

1 or 2 Dks., R.O. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 28153

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *2nd October 1909*

Received at London Office, *2 OCT 1909*

Date, First Survey, *6th April 1908* Port of *Glasgow*
Last Survey, *30th Sept 1909*

"LAVEROCK"

Rig *Smack*

Master *F. W. Ferris*

Year of appointment *1909*

Built at *Groon*

When built *1909* Launched *17th Aug. 1909*

By whom built *Ailsa S. B. & Co. Ltd.*

Owners *General Steam Navigation Co. Ltd.*

Managers

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

Residence *55 Great Tower St. London*

Port belonging to *London*

Survey held at *Groon*
On the *Steel Screw Steamer*

TONNAGE under *885.82*
Tonnage Deck *125.88*
Do. of Poop *52.40*
Do. of Raised Qr. *26.63*
Dk. or Break *9.33*
Do. of Bridge House *99.33*
Do. of Forecastle *1199.39*
Do. of Houses on Deck *75.39*
Do. of excess of Hatchways *99.33*
Do. above Crown of *1024.67*
Engine Room *535.34*
Gross Tonnage *24.89*
Less Crew Space
Less above Crown of
Engina Room
TONNAGE FOR FEES
Less Engine Room
Less Navigation Spaces

Half Breadth (moulded) *17.0*
Depth from upper part of Keel to top of Main Deck Bms. *17.70*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *31.75*
1st Number *66.45*
Length on deck from after part of stem to fore part of stern post *238.67*
2nd Number *15860*
Proportions—Breadths to Length *7.02*
Depths to Length—Main Deck to top of Keel *13.48*
Destined Voyage *✓*

If Surveyed while Building, Afloat, or in Dry Dock *While building*

LENGTH on Deck as per Rule *238* Feet. *8* Inches. BREADTH—Moulded *34* Feet. *0* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *14* Feet. *11* Inches. No. of Decks with Flat laid *14 Shelter dk.* No. of Tiers of Beams *also pt. 2. Bunker Hold*

Dimensions of Ship per Register, Length, *240.25* breadth, *34.15* depth, *14.7* Moulded Depth, *17* ft. *0* ins. Round of Beam, Actual *9* ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, L.E. or L Bars, for length	<i>6 1/2</i>	<i>3</i>	<i>9</i>	<i>6 1/2</i>	<i>3</i>	<i>9</i>	<i>9</i>
Do. at each end as on profile	<i>6 1/2</i>	<i>3</i>	<i>8</i>	<i>6 1/2</i>	<i>3</i>	<i>7</i>	<i>8</i>
Do. in way of Double Bottoms at Solid Floors	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>	<i>7</i>
Spacing of Frames from centre to centre	<i>23</i>		<i>23</i>				
REVERSED FRAME, Angles in Double Bottom	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>	<i>7</i>
DEEP FRAMING, depth of girder	<i>6 1/2</i>	<i>4 1/2</i>	<i>10</i>	<i>6 1/2</i>	<i>4 1/2</i>	<i>10</i>	<i>10</i>
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms	<i>34</i>		<i>6</i>	<i>34</i>		<i>6</i>	
" state if flanged (top & bottom)							
Spacing	<i>23</i>		<i>23</i>				
CENTRE GIRDER, in Double Bottom, depth and thickness	<i>34</i>		<i>9</i>	<i>34</i>		<i>9</i>	
" Angles, Top	<i>3</i>	<i>3</i>	<i>8</i>	<i>3</i>	<i>3</i>	<i>8</i>	
" Bottom							
SIDE GIRDERS, number on each side & thickness	<i>1</i>		<i>6</i>	<i>1</i>		<i>6</i>	
" state if flanged (top & bottom)							
Angles	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>	
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>28 3/4</i>		<i>7</i>	<i>24</i>		<i>7</i>	
" Angles to Outside Plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>	
" Floors	<i>2</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>	
" Height of Floors at the Bilges	<i>50</i>		<i>50</i>				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>60</i>		<i>8</i>	<i>60</i>		<i>8</i>	
" thickness in Engine and Boiler space	<i>8 3/4</i>	<i>E. 3/4</i>	<i>1 1/2</i>	<i>3 1/4</i>			
" Remainder in Holds							
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5 1/2</i>	<i>3</i>	<i>7</i>	<i>5 1/2</i>	<i>3</i>	<i>7</i>	
" Angles on Upper Edge							
Spacing	<i>23</i>		<i>23</i>				
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>9</i>	<i>3 1/2</i>	<i>11</i>	<i>9 1/2</i>	<i>3 1/2</i>	<i>10</i>	
" Angles on Upper Edge							
Spacing	<i>46</i>		<i>46</i>				
BEAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
Spacing							
BEAMS, Bridge of Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	<i>7 1/2</i>	<i>3</i>	<i>9</i>	<i>7 1/2</i>	<i>3</i>	<i>9</i>	
" Angles on Upper Edge							
Spacing	<i>46</i>		<i>46</i>				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
Spacing							
PILLARS, In 'tween Decks, Size and Spacing	<i>2 3/8</i>	<i>46</i>	<i>2 3/8</i>	<i>46</i>			
" Hold	<i>4</i>	<i>46</i>	<i>4</i>	<i>46</i>			
" Quarter, 'tween Dks., in Hold							
WEB FRAMES, In Fore Body, No. and Spacing	<i>6</i>		<i>6</i>				
" Brdth. & Thickness							
No. of Side Stringers	<i>3</i>		<i>3</i>				
FRAMES, In E. & B. Space, No. & Spacing	<i>3</i>		<i>3</i>				
" Brdth. & Thickness							
WEB FRAMES, In After Body, No. and Spacing	<i>1</i>		<i>1</i>				
" Brdth. & Thickness							
No. of Side Stringers	<i>2</i>		<i>2</i>				
Size of Angles or Tee Bars to Web Frames							
RACKET PLATES to Stringers between Web Frames, Depth and Thickness							

