

STEEL STEAMER ~~MOTORSHIP~~

13 APR 1942

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 31st March 1942Port of HullNo. 51570Survey held at Selly and HullDate First Survey 24th April 1941Last Survey 28th March 1942On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Screw Steam Yag "ADHERENT"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full ScantlingState Type of Erections ForecastleTONNAGE under Tonnage Deck ... 1444.26CLASS * 100 A-1.State if with freeboard as condition of Class No.Built at SellyLaunched 24th September 1941 Yard No. 1238Builders Messrs Bochane & Sons LtdOwners The AdmiraltyManagers ✓
(Where necessary to be entered in Reg. Book)Residence LondonPort of Registry ✓If surveyed while building, afloat, or in dry dock and during constructionDo. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total 1444.26Gross Tonnage 601.40Register Tonnage 3.21

REGISTERED DIMENSIONS.

FEET

Length 146.75Breadth 33.2Depth 15.2Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 142.5Breadth (greatest moulded) 33.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 16.01st Longitudinal Number (L x D) 22802nd Numeral L x (B + D) 6982.6Framing Depth "d," at middle of length. See Sec. 3 (1d) 16.0Proportions—Depth to Length—Uppermost continuous deck to top of keel 8.9Do. Long Bridge to top of keel ✓Draught Moulded 14'2"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	22	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	22	✓	" " Reversed Frame		
" " in peaks	22	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle <u>E or F</u>	5 1/2 3 -34	✓	" " top Angles		
" " in Boiler Room	5 1/2 3 -40	✓	" " bottom Angles		
" " Extends up to <u>Upper deck</u>		✓	Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle <u>in Br. Room</u>	3 3 -45	✓	Margin Plate depth (excl. of flange) and thickness		
" " " <u>Eng. Room</u>	3 1/2 3 1/2 -50	✓	" " Vertical Angle to Tank side		
" " Extends up to <u>across from</u>		✓	" " Bracket abaft 1/4 len. from stem		
Depth of Framing Girder	5 1/2	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>E or F</u>	5 1/2 3 -34	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	6 3 -32	✓
Floors, Depth and thickness at mid-line in Hold <u>in Boiler Room</u>	18 x -45	✓	" " <u>in way of Bridge, Angle</u>	5 1/2 3 -32	✓
Height of Base line at toe of frame <u>At ends</u>	22 x -35	✓	Spacing	22 + 21	✓
Middle Line Keelson, on Floors, Angle <u>E or F</u>	2 1/4 x 4 x 36 43 lbs	✓	Second Deck, amidships, Angle, [or]		
" " Through Plate or Inter-costal Plate	✓		Spacing		
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	✓		Spacing		
Side Keelsons, No. each side	two	✓	Fourth Deck, amidships, Angle, [or]		
" " thickness of Inter-costal Plate	✓		Spacing		
" " Angle <u>in Boiler room only</u>	6 4 -56	✓	Poop Deck, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Boat		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <u>E or F</u>	4 3 -30	✓
Bracket Floors, breadth and thickness at middle line			Spacing	4 1/4	✓
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <u>E or F</u>	6 3 -34	✓
			Spacing	5 1/2 3 -30	✓

PILLARS AND DECKS.
PILLARS, No. of Rows
in 'tween Decks, Size and Spacing
in Holds
Centre Line Bulkhead.
Stiffeners and Spacing
Plating, thickness of
STRINGERS AND DECKS.
Uppermost Continuous Deck.
Stringer Plate, breadth and thickness
in way of Bridge
Angle
Thickness of Plating abreast Deck openings
Thickness of Plating abreast Deck openings
in way of Bridge
Thickness of Plating within line of openings
If Sheathed, material and thickness
Second Deck.
Stringer Plate, breadth and thickness in Wells

SHELL PLATING.
SCANTLINGS.
STRAKES.
AS IN VESSEL.
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
RIVETING.
EDGES.
BUTTS.
GARBOARD
Flat Plate Keel
Dblg. (if any)
Bottom Plating, No. of Strakes
Bilge Plating, No. of Strakes
Side Plating, No. of Strakes
Upper Deck, Sheer-strake in Wells
Upper Deck, Sheer-strake in Bridge
Strake below Sheer-strake in Wells
Strake below Sheer-strake in Bridge
Poop Side Plating
Bridge Side Plating
Forecastle Side Plating

WATERTIGHT BULKHEADS.
Total No. of W.T. BULKHEADS in Vessel
Extending to Upper Deck (Sec. 3 c)
Deck next below
As per Rule
STIFFENERS.
VERTICAL.
HORIZONTAL.
O.T.
ON FRAME No. 29
MIDSHIP BULKHEAD
Second
Third
Holds
COLLISION
(in Hold)
AFTER PEAK
MANUFACTURER'S NAME OR TRADE MARK OF THE STEEL USED IN THE CONSTRUCTION OF THE VESSEL (state process of manufacture)
PLATES:- CONSETT IRON CO. LTD. DORMAN, LONG & CO. LD. APPLEBY-FRODINGHAM STEEL CO. LTD.
SECTIONS:- APPLEBY-FRODINGHAM STEEL CO. LD. SKINNINGROVE IRON CO. LD. CONSETT IRON CO. LD. & DORMAN, LONG & CO. LD.
Has the Steel been tested as required by the Rules?

