

WRECK
SECTION

STEEL STEAMER OR MOTORSHIP.

Received at London Office

WRECK
SECTION

State if Report has been sent on the Freeboard of the Vessel. No.

State if Report is sent on the Machinery of the Vessel. 445.

No. 54951.

Date of completion of report

Port of HULL

Survey held at Brimley & Co. Hull Date First Survey 26th June 1942 Last Survey 8th March 1943On the (State if Machinery fitted with or without Tonnage Openings) Steel Single Screw A/S Trawler "LANCER"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full ScantlingState Type of Erections 2 wing Quarter Decks & WharvesTONNAGE under Tonnage Deck ... 498.62CLASS 100A1.
STEAM TRAWLER

State if with freeboard as condition of Class

No.

Built at BrimleyLaunched 26th October 1942 Yard No. 204Builders Cook Wotton & Son LtdOwners The AdmiraltyManagers ✓
(Where necessary to be entered in Reg. Book)Residence LONDONPort of Registry ✓

If surveyed while building, afloat, or in dry dock

Building afloatDo. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total 498.62Gross Tonnage 579.79Register Tonnage 181.53

REGISTERED DIMENSIONS.

FEET

Length 178.15Breadth 30.05Depth 15.20Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 175Breadth (greatest moulded) 30Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 161st Longitudinal Number (L x D) 28002nd Numeral L x (B + D) 8050Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓Do. Long Bridge to top of keel ✓Draught Moulded ✓

FRAMES, DOUBLE BOTTOM AND BEAMS.

FRAMES, Spacing amidships

INCHES IN SHIP.

Any Departure from Approved Plans to be Noted.

" " from 1/2 length amidships to Collision bulkhead 17" " in peaks 20

SIDE FRAMING.

Frame Amidships, Angle, E or F

5 1/2 3 .38

Extends up to DECKReversed Frame Amidships, Angle 3 3 .38Extends up to across floorDepth of Framing Girder 5 1/2Frames in Uppermost Continuous 'tween Decks, Angle, E or F" " Second 'tween Decks, Angle, E or F

" " Third " " " "

" " from 1/2 len. for'd. to 15% len. from Stem ✓" " in Peaks, Angle, E or F

5 1/2 3 .38

Diameter and Spacing of Rivets through Frame and Shell Plating amidships 3/4 - 5/8State if Frame Joggled NoAre the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? YESAre the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? YES

SINGLE BOTTOM.

Floors, Depth and thickness at mid-line in Holds 19 x 140Height of Brackets at side above base line at toe of frame NONEMiddle Line Keelson, on Floors, Angle, E or F

15 x 4 x 36 47 LBS

" " " Through Plate or Inter-costal Plate ✓" " " Foundation Plate on Floors ✓" " " Flat Plate Keel Angles ✓Side Keelsons, No. each side ONE

5 4 .50

" " thickness of Inter-costal Plate 1/4 B. SPACE" " Angles ✓

DOUBLE BOTTOM.

Solid Floors, thickness and spacing ✓" " Are Frame and Reversed Frame joggled? ✓Bracket Floors, breadth and thickness at middle line ✓" " breadth and thickness at margin plate ✓

Bracket Floors, Frame

" " Reversed Frame

" " Vertical Struts

Centre Girder, depth and thickness amidships

" " top Angles

" " bottom Angles

Side Girders, No. each side and thickness

Margin Plate depth (excl. of flange) and thickness

" " Vertical Angle to Tank side

" " Bracket abaft 1/4 len. from stem

" " Vertical Angle to Tank side

" " Bracket from forward 1/4 len. from stem to Panting Area

" " Gussets, spacing and scantling abaft 1/4 len. from stem

" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area

Tank Side Brackets, height above base line at toe of Frame and thickness

INNER BOTTOM PLATING.

Breadth and thickness of Middle Line Strake

Thickness of remainder in Holds

Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? ✓

BEAMS.

Uppermost Continuous Deck, amidships in

Wells, Angle, E or F

6 3 .38

" " in way of Bridge, Angle, E or F

- - -

Spacing EVERY FRAMESecond Deck, amidships, Angle, E or F

ON FRS 51-2-3-4

6 3 .38

7 3 .40 A.A.