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.
KEEL, Bar or Side Plates—depth and thickness	<i>7 1/2 x 2 3/4</i>	<i>7 1/2 x 2 3/4</i>
STEM, moulding and thickness	<i>7 1/2 x 2 3/4</i>	<i>8 x 2 3/4</i>
STERN-POST for Rudder do. do.	<i>8 x 5</i>	<i>8 x 5</i>
" for Propeller	<i>8 x 5</i>	<i>8 x 5</i>
MAIN PIECE of Rudder, diameter at head	<i>7 3/4</i>	<i>7 3/4</i>
do. at heel	<i>5 3/4</i>	<i>5 3/4</i>
RUDDER, how constructed <i>Single Plate. Arms trunk on M.P.</i>		
Can the Rudder be unshipped afloat? <i>Yes</i>		

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Bulb Plate to Intercoastal Keelson					
" Horizontal Plates on Floors					
" Angles					
SIDE KEELSON, Angles					
" Bulb or Plate above floors for lng.					
" Intercoastal Plate for length					
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Bulb or Plate above floors for lng.					
" Intercoastal Plate for length					
" Attached to outside plating with Angle					
BILGE STRINGER Angles					
" Bulb Plate for length					
" Intercoastal Plate for length					
" Attached to outside plating with Angle					
SIDE STRINGER Angles	<i>5 1/2</i>	<i>3 1/2</i>	<i>9</i>	<i>5 1/2</i>	<i>3 1/2</i>
" Bulb or Intercoastal Plate for lng.					
" Attached to outside plating with Angle	<i>3</i>	<i>2</i>	<i>7</i>	<i>3</i>	<i>3</i>
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>50</i>	<i>10</i>	<i>50</i>	<i>10</i>	
" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>
" Tie Plates, outside Hatchways					
" Diagonal Tie Plates on Bms., No. of Pairs					
" Main Dk* Iron or Steel for full lng.			<i>6</i>		<i>6</i>
" R.O. Dk* Iron or Steel for full lng.					
Part Wood Deck, Material & thickness <i>P.P.</i>	<i>5 x 3</i>		<i>5 x 3</i>		
Lower Deck Stringer Plate, breadth and thickness	<i>30</i>	<i>8</i>	<i>30</i>	<i>8</i>	
" Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>
" Tie Plates, outside Hatchways	<i>12</i>	<i>9</i>	<i>12</i>	<i>9</i>	
" Deck* Material and thickness <i>W.P.</i>	<i>3</i>		<i>3</i>		
Hold Stringer Plate					
" Angles on ditto, No.					
Poop Deck Stringer Plate, breadth & thickness					
" Angle on ditto					
" Tie Plates					
Deck, Material and thickness					
Shelter Pt. Awng. Deck Stringer Plate, breadth and thickness	<i>60 1/2</i>	<i>8</i>	<i>60 1/2</i>	<i>8</i>	
" Angle on ditto	<i>4 1/2</i>	<i>4 1/2</i>	<i>9</i>	<i>4 1/2</i>	<i>9</i>
" Tie Plates					
" Deck, Material and thickness <i>P.P.</i>	<i>5 x 3</i>		<i>5 x 3</i>		
Forecastle Deck Stringer Plate, brdth & thcknss					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.

	Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
W.T. BULKHEADS	<i>4</i>	<i>4</i>	<i>6</i>	<i>4 1/2</i>	<i>48</i>	<i>30</i>
PARTITION						
LONGITUDINAL						

Are the outside Plates doubled two spaces of Frames in length? *Yes*
Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*

PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. ... 13'-6"

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. Dalzell, Larnarkshire, Still City of Scotland. ... Has the Steel been tested as required by the Rules. Yes.

FRAMES extend in one length from Centre line to margin plate & thence to Shell or Stk. REVERSED FRAMES on floors and frames extend from Centre line to margin plate where fitted in lieu of web frames, all as on approved plans.

MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Equipment No. 18873 Letter P.

Table with 8 columns: Number of Certificate, Anchors, Weight, Ex Stock, Weight of Stock, Test, per Certificate, Weight Required by Table 22, Description of Anchor, Makers, Where and when tested and Superintendent.

Table with 10 columns: Number of Certificate, Length and size supplied, Test per Certificate, Weight of Chain Cable, Length & Size per Table 22, Description, Makers of Cables, Where and when tested and Superintendent, Material, Length and Size supplied, Breaking Test of Steel Wire Towline, Length and Size per Table 22.

Boats (3) 2 lifeboats 1 gig. Pumps, Number 5 hand pumps & steam bilge suction. Windlass is Clark Chapman & Co's steam & hand geared Capstan. Engine Room Skylights. What arrangements for deadlights in bad weather? Coal Bunker Openings. Number of Scuppers, and number and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch. Bulwarks, height above deck and description. The above is a correct description. Builder's Signature (here only). Managing Director. Surveyor's Signature. Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

18th March 1909 M. 27th April 1909 E.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & lapped.

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? Yes.

to plate, &c., conform well to each other? Yes.

from the faying surfaces? Yes.

Do any rivets break into or through the seams or butts of the plating? No.

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. 23, par 24)? Yes.

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)?

State results of tests

General Remarks (State quality of workmanship, &c.)

The workmanship throughout is good. The vessel has been built in accordance with the approved plans, the Secretary's letters of above dates, and in general conformity with the Rules for the class contemplated.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. or Break ft., Bridge Dk. ft., F'castle ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

Complete Shelter Deck.

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 would appear in the Register Book) 1st St. & Shelter Dk. 5th W.S.

Official No. ; Signal Letters

State if Machinery is fitted aft Yes, it is aft

How are the surfaces preserved from oxidation? Inside Bitumastic in Bundles. Cement 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. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	14	24
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	
Double bottom, if under Engines only,	✓		Deep tank, aft,		
Double bottom, if under Boilers only,	✓		Deep tank, forward	✓	
Double bottom, forward,	138	209	Other tanks, if fitted,		

Total capacity of double bottom 209

(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. 4442

Date 15.5.09

222 in builder's yard.

DATES of Surveys held while building

1909. April 6. 9. 19. 21. 23. 26. 27. 29. 30. May 4. 5. 7. 11. 14. 17. 20. 24. 27. 28.
June 2. 3. 4. 7. 9. 10. 11. 15. 17. 18. 21. 23. 24. 25. 29. July 1. 2. 6. 7. 9. 13. 15.
28. Aug 6. 9. 11. 12. 13. 17. 26. 30. Sep 2. 7. 20. 23. 30

Total No. of Visits 55

The amount of Entry-Fee£ 4 : 0 : 0

Fees applied for, 2/6 1909

Special.....£ 50 : 12 : 6

Received by me, 29.10.1909

Travelling Expenses, if any £ 5 : 10 : 6

State whether the Vessel has been built under Special Survey Yes.

Am of opinion this Vessel should be Classed * 100 A.1 "Shelter Deck"

With, or without Freeboard, as condition of Class with freeboard.

Certificate to be sent to

Glasgow.

L. S. Innes & Co.
R. Blair

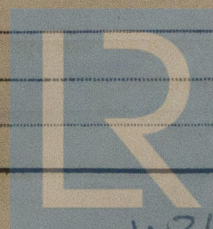
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 5 OCT. 1909

Character assigned * 100 M.

Shelter dk. with fbd 5-8"

9.09 Lloyd's Assoc.
+ LMC 9.09



© 2020

Lloyd's Register

W340-0015 (2/20)