

STEEL STEAMER or ~~MOTORSHIP~~.

Received at London Office 9 FEB 1927

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 24th January, 1927Port of GREENOCKNo. 18650Survey held at PORT GLASGOWDate First Survey 9th September, 1925 Last Survey 24th January, 1927On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAMER "NEWBURY"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLINGState Type of Erections POOP, BRIDGE & FOLETONNAGE under Tonnage Deck... 4794.60CLASS * 100A1State if with freeboard as condition of Class NoBuilt 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 401.54Launched DEC 21st 1926 Yard No. 369

Total

Breadth (greatest moulded) B 52.73Builders ROBERT DUNCAN & CO LTDGross Tonnage 5102.27Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 30.00Owners ALEXANDER SHIPPING CO LTDRegister Tonnage 3196.021st Longitudinal Number (L x D) = 12046.20Managers CAPPER ALEXANDER & CO

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

2nd Numeral L x (B + D) = 33219Residence LONDON

REGISTERED DIMENSIONS.

FEET.

Length 404.9Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.96Port of Registry LONDONBreadth 53.0Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.38

If surveyed while building, afloat, or in dry dock

Depth 27.55Do. Long Bridge to top of keel 10.73Draught Moulded 24-4 3/4BUILDING & 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	28"		Bracket Floors, Frame	L 8 1/2 3/2 .44	
" " from 1/2 length to Collision bulkhead	27"		" " Reversed Frame	L 8 3 .44	
" " in peaks	24"		" " Vertical Struts	26" x .39 PLATE	
DE FRAMING.			Centre Girder, depth and thickness amidships	4" .53	
Frame Amidships, Angle, E or C	10 1/2 3/2 .42		" " top Angles	3 1/2 3/2 .50	
" " Extends up to	2nd DECK		" " bottom Angles	4 4 .56	
Reversed Frame Amidships, Angle	NIL		Side Girders, No. each side and thickness	1 @ .39	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	4" .50	
Depth of Framing Girder	10 1/2		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 6 .44	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	7 x 3 1/2 x 37		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 6 .44	
" " Second 'tween Decks, Angle, E or C	ALT To POOP, BRIDGE & FOLE		" " Gussets, spacing and scantling abaft 1/4 len. from stem	No GUSSETS. APPROVED RIVETS FITTED IN VERT. ANG. AS APPROVED	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem	67 .44	
Framing in Peaks, Angle, E or C	7 1/2 3 .37		Tank Side Brackets, height above base line at toe of Frame and thickness	67 .44	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" ABOUT 6 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	YES.		Breadth and thickness of Middle Line Strake	73 .48	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAMES & SIDE STRINGERS AS PER APPROVED PLAN		Thickness of remainder in Holds	.42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE FRAMES & ADDITIONAL INTER-GIRDERS AS PER APPROVED PLAN		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.	
DOUBLE BOTTOM.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships		
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, E or C	6 3 1/2 .44	
Mid-line Keelson, on Floors, Angles, E or C			" " in way of Bridge, Angle, E or C	6 3 .40	
" " Through Plate or Intercostal Plate			Spacing	EVERY FRAME	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or C	6 1/2 3 .40	
" " Flat Plate Keel Angles			Spacing	EVERY FRAME	
Keelsons, No. each side			Third Deck, amidships, Angle, E or C	✓	
" " thickness of Intercostal Plate			Spacing	✓	
" " Angles			Fourth Deck, amidships, Angle, E or C	✓	
BOTTOM.			Spacing	✓	
Frames, thickness and spacing	39 EVERY 3rd FRAME		Poop Deck, Angle, E or C	6 1/2 3 .36	
" " Are Frame and Reversed Frame joggled?	YES.		Spacing	EVERY FRAME	
Bracket Floors, breadth and thickness at middle line	43 .39		Bridge Deck, Angle, E or C	6 3 .40	
" " breadth and thickness at margin plate	48 .39		Spacing	EVERY FRAME	
			Forecastle Deck, Angle, E or C	7 3 .36	
			Spacing	EVERY FRAME	

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	THREE ROWS.				
" in 'tween Decks, Size and Spacing	TWO DEEP GIRDERS AND				
" " " " "	WIDE SPACED PILLARS				
" in Holds	AS PER				
" " " " "	APPROVED PLAN				
Centre Line Bulkhead.	AND SOLID PILLARS				
Stiffeners and Spacing.....	REELED AT				
	CENTRE LINE				
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	84 x .87				
" " " " in way of Bridge	84 x .40				
" Angle in Wells	6 6 .87				
Thickness of Plating abreast Deck openings } in way of Wells .....	.79				
Thickness of Plating abreast Deck openings } in way of Bridge .....	.39				
Thickness of Plating within line of openings...	.40				
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells...	47 .40				
Stringer Plate, breadth and thickness in way of Bridge	47 .36				
Thickness of Plating abreast Deck openings } in way of Wells .....	.42				
Thickness of Plating abreast Deck openings } in way of Bridge .....	.32				
Thickness of Plating within line of openings...	.32				
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				
Plating, Sheathing , material and thickness ...	.30 STEEL.				
Bridge Deck.					
Stringer Plate, breadth and thickness.....	81 x .50 .44				
Plating, Sheathing , material and thickness ...	.38 STEEL				
Forecastle Deck.					
Stringer Plate, breadth and thickness	34 .30				
Plating, Sheathing, material and thickness ...	STEEL Dk .26 SHEATHING WITH 2 1/2" P.P.				

