

WRECK
SECTION

1073

STEEL STEAMER or ~~MOTORSHIP~~

JUL -3 1940

Received at London Office

State if Report has been sent on the Freeboard of the Vessel **YES**State if Report is sent on the Machinery of the Vessel **YES.**WRECK
SECTION

Date of completion of report

29th JUNE 1940.

Port of GREENOCK.

No. 21002

Survey held at PORT GLASGOW

Date First Survey

1st SEPTEMBER 1939.Last Survey 24th JUNE.

1940.

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

SINGLE SCREW STEAMER "CAPE WRATH."

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

COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENINGS

State Type of Erections FORECASTLE.

TONNAGE under Tonnage Deck...

4094.16

CLASS 100.A.1.
WITH FREEBOARD.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 405.

Launched APRIL 29th 1940 Yard No. 934

Total

Breadth (greatest moulded)

B 54.

Builders LITHGOWS LIMITED.

Gross Tonnage

4512.06

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

D 34.25.

Owners CAPE OF GOOD HOPE MOTORSHIP CO. LTD.

Register Tonnage

2672.40

1st Longitudinal Number (L x D) = 13871

Managers LYLE SHIPPING CO. LTD.

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

2nd Numeral L x (B + D) = 35741.

Residence GLASGOW.

REGISTERED DIMENSIONS.

FEET.

Length

411.8

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

22.75

Port of Registry GLASGOW

Breadth

54.20

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

11.82

If surveyed while building, afloat, or in dry dock

Depth

23.85.

Do. Long Bridge to top of keel

23.8"

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	30" ✓		Bracket Floors, Frame	B.A. 6 3 34 ✓	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	27" ✓		" " Reversed Frame	B.A. 6 3 37 ✓	
" " in peaks	24" ✓		" " Vertical Struts	CHAN. 8 3 42 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42 x 52 ✓	
Frame Amidships, Angle, E or F	12 3 1/2 45 ✓		" " top Angles	3 1/2 3 1/2 46 ✓	
" " Extends up to	2 nd DECK. ✓		" " bottom Angles	4 4 52 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 @ 36 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39 x 52 ✓	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side	6 1/2 x 6 1/2 45 T ✓	
Frames in Uppermost Continuous Tween Decks, Angle, E or F	7 3 1/2 35 ✓		" " Vertical Angle to Tank side	6 1/2 6 1/2 45 T ✓	
" " Second Tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	40 EVERY FRAME ✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	Do ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	12 3 1/2 58 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	5-6" x 42 ✓	
" " in Peaks, Angle or F	7 3 1/2 41 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 6 1/2 DIAS. ✓		Breadth and thickness of Middle Line Strake	79 x 48 ✓	
State if Frame Joggled	YES ✓		Thickness of remainder in Holds	42 - 38 ✓	
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 ✓	
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 in Wells, Angle, E or F	9 3 1/2 45 ✓	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or F	✓	
Height of Brackets at side above base line at toe of frame			Spacing	30" ✓	
Middle Line Keelson, on Floors, Angle, E or F			Second Deck, amidships, Angle, E or F	11 3 1/2 46 ✓	
" " Through Plate or Intercostal Plate			Spacing	30" ✓	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F	✓	
" " Flat Plate Keel Angles			Spacing	✓	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or F	✓	
" " thickness of Intercostal Plate			Spacing	✓	
" " Angles			Poop Deck, Angle, E or F	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	40 EVERY 4 th FRAME ✓		Bridge Deck, Angle, E or F	✓	
" " Are Frame and Reversed Frame joggled?	YES ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	2 1/2 x 40 ✓		Forecastle Deck, Angle, E or F	8 3 45 ✓	
" " breadth and thickness at margin plate	2 1/2 x 40 ✓		Spacing	27" ✓	

PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	CENTRE LINE BULKHEAD,		
" in 'tween Decks, Size and Spacing.....	REINFORCED HATCH END BEAMS		
" " " " " "	& HATCH SIDE GIRDERS IN		
" in Holds " " " "	HOLDS & TWIN DECKS.		
" " " " " "	SEE APPROVED PLAN.		
Centre Line Bulkhead.			
Stiffeners and Spacing.....	11 x 3 1/2 x 43 B.A.		
Plating, thickness of	SPACED 60" APART		
	30		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	66 x .59		
" " " " in way of Bridge			
" Angle in Wells	6 6 .59		
Thickness of Plating abreast Deck openings	49 @ 20' OPENINGS.		
in way of Wells	52 @ 22'		
Thickness of Plating abreast Deck openings			
in way of Bridge			
Thickness of Plating within line of openings...	.38		
If Sheathed, material and thickness	NOT SHEATHED.		
Second Deck.	EXCEPT OVER ACCOMMODATION AFT 5 x 2 1/2" WOOD		
Stringer Plate, breadth and thickness in Wells...	72 x .40		
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			
Plating, Sheathing, material and thickness ...			
Bridge Deck.			
Stringer Plate, breadth and thickness.....			
Plating, Sheathing, material and thickness ...			
Forecastle Deck.			
Stringer Plate, breadth and thickness.....			
Plating, Sheathing, material and thickness ...			

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <input checked="" type="checkbox"/> No			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	51 ✓	.75 ✓	.66 ✓	.66 ✓		DOUBLE ✓	7/8 ✓	3 1/3 ✓	FOUR ✓	1" ✓	4" ✓	LAPPED.
„ DBLG. (if any) ✓	SIDE SHELL IN WAY OF PANTING AREA .57 IN LIEU OF SIDE STRINGERS. ✓											
BOTTOM PLATING, No. of Strakes } THREE. }	84 ✓	.58 ✓	.48 ✓	.48 ✓		DOUBLE ✓	7/8 ✓	3 1/3 ✓	THREE ✓	7/8 ✓	3 1/8 ✓	„ ✓
BILGE PLATING, No. of Strakes } ONE. }	74 ✓	.58 ✓	.48 ✓	.48 ✓		„ ✓	„ ✓	3 1/3 ✓	„ ✓	„ ✓	„ ✓	„ ✓
SIDE PLATING, No. of Strakes } FOUR. }	78 ✓	.58 ✓	.46 ✓	.46 ✓		„ ✓	„ ✓	3 1/3 ✓	„ ✓	„ ✓	„ ✓	„ ✓
UPPER DECK, Sheer-strake in Wells..... }	56 ✓	.67 ✓	.46 ✓	.46 ✓		„ ✓	„ ✓	3 1/3 ✓	FOUR ✓	7/8 ✓	3 1/2 ✓	„ ✓
UPPER DECK, Sheer-strake in Bridge ... } ✓												
STRAKE BELOW Sheer-strake in Wells..... }	56 ✓	.65 ✓	.46 ✓	.46 ✓		„ ✓	„ ✓	3 1/3 ✓	FOUR ✓	7/8 ✓	3 1/2 ✓	„ ✓
STRAKE BELOW Sheer-strake in Bridge ... } ✓												
POOP SIDE PLATING ✓	BOTTOM PLATING FROM 1/2 LEN TO COLLISION BHD .64. (3 STRAKES P+S) ✓											
BRIDGE SIDE PLATING ... ✓												
FOREC'TLE SIDE PLATING		.40 ✓				SINGLE ✓	7/8 ✓	3 1/3 ✓	SINGLE ✓	7/8 ✓	3 1/8 ✓	„ ✓

