

STEEL STEAMER or MOTORSHIP.

Received at London Office

MAR 26 1941

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

Date of completion of report 15th March 1941 Port of GREENOCK No. 21344
Survey held at PORT GLASGOW Date First Survey 22nd August 1939 Last Survey 12th March 1941
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTORSHIP "CAPE HANKE"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENINGS State Type of Erections FORECASTLE ON SHELTER DECK.

TONNAGE under Tonnage Deck... 540.46 CLASS 100 A.1. 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 } L 425 Launched 27th MAY 1940 Yard No. 930
Total 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 Builders LITHGOWS LIMITED.
Gross Tonnage 5080.50 1st Longitudinal Number (L x D) 15193.75 Owners CAPE YORK MOTORSHIP CO LTD
Register Tonnage 2933.06 2nd Numeral L x (B + D) 38993.75 Managers LYLE SHIPPING CO LTD
(Where necessary to be entered in Reg. Book.)
REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 23.75 Residence 120 ST. VINCENT ST. GLASGOW.
Length 431.8 Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.56 Port of Registry GLASGOW.
Breadth 56.2 Do. Long Bridge to top of keel ✓ If surveyed while building, afloat, or in dry dock
Depth 24.8 Draught Moulded 24'-8 1/2" BUILDING, AFLOAT & IN DRY DOCK

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	6 3 1/2 .42 ✓	
" " from 2/3 length amidships to Collision bulkhead	27 ✓		" " Reversed Frame	5 1/2 3 .42 ✓	
" " in peaks	24 ✓		" " Vertical Struts	5 1/2 3 .42 ✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	48" x .49 ✓	
Frame Amidships, Angle, E or C	12 3 1/2 .55 ✓		" " top Angles	3 1/2 3 1/2 .48 ✓	
" " Extends up to	2 ND 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	12 ✓		" " Vertical Angle to Tank side	6 1/2 6 1/2 .55 ✓	6 1/2 x 6 1/2 .44 ✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	6 3 1/2 .35 ✓		" " Bracket abaft 1/2 len. from stem	6 1/2 6 1/2 .55 ✓	6 1/2 x 6 1/2 .44 ✓
" " Second 'tween Decks, Angle, E or C	✓		" " Vertical Angle to Tank side	6 1/2 6 1/2 .55 ✓	6 1/2 x 6 1/2 .44 ✓
" " Third " " " "	✓		" " Bracket from forward 1/2 len. from stem to Panting Area	CONT. .42	FITTED WITH 5" x 3 1/2" .42" BACK BARS ✓
" " from 1/2 len. for'd. to 15% len. from Stem	15 x 4 x 4 .56 / 162 ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONT. .42	
" " in Peaks, Angle or C	8 3 1/2 .36 ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	CONT. .42	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 1/2 DIA. IN SIDE FRAMES ✓ 7/8 7 " " BOTTOM FRAMES. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	75 x .44	
State if Frame Joggled	YES. AMIDSHIPS. ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES ✓		Breadth and thickness of Middle Line Strake	78 x .50 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES ✓		Thickness of remainder in Holds	.44 - .40 ✓	
ANGLE BOTTOM.			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 ✓	
Floors, Depth and thickness at mid-line in Holds	✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	✓		Uppermost Continuous Deck, amidships	9 3 1/2 .49 ✓	
Middle Line Keelson, on Floors, Angles, E or C	✓		" " in Wells, Angle, E or C	✓	
" " Through Plate or Intercoastal Plate	✓		" " in way of Bridge, Angle, E or C	✓	
" " Foundation Plate on Floors	✓		Spacing	31 ✓	
" " Flat Plate Keel Angles	✓		Second Deck, amidships, Angle, E or C	12 3 1/2 .45 ✓	
Side Keelsons, No. each side	✓		Spacing	31 ✓	
" " thickness of Intercoastal Plate	✓		Third Deck, amidships, Angle, E or C	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, E or C	✓	
Solid Floors, thickness and spacing	42 EVERY 3 RD FRAME ✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	YES ✓		Poop Deck, Angle, E or C	✓	
Bracket Floors, breadth and thickness at middle line	32 1/4 x .42 ✓		Spacing	✓	
" " breadth and thickness at margin plate	32 1/4 x .42 ✓		Bridge Deck, Angle, E or C	✓	
			Spacing	✓	
			Forecastle Deck, Angle, E or C	8 3 .34 ✓	
			Spacing	27 ✓	

