

STEEL STEAMER or MOTORSHIP.

Received at London Office - 4 MAR 1930

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

3rd March 1930

Port of

Sunderland.

No.

30300

30255

Survey held at

Sunderland

Date First Survey

14 August 1929

Last Survey

1st March 1930

On the

(State if Machinery fitted with and if Single, Twin or Triple Screw)

Single Screw

" ESSEX MANOR "

Machinery amidships

State Type

(Full scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure with Tonnage Opening

State Type of Erections

✓

TONNAGE under

4629.05

CLASS +100A1

State if with freeboard as condition of Class

Yes

Built at Sunderland.

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 404.5

Launched Dec 1st 1929 Yard No. 601

Total

Breadth (greatest moulded)

B 55.04

Builders Messrs Wm Joxford & Sons

Gross Tonnage

5001.23

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

D 35.66

Owners Messrs Meldrum & Son

Register Tonnage

3099.81

1st Longitudinal Number (L x D) = 14,424

Managers

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

2nd Numeral L x (B + D) = 36,690

Residence London.

REGISTERED DIMENSIONS.

FEET.

Length

405.5

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

23.41

Port of Registry London

Breadth

55.25

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

11.03

If surveyed while building, afloat, or in dry dock

Depth

25.20

Draught Moulded

24.44

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	31.	✓	Bracket Floors, Frame	B. 9. 6 3 1/2 40	
" " from 1/2 length to Collision bulkhead	27.	✓	" " Reversed Frame	B. 4. 5 1/2 3 40	
" " in peaks	24.	✓	" " Vertical Struts	E. 10x3 1/2 x 3 1/2 42.	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43x56.	
Frame Amidships, Angle E or [N.B.S.	12 3 1/2 56	✓	" " top Angles	3 1/2 3 1/2 54	
" " Extends up to	2 nd Deck.	✓	" " bottom Angles	4 4 60	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1-41.	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39x54.	
Depth of Framing Girder	12.	✓	" " Vertical Angle to Tank side	6 6 44	
Frames in Uppermost Continuous 'tween Decks, Angle E or [N.B.S.	6 3 1/2 34	✓	" " Bracket abaft 1/2 len. from stem	6 6 44	
" " Second 'tween Decks, Angle E or [✓		" " Vertical Angle to Tank side	6 6 44	
" " Third " " " "	✓		" " Bracket forward 1/2 len. from stem	6 6 44	
Framing in Peaks, Angle E or [N.B.S.	7 1/2 3 1/2 38	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2 3 1/2 44	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8-6"	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	6 6 60	
State if Frame Joggled	No.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	76"x48.	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Frames 15x44x65 N.B.S. 3 Side Stringers 140 44x65 52x3 1/2 x 42. 2 extra girders plan. 3 strakes next steel middle plates	✓	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars		✓	Breadth and thickness of Middle Line Strake	53x52.	
ANGLE BOTTOM.			Thickness of remainder in Holds	144.	
Floors, Depth and thickness at mid-line in Holds	✓		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.	
Height of Brackets at side above base line at toe of frame	✓		BEAMS.		
Middle Line Keelson, on Floors, Angles, [or [✓		Uppermost Continuous Deck, amidships in Way, Angle, E or [9 3 1/2 49	
" " " Through Plate or Intercoastal Plate	✓		" " in way of Bridge, Angle, [or [-	
" " " Foundation Plate on Floors	✓		Spacing	Every	
" " " Flat Plate Keel Angles	✓		Second Deck, amidships, Angle, E or [12x3 1/2 x 3 1/2 40	
Side Keelsons, No. each side	✓		Spacing	Every	
" " thickness of Intercoastal Plate	✓		Third Deck, amidships, Angle, [or [✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or [✓	
Solid Floors, thickness and spacing	41. Every 3'	✓	Spacing	✓	
" " Are Frame and Reversed Frame joggled?	No.	✓	Poop Deck, Angle, [or [✓	
Bracket Floors, breadth and thickness at middle line	33x41.	✓	Spacing	✓	
" " breadth and thickness at margin plate	33x41.	✓	Bridge Deck, Angle, [or [✓	
			Spacing	✓	
			Forecastle Deck, Angle, [or [✓	
			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.....	One		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	6x6x50L ² alternate		Thickness of Plating abreast Deck openings in way of Wells	✓	.39
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	Centre Line Bulkhead		Thickness of Plating within line of openings...	✓	.34
„ „ „ „ „	Bulb		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.	9x3x52B. 26		Third Deck.		
Stiffeners and Spacing.....	5x3x38B. 9		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	Every .30.		If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	6x3x56		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	6 6 .57		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells55		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.38		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	70x40		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? <i>6 ne edge Yes.</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	51½	.77	.67	.67		Double	1. 3½	4	1	4	Shaped.
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes	4	.59	.49	.49		Double	7/8 3½	3	7/8	3½	Shaped.
BILGE PLATING, No. of Strakes	1	.59	.49	.49		Double	7/8 3½	3	7/8	3½	Shaped.
SIDE PLATING, No. of Strakes	4	.59	.46	.46		Double	7/8 3½	3	7/8	3½	Shaped.
UPPER DECK, Sheer-strake in Wells.....	90	.65	.46	.46		Double	7/8 3½	4	7/8	3½	Shaped.
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Wells.....	78	.59	.46	.46		Double	7/8 3½	3	7/8	3½	Shaped.
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
POOP SIDE PLATING	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
FORECASTLE SIDE PLATING	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 1.

