

STEEL ~~STEAMER~~ MOTORSHIP.

18 APR 1931

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

Date of completion of report 16th April 1931

Port of Newcastle-on-Tyne

No. 87042

Survey held at Newcastle-on-Tyne Date First Survey

28 Jan 1930

Last Survey

16 April

1931.

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

(machinery fitted aft)

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

Full scantling

State Type of Erections Disconnected

TONNAGE under Tonnage Deck

7269.35

CLASS 100A1

State if with freeboard as condition of Class

no

Built at Walker-on-Tyne

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 460.0

Launched 19th Dec 1930 Yard No. 1068

Total

Breadth (greatest moulded)

B 59.58

Builders Sir W. G. Armstrong Whitworth & Co. (Shipbuilders) Ltd

Gross Tonnage

7910.29

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

D 33.58

Owners Carl Beck

Register Tonnage

4718.99

1st Longitudinal Number (L x D)

15447

Managers

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

2nd Numeral L x (B + D)

42854

Residence Lvedestrand

REGISTERED DIMENSIONS.

FEET.

Length

461.0

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

-

Breadth

59.8

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

13.70

Port of Registry Lvedestrand

Depth

33.9

Do. Long Bridge to top of keel

-

If surveyed while building afloat, or in dry dock

Brought Moulded

25'-9 3/4"

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	Longitudinal		Bracket Floors, Frame		
" " from 3/4 length to Collision bulkhead	28 1/2		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	Longitudinal		" " top Angles		
" " Extends up to			" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward 1/4 len. from stem		
Framing in Peaks, Angle, [or]	8 3 1/2		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	-		abaft 1/4 len. from stem		
State if Frame Joggled	-		" " Gussets, spacing and scantling		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Rough framing		forward 1/4 len. from stem		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Soil tight flat		Tank Side Brackets, height above base line at toe of Frame and thickness		
SINGLE BOTTOM.	3 strakes bottom plating midships		INNER BOTTOM PLATING.		
Floors, Depth and thickness at mid-line in Holds			Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame			Thickness of remainder in Holds		
Middle Line Keelson, on Floors, Angles, [or]			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?		
" " Through Plate or Intercostal Plate			BEAMS.		
" " Foundation Plate on Floors			Uppermost Continuous Deck, amidships	Longitudinal	
" " Flat Plate Keel Angles			" " in Wells, Angle, [or]		
Side Keelsons, No. each side			" " in way of Bridge, Angle, [or]		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Second Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	in engine space as per plan		Third Deck, amidships, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Fourth Deck, amidships, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		
			Poop Deck, Angle, [or]	7 1/2 3 35	(see plan)
			Spacing		
			Bridge Deck, Angle, [or]	9 3 42	
			Spacing		
			Forecastle Deck, Angle, [or]	7 1/2 3 35	
			Spacing		

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.....	-				Stringer Plate, breadth and thickness in way of Bridge	-			
„ in 'tween Decks, Size and Spacing.....	-				Thickness of Plating abreast Deck openings in way of Wells		43		
„ „ „ „ „ <i>Centre line</i>					Thickness of Plating abreast Deck openings in way of Bridge	-			
„ in Holds „ „ <i>bulkhead</i>					Thickness of Plating within line of openings...		43		
„ „ „ „ „	-				If Sheathed, material and thickness	-			
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	7	9	3	61 <i>spaced 30"</i>	Stringer Plate, breadth and thickness.....				
Plating, thickness of		48	43		If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells		65½	72		If Plated, state thickness				
„ „ „ „ in way of Bridge		-			Poop Deck.				
„ Angle in Wells	6	6	72		Stringer Plate, breadth and thickness		37	36	
Thickness of Plating abreast Deck openings in way of Wells			62		Plating, Sheathing, material and thickness ...		40		in way of oil
Thickness of Plating abreast Deck openings in way of Bridge		-			Bridge Deck.				
Thickness of Plating within line of openings...			62		Stringer Plate, breadth and thickness.....		42	42	
If Sheathed, material and thickness		-			Plating, Sheathing, material and thickness ...			34	
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...		57½	46		Stringer Plate, breadth and thickness.....		43	36	
					Plating, Sheathing, material and thickness ...			36	

