

STEEL STEAMER ~~OR~~ MOTORSHIP.Received at London Office 22 JUN 1926State if Report has been sent on the Freeboard of the Vessel YES.State if Report is sent on the Machinery of the Vessel YES.Date of completion of report 25th May, 1926Port of GREENOCKNo. 18554.Survey held at PORT - GLASGOW.Date First Survey 5th May, 1926.Last Survey 22nd May, 1926

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW STEAMER "ULMUS"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

FULL SCANTLING.State Type of Erections POOP, BRIDGE & FOULTONNAGE under Tonnage Deck... 2539.44CLASS X100A1State if with freeboard as condition of Class No.Built at PORT - GLASGOW.Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 312.0Launched 5th MARCH 1926. Yard No. 351Total 2539.44Breadth (greatest moulded) B 46.92Builders DUNLOP BRENNER & Co LTDGross Tonnage 2697.47Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 23.89Owners ARBOR SHIPPING COMPANY LTDRegister Tonnage 1672.101st Longitudinal Number (L x D) = 7299.55Managers MUTUAL SHIPPING INTERESTS LTD
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) = 21938.59Residence 4 ST MARY AVE LONDON.

REGISTERED DIMENSIONS.

FEET.

Length 314.1Framing Depth "d," at middle of length. See Sec. 3 (1d) 20.0Breadth 47.2Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.33Port of Registry LONDON.Depth 21.5Do. Long Bridge to top of keel 10.26

If surveyed while building, afloat, or in dry dock

Draught Moulded 19'-11 1/2"YES.

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	30				Bracket Floors, Frame	5 1/2	3	32	
" " from 1/4 length to Collision bulkhead	27				" " Reversed Frame	5	3	32	
" " in peaks	24				" " Vertical Struts	5 1/4	3	32	
IDE FRAMING.					Centre Girder, depth and thickness amidships	34		46	33 1/2"
Frame Amidships, Angle, <u>E or F</u>	10	3 1/2	63		" " top Angles	3	3	43	
" " Extends up to	UPPER DECK				" " bottom Angles	3 1/2	3 1/2	49	
Reversed Frame Amidships, Angle					Side Girders, No. each side and thickness	ONE	a)	34	
<u>Plow</u> " Extends up to					Margin Plate depth (excl. of flange) and thickness	30		44	
Depth of Framing Girder	10				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	5	5	38	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>					" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6	6	38	
" " Second 'tween Decks, Angle, <u>E or F</u>					" " Gussets, spacing and scantling abaft 1/4 len. from stem	NONE			
" " Third " " " "					" " Gussets, spacing and scantling forward 1/4 len. from stem	EVERY FRAME		38	
Framing in Peaks, Angle or <u>E</u>	6 1/2	3	30		Tank Side Brackets, height above base line at toe of Frame and thickness	55 1/2		38	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" DIA" a	4 1/2"			INNER BOTTOM PLATING.				
State if Frame Joggled	YES.				Breadth and thickness of Middle Line Strake	72		40	
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	REV BARS 4 1/2" x 3 1/2" x 1/4" FITTED TO FRAMES FROM FR NO 103 TO COLLISION BHP WITH 3 SIDE STRINGERS AS APPROVED.				Thickness of remainder in Holds			39 - 37	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	5" x 5" x 3/8 FRAMES DOUBLE RIVETED AND ADDITIONAL INTERCOSTAL GIRDERS.				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?			YES.	
ANGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds					Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	9 1/2	3 1/2	48	
Height of Brackets at side above base line at toe of frame					" " in way of Bridge, Angle, <u>E or F</u>	9	3	46	
Middle Line Keelson, on Floors, Angles, <u>E or F</u>					" " Spacing			30"	
" " Through Plate or Intercostal Plate					Second Deck, amidships, Angle, <u>E or F</u>				
" " Foundation Plate on Floors					" " Spacing				
" " Flat Plate Keel Angles					Third Deck, amidships, Angle, <u>E or F</u>				
Side Keelsons, No. each side					" " Spacing				
" " thickness of Intercostal Plate					Fourth Deck, amidships, Angle, <u>E or F</u>				
" " Angles					" " Spacing				
DOUBLE BOTTOM.					Poop Deck, Angle, <u>E or F</u>	6	3	32	
Solid Floors, thickness and spacing	38 EVERY 3RD FR				" " Spacing			EVERY FRAME	
" " Are Frame and Reversed Frame joggled?	YES				Bridge Deck, Angle, <u>E or F</u>	7 1/2	3	39	
Bracket Floors, breadth and thickness at middle line	43	38	42"		" " Spacing			EVERY FRAME	
" " breadth and thickness at margin plate	32	38	30"		Forecastle Deck, Angle, <u>E or F</u>	9	3	52	
					" " Spacing			ALT FRAMES.	

