3/8 ✓ | Stockless ✓ Halls type | LPH.CH 26.1.1959 Ditto Ditto |
| 85392 | " (2) | 31 2 14 ✓ | - | 29 16 3 14 ✓ | | | |
| 85391 | " (3) | 31 2 10 ✓ | - | 29 16 3 14 ✓ | | | |
| 85401 | Stream | 7 3 17 2 0 4 | 10 2 2 0 | - | Ordin. Pattern | LPH.CH 29.1.1959 | |

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. | | | |
| 524 | 660 | 36.5 | | | 20277 | - | 440 | 36.5 | Stud Link spec. steel | Ramnäs | Makers Works 21.5.59. |
| | | 52530 | | | 78870 | | | | | Bruks A/B. | |

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. | | | | | |
| Towline | 400 | 6 | 103553 | | | Washington Steel Foundries | 5089 | 18.0.20 | IM | 6.11.58. |
| Mooring | 185 | 3/4 | 32300 | 185 | 29190 | Ditto | 4854 | 18.0.20 | IM | 21.8.58. |
| Ropes | 3x185 | 2 1/4 | 13200 | 3x185 | 7080 | Ditto | 4848 | 18.1.10 | IM | 21.8.58. |

PARTICULARS FOR REGISTER BOOK (feet & inches)

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. ✓

Length of ^{B&F} Poop 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: -

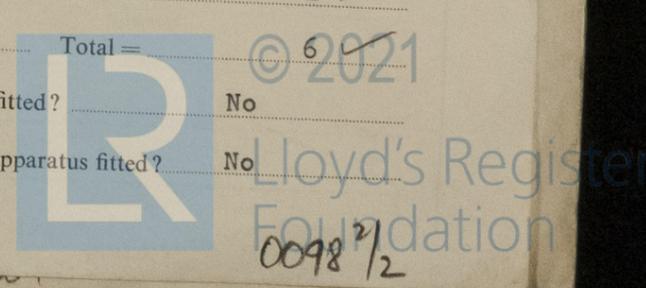
Watertight and/or Oiltight Bulkheads (state number required by Rules) 4 ✓

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



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 35 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 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 O.F. (No. 1 & 2 on sketch) " 3 " " 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" x 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~~⁹⁰²⁸, 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.



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