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <u>No.</u>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.				Inches.			Inches.	
FLAT PLATE KEEL	49	.78 ✓	.68 ✓	.68 ✓		DOUBLE	1"	4.0	FOUR	1"	4"	LAPPED
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes	THREE	.60 ✓	.60 ✓	.50 ✓		---	7/8	3 1/2	THREE	7/8	3 1/8	"
BILGE PLATING, No. of Strakes	ONE	.60 ✓	.46 ✓	.48 ✓		---	"	"	"	"	"	"
SIDE PLATING, No. of Strakes	THREE	.60 ✓	.44 ✓	.44 ✓		---	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	66	.88 ✓	.44 ✓	.44 ✓		---	1"	4"	FIVE	1"	4"	"
UPPER DECK, Sheer-strake in Bridge ...	66	.60 ✓				---	7/8	3 1/2	THREE	7/8	3 1/8	"
STRAKE BELOW Sheer-strake in Wells.....	84	.70 ✓	.44 ✓	.44 ✓		---	1"	4"	FOUR	1"	4"	"
STRAKE BELOW Sheer-strake in Bridge ...	84	.60 ✓				---	7/8	3 1/2	THREE	7/8	3 1/8	"
POOP SIDE PLATING .....				.38 ✓		SINGLE	"	"	SINGLE	3/4	2 5/8	"
BRIDGE SIDE PLATING ...	75	.57 ✓				DOUBLE	"	"	TREBLE	7/8	3 1/8	"
FORE'C'TLE SIDE PLATING			.40 ✓			SINGLE	"	"	SINGLE	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	SIX
Extending to Upper Deck (Sec. 3 c)	FIVE
„ Deck next below	ONE
As per Rule	SIX

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	ALFRED HICKMAN
STERN FRAME } Propeller Post	✓	CAST ✓	10 1/2 x 7 3/4	OTTO GRUSON
	✓	STEEL ✓	9 x 7 3/4	& Co.
RUDDER—A x D.....	✓	441		
Speed of Vessel.....	✓	UNDER 12 KNOTS.		
RUDDER mainpiece at head ...	FORGING ✓	10"	SKODA	
" " heel ...	" ✓	7 1/2"	LIE	
" how constructed		BUILT FORGING		
" double or single plate		SINGLE	1-08	
" coupling, vertical or horizontal		VERTICAL		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (OPEN HEARTH PROCESS).
SKINNINGROVE STEEL CO OF SCOTLAND, LANARKSHIRE, CONSETT, BALCKOW YAGHAN, COLVILLE, BEARDMORE, STEWART & LLOYDS, D'ATHUS GRIE
PHOENIX.
Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 34735										LETTER y	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.			
59141	1st Bower ...	61	3	10	Stockless.			49	6	3	14	60	BYERS TYPE	S. TAYLOR & SONS	TIPTON 4/11/25 W. A. DRYSDALE
59140	2nd „ ...	61	0	18	---			49	0	2	14	60	" "	" "	" " "
59142	3rd „ ...	51	0	21	---			43	1	2	7	50 1/2	" "	" "	" " "
	Collective weight.	174	0	21								170 1/2			
59202	Stream	16	3	21	4	1	11	18	2	3	7	16 1/4	ORDINARY	S. TAYLOR & SONS	" 23/11/25 "

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.	Statu- 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.	
3950	270	2 ³ / ₁₆	86 ¹ / ₈	120 ¹ / ₂	646	0	21	645 ³ / ₄	270	2 ³ / ₁₆	STUD LINK	S. TAYLOR & SONS.	GLASGOW 24/11/25 L. HAFNER	TOWLINE ...	120	4 ³ / ₄	47	120	4 ³ / ₄
													HAWSERS & WARPS		2@90	2 ³ / ₄	15 ¹ / ₂	2@90	2 ³ / ₄
													"		2@90	2 ¹ / ₂	12 ¹ / ₂	2@90	2 ¹ / ₂
From Stream Steel Wire	90	4 ³ / ₄		47					90	4 ³ / ₄				"					

Steering Gear, Steam By PORT GLASGOW ENGINEERING CO. Steering Gear, Hand RELIEVING JACKLE FITTED & WORKED FROM AFTER WINCH.

Boats 2@ 24' 4 2 @ 16' Steering Chains, Size and Test 1 7/16 DIA, 24 3/4 TONS TEST, 3/10/25. Windlass EMERSON, WALKER & THOMPSON.