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 BULKHEAD				Stringer Plate, breadth and thickness in way of Bridge		✓			
,, in 'tween Decks, Size and Spacing.....		HATCH				Thickness of Plating abreast Deck openings in way of Wells		✓36 - 30		✓	
,, ,, ,, ,, ,,		SIDE GIRDERS & HATCH				Thickness of Plating abreast Deck openings in way of Bridge		✓			
,, in Holds ,, ,,		END BEAMS.				Thickness of Plating within line of openings...		✓34 - 30		✓	
,, ,, ,, ,, ,,		EXTRA GIRDER UNDER UPPER DECK EXTENDING IN WAY OF ENGINE & BOILER SPACE				If Sheathed, material and thickness		NOT SHEATHED.		✓	
,, ,, ,, ,, ,,		FITTED AT OWNERS REQUEST.									
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....		B.A. 11x32x40/56				Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of		SPACED 62"				If Plated, state thickness.....		✓			
		30									
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....		✓			
Stringer Plate, breadth and thickness in Wells		66x65-47		✓ APPR 66x60-42		If Plated, state thickness		✓			
,, ,, ,, ,, in way of Bridge		✓				Poop Deck.					
,, Angle in Wells		6 6 60		✓		Stringer Plate, breadth and thickness		✓			
Thickness of Plating abreast Deck openings in way of Wells		60 - 50		✓ APPR 55 - 45		Plating, Sheathing, material and thickness ...		✓			
Thickness of Plating abreast Deck openings in way of Bridge		✓				Bridge Deck.					
Thickness of Plating within line of openings...		45 - 41		✓ APPR 40 - 36		Stringer Plate, breadth and thickness.....		✓			
If Sheathed, material and thickness		NOT SHEATHED EXCEPT OVER ACCOMPLAFT 5x22 PINE.		✓		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 Joggled?		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		No. of Rows of Rivets.		Spacing cr. to cr.	STRAPPED OR LAPPED.
	Inches.	Inches.	Inches.	Inches.						Inches.	Inches.
FLAT PLATE KEEL	52	78	68	68		DOUBLE	7/8 3/4	QUAD.	1	4	LAPPED.
„ DBLG. (if any)	3 STRAKES OF BOTTOM PLATING FROM 1/2 LENGTH FORW TO COLLISION BULKHEAD .66" THICK.										
BOTTOM PLATING, No. of Strakes FOUR.		60	50	50		DOUBLE	7/8 3/4	TREBLE	7/8	3/8	LAPPED.
BILGE PLATING, No. of Strakes ONE.		60	50	50		"	7/8 3/4	"	7/8	3/8	"
SIDE PLATING, No. of Strakes FOUR.		60	46	46		"	7/8 3/4	"	7/8	3/8	"
UPPER DECK, Sheer-strake in Wells.....	58	69	46	46		"	7/8 3/4	QUAD.	7/8	3/2	"
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	58	64	46	46		DOUBLE	7/8 3/4	QUAD.	7/8	3/2	LAPPED.
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING	SHELL PLATING IN WAY OF PAINTING .58" IN LIEU OF STRINGERS.										
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING		40				SINGLE	7/8 3/2	SINGLE	7/8	3/8	LAPPED.

