

20 OCT 1925

STEEL STEAMER or MOTORSHIP.

Received at London Office 24 OCT 1925

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 *Oct 20th 1925*Port of *Liverpool*No. *89215*Survey held at *Liverpool*Date First Survey *27th April/25*Last Survey *Oct 20th*

1925

On the (State if Machinery fitted Aft and

S/S "ELMFIELD" Machinery fitted aft - Single Screw

State Type (Full Scantling, Complete Superstructure

*Full Scantlings*State Type of Erections *File, Bdg, 1898*

TONNAGE under

*319.62*CLASS **100 A1*State if with freeboard
as condition of ClassBuilt at *Liverpool*Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

Total

RED DIMENSIONS.

FEET.

*142.5**25.95**11.5*Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)FEET.
L 142.00

Breadth (greatest moulded)

*B 25.83*Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)*D 12.50*

1st Longitudinal Number (L x D)

= 1775

2nd Numeral L x (B + D)

*= 5443*Framing Depth "d," at middle of length. See
Sec. 3 (1d)*11.17*Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel*11.36*Do. Long Bridge to top
of keel

Draught Moulded

*12.10*Launched *July 7th 1925* Yard No. *674*Builders *The Liverpool Shipbuilding & Engineering Co Ltd*Owners *General Shipping & Carrying Co Ltd*

Managers

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

Residence

Port of Registry *Liverpool*

If surveyed while building, afloat, or in dry dock

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.
Spacing amidships	<i>21</i>		Bracket Floors, Frame	<i>✓</i>	
" from $\frac{1}{2}$ length to Collision bulkhead	<i>21</i>		" " Reversed Frame	<i>✓</i>	
" in peaks	<i>21</i>		" " Vertical Struts	<i>✓</i>	
HING.			Centre Girder, depth and thickness amidships	<i>✓</i>	
amidships, Angle, <i>R. 9. 24</i> <i>14. 34</i>	<i>6 3 4</i> <i>5 3 36</i>		" " top Angles	<i>✓</i>	
" Extends up to	<i>upper deck</i>		" " bottom Angles	<i>✓</i>	
Frame Amidships, Angle	<i>3 3 3</i>		Side Girders, No. each side and thickness	<i>✓</i>	
" Extends up to	<i>across from</i> <i>5' 8 1/2"</i>		Margin Plate depth (excl. of flange) and thickness	<i>✓</i>	
Framing Girder	<i>5' 8 1/2"</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<i>✓</i>	
Uppermost Continuous 'tween Decks, Angle, [or]	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<i>✓</i>	
Second 'tween Decks, Angle, [or]	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<i>✓</i>	
Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	<i>✓</i>	
Peaks, Angle <i>or 2</i>	<i>4 3 36</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>✓</i>	
and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>3 4 5 4</i>		INNER BOTTOM PLATING.		
Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake	<i>✓</i>	
ARRANGEMENTS (Sec. 7), state system and particulars	<i>✓</i>		Thickness of remainder in Holds	<i>✓</i>	
ENING OF BOTTOM FOR	<i>double frames and</i> <i>additional Keelson</i> <i>forward of $\frac{1}{2}$ length</i>		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?	<i>✓</i>	
State Particulars			BEAMS.		
TOM.			Uppermost Continuous Deck, amidships	<i>5 3 3</i>	
th and thickness at mid-line in	<i>16 34</i>		" " in Way of Bridge, Angle, <i>E 14</i>	<i>✓</i>	
ight of Brackets at side above base line at toe of frame	<i>straight across</i>		Spacing	<i>21</i>	
Keelson, on Floors, Angles,	<i>3 3 32</i>		Second Deck, amidships, Angle, [or]	<i>✓</i>	
" Through Plate or Intercostal Plate	<i>32</i>		Spacing	<i>✓</i>	
" Foundation Plate on Floors	<i>✓</i>		Third Deck, amidships, Angle, [or]	<i>✓</i>	
" Flat Plate Keel Angles	<i>✓</i>		Spacing	<i>✓</i>	
ons, No. each side	<i>one</i>		Fourth Deck, amidships, Angle, [or]	<i>✓</i>	
thickness of Intercostal Plate	<i>3</i>		Spacing	<i>✓</i>	
Angles	<i>3 3 32</i>		<i>R. 9.</i> <i>Deck, Angle, E 14</i>	<i>5 3 3</i>	
OTTOM.			Spacing	<i>21</i>	
ors, thickness and spacing	<i>✓</i>		Bridge Deck, Angle, [or]	<i>✓</i>	
Are Frame and Reversed Frame joggled?	<i>✓</i>		Spacing	<i>✓</i>	
Floors, breadth and thickness at middle line	<i>✓</i>		Forecastle Deck, Angle, <i>E 14</i>	<i>5 3 48</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Spacing	<i>42</i>	

