

Rpt. 1

M/M/14707

Port SUNDERLAND

No. A38 2 MAY 1961

Date of completing report 7. 4. 61.

When handed in at Local Office 12. APR. 1961

Received London

Survey held at SUNDERLAND

First Visit 19. 2. 60.

Last Visit 28. 3. 61.

No. of Visits 144

| | |
|-------------------|------|
| F.E. FROM ACCTS. | 3/5 |
| F.E. FROM ADMIN/F | 9/5 |
| PLANS RECD. | 4/5 |
| CERTS. RECD. | |
| TO RPIS. DEPT. | 17/5 |

FIRST ENTRY SHIP REPORT

ON THE SS/MS "MONTROSE"

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 Open Shelter Decker Is machinery fitted aft? No

Length (D 201 of Rules)* 420' - 7 3/4"
 Breadth (D 202 of Rules) 58' - 6"
 Depth (D 203 of Rules) 35' - 9"
 Draught (summer moulded) (D 204 of Rules) 24' - 3 3/8" (OSD)
 Deck Factor "F" excluding d_t 27' - 4 1/4"
 " " "F" including d_t -
 Gross tonnage 4993
 Net tonnage 2646
 Official number 302620
 Signal letters G H L F

Built at SUNDERLAND
 Launched 23rd September, 1960. Yard No. 386
 Builders BARTRAM & SONS LTD.,
 Owners MONTSHIP LINES LTD.,
 Address -
 Managers BURIES MARKES LTD.,
 Address Plantation House, LONDON, E.C. 3.
 Port of Registry LONDON
 Date of last survey in drydock 25th March, 1961.

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? - no separate "As Built" plans.
 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.

ON AND ON BEHALF OF BARTRAM and SONS LTD.

Builder's Signature

G. Chartram

DIRECTOR

FEES, etc.

Special Survey fee £1,090. 0. 0.
 Loadline Assignment £51. 0. 0.
 Travelling expenses
 Late attendance fees
 Fees applied for 27. APR. 1961 Received
 Classification Certificate to be sent to SUNDERLAND
 Date of issue 30 JUN 1961 Ship - Sld Mch - Nwc.
 Has an Interim Certificate been issued? Yes

This Ship in my opinion is eligible to be classed:— *100A1
 (Special notations where part of class to be stated)
 "Longitudinal Framing at Bottom and Decks"
 "MTs - Vegetable Oil"

Signature

John M. Taylor
 Surveyor(s) to Lloyd's Register of Shipping
 JOHN M. TAYLOR.

Committee's Minute

FRIDAY 23 JUN 1961

Character Assigned

+100A1 "MTs - Vegetable Oil"

SS 3.61

+Lmc

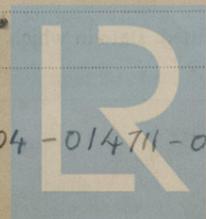
LACP.

3.61 } 2 Aux B1000s
 TS (06)

Wick S/S (m)

Noted for Header

139.



STEEL

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

Plates:— Appleby Frodingham Steel Company, Consett Iron Co. Ltd., Dorman Long(Steel)Ltd.,
South Durham Steel & Iron Co. Ltd.,

Sections:— Appleby Frodingham Steel Company, Dorman Long(Steel)Ltd.,

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"

Particulars of Special Quality Steel used material complying with P.5 of the Rules has been used for the insert
(Advice notes to be forwarded separately with plan showing disposition of these plates)
plates at the corners of Nos. 2 & 3 Upper Deck hatchways, motor room casing and fore end of
No. 4A hatchway, also in way of companionway opening abreast motor room casing port and starboard
and has been manufactured by the Consett Iron Co. Ltd.,

*(Upper dk plates within .46 + in way corners of openings
where exceeding .80")*

ELECTRIC WELDING

Parts of main structural importance electrically welded vessel electrically welded except:— Frames to Shell, Beam
Knees, Gunwale Bar & Part Deckhouses.

Parts examined by radiography Shell & Upper Deck Butts.