Ceiling in Holds, thickness and material 2 1/2" W. P. OVER TANK TOP LIMBERS Cargo Battens, thickness, material and spacing 6x2" W. PIN HOLDS BETWEEN DECKS SPACED 3'

Cargo Hatchways.—(Upper Deck) PLATES & ANGLES 30"x 44 Thickness of Hatches 2 1/2" SOLID HATCHES.

Size of No. 1 Hatchway (Forward) 27' x 22'-6" No. 2 30'-4" x 22'-6" No. 3 25'-8" x 22'-6" No. 4 42' x 22'-6" No. 5 30'-4" x 22'-6" No. 6 ✓

Number of Shifting Beams ~~and/or Fore and Afters~~ N^o 1 = 5 ; N^o 2 = 5 ; N^o 3 = 4 ; N^o 4 = 8 ; N^o 5 = 5.

Builder's Signature *Robert Duncan & Co. Ltd*
per Alex Kelly

GENERAL DECLARATION 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 workmanship is good and the materials used in the vessels construction are good.

The freeboard has been verified and the marks cut in on the vessel's sides. The double bottom tanks, after peak tank, deep tank and the fore peak have been tested to rule requirements and found satisfactory.

The weather decks, W.T. Bulkheads and tunnel were hoist tested and found satisfactory.

A letter from the Owners regarding the omission of the Tween Deck Bulkhead in after hold is forwarded with this report.

The amount of Entry Fee £ 9 : 0 : 0 } Fees applied for,
Special Survey Fee £ 327 : 11 : 0 } 29. 1. 1927.
Freeboard 11 : 0 : 0 } Received by me,
Travelling Expenses, if any £ : : } 1- 2- 1927.

I am of opinion the Vessel should be Classed **+100 A.I.**
INT. TWEEN DK BHD IN AFTER HOLD
DISPENSED WITH.
SBHDS To Upper DK. 1 BH To 2nd DK

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

Signature *Kenneth Inglis*
Surveyor to Lloyd's Register of Shipping.

Hull & machy via G.L.S.
Certificate to be sent to GREENOCK OFFICE Date of issue 10/2/27

Committee's Minute **GLASGOW 8 - FEB 1927**

Character assigned **-i- 100 A.I**

1, 27.

Lloyd's A & C

+ LMC 1.27

*Int. Tween DK. BHD in after hold dispensed with
5 BH. to Upper DK. 1 BH to 2nd DK*

SP



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Lloyd's Register
Foundation

W1152-0029 1/2

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.)

This vessel is a sister vessel of the S.S. "Erica". R. Duncan & Co's No 368 & Greenock first entry report No 18499.

The following plans are herewith enclosed together with the midship section and profile & Dks as built and forging reports on Stern frame, Rudder, Stern & Quadrant.

1. Midship Section.
2. Profile & Deck plans.
3. Pillars & Girders.
4. Pumping arrangement.
5. Modification to 2nd Deck girders.
6. Bolted plate to coal trunk.
7. Second dk in way of Engine & Boiler casing.
8. Amended arrangement of Upper Deck plating.
9. Strengthening at bridge ends.
10. Fore & After peaks & fore end strengthening.
11. Centre line bulkhead.
12. Lower Dk pillars.
13. Rudder & Stern frame.
14. Deep tank, W.T. Bulkheads & Shaft Tunnel.

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

1st Bower 38.1.27 : J.D. : 3240 : 31/3/19.
2nd „ 37.1.24 : J.D. : 3167 : 13/3/19.
3rd „ 28.1.7 : D.D.W. : 1406 : 26/11/18

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 35.5 ft., R.Q.D. ☒ ft., Bridge 128.4 ft., Forecastle 40.62 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)

2 Dks (Stl)

Official No. 149,773 ; Signal Letters

Is bottom of Vessel coated with cement ☒ YES. if not give

particulars of composition SHELL PLATING IN DOUBLE BOTTOM ENTIRELY COVERED WITH CEMENT

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	133	397	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	21	82	Deep tank, aft,	30.33	200
Double bottom, if under Boilers only Dry Tank. W.T. Comp.	18.6		Deep tank, forward,		860
Double bottom, forward,	177.5	561	Other tanks, if fitted,		
	Total capacity of double bottom	1040	(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. 3160

Date 24.9.25.

Dates of Surveys held while building

(1925) Sept. 9. 18. 24. 30. Oct. 6. 21. 26. 29. Nov. 3. 16. 25. 30. Dec. 11. 14. 21. 22. 23. (1926) Jan. 5. 21. 28. Feb. 16. 18. 25. Mar. 9. 12. 16. 24. Apr. 1. 16. 19. 23. 24. May 3. 6. 10. 13. 14. 24. June 2. 4. 7. 8. 11. 16. 18. 21. 23. 24. 29. July 20. 29. Aug. 5. 10. 31. Sept. 28. Oct. 13. 25. 26. Nov. 1. 4. 8. 10. 11. 18. 23. 25. 26. 29. Dec. 1. 3. 6. 9. 10. 14. 14. 21. 23. (1924) Jan. 7. 11. 14. 21. 25. 27.

Total No. of Visits 82.