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..... <i>one</i>				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	✓		
„ „ „ „ „	✓			Thickness of Plating abreast Deck openings in way of Bridge	✓		
„ in Hold, <i>under Bags</i>	✓	3"	42	Thickness of Plating within line of openings...	✓		
„ „ „ „ „	✓			If Sheathed, material and thickness	✓		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	✓			Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of	✓			If Plated, state thickness.....	✓		
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	✓	45"	4	If Plated, state thickness	✓		
„ „ „ „ in way of Bridge	✓	45"	4	R.P. Deck.			
„ Angle in Wells	✓	3	36	Stringer Plate, breadth and thickness	✓	45"	38
Thickness of Plating abreast Deck openings in way of Wells	✓		44	Plating, <i>Steel</i> Sheathing , material and thickness ..	✓		36 1/2 x 3
Thickness of Plating abreast Deck openings in way of Bridge	✓			Bridge Deck.			
Thickness of Plating within line of openings...	✓			Stringer Plate, breadth and thickness.....	✓	24"	25
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness ..	✓	6mm	2 1/4
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	✓	20"	24
				Plating, Sheathing, material and thickness <i>h.p.</i>	✓	2 1/2" x 2 3/4"	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c).....				Four		
Deck next below.....				✓		
As per Rule.....				Three		
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper deck		No 16 34/28 ✓	6 x 3 x 36	24	deep bulkhead tank top	
" " Second		No 53 42/3 ✓	6 x 3 x 36	30		
" " Third						
" " Holds						
COLLISION " (in Hold)		34/28 ✓	4 x 3 x 3	24	deep bulkhead tank top	
AFTER PEAK " "		34/3 ✓	6 x 3 x 36	24	tank top see plan	
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction Hearth Process - Bethlehem Vaughan & Co				
		Has the Steel been tested as required by the Rules? Yes				

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Forging	6 1/2 x 1 3/4		
STEM	"	6 x 1 3/4		
STERN FRAME { Propeller Post	"	6 3/4 x 3 1/2		
{ Rudder	"	6 1/4 x 3 1/2		
RUDDER—A x D		84.46		
Speed of Vessel		9.5 knots		
RUDDER mainpiece at head ...		5		
" " heel ...		3 3/4		
" how constructed		Arms shrunken on Skeged		
" double or single plate		Single		
" coupling, vertical or horizontal		Vertical		
Name of the Vessel (state process of manufacture) <i>Siemens Martin Open</i>				
<i>Li, Norman Long Ho Lu</i>				

EQUIPMENT No.										LETTER <i>9</i>	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
16186	1st Bower ...	10	1	0				12.2			10 1/4	Halls Jiffe	Cardiff 16/7/25
16187	2nd „ ...	10	0	14				12.1				C S Head	„ „
16188	3rd „ ...	8	3	0				10 7/8				„	„ „
	Collective weight.	28	0	14								„	„ „
16189	Stream	3	2	14	1	0	21	4.2			29 1/4	„	„ „
16190	Kedge	1	5	0							3-2-0	„	„ „

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.	
38106	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.	Shank Mountford	Bradley Heath		TOWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
	165	1 1/16	20.3	30.4	98.0.0	95.1.0	165	1 1/16	Philipson Ltd	22/7/25 Paul		HAWSERS (& WARPS)	75	2 1/2	12 1/2	75	2 1/2	
												"	90	5 1/2				
												"	110	5				
Iron Stream Chain or Steel Wire	60	2 3/4	15 1/2				60	2 1/2										
		Cir.						Cir.										

Steering Gear, Steam *Higgsins & Co*

Steering Gear, Hand *Higgsins & Co*

Boats *Two life boats & one dingy* Steering Chains, Size and Test *1 1/16 Jut. L.P.H.T. 5.12.2.0* { Steam Windlass *Clark Chapman*

Ceiling in Holds, thickness and material *3' Patent Bone* Cargo Battens, thickness, material and spacing *none*

Cargo Hatchways.—(Upper Deck) *one on upper deck & one on P.Q. deck* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *20' x 14.6"* No. 2 *22.8' x 14.6"* No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☐

Number of Shifting Beams and/or Fore and Afters *Three in each hatch*

THE LYTHAM SHIPBUILDING AND
ENGINEERING COMPANY, LIMITED.

Builder's Signature

W. Linsey
DIRECTOR

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, and the Society's Rules for the class contemplated.*

The materials and workmanship are good.

For further details see 'Heatherfield' Liverpool Report- 87132

The amount of Entry Fee £ *3* : : : Fees applied for, *20 OCT 1925*
Special Survey Fee.... £ *45* : - : Received by me, *10/2/25*
Freeboard *3* : - :
Travelling Expenses, if any £ *11* : *17* : *10*

I am of opinion the Vessel should be Classed *+100 A1*
Cargo Battens not fitted

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

Signature *James Bradley*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *an* Date of issue *11/11/25*

Committee's Minute *LIVERPOOL 23 OCT 1925*

Character assigned *+100 A1 - 10.25*
Cargo battens not fitted.
Lloyds & C.P.
+ 10 M.C. 10.25



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Foundation

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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.)

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5.2.17	K.H.	3403	17/4/25
	2nd "	5.3.0	K.H.	3365	—
	3rd "	4.2.12	M.B.	2412	30/3/25

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 84.75 ft., Bridge 8.75 ft., Forecastle 23 (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 Dk (Stc)

Official No. ; Signal Letters

Is bottom of Vessel coated with cement ☒ yes if not

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank, (top 16 Bottom 5)		
Double bottom, if under Engines only,			Deep tank, aft,	19	4
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

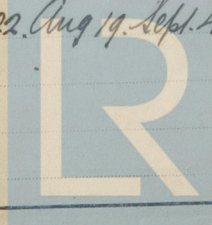
Order for Special Survey No. 1182

Date

March 1975

Dates of Surveys held while building

1975 April 27. May 19. June 9. 24. July 3. 7. 22. Aug 19. Sep 1. 4. 24. 30. Oct 20.



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