

With or Without
Disconnected Erection

STEEL STEAMER.

Received at London Office

State if Report is also sent on the Machinery of the Vessel

Date of completion of report
Survey held at *Wivenhoe*

Port of *London*

Date, First Survey *4th February, 1915*

Last Survey *9th February*

1917

On the (State if Single, Twin, or Triple Screw) *Single screw Motor "LEE LEE"*

Rig *Ketch*

Tonnage under *114 77*

CLASS *100 A-*

FEET.

Master

Year of appointment

(1) As Master in service of
owner of present vessel:—191
(2) As Master of this
vessel:—191

Built at *Wivenhoe, Essex*

When built *1917*

Launched *9th December 1915*

By whom built *Rennie Foreest, S. B. & Co. Ltd.*

Owners *James Pollock Sons & Co. Ltd.*

Managers

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

Residence *3 Lloyds Avenue, E.C.6.*

Port belonging to *London*

Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of House on Dk.
Do. of excess of Hatchway
Do. above Crown of
Engine Room
Gross Tonnage *140 20*
Less Crew Space
Less above Crown of
Engine Room
TONNAGE FOR FEES
Less Engine Room
Less Navigation Spaces

Breadth (greatest moulded) *19'0"*

Depth, at middle of length from top of keel to top of
upper deck beams at side *10'0"*

Transverse Number *29*

Length on deck from fore part of stem to after part of
stern post *89'0"*

Longitudinal Number *2581*

Depth "d," at middle of length (See Secs. 2 & 13) *8'11"*

Proportions—Depths to Length—Upper Deck Beam at
side to top of keel *8'9"*

" " Long Bridge Deck
Beam at side to top of keel

Register Tonnage
as cut on Beam *70 00*

Destined Voyage *Coasting*

If Surveyed while Building, Afloat, or in Dry Dock

Building Afloat
in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Do. do. do. do. Second Dk. Beams	Feet.	Inches.	No. of Decks with flat laid No. of Tiers of Beams
<i>89</i>			<i>19</i>		<i>0</i>		<i>8</i>	<i>11</i>	<i>one</i> <i>one</i>

*Dimensions of Ship per Register, Length *89'0"* breadth *19'15"* depth *9'15"*

Moulded depth, ft. *10* ins. *0* To Bridge Dk. Round of Upper
To Upper Dk. Dk. Beam, Actual *4 3/4* ins.

