

State if Report is sent on the Machinery of the Vessel

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling without Tonnage opening State Type of Erections Post, Bridge, & Hel

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

Gross Tonnage 4962.78

Register Tonnage 3039.52

FEET.

Breadth 53.2

Depth 26.95

Length from fore part of stem to after part of stern }
post on summer L.W.L. See Sec. 3 (1a) } L 399.66

Breadth (*greatest moulded*) B 53.00

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 29-62

1st Longitudinal Number (L x D).....= 11828

2nd Numeral $L \times (B + D) \dots\dots\dots = 33020$

Framing Depth "d," at middle of length. See } 23.83
Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 13.49

Do. Long Bridge to top } 10-62
of keel }

Draught Moulded 24.0 Draught Channels 24.2 1/2

Built at Dumbarton

Launched September 3rd 1924 Yard No. 636

Builders *A. McMillan Son Ltd.*

Owners *Dalglish S.S. Co. Ltd.*

Managers *R. S. Dalglish*
(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry *Newcastle*

If surveyed while building, afloat, or in dry dock

Surveyed while breaming & afloat - the dry dock

	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	10	3 1/2	53	
" " from 1/2 length to Collision bulkhead.....	27				" " Reversed Frame	9 1/2	3 1/2	55	9 1/2 x 3 x 55
" " in peaks.....	24				" " Vertical Struts	9 1/2	3 1/2	55	9 1/2 x 3 x 55
SIDE FRAMING.					Centre Girder, depth and thickness amidships	46		53	
Frame Amidships, Angle, [or]	12 x 3 1/2 x 66	3 1/2	57	Motor Room	" " top Angles	3 1/2	3 1/2	50	
" " Extends up to	12 x 3 1/2 x 3 1/2 x 54			Upper deck	" " bottom Angles	4	4	56	
Reversed Frame Amidships, Angle					Side Girders, No. each side and thickness	one		30	
" " Extends up to...					Margin Plate (excl. of flange) and thickness	62		51	50 x 51
Depth of Framing Girder	12				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6	6	42	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]					" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6	6	42	
" " Second 'tween Decks, Angle, [or]					" " Gussets, spacing and scantling abaft 1/4 len. from stem.....				
" " Third " " " "					" " Gussets, spacing and scantling forward 1/4 len. from stem.....				
Framing in Peaks, Angle or [.....	7 1/2	3 1/2	36		Frame Tank Side Brackets, height above base line at toe of Frame and thickness			93	
Diameter and Spacing of Rivets through Shell Plating	7/8	5 1/4	spacing		INNER BOTTOM PLATING.				
State if Frame Joggled	Yes				Breadth and thickness of Middle Line Strake ...	76		50	50 x 50
PLATING ARRANGEMENTS (Sec. 7), state system and particulars)					Thickness of remainder in Holds			44	
TRENGTHENING OF BOTTOM FORWARD. State Particulars					Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?			Yes	
INGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds					Uppermost Continuous Deck, amidships in Wells, Angle, E or [.....	7	3 1/2	43	
Height of Brackets at side above base line at toe of frame					" " in way of Bridge, Angle, E or [.....	7 1/2	3 1/2	39	
Middle Line Keelson, on Floors, Angles, [or]					Spacing			30	
" " " " Through Plate or Intercoastal Plate... ..					Second Deck, amidships, Angle, E or [.....	7 1/2	3	39	
" " " " Foundation Plate on Floors					Spacing			30	
" " " " Flat Plate Keel Angles					Third Deck, amidships, Angle, [or]				
Side Keelsons, No. each side					Spacing				
" " thickness of Intercoastal Plate...					Fourth Deck, amidships, Angle, [or]				
" " Angles					Spacing				
DOUBLE BOTTOM.					Poop Deck, Angle, E or [.....	5 1/2	3	34	
Solid Floors, thickness and spacing	40	spacing	60		Spacing			24 x 30	
" " Are Frame and Reversed Frame joggled?	Yes				Bridge Deck, Angle, E or [.....	9	3	51	
Bracket Floors, breadth and thickness at middle line	34		40		Spacing			30	
" " breadth and thickness at margin plate.....	38 1/2		40		Forecastle Deck, Angle, [or]	6 1/2	3	44	
					Spacing			30 x 24	

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.)

List of Plans

Midship Section
Midship Section as built.
Profile & deck
Pellam & Gordon
Sternpost & Rudder
Strengthening of bottom forward
After port bulkhead
Engine Seating
Painting anyt. forward
Engine casing & houses
Deck plan
pumping plan
arr't of Cofferdam in S.B.

3 Torguis Reports.

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

1st Bower	40. 1-11 Incl. pins, C.B.	5689	30.5.1924
2nd "	39. 3-25 "	C.B.	5686 30.5.1924
3rd "	33. 3-21 "	MR.	382 21.25.3.1924

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.25 ft., R.Q.D. ft., Bridge 120.16 ft., Forecastle 33.66 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

one deck steel

Official No. 148102 ; Signal Letters

If bottom of Vessel has been coated Inside *Yes* give

particulars of composition *oil fuel tanks 2,3,4 (Boiled Oil) Water ballast in 1+5 Cornish Cofferdam cemented*
Piston Cooling water tank (Zincoline paint) Lubricating oil tank (Boiled Linseed Oil)

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130.0	498	Fore peak tank,		146
Double bottom, under Engines and Boilers, <i>Cofferdam</i>	22.6	110	After peak tank,		163
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, <i>from frame 73</i>	198.3	798	Other tanks, if fitted, <i>in double bottom (Piston cooling tank 7.5' x 7.5' x 7.5' Lubricating oil 7.5' x 7.5' x 7.5')</i>		23 16 1/2
Total capacity of double bottom		1496	(If necessary, furnish further information by sketch.)		
Total length of double bottom including 22.6 Cofferdam		350.75	See plan <i>Capacity of Cofferdam</i>		

Order for Special Survey No. 5601

Date 3.1.1924

Dates of Surveys held while building

1924 Jan 11.23.28.31 Feb 4.5.8.13.21.25 Mar 7.10.17.27 Apr 14.16 May 6.20.22.28 Jun 11.12.18.16.20.24, July 4.9.10.14.15.31 Aug 4.7.15.18.21.28 Sep 20 Oct 10.21 Nov 4.13.

Total No. of Visits 43

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