

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office AUG 16 1939

State if Report has been sent on the Freeboard of the Vessel YES

AUG 16 1939

State if Report is sent on the Machinery of the Vessel YES

Date of completion of report 10th August, 1939 Port of GREENOCK.

Survey held at PORT GLASGOW

Date First Survey (1937) 16th Nov.

Last Survey 8th August 1939

No. 20790

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

SINGLE SCREW MOTORSHIP. "CAPE CLEAR"

MACHINERY AMIDSHIPS.

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

COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING

State Type of Erections E.C.L.E. ON SHELTER Dk.

TONNAGE under Tonnage Deck... 4524.04

CLASS 100 A.I.

State if with freeboard as condition of Class

YES

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 425

Launched MAY 8th 1939. Yard No. 906

Total

Breadth (greatest moulded)

B 56

Builders LITHGOWS LIMITED.

Gross Tonnage 5085.36

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 36.75

Owners CAPE YORK MOTORSHIP CO LTD

Register Tonnage 2976.11

1st Longitudinal Number (L x D) = 15193.75

Managers LYLE SHIPPING CO LTD

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 38993.75

Residence 120 ST VINCENT STREET, GLASGOW.

REGISTERED DIMENSIONS.

FEET.

Length 431.8

Framing Depth "d," at middle of length. See Sec. 3 (1d)

23.75

Port of Registry GLASGOW.

Breadth 56.2

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.56

If surveyed while building, afloat, or in dry dock

Depth 24.8

Draught Moulded

24'-8 1/2"

BUILDING & AFLOAT

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	31	✓	Bracket Floors, Frame	BA 6 x 3 1/2 x .42	✓
" " from 1/2 length amidships to Collision bulkhead.....	27	✓	" " Reversed Frame	BA 5 1/2 x 3 x .42	✓
" " in peaks.....	24	✓	" " Vertical Struts	CH. 8 x 3 1/2 x .42	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	48 x .49	✓
Frame Amidships, Angle, [or]	12 3/2 .55	✓	" " top Angles	3 1/2 3/2 .48	✓
" " Extends up to	2nd DECK	✓	" " bottom Angles	4 4 .54	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE @ .38	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	44 1/2 x .54	✓
Depth of Framing Girder	42"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 1/2 x 6 1/2 x .55	App ^d 6 1/2 x 6 1/2 x .44
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 3/2 .35	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	6 1/2 6 1/2 x .55	App ^d 6 1/2 x 6 1/2 x .44
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONT .42	FITTED WITH 4 x 3 1/2 x .42 BACK BARS
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	CONT .42	
" " from 1/2 len. for'd. to 15% len. from Stem	15 x 4 x 3/16 CH. 1/2	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	75 x .44	✓
" " in Peaks, Angle, [or]	7 1/2 3 .36	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 7 " " BOTTOM FRAMES	✓	Breadth and thickness of Middle Line Strake	78 x .50	✓
State if Frame Joggled	YES, AMIDSHIPS	✓	Thickness of remainder in Holds44 - .40	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES.	✓	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. ALSO INCREASED 1/20 UNDER BOILERS	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES.	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	9 3/2 .49	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, [or]	✓	
Height of Brackets at side above base line at toe of frame			Spacing	31.	✓
Middle Line Keelson, on Floors, Angles, [or]			Second Deck, amidships, Angle, [or]	12 3/2 .45	App ^d 11 1/2 x 3 1/2 x .53
" " Through Plate or Intercoastal Plate			Spacing	31	✓
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or]	✓	
" " Flat Plate Keel Angles			Spacing	✓	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Intercoastal Plate			Spacing	✓	
" " Angles			Poop Deck, Angle, [or]	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing42 EVERY 3rd FRAME	✓	Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	YES	✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	32 1/4 x .42	✓	Forecastle Deck, Angle, [or]	8 3 .34	✓
" " breadth and thickness at margin plate	32 1/4 x .42	✓	Spacing	27 x 24	✓