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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.		Inches.	Inches.	
FLAT PLATE KEEL	53	.98	.78	.78		Double	1	4	5	1 1/8	5	Lapped
„ DBLG. (if any)	A, B and C strakes midship thickness (.71) to collision bh ^d .											
BOTTOM PLATING, No. of Strakes 5	ABCE	.64	.52	.52		Double	7/8	3 1/2	4	7/8	3 1/2	„
BILGE PLATING, No. of Strakes One		.64	.52	.52		„	„	„	4	„	„	„
SIDE PLATING, No. of Strakes 4	CHJK	.62	.49	.48		„	„	(4)	4	„	„	„
UPPER DECK, Sheer- strake in Wells	M	60	.92	.58	.48	„	1	(4)	5	1	4 1/2	„
UPPER DECK, Sheer- strake in Bridge ...		10	.10			„	1	(4)	Plans 5	1 1/8	5 1/16	„
STRAKE BELOW Sheer- strake in Wells	L	63 1/2	.84	.49	.48	„	1	(4)	4	1	4	„
STRAKE BELOW Sheer- strake in Bridge ...	Plating increased in way of transverse framing as per approved plans.											
POOP SIDE PLATING .....			.62	.40		Dbl and sgl.	7/8	3 1/2	2	7/8	3 1/8	„
BRIDGE SIDE PLATING ...	50	.42				Single	3/4	3	2	3/4	2 5/8	„
FOREC'TLE SIDE PLATING			.42			„	„	„	1	„	„	„

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		17	(see pumps)			
Deck next below		-				
As per Rule		17				
MIDSHIP BULKHD, Upper tween decks		.34	6½" x 3"	.36	30	
"	" Second "					
"	" Third "					
"	" Holds .....	.50	42" webs each side	9" x 3" x 44"	30	
COLLISION	" (in Hold) .....	.53	30" centre line bh.	10" x 3½" x 40"	24	
AFTER PEAK	" " .....	.50	26	-	8½" x 3" x 50"	24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		-		
STEM		$10 \times 2\frac{3}{4}$		
STERN FRAME {	Propeller Post	Forging	$10\frac{1}{2} \times 9$	25 Co
	Rudder "	"	9×9	Pilsen
RUDDER—A × D		79.7		
Speed of Vessel $11\frac{1}{2}$ knots				
RUDDER mainpiece at head ...		$14\frac{1}{8}$	do-	
" " heel ...		$10\frac{1}{2}$	do-	
" how constructed		Forged & built		
" double or single plate		single		
" coupling, vertical or horizontal		Horizontal		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Dorman Long, Consett, S. Durham, Frodingham, Chiville, Cargo Fleet, Partington, Appleby, Skinningrove.*
(*Open hearth process*)
Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No 44237										LETTER C+		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.			
64457	1st Bower	76	3	10	-	-	-	57	5	0	0	77	Byer's stockless	Layton & Son	T. 1/1/31 W.A. Drysdale
64456	2nd "	76	3	7	-	-	-	57	5	0	0	77	"	"	" " " "
64422	3rd "	66	2	4	-	-	-	51	16	1	0	65½	"	"	T 18/12/30 " "
	Collective weight.	220	0	21								219½			
46068	Stream	22	0	12	5	3	0	22	9	1	14	22	Rodgers	-	C.H. 29/1/31 S.C. Paul