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 | | |
| Back Post | Forging | A/S Fredriksstad Mek, Verksted. |
| Shaft Brackets | | |
| Sternframe | Casting | A/S Strommens Verksted. |
| Rudder mainpiece or post | Fabricated by Electric Welding | Wolsingham Steel Co. Ltd., |
| Rudder head | Forging | |
| Quadrant | - | - |
| Tiller | Casting | Wm. Shaw & Co. Ltd., |

GENERAL PARTICULARS

Steering gear (Type & Maker) Electric Hydraulic, 2 Ram Auxiliary steering gear Duplicate Pumps & Motors.
Type by J. Hastie & Co. Ltd.,

Steering chains (Size & test) Telemotor Control. Windlass (Type & Maker) Electric, Thomas B. Thrige, Denmark.

Ceiling in holds (Material & thickness) None Are cargo battens fitted in holds? Yes in 'tween decks? Yes

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— Cement in Peaks for Drainage Purposes.

Particulars of composition (if any):— -
Insulated cargo compartments (if any):— 4 chambers situated in the No. 3 Upper Tween Decks, Port & Starboard.

Parts of structure of material other than steel (if any):— None

If mechanical ventilation is fitted, state in which cargo spaces:— None

If cathodic protection is fitted, state in which tanks:— Deep Tanks Amidships.



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ANCHORS

| Certificate No. | Anchor | Weight of Anchor | | | Weight of Stock (if any) | | | Test per Certificate | | | | Rule weight cwt.s | Description of Anchor | Where and when tested |
|-----------------|-----------|------------------|-----|-----|--------------------------|-----|-----|----------------------|------|-----|-----|-------------------|-----------------------|------------------------|
| | | cwt. | qr. | lb. | tons | qr. | lb. | tons | cwt. | qr. | lb. | | | |
| 87687 | Bower (1) | 69 | 3 | 0 | - | - | - | 53 | 12 | 2 | 0 | 69½ | Britannic (C.S.H.) | CRADLEY HEATH 22.8.60. |
| 87688 | " (2) | 69 | 3 | 7 | - | - | - | 53 | 15 | 0 | 0 | 69½ | -do- | -do- -do- |
| 87689 | " (3) | 69 | 1 | 14 | - | - | - | 53 | 10 | 0 | 0 | 69½ | -do- | -do- -do- |
| | Coll. wt. | 208 | 3 | 21 | | | | | | | | 208½ | | |
| 27376 | Stream | 21 | 3 | 0 | - | - | - | 22 | 3 | 3 | 0 | | Byers Type C.S.H. | B.C. 5. 6. 59. |

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. | | | |
| | | | | | Fms. | Ins. | Tons | Fms. | Ins. | Tons | | | | | |
| 6930 | 15½ | 2 1/16 | 107.1 | 19.9 | 32 | 1 | 0 | | | | | | | | B.C. 28. 3. 60. |
| 6931 | 15½ | 2 1/16 | 107.1 | 19.9 | 32 | 2 | 14 | | | | | | | | -do- -do- |
| 6944 | 15½ | 2 1/16 | 107.1 | 19.9 | 32 | 2 | 18 | Supplied | | | | | | | -do- 4. 4. 60. |
| 6976 | 15½ | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 6 | 667 | 3 | 23 | | | | | -do- 29. 4. 60. |
| 6977 | 15½ | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 6 | | | | 300 | 2 1/16 | Stud Link Special Steel Cable | Beal & Son (Cablemakers) Ltd., | -do- 29. 4. 60. |
| 6978 | 15½ | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 13 | | | | | | | | -do- 29. 4. 60. |
| 6979 | 15½ | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 13 | | | | | | | | -do- 29. 4. 60. |
| 6980 | 15½ | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 10 | | | | | | | | -do- 29. 4. 60. |
| 6981 | 15 | 2 1/16 | 107.1 | 19.9 | 33 | 0 | 2 | | | | | | | | -do- 29. 4. 60. |
| 7020 | 16 1/2 | 2 1/8 | 107.1 | 19.9 | 37 1/2 | 3 | 25 | | | | | | | | -do- 14. 6. 60. |
| Stream wire chain 7463 | 118 2/3 | 1 1/8 | 35.5 | 53.2 | 91 | 3 | 24 | | | | | | Stud Link Special Steel Cable | Beal & Son (Cablemakers) Ltd., | -do- 24. 3. 61. |