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.....		CENTRE LINE BULKHEADS WITH		Stringer Plate, breadth and thickness in way of Bridge.....			
" in 'tween Decks, Size and Spacing.....		REINFORCED HATCH SIDE GIRDERS & HATCH END BEAMS.		Thickness of Plating abreast Deck openings in way of Wells.....		36-30	✓
" " " " " "		EXTRA GIRDERS UNDER UPPER DECK EXTENDING IN WAY OF ENGINE & BOILER SPACE FITTED AT OWNERS REQUEST.		Thickness of Plating abreast Deck openings in way of Bridge.....			
" in Holds " "				Thickness of Plating within line of openings.....		34-30	✓
" " " " " "				If Sheathed, material and thickness.....		NOT SHEATHED.	✓
Centre Line Bulkhead. In Holds 4 Twn Dk.		11x3/2x58/42 BA SPACED 62"		Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of.....		30		If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells.....		66x65-47		If Plated, state thickness.....			
" " " " " in way of Bridge				Poop Deck.			
" Angle in Wells.....		6x6x60		Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Wells.....		60-50		Plating, Sheathing, material and thickness...			
Thickness of Plating abreast Deck openings in way of Bridge.....		45-41		Bridge Deck.			
Thickness of Plating within line of openings.....		45-41		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness.....		NOT SHEATHED ACCOM ^d AFT		Plating, Sheathing, material and thickness...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells.....		72x40		Stringer Plate, breadth and thickness.....		35x36	✓
				PLATING.		32	✓
				Plating, Sheathing, material and thickness...		NOT SHEATHED.	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? No.		AMIDSHIPS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.	Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.			Diam. Spacing cr. to cr. Inches. Inches.		Diam. Spacing cr. to cr. Inches. Inches.		
FLAT PLATE KEEL.....	52	78	68	68		DOUBLE	7/8 3 3/4	QUAD.	1"	3 1/2	LAPPED
" DBLG. (if any)	3 STRAKES OF BOTTOM PLATING FROM 1/2 LENGTH FORWARD TO COLLISION BULKHEAD 66 THICK. ✓										
BOTTOM PLATING, No. of Strakes.....	FOUR	60	50	50		DOUBLE	7/8 3 3/4	TREBLE	7/8 3 3/8	✓	-Do-
BILGE PLATING, No. of Strakes.....	ONE	60	50	50		-Do-	7/8 3 3/4	TREBLE	7/8 3 3/8	✓	-Do-
SIDE PLATING, No. of Strakes.....	FOUR	60	46	46		-Do-	7/8 3 3/4	TREBLE	7/8 3 3/8	✓	-Do-
UPPER DECK, Sheer-strake in Wells.....	58	69	46	46		-Do-	7/8 3 3/4	QUAD.	7/8 3 1/2	✓	-Do-
UPPER DECK, Sheer-strake in Bridge...											
STRAKE BELOW Sheer-strake in Wells.....	58	64	46	46		-Do-	7/8 3 3/4	QUAD.	7/8 3 1/2	✓	-Do-
STRAKE BELOW Sheer-strake in Bridge...											
POOP SIDE PLATING.....	SHELL PLATING IN WAY OF PANTING 58 IN LIEU OF STRINGERS. ✓										
BRIDGE SIDE PLATING...											
FORECASTLE SIDE PLATING		40				SINGLE	7/8 3 1/2	SINGLE	7/8 3 3/8	✓	-Do-

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		7	✓			
Extending to Upper Deck (Sec. 3 c)		1	✓			
„ Deck next below		6	✓			
As per Rule		7	✓			
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks		✓				
„ „ Second „		✓				
„ „ Third „		✓				
„ „ Holds B ^{HD} 65			38-26	12x3½x49BA	30"	✓
COLLISION „ (in Hold)			59-31	11x3½x40BA	21"	2 SEMI-BOX BEAMS
AFTER PEAK „ „			75-35	6x3x38BA	21"	2 SEMI-BOX BEAMS