FRAMING.						PILLARS.					
FRAME, Angles, <i>Equal Base amidships</i>						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks	<i>4</i>	<i>2 1/2</i>	<i>30</i>	<i>4</i>	<i>2 1/2</i>	" " Hold	<i>2 1/2</i>	<i>41</i>	<i>2 1/2</i>	<i>41</i>	
Do. in way of Double Bottoms at Solid Floors	<i>4</i>	<i>2 1/2</i>	<i>30</i>	<i>4</i>	<i>2 1/2</i>	" " Quarter 'tween Dks.,					
" " at intermdt. Bkts.						" " in Hold					
Spacing of Frames from centre to centre amidships	<i>20 1/2</i>			<i>20 1/2</i>		KEELSONS & STRINGERS.					
" " from 1/2						CENTRE LINE KEELSON, Vertical Plate above					
" " length to Collision bulkhead	<i>20 1/2</i>			<i>20 1/2</i>		floors, Through Plate, or Intercostal Plate					
" " in peaks	<i>2 1/2</i>	<i>2 1/2</i>	<i>22</i>	<i>2 1/2</i>	<i>2 1/2</i>	Rider Plate					
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>22</i>	<i>2 1/2</i>	<i>2 1/2</i>	Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors	<i>ENCLOSURE 3 x 3 x 34</i>			<i>3</i>	<i>3 x 34</i>	Horizontal Plates on Floors					
" " at intermdt. Bkts.						Angles on Bulk Angles <i>Channel Bar</i>					
FRAMING, depth of girder	<i>13</i>		<i>26</i>	<i>13</i>	<i>26</i>	SIDE KEELSONS, Number <i>one</i>					
FLOORS, depth and thickness of Floor Plate	<i>13</i>		<i>26</i>	<i>13</i>	<i>26</i>	Angle <i>on Bulk Angles</i>					
" at mid-line for 1/2 length amidships			<i>30</i>		<i>30</i>	Plate above floors, for length					
" in way of Engine <i>and Boiler</i> Spaces			<i>24</i>		<i>24</i>	Intercostal Plate, <i>in hold only</i> length					
" thickness at the ends of vessel			<i>24</i>		<i>24</i>	Attached to outside Plating with Angle					
" depth at 1/2 the half breadth, as per Rule						BILGE KEELSON, Angles					
" height extended at the Bilges	<i>Straight across as approved</i>					Intercostal Plate for length					
FLOORS in Cell. Double Bottoms						Attached to outside Plating with Angle					
" state if flanged (top & bottom)						SIDE STRINGERS, Number					
" Spacing of Solid floors						Angle					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						Intercostal Plate, for length					
" Angles, Top						Attached to outside plating with Angle					
" Bottom						Upper Deck Stringer Plate, br'dth & thickness					
" to Floors						(clear of Bridge)					
Brackets at intermdt. frmng., wdth & thcknss						" " " " br'dth & thickness					
SIDE GIRDERS, number on each side & thickness						(in way of Bridge)					
" state if flanged (top and bottom)						Angle (clear of Bridge)					
" Angles (top and bottom)						Tie Plate at sides of Hatchways					
" to Floors						Deck * <i>Iron or Steel</i> , for <i>full</i> lng.					
MARGIN PLATE, depth (exclusive of flange)						Thickness (clear of Bridge)					
and thickness						(in way of Bridge)					
Angle to Outside Plating						Wood Deck. Material & thickness					
" Floors						R. Quarter					
Brackets at intermdt. frmng., wdth & thcknss						Second Deck Stringer Plate, br'dth & thickness					
Height of Outside Brackets above at bilge						Angles on ditto, No.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Tie Plates outside Hatchways					
" in Engine and Boiler space						Deck * <i>Iron or Steel</i> , for <i>full</i> lng.					
" Remainder in Holds						Wood Deck. Material & thickness					
BEAMS, Upper Deck, Single Angle, Bulb	<i>4</i>	<i>2 1/2</i>	<i>30</i>	<i>4</i>	<i>2 1/2</i>	Third Deck Stringer Plate, br'dth & thickness					
Angle, Plate, Tee Bulb, or Channel						Angles on ditto, No.					
In way of Long Bridge						Tie Plates, outside Hatchways					
Spacing	<i>20 1/2</i>			<i>20 1/2</i>		Deck * Material and thickness					
BEAMS, Second Deck, Single Angle, Bulb	<i>4</i>	<i>2 1/2</i>	<i>30</i>	<i>4</i>	<i>2 1/2</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness					
Angle, Plate, Tee Bulb, or Channel						Angles on ditto, No.					
Spacing	<i>20 1/2</i>			<i>20 1/2</i>		Tie Plates outside Hatchways					
BEAMS, Third and Fourth Deck, Single Angle,						Deck. Material & thickness					
Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,						Deck. Material and thickness					
Tee Bulb, or Channel						Bridge Deck Stringer Plate, br'dth & thickness					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,						Deck. Material and thickness					
Tee Bulb, or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates <i>Centre plate</i>					
BEAMS, Forecastle Deck, Angle, Bulb Angle,	<i>5</i>	<i>3</i>	<i>34</i>	<i>5</i>	<i>3</i>	Deck. Material and thickness					
Plate, Tee Bulb, or Channel						<i>P. Pine 2 1/2</i>					
Angles on upper edge											
Spacing	<i>41</i>			<i>41</i>							