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 BULKHEAD, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds	65	38 26	12 3/2	498.8	30
COLLISION „ (in Hold)	59 3/4	11 3/2	40.8	21	2 SEMI BOX BEAMS
AFTER PEAK „	75 1/2	35	6 3/4	38.8	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, 10" x 2 1/2" ✓			
STERN FRAME {	Propeller Post	STEEL 13" x 18 3/4" OF SCOTLAND. ✓		
	Rudder ..	CASTING 17" x 22" x 10 ✓		
Speed of Vessel	12 KNOTS ✓			
RUDDER—Type	DOUBLE PLATE STREAMLINED. ✓			
„ A x D	619 ✓			
„ Diam. of head	FORGING, 11 1/2" STROMMENS ✓ VERKSTED A/S. OSLO ✓			
„ Mainpiece at top pintle	CASTING 10 1/2" x 10" " STROMMENS.			
„ „ heel ...	" 6" x 10" ✓			
„ how constructed	COMPLETE CAST STEEL FRAME ✓			
„ double or single plate	46" THICK. ✓			
„ coupling, vertical or horizontal	HORIZONTAL. ✓			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **OPEN HEARTH, COLVILLES LTD, THE STEEL CO OF SCOTLAND, THE LANARKSHIRE STEEL CO**

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

EQUIPMENT No. 40053										LETTER 27		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.						
39220	1st Bower ...	68	1	0	STOCKLESS	52	15	2	14	68	✓	BYERS IMP ^d STOCKLESS	✓	SUNDERLAND 25/11/39 N.Y.N.				
39216	2nd „ ...	68	0	21	✓	“	52	15	2	14	68	✓	“	✓	“ 25/11/39 N.Y.N.			
39030	3rd „ ...	58	3	7	✓	“	47	13	3	0	58½	✓	“	✓	“ 8/9/39 N.Y.N.			
	Collective weight.	195	1	0	✓						194½	✓						
98495	Stream	19	0	16	✓	5	0	0	✓	20	1	3	14	19	✓	ORD. FORG ^d NROT IRON	✓	NETHERTON 4/10/39 J.A.R.

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory. Break- ing.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Descrip- tion.	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.		Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Owts. grs. lbs.	Owts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
89908A	120	2 5/8	964	134 3/4	322.2-15	720.3-0	270	2 5/8	✓	STUD LINK.	✓	NETHERTON					
										31/8/39 R.J.Y.		TOWLINE...	120	4 3/4	64.6	120	4 3/4
												(6x24)			(6x24)		
89909A	30	"	"	"	83-0-3		"	"	✓	" " "		HAWSERS & WARPS	20 90	2 3/4	15.2	20 90	2 3/4
												(6x12)			(6x12)		
40466A	120	"	"	"	322.0-25	✓	"	"	✓	CARDIFF		"	20 90	2 1/2	13.2	20 90	2 1/2
	270	Cir.			727-3-15			Cir.		18/12/40 A.B.		"	(6x12)			(6x12)	
Less Stream	90	5	52.8				90	5	✓								
Circle of Steel Wire	(6x12)		✓				(6x12)		✓								

Steering Gear, Type (Power ~~or hand~~) *STEAM. WILSON PIRRIE TYPE, BY DONKINS* Alternative Means of Steering *BLOCKS & TACKLE LED TO AFTER WINCH*

Steering Chains (Size and Test) *STEERING GEAR AFT. TELE MOTOR CONTROL* Windlass *STEAM BY CLARK CHAPMAN* Boats *2 @ 25' 0" LIFEBOATS 2 @ 17' 0" DINGHYS*

Ceiling in Holds, thickness and material *2 1/2" W.P. UNDER HATCHES AND BILGES.* Cargo Battens, thickness, material and spacing *6" 2" W.P. SPACED 9" APART*

Cargo Hatchways. (Upper Deck) *COMINGS 42" HIGH FITTED WITH NEILSON* 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 *Nº 1, 2, 4 & 5 HATCHES = 5 BEAMS. Nº 3 HATCH = 3 BEAMS.*

Builder's Signature *FOR LITHGOWS LIMITED* *R. Campbell*

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 and workmanship are of good quality.