PILLARS AND DECKS.				
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS. No. of Rows.....	ONE	✓		
" 561045 in'tween Decks, Size and Spacing.....	2 7/8 x 60"	✓		
" " " " "	✓			
" in Holds " " "	5 3/4 x 60" AND AS APPROVED.			
" " " " "	BUILT PILLARS AT HATCH ENDS AS APPROVED.			
Centre Line Bulkhead.	✓			
Stiffeners and Spacing.....	✓			
Plating, thickness of	✓			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	48 71	✓		
" " " " in way of Bridge	48 34	✓		
" Angle in Wells	6 6 71	✓		
Thickness of Plating abreast Deck openings) in way of Wells	47	✓		
Thickness of Plating abreast Deck openings) in way of Bridge	30	✓		
Thickness of Plating within line of openings...				
If Sheathed, material and thickness	✓			
Second Deck.	✓			
Stringer Plate, breadth and thickness in Wells...				
Stringer Plate, breadth and thickness in way of Bridge	✓			
Thickness of Plating abreast Deck openings) in way of Wells	✓			
Thickness of Plating abreast Deck openings) in way of Bridge	✓			
Thickness of Plating within line of openings...	✓			
If Sheathed, material and thickness	✓			
Third Deck.				
Stringer Plate, breadth and thickness.....	✓			
If Plated, state thickness.....	✓			
Fourth Deck.				
Stringer Plate, breadth and thickness.....	✓			
If Plated, state thickness	✓			
Poop Deck.				
Stringer Plate, breadth and thickness.....	30 32	✓		
Plating, Sheathing, material and thickness	30	✓		
Bridge Deck.				
Stringer Plate, breadth and thickness.....	48 41	✓		
Plating, Sheathing, material and thickness	44 x 36 36	✓		
Forecastle Deck.				
Stringer Plate, breadth and thickness.....	30 32	✓		
Plating, Sheathing, material and thickness	32 x 2 1/2 P.P. SHEATHING.	✓		

SCANTLINGS.					RIVETING.						
AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? No.			BUTTS.			
STRAKES.	AMIDSHIPS.		FORWARD.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	46	64	58	58	DOUBLE	7/8	3 1/2	3 R	7/8	3 1/2	LAPPED.
" Base (if any)											
BOTTOM PLATING, No. of Strakes ^{A.B.C.}	55		40	40	DOUBLE	3/4	3	3 R TO 2 R	3/4	2 5/8	"
BILGE PLATING, No. of Strakes ^{B.C.}	55		40	40	"	"	"	" " "	"	"	"
SIDE PLATING, No. of Strakes ^C	55		40	40	"	3/4	3	" " "	"	"	"
UPPER DECK, Sheer-strake in Wells.....	60	68	40	40	"	7/8	3 1/2	4 R TO 3 R	7/8	3 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	72	55			"	3/4	3	3 R	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Wells.....	60	40	40		"	7/8	3 1/2	3 R	7/8	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge ...	55				"	3/4	3	3 R	3/4	2 5/8	"
POOP SIDE PLATING			34		SINGLE	3/4	3	1 R	3/4	2 5/8	"
BRIDGE SIDE PLATING ...	49				DOUBLE	3/4	3	3 R	3/4	2 5/8	"
FORE'C'TLE SIDE PLATING			38		SINGLE	3/4	3	1 R	3/4	2 5/8	"

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 5

„ Deck next below ✓

As per Rule 5

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plan to be noted.
KEEL, Bar ✓	ROLLED STEEL BAR.	8 x 2 3/8	PORTLAND FORGE	
STEM				
STERN FRAME {				
Propeller Post ...	CASTING	9 x 6	OTTO GRUBER	
Rudder "	"	8 x 6	" "	
RUDDER—A x D ... 28 1/2				
Speed of Vessel UNDER 10K.				
RUDDER mainpiece at head ...	FORGING	7 3/4	BRANALL'S	
" " heel ...	"	5 3/4	FORGE.	
" how constructed	BUILT	FORGING.		
" double or single plate	SINGLE	1'-00		
" coupling, vertical or horizontal	HORIZONTAL.			

EQUIPMENT No. 22982.										LETTER <u>u</u>		ANCHORS.		-2 JUN 1920		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.						lbs.
40260	1st Bower ...	45	1	7	STOCK LESS			39	9	2	21	45	BRITANNIC	R. SYKES & Co L ^d	CRADY MOUTH 26-9-24 S. C. PAUL.	
40269	2nd " ...	44	3	14	"			39	3	1	21	45	D ^s	D ^s	"	
40261	3rd " ...	38	1	0	"			34	13	0	14	38	D ^s	D ^s	"	
	Collective weight.	128	1	21												
58364	Stream	12	2	3	3	0	18	14	6	1	0	12	ORDINARY.	N. BLOOMER & Son L ^d	MOUTH 25-8-24 H. A. BRIDGEMAN.	