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon

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WEB FRAMES.				FORGINGS or CASTINGS.			
	Inches in Ship.	Inches in Ship.	Inches per Rule, Or as App.		Inches in Ship.	Inches per Rule, Or as Approved.	
WEB-FRAMES, In Fore Body, No. and spacing	3	102	3	KEEL, Bar, depth and thickness	5 1/2 x 1 1/4	5 1/2 x 1 1/4	
" " " " brdth. & thickness	12	30	12	STEM, moulding and thickness	5 1/2 x 2 1/2	5 1/2 x 2 1/2	
" " " " No. of Side Stringers				STERN-POST for Rudder do. do.	5 1/2 x 2 1/2	5 1/2 x 2 1/2	
WEB-FRAMES, In E. & B. Space, No. and spacing				" " " " for Propeller			
" " " " brdth. & thickness				RUDDER—A x D Table 22. Speed			
" " " " No. of Side Stringers	25 x 2 1/2	25	25 x 2 1/2	" " " " Main-Piece, diameter at head	3 1/4	3 1/4	
" " " " Size of Face Angles to Web-Frames				" " " " " " at heel	3 1/4	3 1/4	
BRACKET PLATES to Stringers between Web Frames, depth and thickness							

BULKHEADS.										STIFFENERS.										RIVETING.									
Number.		Thickness.		Horizontal.		Vertical.		Single or Double Frames.		Height up, state deck.		Horizontal.		Vertical.		Single or Double Frames.		Height up, state deck.		Horizontal.		Vertical.		Single or Double Frames.		Height up, state deck.			
Vessel.	Per Rule.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.		
W.T. BULKHEADS	4	26	✓	40 x 30	24	Single																							
" "	4	30 x 28	✓	40 x 30	24	"																							
" "	7	26	✓	35 x 25	24	"																							
" "	16	30 x 26	✓	40 x 30	24	"																							
" COLLISION	48	28 x 26	✓	40 x 30	24	"																							
PARTITION																													
LONGITUDINAL																													

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		EDGES.		BUTTS.		EDGES.		BUTTS.			
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		
FLAT PLATE KEEL	32	42	36	36	32	42	36	36	32	42	36	36	32	42	36	36	32		
GARBOARD or A Strake	38 1/2	26	24	24	38 1/2	26	24	24	38 1/2	26	24	24	38 1/2	26	24	24	38 1/2		
B	38	26	24	24	38	26	24	24	38	26	24	24	38	26	24	24	38		
C	36	26	24	24	36	26	24	24	36	26	24	24	36	26	24	24	36		
D	39	30	24	24	39	30	24	24	39	30	24	24	39	30	24	24	39		
E	38 1/2	28	24	24	38 1/2	28	24	24	38 1/2	28	24	24	38 1/2	28	24	24	38 1/2		
SHEER	32	28	24	24	32	28	24	24	32	28	24	24	32	28	24	24	32		
QUARTER	33 1/2				33 1/2				33 1/2				33 1/2				33 1/2		
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Upper Deck Butts, riveted for full length amidship.

Stringer Plate Butts, riveted for full length amidship.

Inner Bottom Plating, riveting of Edges Butts

Centre Girder Butts, riveted. Keelson Butts, riveted.

Frames, riveted through Plates with 5/8 in. Rivets, about 4 1/2 ap

Rivets, state whether Iron or Steel Steel

FRAMES extend in one length from Keel to upper deck

REVERSED FRAMES on floors and frames extend from across floors only.

MASTS, SPARS, &c.

LOWER MASTS: Fore P.pine 35 Main Mizzen

Bowspirt

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds Steel wire 1 1/2

Sails, Suit of

Sails, and the following spars

EQUIPMENT No.										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Numbers of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 51.		Description of Anchor.		Makers.		Where and when tested and Superintendent.													
				Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwis.	qrs.	lbs.	Owts.	qrs.	lbs.													
1st Bower																													
2nd																													
3rd																													
4th																													
Collective weight.																													
Stream																													
Kedge																													

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

1st Bower
2nd
3rd
4th

CHAIN CABLES.										HAWERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 31.		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 31.	
		Length.	Diam.	Stagn.	Break.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.	Length.	Diam.