Spacing EVERY FRAMELOWER FORWARD Third Deck, amidships, Angle, E or F

5 3 x 34 FRS 61-70 409-98

5 3 x 36 " 80-86

EVERY FRAME EXCEPT 89-98 ALTERNATE FRAMES

Spacing ✓LOWER AFT Fourth Deck, amidships, Angle, E or F

5 3 .30

Spacing EVERY FRAMEPoop Deck, Angle, E or FSpacing ✓Bridge Deck, Angle, E or FSpacing ✓WHOLE BACK Forecastle Deck, Angle, E or F

5 3 .40

Spacing 30

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

| SCANTLINGS. | | | | | RIVETING. | | | | | | | | |
|---|---------------|------------|------------|------------|--|-------------------|-----|-------------------|-------------------------------------|------------------------|---------|--------------------|---------------------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | BUTTS. | | | | | |
| | AMIDSHIPS. | | FORWARD. | AFR. | | State if beveled? | YES | SINGLE OR DOUBLE. | RIVETS. Diam. Spacing cr. to cr. | No. of ROWS OF RIVETS. | RIVETS. | | STRAPPED OR LAPPED. |
| | Breadth. | Thickness. | Thickness. | Thickness. | | | | | | | Diam. | Spacing cr. to cr. | |
| | Inches. | Inches. | Inches. | Inches. | | | | | | | Inches. | Inches. | |
| GARBOARD | | | | | | | | | | | | | |
| Flat Plate Keel | 36 | .52 | .46 | .46 | | DOUBLE | 3/4 | 3 | 3 Rows for 1/2 L To 2 Rows | 3/4 | 2 5/8 | STRAPPED | |
| " Bilge of any A | 60 | .44 | .40 | .40 | | " | " | " | 2 Rows | " | " | LAPPED | |
| Bottom Plating, No. of Strakes | 56 | .44 | .40 | .40 | | " | " | " | " | " | " | " | |
| Bilge Plating, No. of Strakes | 56 | .44 | .40 | .40 | | " | " | " | " | " | " | " | |
| Side Plating, No. of Strakes | 63 | .44 | .40 | .40 | | " | " | " | 3 Rows for 1/2 L To 2 Rows | " | " | " | |
| Upper Deck, Sheer-strake in Wells | 57 | .44 | .40 | .40 | | " | " | " | " | " | " | " | |
| Upper Deck, Sheer-strake in Bridge | 48 | .625 | .50 | .50 | 54 AGAINST GALLONS | " | 7/8 | 3 1/2 | " | 7/8 | 3 3/8 | STRAPPED | |
| Strake below Sheer-strake in Wells | - | - | - | - | | | | | | | | | |
| Strake below Sheer-strake in Bridge | - | - | - | - | | | | | | | | | |
| Poop Side Plating | - | - | - | - | | | | | | | | | |
| Bridge Side Plating | - | - | - | - | | | | | | | | | |
| WHOLESALE | | | | | | | | | | | | | |
| Bottom Side Plating | ✓ | ✓ | .30 | ✓ | | | | | | | | | |

WATERTIGHT BULKHEADS.

| | | | | | |
|--|------------------------------|---|-----------------------|-----------------|----------------------|
| Total No. of W.T. BULKHEADS in Vessel— | | 8 | | | |
| Extending to Upper Deck (Sec. 3 c) | | 11 | | | |
| " Deck next below | | 11 | | | |
| As per Rule | | 3 | | | |
| See approved plan re. thickness of floor plates i.e. the bottom tracks of the bulkheads. | STIFFENERS. | | | | |
| | Plating Thickness. | VERTICAL. | | HORIZONTAL. | |
| | | Scantlings. | Spacing. | Scantlings. | Spacing. |
| | FR 55' | 30' | 71/2 X 3/4 BA | 30' | 24" |
| | SHIP BULK'D, Upper two decks | 30' | 6 X 3 X 3/4 A | 24" | TO LOWER DECK |
| | FR 79' | 30' | 4 X 3 X 3/4 B | 24" | TO LOWER DECK |
| | Second FR 79' | " | 6 X 3 X 1/2 A | 22 1/2 - 31 1/2 | TO LOWER DECK |
| | " 68' | " | " | 22 1/2 - 30" | " |
| | " 83' | " | 6 X 3 X 3/4 A | 24" | " |
| | " 87' | " | " | " | " |
| COLLISION | (in Hold) | 100' | 30 - 1/40 4 X 3 X 3/4 | 24" | " |
| AFTER PEAK | " | " | 38' 5 X 3 X 3/4 | 30' | KEEL TO WT FLAT |
| | " | " | 26' 3 X 3 X 3/4 | 30' | WT FLAT TO MAIN DECK |
| | " | " | 30' 3 X 3 X 3/4 | 24" | " |
| Manufacturer's Name or Trade Mark of Steel used in the construction of the Vessel (state process of manufacture) | | OPEN HEARTH | | | |
| PLATES:— | | Appleby-Rodriguez, Ottawa, Long and Bonnell | | | |
| SECTIONS:— | | Shirringlow | | | |
| Has the Steel been tested as required by the Rules? | | Y/2 | | | |