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.	
	Length.	Diam.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.		Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.
59253	270 3/4	1 1/8	67 1/2	9 1/2	576 - 0 - 0		511 1/2	270	1 1/8	STUB LINK.	N. G. Campbell, Jun. 1890		2 1/2 90	2 1/2	12 1/2	2 1/2 90	2 1/2
													2 1/2 90	2 1/4	9 1/2	2 1/2 90	2 1/4
Swan Stream Chain or Steel Wire	90	4 1/4	35					90	4 1/4	65 H.							

Steering Gear, Steam BY ALLEY AND MACLELLAN LT^{OS} Steering Gear, Hand BY W.A. DAVIE SUNDRLAND

Boats 2 LIFEBOATS & 1 DINGHY Steering Chains, Size and Test 1 1/8 DIA^S 15 1/8 TONS Windlass STEAM, BY EMERSON, WALKER, HOPKINS & CO

Ceiling in Molds, thickness and material 2 1/2" UP UNDER HATCHES & OVER BULGES Cargo Battens, thickness, material and spacing 6" x 2" H.P. 9" SPACE

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS & ANGLES Thickness of Hatches 2 1/2" H.P. COVERS

Size of No. 1 Hatchway (Forward) 54'-9" x 17'-0" No. 2 27'-6" x 17'-0" No. 3 27'-6" x 17'-0" No. 4 22'-6" x 17'-0" No. 5 10'-0" x 17'-0" No. 6

Number of Shifting Beams and/or Fore and Afters 4 WEBS IN NO^S 1 & 4 HATCHES; 5 WEBS IN NO^S 2 & 3 HATCHES; 1 WEB IN BRIDGE HATCH

Builder's Signature Geo Dundas Bremner & Co Ltd Henry Main

and in general conformity with the Society's Rules for the Class contemplated. The workmanship is good and the materials used throughout in the vessel's construction are also good. The Double Bottom Tanks, after Peak Tank, & the Fore Peak have been tested to the Rule requirements and found satisfactory. The weather decks, W.T. Bulkheads, & Tunnel were hose tested and found satisfactory. The Freeboard has been verified & the marks cut in on the vessel's side. The approved plans and Laying Reports are forwarded herewith.

The amount of Entry Fee £ 6 : - : . } Fees applied for,
 Special Survey Fee.... £ 200 : 14 : . } *20th May 1926*
FREEBOARD.
Travelling Expenses, if any £ 8 : - : . } Received by me, *AD*
20th May 1926.

I am of opinion the Vessel should be Classed *✓* 100A1

State whether the Vessel has been built under Special Survey Yes. Signature J. P. Davis & Robert Dureau
Certificate to be sent to GREENOCK. Date of issue 4/6/26. Surveyors to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW** 1- JUN 1926
Character assigned $\div 100A$

526

Lloyd's accp
+ Lmc 5,26

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.)

This is a Sister Vessel to S. S. "QUERCUS" LK Rep No. 18539.
Report on Sternframe & Report on Rudder forwarded herewith.

List of Approved Plans.

Midship Section
Profile & Decks
Strengthening Forward
" aft.
Hatch-end Beams & Pillars
Pumping Arrangements
Rudder Plan.
Stern Frame.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	WT HEAD & PIN.	SURV INIT	NO OF CERT	DATE OF TEST.
	2nd "	28-0-7	M.B.	1873	4-3-24
	3rd "	28-2-0	M.B.	1872	4-3-24
		24-2-14	K.H.	3071	29-8-24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29.18 ft., R.Q.D. ✓ ft., Bridge 92.5 ft., Forecastle 31.33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

1 DS (STL)

Official No. 148764 ; Signal Letters Is bottom of Vessel coated with cement YES if not give particulars of composition FLOORS CEMENT WASHED THROUGHOUT; BOTTOM CEMENTED IN TANK UNDER BOILERS, & IN FORE & AFT PEAKS. ELSEWHERE CEMENT FILLETS ONLY.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	90.0	208.3	Fore peak tank,		
Double bottom, under Engines and Boilers,	17.5	56.0	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		76.0
Double bottom, if under Boilers only, DRY TANK.	17.5		Deep tank, forward,		
Double bottom, forward,	140.25	366.2	Other tanks, if fitted,		
Total capacity of double bottom		630.5	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 3115

Date 26-2-24

Dates of Surveys held while building

(1924) May 5. 7. 21. 29. June 6. 11. 18. 24. July 17. 23. 31. Aug. 1. 11. 14. 20. 25. 27. Sept. 3. 11. 16. 18. 22. 23. 24. 30. Oct. 6. 10. 16. 21. 24. 29.
Nov. 6. 12. 13. 17. 25. 26. 28. Dec. 1. 2. 3. 5. 10. 12. 16. 19. 26. (1925) Jan. 9. 21. 23. 27. Feb. 4. Sept. 23. Nov. 13. (1926) Jan. 19. 26. Feb. 4. 11. 17.
23. Mar. 2. 5. 12. 19. 25. 29. Apr. 29. May 3. 19. 22.

Total No. of Visits

70.