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar.....		FLAT PLATE KEEL.		✓
STEM.....		ROLLED 10x2 1/2		✓
STERN, { Propeller Post.....	STEEL	10 1/4 x 13	STEEL CO OF SCOTLAND	
FRAME { Rudder ".....	CASTING.	10x17-22	ROBE 10 1/2 x 8 STREAMLINED.	
Speed of Vessel.....		12 KNOTS		✓
RUDDER-Type.....		DOUBLE PLATE	STREAM LINED.	
" A x D.....		619.		
" Diam. of head.....	FORGING.	11 1/2	BURMEISTER & WAIN. COPENHAGEN	
" Mainpiece at top pintle.....	CASTING.	10 1/2 x 10"	STROMMENS YERKSTED	
" " heel.....	"	6x10"	STROMMENS.	
" how constructed.....		COMPLETE CAST STEEL FRAME.		
" double or single plate coupling, vertical or horizontal.....		46 THICK.		
		HORIZONTAL COUPLING.		✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (OPEN HEARTH PROCESS) ✓

STEEL. COLVILLES L^{TD}: THE STEEL CO OF SCOTLAND: THE LANARKSHIRE STEEL CO.

Has the Steel been tested as required by the Rules? YES. ✓

EQUIPMENT No 40053 ✓												LETTER a+✓		ANCHORS.		
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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
37488	1st Bower ...	68	2	0	STOCKLESS			52	18	3	0	68 ✓	BYERS IMPROVED STOCKLESS PER W. L. BYERS & CO. SUNDERLAND 26/37 J. H. BUTLER.			
37756	2nd „ ...	68	1	14	✓	---	---	“	“	“	“	68 ✓		-Do-	-Do-	17/37 “
37511	3rd „ ...	58	3	7	✓	---	---	47	13	3	0	58½ ✓		-Do-	-Do-	15/37 “
	Collective weight.	195	2	21	✓							194½ ✓				
96646	Stream	19	0	0	✓	4	3	14	19	17	2	0	19 ✓	ORDY FGD WROT IRON	NOT STATED	NETHERTON 26/10/37 J. A. RELF ✓

CHAIN CABLES.										HAWSERS AND WARPS.									
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.	Statio- tory.	Break- ing.	Supplied.	Per Rule.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
88917	135	2 5/8	96 1/4	134 3/4	362.2.12	720.3.0	270	2 5/8	134 3/4	134 3/4	LINK	NOT STATED	NETHERTON 26/37 J. A. RELF	TOWLINE	120 (6x24)	4 3/4	64.6	120 (6x24)	4 3/4
88763	135	2 5/8	96 1/4	134 3/4	360.3.0	723.1.12					"	"	" 23/37	"	2@90 (6x12)	2 3/4	15.2	2@90 (6x12)	2 3/4
															2@90 (6x12)	2 1/2	13.2	2@90 (6x12)	2 1/2
Stream Steel Wire	90	5	✓	52.8					90	5 (6x12)	✓								

Steering Gear, Type ~~Power~~ STEAM Wilson-Pirrie Type By. DONKINS LTD NEWCASTLE. Alternative Means of Steering BLOCK & TACKLE LED TO AFTER WINCH.

Steering Chains (Size and Test) STEERING GEAR AFT. TELE MOTOR CONTROL. Windlass STEAM By. CLARK CHAPMAN. Boats 2-25' LIFEBOATS. 2-17 DINGHY'S.

Ceiling in Holds, thickness and material 2 1/2" W. P. ON TANK TOP & BILGES. Cargo Battens, thickness, material and spacing 6x2 W. P. SPACED 9" APART.

Cargo Hatchways.-(Upper Deck) COAMINGS 42" HIGH, FITTED WITH NELSON WEBS. Thickness of Hatches 2 1/2" SOLID WHITE PINE.

Size of Hatchways No. 1 (Fwd.) 31'-6" x 20'-0" No. 2 31'-0" x 20'-0" No. 3 20'-8" x 20'-0" No. 4 31'-0" x 20'-0" No. 5 31'-0" x 20'-0" No. 6 ✓

Number of Shifting Beams Nos 1, 2, 4 & 5 HATCHES = 5 BEAMS; No 3 HATCH = 3 BEAMS.

Builder's Signature

R. Campbell
FOR LLOYD'S REGISTER LIMITED

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 MOTORSHIP.

(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).

THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS AND IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES FOR THE CLASS CONTEMPLATED.

THE MATERIALS & WORKMANSHIP ARE OF GOOD QUALITY.