„ Deck next below 5.

As per Rule 6

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.		Spacing.		Scantlings.		Spacing.	
		Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.
MIDSHIP BULKHEAD, Upper tween decks	✓								
„ „ Second „	✓								
„ „ Third „	✓								
„ „ Holds		26	.39	12x31x31	26	30			
COLLISION „ (in Hold)		30	.41	9x3x38	24	8.0			
AFTER PEAK „ „		30	.34	7x3x38	24	8.0			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM		9x278 (welded)		
STERN FRAME { Propeller Post	Forging	10½x7¾	Is Foster	
{ Rudder „		9x7¾		
RUDDER—A x D		298		
Speed of Vessel		10 knots.		
RUDDER mainpiece at head ...		8 ¾x11 ¾	Is Foster	
„ „ heel ...		8 ¾		
„ how constructed		Double plate .36		
„ double or single plate		Partially balanced		
„ coupling, vertical or horizontal		Double		
		Horizontal		

STEEL.

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

Dorman Long, South Durham Steel Co, Bulchew Vaughan, Cargo Fleet

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

© 2019

Open Hearth process

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.)

PILLAR

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

1st Bower

42-0-19. Y. R. 392. 23.8.29.

2nd "

42-1-19. M. B. 4092. 9. 12. 29.

3rd "

36-0-17. M. B. 92. 24. 9. 29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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) 1 D¹ (STL) + Shelter D¹. (SEE)

Official No. 161371. Signal Letters
particulars of composition

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

PARTICULARS OF WATER BALLAST.—

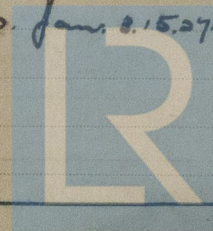
Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	116.25	351	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	43.90	195	After peak tank,	20.00	134.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	189.00	700	Other tanks, if fitted,		
	Total capacity of double bottom	1246	(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. 5724

Date 29. 7. 29

Dates of Surveys
held while building

1929. Aug. 14. 15. 20. 27. 29. Sep. 2. 4. 12. 19. 24. Oct. 2. 4. 10. 14. 15. 17. 21. 23. 25. 29. Nov. 5. 7.
11. 13. 18. 19. 21. 25. 27. 29. Dec. 4. 9. 17. 24. 30. 1930. Jan. 8. 15. 27. 31. Feb. 5. 6. 7. 13. Mar. 1



Lloyd's Register
Total No. of Visits 44