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.	
	Fathoms.	Ins.	Statutory.	Breaking.	Supplied.	Per Rule.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
45446	270	2 7/16	106 2/10	149 5/8	801-2-6	890 1/4	300	2 7/16	Steel	-	C.H. 19/12/30 S.C. Paul	TOWLINE...	130	5 3/4	91.5	130	5 1/4
45632	30	"	"	"	90-1-21				"	-	C.H. 29/1/31 S.C. Paul	HAWSERS & WARPS	100	5	59940	4-100	2 3/4
	300												2-100	3	18-6		
	120	5		Kilos 59940			120	5					2-100	2 3/4	15-2		

Steering Gear, Steam *Wilson-Petrie* Steering Gear, Hand *Blocks & Tackles*
 Boats 2 lifeboats and 2 dinghys Steering Chains, Size and Test *-* Windlass *Clarke Chapman*
 Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*
 Cargo Hatchways.-(Upper Deck) *Steel plates & angles* Thickness of Hatches *Steel plate*
 Size of No. 1 Hatchway (Forward) *11'-0" x 15'-1"* No. 2 *and* No. 3 oil tight No. 4 hatches No. 5 No. 6
 Number of Shifting Beams and/or Fore and Afters *✓*

For
SIR W. G. ARMSTRONG, WHITWORTH & CO. (SHIPBUILDERS), LTD.

Builder's Signature

MANAGING DIRECTOR.

GENERAL DECLARATION. It should be stated (a) whether the vessel 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 *✓* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans with instructions as per Secretary's Letters, as well as with the Printed Rules. The materials & workmanship are good. All the oil tanks, cofferdams, bunkers, peak, deep & double bottom tanks have been tested as required by the Rules. The weather decks & W.T. bulkheads above the tanks have been satisfactorily tested. The approved plans (21 in number) also plans of midship and profile & decks of the vessel as built are forwarded herewith.

Oil fuel is carried in the bunkers &c as per pumping arrangements plan - F.P. above 150°F.

This vessel is similar to the same Builders M.V. "Attila" Rwr. Rpt No-86497.

The amount of Entry Fee £ 10 : 0 : 0

Fees applied for.

17 APR 1931

Special Survey Fee.... £ 596 : 12 : 6

Received by me,

Freeboard
~~Provisional Expenses, if any~~ £ 13 : 0 : 0

24. 4. 31

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

Carrying petroleum in bulk

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

Signature

J. MacDonald
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Newcastle-on-Tyne

Date of issue

1/5/31

Committee's Minute

FRI. 24 APR 1931

Character assigned

+100A1

Carryg. Petrol. in Bulk

+ L. No. 4.31

C.L.

Lloyd's A.C.P.

Oil Eng.

2 L.P. 150 lb.

The surveyors are requested not to write on or below the Committee's Minute.