| | | | |
|---|------------------------------|---------------|--|
| Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
| KEEL, Bar | FLAT BAR | ROLED | 8" X 2" APPLEBY, FROD. |
| STEM | " | 8" X 2" " | " |
| STERN FRAME | Propeller Post | FORGING | 8" X 4" FORSTER |
| | Rudder | " | 7" X 4" " |
| Speed of Vessel | 12-14 KNOTS | | |
| RUDDER—Type | Box | FORGING | FORSTER |
| " A x D | 7 1/2 X 40 | | |
| " Diam. of head | 7 1/2 dia | | |
| " Mainpiece at top pintle | 7 3/4 " | | |
| " " heel | 5 3/4 " | | |
| " how constructed | 3 ARMS SHUNK & KEIED up plan | | |
| " double coupling, vertical or horizontal | plate 3/4 HORIZONTAL | | |

EQUIPMENT No. _____ LETTER *Rule X* _____ ANCHORS.

| Number of Certificate. | Anchors. | WRIGHT, EX. STOCK. | | | WRIGHT OF STOCK. | | | TEST PER CERTIFICATE. | | | WEIGHT REQUIRED BY TABLE 53. | | Description of Anchor. | Makers. | Where and when tested, and Superintendent. |
|------------------------|-------------------|--------------------|------|------|------------------|------|------|-----------------------|-------|------|------------------------------|--|------------------------|-----------------------|--|
| | | Cwts. | qrs. | lbs. | Cyts. | qrs. | lbs. | Tons. | cwts. | qrs. | lbs. | Cwts. | | | |
| 42385 | 1st Bower | 13 | 0 | 7 | STOCKED | 14 | 17 | 0 | 21 | ✓ | | BYERLY IMPROVED (C.S. HESS) | ✓ | SLO 17 1/2 R.T. VOGAN | |
| 43030 | 2nd " | 13 | 0 | 0 | " | " | 14 | 15 | 0 | 0 | ✓ | " | ✓ | " 26 1/2 " | |
| | 3rd " | | | | | | | | | | | | | | |
| | Collective weight | 26 | 0 | 7 | | | | | | | 25 as above | | | | |
| 1928A | MIDGE | 14 | 0 | 7 | ✓ | 3 | 0 | 6 | 10 | 0 | 0 | 4 1/2 S. L. Stock Admiralty Pattern Bowditch's Admiralty Pattern | | | |

| CHAIN CABLES. | | | | | | | | | | | | | | HAWSEYS AND WARPS. | | | | | |
|---------------------------------|---------------------------|-------|-----------------------|-------------|------------------------|------|-----------|---------|-------------------------------|-------|------------------------|-----------------------------|--|--------------------|---------------------------|--|--|-------------------------------|-------|
| Number of Certificate. | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE. | | | | Length and Size per Table 63. | | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material. | Length and Size supplied. | | Breaking Test of Steel Wire. | Length and Size per Table 53. | |
| | Length. | Diam. | Stations. | Break- ing. | Supplied. | | Per Rule. | Length. | Diam. | | | | | | | | | | |
| | | | | | Tons. | Lbs. | | | | Cwts. | | | | | qrs. | lbs. | | Fathoms. | Inch. |
| 2145 | 180 | 7/16 | 631 | 462 | 65 | 2 | 17 | | | | STUD N. HINGLEY & SONS | NETHERTON 1 1/2 x 1/2 TAPER | | 30 | 6 | Annals filed in S.W.K. Edition. Bowditch | | | |
| 2158 | 7 1/2 | 7/16 | " | " | " | " | 14-0-6 | | | | " | " | 3 1/2 x 1/2 " | HAWSEYS & WARPS | 150 | 2 1/2 | Admiralty Pattern | | |
| | | | | | | | | | | | on plan 150 1/6 | | | | 120 | 2 1/2 | Morning Rope all supplied by Admiralty | | |
| Iron Stream Chain or Steel Wire | | | | | | | | | | | | | | | 120 | 1 1/2 | by Admiralty | | |
| | | | | | | | | | | | | | | | 120 | 1 | Coir | | |