ALL THE DOUBLE BOTTOM TANKS, COFFERDAMS, FORE AFT PEAK TANKS & DEEP TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES & FOUND SATISFACTORY.

THE WEATHER DECKS, W.T. BULKHEADS, TUNNEL & W.T. DOORS WERE HOSE TESTED & FOUND SATISFACTORY.

THE FREEBOARD HAS BEEN VERIFIED & THE MARKS CUT IN ON THE VESSEL'S SIDES.

OIL FUEL (FLASH POINT ABOVE 150°F) IS CARRIED IN NOS 2, 3, 4 & 5 DOUBLE BOTTOM TANKS & SECTION 20 OF THE RULES HAS BEEN FULLY COMPLIED WITH.

The amount of Entry Fee £ 9 : 0 : 0

Fees applied for,

(Special notations, where part of class, to be stated.)

Special Survey Fee £ 327 : 2 : 6

FREEBOARD 16 : 0 : 0

Received by me,

I am of opinion the Vessel should be Classed 100 A.I. WITH FREEBOARD

Travelling Expenses, if any

17. 5 19. 39 19/8.

State whether the Vessel has been built under Special Survey YES

Signature

Hennothy Inglis

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GREENOCK OFFICE Date of issue

Committee's Minute

GLASGOW 15 AUG 1939

Character assigned

-1- 100 A.I.

with freeboard

Lloyd's A.C.P.

8.39

are by

-1- Lmc 8.39

2 00 120 lb.

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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.)

PLANS OF MIDSHIP SECTION & PROFILE DECKS AS BUILT, APPROVED PLANS & FORGING REPORTS ARE FORWARDED.

PARTICULARS OF ELECTRIC WELDING (if employed) CORNER BARS OF BULKHEADS & TANK ENDS.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book CRUISER STERN; D.F.; E.S.D.;

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

1st Bower 44-1-14 Wt 140 P.M.S. R.L: 6781 : 9-7-37.
2nd „ 43-3-21 JD: 1427 : 13-8-37.
3rd „ 36-3-7 J.F.R: 2449 : 13-8-37.

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

Official No. 165,968.

Signal Letters

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 447.5 (Circ. 1703)

No. and Material of Decks 1 Dk & SHELTER Dk.

Parts of Bottom of Vessel coated with cement or approved composition NOS 1 & 6 TANKS CEMENTED, FEED TANK & FORE AFT PEAK TANKS CEMENTED. OTHER DOUBLE BOTTOM TANKS OILED.

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.	SALT. Water Capacity. Tons.	Where Fitted.	Length. Feet.	SALT. Water Capacity. Tons.
Double bottom, aft,	126.7	428	Fore peak tank,		101
Double bottom, under Engines and Boilers,			After peak tank,		192
Double bottom, if under Engines only,	56.7	237	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	13.5 CEN. 33.5 SIDE	957
Double bottom, forward,	183.6	742	Other tanks, if fitted,		
Total length (if continuous) and Capacity	367.0	1407	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3414

Date 22.3.37

Dates of Surveys held while building

(1937) NOV. 16, 24, 30, DEC. 29 (1938) JAN. 11, 14, 20, 24, 25, 27, 28, 31, FEB. 3, 4, 11, 16, 22, 23, 25, 28
MAR. 1, 2, 3, 4, 7, 18, 23, 25, 29, 30. APR. 1, 5, 6, 8, 11, 13, 19, 20, 28 MAY 4, 5, 10, 12, 16, 19, 27, 30, JUNE 2, 8, 9, 10,
JUNE 14, 15, 17, 21, 23, 24, 28, JULY 14, 18, 21, 25, 26, 27, AUG. 1, 2, 4, 12, 16, 23, 30, SEPT. 8, 16, OCT. 7, 28
NOV. 7, 23, 29 (1939) FEB. 24, MAR. 1, 2, 6, 8, 9, 24, 29, APR. 6, 12, 21, 25, 26, MAY 1, 2, 3, 5, 8, 12, 23,
JUNE 7, 13, JULY 21, 28, 31, AUG. 1, 2, 7, 8.

Total No. of Visits 107