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) **ONE**

Deck next below **SIX** ✓

As per Rule **SEVEN.**

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Particulars from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL.		
STEM	ROLLED	$9\frac{1}{2} \times 2\frac{1}{2}$.		
STERN FRAME {	STEEL	STREAM LINED POSTS. W th BEARDMORE & Co.		See plan
{ Rudder	CASTING	RULE SIZE $10\frac{1}{2} \times 7\frac{1}{2}$	GLASGOW.	
Speed of Vessel		$10\frac{1}{2}$ KNOTS.		
RUDDER—Type	STREAM LINED FABRICATED	RUDDER POST & COUPLING. MADE BY W th BEARDMORE & Co. GLASGOW.		
" A x D	NOT GIVEN	GUDGEONS BY KINCAID-GREENOCK		
" Diam. of head		$10\frac{1}{2}$ "		
" Mainpiece at top pintle	NO MAIN PIECE			
" " heel				
" how constructed	FORGED HEAD, CAST STEEL COUPLING &			
" double or single plates	TOP GUDGEON & 50 DOUBLE PLATES			
" coupling, vertical or horizontal	VERTICAL.			

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks ✓						
"	" Second "	✓				
"	" Third "	✓				
"	" Holds 64.....	✓	38-26 11 x 3 1/2 x 50 BA.	30"	✓	
COLLISION .. (in Hold)		✓	53-34 10 x 3 1/2 x 43 BA.	24"	✓	2 SEMI-BOX BEAMS ✓
AFTER PEAK .. , ,		✓	44-30 6 x 3 x 38 BA.	24	✓	TUNNEL RECESS + 2 SEMI-BOX BEAMS. ✓

STEEL.

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

COLVILLES, STEEL CO OF SCOTLAND, LANARKSHIRE

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

EQUIPMENT No 36330 ✓										LETTER Z ✓		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.
39589	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	BYERS IMPROVED	PER W.L. BYERS & CO	SUNDERLAND 16/3/40 W.V. NORMAN
39534	2nd „ ...	63	3	21	Stock LESS			50	10	0	0	63 3/4 ✓	„	Do	„ 28/8/40 „
	3rd „ ...	63	3	14	-Do-			50	10	0	0	63 3/4 ✓	„	Do	„ 28/8/40 „
	Collective weight.	127	3	7								54 1/2 ✓			
98888	Stream	17	3	0	4	2	5	18	16	1	0	17 1/2 ✓	ORDINARY F&D WROT IRON	S. TAYLOR & SONS, NETHERTON	24/40 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.	Length.	Diam.	Length.	Cir.					Length.	Cir.				
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
112,322	270 ⁵ / ₁₆	1 ¹⁵ / ₁₆	94.5	130.3	544.2	2	10	682 ¹ / ₄	270 ⁵ / ₁₆	2 ⁷ / ₁₆	STUB LINK TAYCO	S. TAYLOR & SONS	NETHERTON 5/40	J. A. RELF	TOWLINE...	120	5" (6x12)	52.8	120	5" (6x12)
									270 ¹⁵ / ₁₆		TAYCO				HAWSERS & WARPS	2@90	2 ³ / ₄ (6x12)	15.2	2@90	2 ³ / ₄
															"	2@90	2 ¹ / ₂ (6x12)	13.2	2@90	2 ¹ / ₂
Stream Steel Wire	90	4 ³ / ₄ (6x12)		47					90	4 ³ / ₄ (6x12)					"					

Steering Gear, Type (Power ~~Two Ram Steam Hydraulic~~ By HASTIE & CO GREENOCK Alternative Means of Steering BLOCKS & TACKLE LED TO AFTER WINCH

Steering Chains (Size and Test) TELE MOTOR CONTROL. Windlass STEAM By EMERSON, WALKER. Boats 2-25' LIFEBOATS. 2-16' DINGHYS

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

Cargo Hatchways.—(Upper Deck) CORRUGATED 36" HIGH WITH NELSON PATENT WEBS thickness of Hatches 3" RED PINE ON UPPER DECK

Size of Hatchways No. 1 (Fwd.) 29' 3" x 22' No. 2 30' x 22' No. 3 25' x 20' No. 4 30' x 22' No. 5 31' x 22' No. 6

Number of Shifting Beams and for Fore and Aft } NO. 1, 2, 4 & 5 = 5 WEBS : NO. 3 = 4 WEBS.