Boats One 16'0" Lifeboat Steering Gear, Steam ✓
Pumps, Number 3 Diameter of Barrel 4" State whether they are in efficient working order ✓
Windlass is Hand by Fisher & Co. Pawley Capstan ✓
Engine Room Skylights. — How constructed? Steel hinged flaps What arrangements for deadlights in bad weather? Fixed bulls'eyes
Coal Bunker Openings. — How constructed? ✓ How are lids secured? ✓ Height above deck? ✓
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 each side 4 each side 2-3 x 1-4
Ceiling in Holds, thickness and material 2 1/2 White pine Cargo Battens, thickness and material 1 1/2 White pine
Cargoe Hatchways. — How formed? Steel plates and angles Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Keelson) 32-3 x 12-6 No. 2 Hatch No. 3 Hatch No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 Shifting beams and 3 fore afters.
No. of Breasthooks No. of Crutches Deep floors
Bulwarks, height above deck and description 2-9 Steel Main Rail, material and size Steel 6 1/2 x 3 Typack bar.
The foregoing is a correct description. U.C. Fairminer
Builder's Signature (here only) J. P. Peary Surveyor's Signature Surveyor to Lloyd's Register of Shipping.

Correspondence. — State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M. 24-12-14, 12-15
18-1-15, 29-1-15, P. 2-15, E. 27-2-15, 3-6-15, M. 23-6-15, E. 23-7-15, M. 19-1-16, 1-2-16, 31-3-16, M. 1-2-17
Workmanship. Are the butts of plating planed or otherwise fitted? Planed
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? Very few
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory
General Remarks (State quality of workmanship, &c.)
This vessel has been built in accordance with the approved plans, the Society's Rules and the Secretary's letters referred to above for the class contemplated, the material and workmanship are good.

This vessel is a duplicate of the S.S. 'Cristo' Lon report N° 78534.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 1 : 0 : 0 Fees applied for, 19
Special Survey Fee £ 7 : 0 : 0 Received by me, 20-3-19 J.W.W.
Travelling Expenses, if any £ 13-18-7
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed + 100 A-
With, or without Freeboard, as condition of Class Without.

Committee's Minute FRI. 9-MAR. 1917
Character assigned 100A-60
FRI. 31-AUG. 1917
FRI. APR. 30 1920
FRI. APR. 14 1922
FRI. NOV. 20 1917
FRI. JUN. 1 1918
FRI. 20-JUN. 1919
FRI. JUL. 1 1919

Lloyd's Register of Shipping

GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 24-25 ft., Bridge _____ ft., Forecastle 15 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 Deck Steel
Official No. _____; Signal Letters _____ State if Machinery is fitted aft Yes (Motor)
How are the surfaces preserved from oxidation? Inside Paint, Tar cement dusting, paint in machinery space Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length.		Where Fitted.	*Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	<u>12</u>	<u>24</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>6-10</u>	<u>5</u>
Double bottom, if under Engines only,			Deep tank, aft,		
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. State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. _____
Date 22: 1: 15
No. 1269 in builder's yard.
DATES of Surveys held while building { 1915 Feb. 11, 24, March 6, 24, April 29, May 27, June 4, 16, 30, July 14, 23, Aug. 3, 10, Sept. 18, 24, Oct. 8, 14, 20, 27, Nov. 4, 17, Dec. 4, 17, 30. (1916) Jan 20, Feb. 22, March 21, April 7, 14, May 18, Aug 30, Nov. 24, Dec. 8, 19. (1917) Jan 4, 18, 26, Feb. 1, 6, 7, 9.

Surveyor's Signature A.E. Farminer
Total No. of Visits 43
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