Steering Gear, Type (Power ^{Steam or hand} *Hydraulic by Borchini & Co.*) Alternative Means of Steering *Hand*

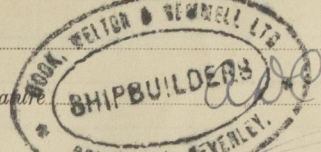
Steering Chains (Size and Test) *None* Windlass *Steam by Hammell & Shaw* Boats *2 - 16' Dinghies*

Ceiling in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *None*

Cargo Hatchways.—(Upper Deck) *None* Thickness of Hatches *✓*

Size of Hatchways No. 1 (Fwd.) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams } *✓*
and/or Fore and Afters }

Builder's Signature *W. Campbell*
 11/3/43

GENERAL DECLARATION. *It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel.*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo..... no. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The vessel has been built in accordance with the approved plans and specification.

The materials and workmanship are good.
The after peak and side tanks aft, fresh water and reserve feed tanks, tested in accordance with the Rules.

Bottom flooded from frames 100 to 81, 79 to 68, and 55 to 8
and all outside plating clear of tanks water tested by a hose.
The decks, casings, skylights, escape hatches, W.T. doors,
windlass, steering gear and arrangements tested.
All found satisfactory.

FORGINGS AND CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
|----------------------------------|---------------------|-------------|---------------|--|
| KEEL, Bar | FLAT BAR | ROLLED | 8" X 2" | ADAPLEY, FROD. |
| STEM | | | 8" X 2" | |
| STERN FRAME | Propeller Post | FORGING | 8" X 4" | FORSTER |
| | Rudder | | 7" X 4" | |
| Speed of Vessel | | | 12-14 | KNOTS |
| RUDDER—Type | BOW | FORGING | | FORSTER |
| " A X D | | | 15-40 | |
| " Diam. of head | | | 7 1/2" | dia |
| " Mainpiece at top pintle | | | 7 3/4" | " |
| " " heel | | | 5 3/4" | " |
| " how constructed | | 3 ARMS | | SHRUNK & KEYS in place |
| " double single plate | | | .34 | |
| " coupling, vertical or | | | | |
| " horizontal | | | | HORIZONTAL |

The amount of Entry Fee £ : : } Fees applied for, 1943
For Classification and Survey in
Special Survey Fee 178 - - }
 Travelling Expenses, if any £ : : } Received by me, 1943

I am of opinion the Vessel should be Classed 100A.1
STEAM TRAWLER
FOR GOVERNMENT SERVICE

State whether the Vessel has been built under Special Survey Yz

This Certificate is to be sent to Hull Date of issue 13/4/43

Signature L. J. Palmer
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

Steam Trawler

For Government Service

Lycopodium obscurum, L., E. 12.

Marked ~~and~~

Lloyd's Register
Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The approved plans are being retained for reference in dealing with sister vessels, copies of these are in the Wolverhampton Office
An Echo sounding device has been fitted
Sounding reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at sides of vessel and at ends.
Approved electrodes employed on this work.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

* 100A.1 Steam Trawler "For Government Service"

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 8-1-14 : G.G.Y. 3914 : 15/11/41 :
2nd " 8-0-0 : A.E.G. : 7631 : 30/11/42.
3rd " 34'

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 92.25 ft., Bridge ☒ ft., Forecastle 36.16 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. ☒ Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length 193'.0
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE DECK (STL)

Parts of Bottom of Vessel coated with cement or approved composition in Bunkers, E+B spaces, I+A peaks and chain Locker and Bituminous Solution above cement. Bitumous Enamel in F.W. tanks

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

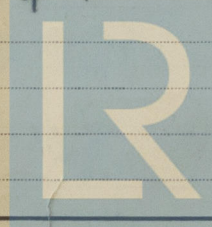
| Where Fitted. | Length. Feet. | Water Capacity. Tons. | Where Fitted. | Length. Feet. | Water Capacity. Tons. |
|---|------------------|--------------------------|---|------------------|--------------------------|
| Double bottom, aft, | | | Fore peak tank, | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | 11.66 | 7 |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | | | Other tanks, if fitted, | | |
| Total length (if continuous) and Capacity | | | (If necessary furnish further information by sketch.) | | |

Order for Special Survey No. 3315

Date 1/4/42.

Dates of Surveys held while building

1942. June 26, 30. July 3, 7, 10, 16, 24, 30. Aug. 11, 20. Sept 1, 30. Oct 2, 8, 13, 15, 20, 27.
1943. Feb. 11, 22, 23, 24, 25. Mar. 8



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