EQUIPMENT No. 6482-5
LETTER
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 Test of Anchor.
54514 1st Bower
54513 2nd
3rd
Collective weight
Stream

CHAIN CABLES.
Number of Certificate
Length and size supplied.
Test per Certificate.
WEIGHT OF CHAIN CABLE.
Length and size per Table 53.
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.
64469 150 5/16 1 3/4 25 3/8 109-1-0 108 1/2 150 1 3/4 Stud B. Hingray
Hulk & Sons. 31.12.41. J.C. Paul

STEERING GEAR, TYPE (Power or hand)
STEERING CHAINS (Size and Test)
CEILING IN HOLDS, thickness and material
CARGO/HATCHWAYS (Upper Deck)
Size of Hatchways
Number of Shifting Beams and/or Fore and Afters
Alternative Means of Steering
Windlass
Cargo Battens, thickness, material and spacing
Thickness of Hatches
FOR COCHRANE & SONS, LTD.
V. Gray DIRECTOR

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
This vessel has been built in accordance with the approved plans, the Secretary's letters and in conformity with the Rules for the class contemplated.
The materials and workmanship are good.
Leak tanks, water ballast tank forward, fresh water & feed water tanks, and oil fuel tanks have been tested to rule requirements and found satisfactory.
Flash point of oil fuel 150°F.
A freeboard has been assigned, the marks cut in on the vessel's sides and verified.
Decks, casings, steering gear arrangements and windlass have been tested and found satisfactory.
Oil fuel tanks are situated between the engine & boiler spaces, and immediately forward of the boiler room bulkhead.
The supervision of the specification has been carried out.

The amount of Entry Fee
Special Survey Fee
Fees applied for
Received by me
I am of opinion the Vessel should be Classed
FOR TOWING SERVICES
Signature
Date of issue
Committee's Minute
Character assigned
Lloyd's Register of Shipping
W322-0146 (2/2)

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 under construction.

The following reports are enclosed herewith:-

Helm frame.	Std Rpt. No 5037.
1 Rudder head + rudder frame	" " " 5639.
1 Tiller	" " " 1396

This vessel is a sister-ship to Messrs Lochrane Harb Yard No 1237 - Hull Rpt. No 51541.

Copy of certificate covering requirements of the specification attached herewith.

PARTICULARS OF ELECTRIC WELDING (*if employed*)

W.T. flat forward welded to ship's sides.
Approved electrodes used in this work.

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

✠ 100 A.1

"FOR TOWING SERVICES".

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	8-2-27 (INCL. PINS).	A.E.G.	5538.	17-1-40.
	2nd "	8-1-8	A.E.G.	5540.	17-1-40
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ ft., R.Q.D. ✓ ft., Bridge. ✓ ft., Forecastle. 27.66 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 34.87 ft Over-all Length 156.00 ft
(Circ. 1611) (Circ. 1703)

No. and Material of Decks..... 1 DK (STL).

Parts of Bottom of Vessel coated with cement or approved composition. Bitumastic clear of oil fuel tanks
Fresh water tank coated with Bitum.

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,	11.5	22
Double bottom, under Engines and Boilers,			After peak tank,	11.0	39
Double bottom, if under Engines only,			Deep tank, aft, WATER BALLAST TANK	7.33	20
Double bottom, if under Boilers only,			FRESH WATER TANK	9.16	36
Double bottom, forward,			Deep tank, forward, FEED WATER TANK	3.66	18
Total length (if continuous) and Capacity			Other tanks, if fitted, BOILER FEED TANK AFT PORT } 12.83		6
			(If necessary furnish further information by sketch.) STBD } 16.5		10.

Order for Special Survey No. **3265**

Date 2nd April 1941

Dates of Surveys
held while building

1941:- April 24. May 9. 14. 21. 23. 27. 30. June 9. 10. July 1. 4. 8. 11. 16. 22. 25. 29.
Aug. 5. 7. 8. 13. 28. Sept. 3. 5. 16. 19. 20. 24. 26. 30. Oct. 3. 6. 10. 14. 17. 20. 24.
Oct. 28. 31. Nov. 5. 6. 11. 14. 18. 21. 26. 28. Dec. 2. 5. 15. 17. 18. 19. 24. 29.

1942:- Jan. 2. 5. 8. 9. 12. 14. 15. 16. 19. 21. 22. 28. 29. 31. Feb. 3. 7. 9. 11. 17. 19. 25. 26. 28.
March. 2. 5. 6. 7. 9. 10. 12. 14. 17. 19. 20. 21. 23. 24. 26. 28

Total No. of Visits 96.

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