All the double bottom tanks, cofferdams, fore & aft peak tanks and deep tanks have been tested as required by the Rules and found satisfactory.

The weather decks, w.t. bulkheads & w.t. doors were hose tested and found satisfactory.

The foreboard has been verified and the marks cut in on the vessels sides.

The pumps, steering gear, windlass, w.t. doors, auxiliary steering gear and bilge suction were tested under working conditions and found satisfactory.

Oil fuel, (flash point above 150°F) is carried in Nº 2, 3, 4 & 5 double bottom tanks and section 20 of the Rules has been fully complied with.

The amount of Entry Fee £ *9 : 0 : 0* Fees applied for, *15th MAR 1941*

fed Special Survey Fee £ *327 : 0 : 0* Received by me, *19*

FREEBOARD *16 0 0*

Travelling Expenses, if any £ : : :

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

I am of opinion the Vessel should be Classed *100 A.1.* WITH FREEBOARD.

State whether the Vessel has been built under Special Survey *YES.*

Signature *J. A. Jamieson & Kenneth Inglis*
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to *GREENOCK OFFICE* Date of issue *2/4/41*

Committee's Minute *GLASGOW 25 MAR 1941*

Character assigned *1-100 A1*

with freeboard

Lloyds A & C.P.

3.41

1-100 A1

all right

2 20 120 16

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 forwarded as per separate list together with Laying Reports.
This vessel is a sister vessel of the S.S. Cape Blue. Lithgow's Ltd. Card No. 906, and Greenock Ship Entry Report No. 20790.

Whilst this vessel was awaiting engines and was moored to a buoy at the Laib of the Bank, the moorings broke during a gale on December 6th 1940, and the vessel went ashore opposite Carrigroh Point. After refloating the vessel was dry docked and no damage was found. One length of cable, Port & starboard, was broken and 6 lengths were temporarily lost. These cables were replaced from the cables of a similar vessel.

PARTICULARS OF ELECTRIC WELDING (if employed) CRUISER STERN, TANK TOP BUTTS, CLEAR OF MOTOR ROOM. CORNER BARS OF BULKHEADS & TANK ENDS. BULKHEAD STIFFENER BRACKETS TO TANK TOP. HEADS & HEELS OF SOLID PILLARS.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book CRUISER STERN, D.F. E.S.D. LLOYDS A & C.P.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	INCL. PINS 43-1-18 : J.D. : 2296 : 18-10-39
	2nd ..	43-2-0 : J.D. : 2302 : 18-10-39
	3rd ..	39-0-2 : J.D. : 2020 : 26-6-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ^{ON SHELTER DECK} 39.5 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 168672. Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length 447.5
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK & SHELTER DECK

Parts of Bottom of Vessel coated with cement or approved composition Nos 1 & 6 TANKS CEMENTED. FEED TANKS & 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.	SAIT. Water Capacity. Tons.	Where Fitted.	Length. Feet.	SAIT. Water Capacity. Tons.
Double bottom, aft,	✓ 129.17	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,	15.5 CA 33.5 910E	957 ✓
Double bottom, forward,	✓ 183.6	742	Other tanks, if fitted,		
Total length (if continuous) and Capacity	369.47	1407	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3454

Date 22ND JUNE 1939

Dates of Surveys held while building

(1939) AUG. 22-23. SEPT. 5-13-19-20-21-26-24. OCT. 2-6-10-12-13-14-18-31. NOV. 3-4-10-14-24.
DEC. 4-8-13-21-24. (1940) JAN. 5-12-16-18-25-26. FEB. 5-14-16-19-21-24. MAR. 5-4-8-11-13-15-18.
19-20-22-25-24-29. APR. 1-2-5-9-10. MAY 1-3-6-9-13-14-14-20-21-23-24-31. JUNE 3-5-10.
26-24. JULY 11-15-30. AUG. 4. SEPT. 10. DEC. 31. (1941) JAN. 14-21. FEB. 3-25. MAR. 4-12.

Total No. of Visits 86.