Builder's Signature

LITHGOWS LIMITED

J. Wyllie

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 YES (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 & in general conformity with the Shipbuilding Rules for the class contemplated.

The materials & workmanship are of good quality.

The fire & after peak tanks, double bottom tanks & oil fuel bunkers have been tested as required by the rules & found satisfactory.

The weather decks, watertight bulkheads, & tunnel were hose tested & found satisfactory.

The pumps, steering gear, windlass, W.T. doors, auxiliary steering gear & bilge suction were tried under working conditions & found satisfactory.

The freeboard has been verified & the marks cut in on the vessels sides.

Oil fuel F.P. above 150°F is carried in the oil fuel bunkers & in double bottom under boilers.

Sec 20 of the rules has been fully complied with.

Note! The spare bower anchor has not been supplied.

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for,

Special Survey Fee

£ 300 : 12 : 0

FREEBOARD.

15 : 0 : 0

Travelling Expenses, if any £

✓

29th JUNE 1940.

Received by me,

5th July 1940

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

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

Signature

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

State whether the Vessel has been built under Special Survey YES

Certificate to be sent to GREENOCK OFFICE Date of issue 11/7/40

Committee's Minute

GLASGOW

2 JUL 1940

J.A.H.

Character assigned

-1- 100 A.1

with freeboard

6.40

-1- Linc 6.40

Lloyds Assoc

Fitted for oil fuel

Y.P.

above 150°F



© 2020

Lloyd's Register Foundation

0278 212

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 Midships Section & Profile & decks as built have already been forwarded & the approved plans & forging reports are forwarded as per attached list.

PARTICULARS OF ELECTRIC WELDING (if employed) HEADS & HEEL OF SOLID PILLARS, CORNERS OF TANK ENDS & BULKHEADS CRUISER STERN SEAMS & BUTTS AS APPROVED, BOSS PLATE & FLOORS AS APPROVED. Second deck stringer plate to shell

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book LLOYDS A & C.P.: FITTED FOR OIL FUEL F.P. ABOVE 150°F. :

D. F.: E. S. D.: CRUISER STERN:

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

1st Bower 41-3-0 : J.D. : 2585 : 24/40.
2nd „ 41-2-0 : J.D. : 2573 : 29/40.
3rd „ ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 35.6 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 165,975.

Signal Letters

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 426.6 (Circ. 1703)

No. and Material of Decks

1 DK & SHELTER DK.

Parts of Bottom of Vessel coated with cement or approved composition

CEMENT IN DOUBLE BOTTOM EXCEPT WHERE OIL FUEL IS CARRIED & IN PEAKS.

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,	125	324	Fore peak tank,		119
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,		173
Double bottom, if under Engines only,	25	104	Deep tank, aft,		
Double bottom, if under Boilers only,	40	173	Deep tank, forward, (OIL FUEL BUNKER)	20	730
Double bottom, forward,	153.2	483	Other tanks, if fitted,		
Total length (if continuous) and Capacity	348.2	1084	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3460.

Date 22ND DECEMBER 1939

Dates of Surveys held while building

(1939) SEPT. 7. 13. OCT. 31. NOV. 2. 6. 8. 9. 10. 13. 16. 29. DEC. 4. 8. 11. 15. 21. (1940) JAN. 5. 10. 12. 16. 18. 25. 26. FEB. 5. 14. 24. MAR. 4. 14. 19. 28. APR. 3. 5. 9. 10. 11. 12. 13. 17. 18. 20. 21. 22. 24. 26. 29. 30. MAY 1. 2. 3. 15. 14. 20. 23. 24. 24. 31. JUNE 3. 4. 5. 6. 11. 12. 14. 18. 20. 21. 24.

Total No. of Visits 64