© 2020

Lloyd's Register
Foundation

002427-002434-0043 3

MOTORSHIP "ELISE" Newcastle-on-Tyne No. 87042

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			aft ENDS.			AMIDSHIPS.			aft ENDS.			RIVETING.		Rivets in Brackets to Bulkheads.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.			
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam. Ins.	Speng. Ins.	Inches.	Number.	Diameter. Inches.	
Framing of []																			
Frames in Bridge 'tween Decks ...																			
Frames from Uppermost Continuous Deck No. 1		7	3½	.44	6	3½	.47	7	3½	.44	6½	3½	.36	7/8	5¼		7	7/8	
" 2		"	"	"	"	"	"	"	"	"	"	"	"	"	"		"	"	
" 3		"	"	"	2 nd Deck			"	"	"	2 nd Deck			"	"		"	"	
" 4		8	"	.41	7	3½	.44	8	"	.41	7	3½	.44	"	"		8	"	
" 5		8½	"	.43	7	"	.53	8½	"	.43	7½	"	.44	"	"		9	"	
" 6		8½	"	.50	8	"	.44	8½	"	.50	8	"	.44	"	"	4" for 9	"	"	
" 7		9	"	.44	8½	"	.40	9	"	.44	8½	"	.40	"	"	"	"	"	
" 8		9½	"	.42	8½	"	.46	9½	"	.42	8½	"	.46	"	"	"	10	"	
" 9		9½	"	.46	9	"	.40	9½	"	.46	9	"	.40	"	"	3½" for 9	"	"	
" 10		9½	"	.52	9	"	.44	9½	"	.52	9	"	.44	"	"	"	"	"	
" 11		10	"	.46	9	"	.48	10	"	.46	9	"	.48	"	"	"	"	"	
" 12		12x4x4	"	.50	9½	"	.44	12	"	.48	9½	"	.44	"	"	"	16	"	
" 13		12x4x4	"	.475				12x4x4	"	.475				"	"	"	16	"	
" 15																			
" 16																			
Spacing of Longitudinal Frames		Amidships 30			At Ends 30			Amidships 30			At Ends 30								
Double Bottoms [] or []																			
Tank Top Longitudinals																			
Bottom																			
Spacing of Longitudinals																			
Amidships																			
At Ends...																			
Transverses.																			
In Bridge 'tween Decks																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell																			
In Upper 'tween Decks																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell																			
In Hold.																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell																			
Back Bars																			
Brackets																			
Spacing of Transverse Frames		as per profile																	
State if joggled or liners.																			
Longitudinal Beams of [] or []																			
Bridge Deck		Transverse																	
Upper		6½ 3 .42 Transverse 6½ 3 .42 Transverse 30 17½x40 flanged 17½x40 flanged																	
Second		7½ 3 .39 -do- 7½ 3 .39 -do- 30 22x40 6x3½x54 22x40 6x3½x54																	
Third																			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

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

1st Bower *51 cwt 2 qrs 26 lbs M.B. HP-4131 26/3/30.*
2nd „ *51 " 1 " 16 " M.B. HP-4132 26/3/30.*
3rd „ *42 " 2 " 6 " A.B. HP-6131 30/6/30.*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *108* ft., R.Q.D. — ft., Bridge *29* ft., Forecastle *39.7* ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not connected*

No. and Material of Decks (*this information is to be given as it should appear in the Register Book*) *2 D^{ns} (stl) live frames.*

Official No. _____; Signal Letters _____ Is bottom of Vessel coated with cement *partly* if not give
particulars of composition _____

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>Seed water</i>	<i>21.6</i>	<i>32.4</i>	Fore peak tank,	<i>23.7</i>	<i>134.0</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>35.7</i>	<i>179.0</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	<i>37.0</i>	<i>181.2</i>	Deep tank, forward,	<i>38.0</i>	<i>387.0</i>
Double bottom, forward,	<i>59.6</i>		Other tanks, if fitted, <i>upper fore peak</i>	<i>24.3</i>	<i>81.6</i>
Total capacity of double bottom		<i>213.6</i>	(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. *5403*

Date *15.1.30.*

Dates of Surveys
held while building

*1930 Jan. 28. Apr. 10. 28. May 1. 5. 7. 9. 13. 15. 23. 27. 30. June 4. 12. 17. 18. 20. 30. July 3. 9. 10. 14. 16. 18. 23. 28. 30. Aug. 1. 6. 7.
15. 19. 21. 25. 26. Sept. 2. 4. 8. 10. 12. 16. 19. 23. 25. 26. 30. Oct. 1. 3. 6. 7. 8. 9. 13. 14. 15. 16. 20. 21. 22. 24. 27. 28. 29. 30. Nov. 3. 5. 6. 10. 11. 12. 13. 14. 17. 18. 19. 20.
1931
21. 24. 25. 26. 27. 28. Dec. 1. 2. 3. 4. 5. 8. 9. 10. 12. 15. 19. 21. *1931* Jan. 5. 10. 16. 17. 18. 23. 24. 26. Mar. 2. 3. 4. 5. 6. 12. 13. 16. 19. 23. 26. Apr. 16.*

Total No. of Visits *114*