Are joining shackles of the lugless type fitted? Yes

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.) cwt. qr. lb. | Surveyors' Initials | Date of Test | |
|---------|----------|--------------|---------------|--------|-------|--|--------------------|---|---------------------|--------------|------------|
| | Length | Circ. | | Length | Circ. | | | | | | |
| Towline | 120 | 5 | 68.9 | 120 | 5 | Bower (1) The Washington Steel Foundries Ltd., | 5504 | 42. 2. 26 | J.M. | 23. 4. 59. | |
| | | | | " (2) | | | -do- | 6643 | 42. 2. 26 | J.M. | 5. 5. 60. |
| | | | | " (3) | | | -do- | 6492 | 42. 2. 18 | J.M. | 17. 3. 60. |
| Mooring | 4 @ 110 | 3 1/2 (6x12) | 21.1 | 100 | 3 1/4 | Stream Beal & Son Ltd., | 7417 | 13. 3. 0 | F.W.D. | 4. 6. 59. | |
| Ropes | | | | | | | | | | | |

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 420'-7 3/4" Moulded breadth 58'-6" Moulded depth 35'-9"

Number and material of decks Two, Steel, 3rd Deck of steel in way of Nos. 1, 2 & 3 Holds.

Length of Poop - R.Q.D. - Bridge - Fo'cle 39'-3 1/8" Trunk -

Overall length 440'-0" Extreme breadth 58'-7 5/8" Rise of floor 3"

Is ship of O.S.D. Type? Yes OSD/CSD Is ship of C.S.D. Type? T.O. "Open" Is duct keel fitted? No

Is longitudinal framing fitted? (state where) Yes, at Bottom & Decks.

Is strengthening for navigation in ice fitted? (state class) No

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? Yes and if so state where, together with the flash point where required to be inserted in the notation:— Vegetable oil may be carried in deep tanks amidships.

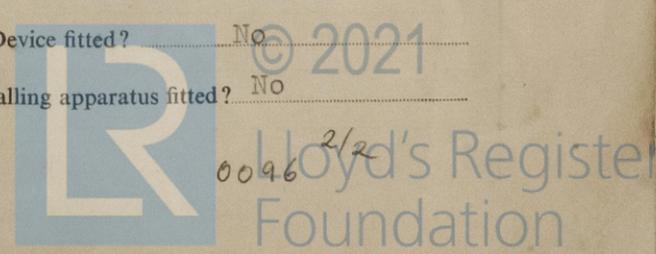
Watertight and/or Oiltight Bulkheads (state number required by Rules) 7

Bulkheads in ship extending to Upper deck on frame numbers:— 164, 135, 103, 70/71, 48/50 & 10. Total = 6

Bulkheads in ship extending to deck below upper deck on frame numbers:— 37 Total = 1

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. 1 186 / | No. 2 168 P & S Total 336 / | No. 3 98 P & S Total 196 / | No. 4 117 P & S Total 234 / | No. 5 O.F. / | No. 6 F.W. / |
| | No. 7 53 P & S Total 106 / | No. 8 F.W. / | No. 9 - | No. 10 - | No. 11 - | No. 12 - |
| Fore peak tank | 44 / | After peak tank | 111 / | Midship deep tank | P. 253 } Cr. 486 } S. 253 } | 992 |
| Deep tank aft | - | Deep tank fwd. | - | Topside tanks | - | - |
| Tanks at sides of tunnel | - | Tanks in way of tunnel | - | Deck tanks | - | - |
| Side tanks | OPB - | Wing tanks | - | Other tanks | Iron dk Tanks aft FW. | |

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.)

FLANS as per attached list.

CERTIFICATES

| | | | | | |
|--------------------------------|-----------|---------------|-----|-----|-----|
| Sternframe | St. 3875. | OSLO | 6. | 10. | 58. |
| Backpost | St. 3814. | OSLO | 3. | 7. | 58. |
| Rudder & Rudderhead | 2233 | SUNDERLAND | 21. | 7. | 60. |
| Tiller | S. 200. | MIDDLESBROUGH | 16. | 8. | 60. |
| Götaverken Steel Hatch Covers. | 29192. | GOTHENBURG | 20. | 1. | 61. |
| Derrick Posts. | C. 12005. | MIDDLESBROUGH | 24. | 1. | 61. |
| Steering Gear. | C. 8030. | GREENOCK | 13. | 2. | 61. |

Drawings for OSD & CSD conditions
 Drawings for OSD condition only.

SPECIAL FEATURES



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