

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

IRON OR STEEL STEAMER.

1 HUK. No. 12574
18 MAR 1909

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *16 March 1909*
Date, First Survey *28 July 1908*

Received at London Office, *Yes*
Port of *Leith*
Last Survey *15 March 1909*

Survey held at *Leith*
On the *Steel Screw Steamer "ODER"*
TONNAGE under *690.38*
Tonnage Deck... *219.88*
Do. of Poop
Do. of Raised (or) Dk. or Break...
Do. of Bridge House
Do. of Forecastle *32.30*
Do. of Houses on Deck *7.67*
Do. of excess of Hatchways *14.33*
Do. above Crown of Engine Room...
Gross Tonnage *964.56*
Less Crew Space *75.83*
Less above Crown of Engine Room...
TONNAGE FOR FEES... *888.73*
Less Engine Room...
Less Navigation Spaces... *30.50*

ONE OR TWO DECKED VESSEL.
CLASS *100A1.*

Master *Thomas Moir*
Year of appointment *1909*
(1) As master in service of owner of present vessel, to 1894
(2) As master of this vessel 1909

Half Breadth (moulded) *15.66*
Depth from upper part of Keel to top of Main Deck Bms. *15.32*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *28.45*
1st Number *59.43*
Length on deck from after part of stem to fore part of stern post *213.83*
2nd Number *12707.91*
Proportions—Breadths to Length *6.82*
Depths to Length—Main Deck to top of Keel... *13.95*
Destined Voyage *Honigberg*

Built at *Leith*
When built *1909* Launched *February 8th 1909*
By whom built *Ramage & Ferguson Ltd*
Owners *Messrs Jas. Currie & Co*
Managers *do*
(Where necessary to be entered in Reg. Book).
Residence *16 Bona Road, Leith*
Port belonging to *Leith*

Register Tonnage *549.57*
as cut on Beam...
LENGTH on Deck as per Rule... *213* Feet. *10* Inches.
BREADTH—Moulded... *31* Feet. *4* Inches.
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... *13* Feet. *10* Inches.
No. of Decks with Flat laid *One*
No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, *215.0* breadth, *31.5* depth, *13.8* Moulded Depth, *14* ft. *8* ins. Round of Beam, Actual *7 1/8* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.	20ths per Rule or as Approved.
FRAME, Angles, L or E Bars, for 1/2 length amidships		4 1/2	3	9	4 1/2	3	9
Do. for 1/2 at each end		4 1/2	3	8	4 1/2	3	8
Do. in way of Double Bottoms at Solid Floors.		3	3	6	3	3	6
Spacing "Frames from centre to centre		22			22		
REVERSED FRAME, Angles in Bulk Space		2 1/2	9	3	2 1/2	9	
DEEP FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		ES 32	8	ES 32	8		
" in way of Engines and Boilers		BS 17 1/2	14	BS 17 1/2	14		
" thickness at the ends of vessel		14		14			
" depth at 1/2 the half breadth, as per Rule		35		35			
" height extended at the Bilges		6		6			
FLOORS & BRACKETS, in Cell Dble Bottoms							
" state if flanged (top & bottom)		✓		✓			
" Spacing		22		22			
CENTRE GIRDER, in Double Bottom, depth and thickness		32	8.7	32	8.7		
" Angles, Top		3	3	7	3	3	7
" Bottom		3 1/2	3 1/2	8	3 1/2	3 1/2	8
SIDE GIRDERS, number on each side & thickness		1	6	1	6		
" state if flanged (top & bottom)		3 1/2	3 1/2	6	3 1/2	3 1/2	6
" Angles		3 1/2	3 1/2	6	3 1/2	3 1/2	6
MARGIN PLATE, depth (exclusive of flange) and thickness		21	6	21	6		
" Angles to Outside Plating		3 1/2	3 1/2	6	3 1/2	3 1/2	6
" Floors		3	3	6	3	3	6
" Height of Floors at the Bilges		35		35			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		66	7.6	32	7.6		
" thickness in Engine and Boiler space		7/8	7	7/8	7		
" Remainder in Holds		6		6			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		5 1/2	3	7	5 1/2	3	7
" Angles on Upper Edge		17 1/2	3	20	17 1/2	3	20
" Spacing		22		22			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		5 1/2	3	7	5 1/2	3	7
" Angles on Upper Edge							
" Spacing		22		22			
BEAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		5 1/2	3	8	5 1/2	3	8
" Angles on Upper Edge		✓					
" Spacing		44		44			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb		5	3	7.6	5	3	7.6
" Angles on Upper Edge		✓					
" Spacing		22		22			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		4	3	7.6	4	3	7.6
" Angles on Upper Edge		✓					
" Spacing		44	22	44	22		
PILLARS, In 'tween Decks, Size and Spacing		2 1/4	44	2 1/4	44		
" Hold		3	2 1/4	44	2 1/4	44	
" Quarter, 'tween Dks., " "							
" in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
" Brdth. & Thickness							
" No. of Side Stringers							
WEB FRAMES, In E. & B. Space, No. & Spacing							
" Brdth. & Thickness							
WEB FRAMES, In After Body, No. and Spacing							
" Brdth. & Thickness							
" No. of Side Stringers							
" Size of Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

FORGINGS AND CASTINGS.		Inches In Ship.		Inches per Rule. Or as Approved.					
KEEL, Bar or Side Plates depth and thickness		53 x 13-10		33 x 13-10					
STEM, moulding and thickness		7 x 2 1/4		7 x 2 1/4					
STEERN-POST for Rudder do. do.		4 x 4 1/4		7 x 4 3/4					
" for Propeller		6		6					
MAIN PIECE of Rudder, diameter at head...		4 1/2		4 1/2					
do. at heel									
RUDDER, how constructed		Forging Single Plate 1" thick							
Can the Rudder be unshipped afloat?		No							
KEELSONS AND STRINGERS.		Inches In Ship.	Inches In Ship.	20ths In Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.		
CENTRE LINE KEELSON, Vertical Plate above (Through Plate, or Intercoastal Plate)		in Bulk Space 8							
" Rider Plate		✓							
" Bulb Plate to Intercoastal Keelson		✓							
" Horizontal Plates on Floors each side		11 11							
" Angles (Full length)		9 3 1/2 10 8 1/2 3 1/2 10							
SIDE KEELSON, Angles (Full length)		5 3 1/2 11 5 3 1/2 7							
" Bulb or Plate above floors for full length		3 1/2 3 1/2							
" Intercoastal Plate for full length		11 11							
" Attached to outside plating with Angle		3 3 9 3 3 6							
BILGE KEELSON, Angles (Full length)		5 3 1/2 11 5 3 1/2 7							
" Bulb or Plate above floors for full length		3 1/2 3 1/2							
" Intercoastal Plate for full length		11 11							
" Attached to outside plating with Angle		3 3 9 3 3 6							
BILGE STRINGER Angles		5 3 8.7 5 3 8.7							
" Bulb Plate for full length		✓							
" Intercoastal Plate for full length		7 1/2 7.6 7 1/2 7.6							
" Attached to outside plating with Angle		3 3 7.6 3 3 7.6							
SIDE STRINGER Angles		5 3 8.7 5 3 8.7							
" Bulb or Intercoastal Plate for full length		7 1/2 7.6 7 1/2 7.6							
" Attached to outside plating with Angle		3 3 7.6 3 3 7.6							
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		30 x 9 1/4 x 7 5 30 x 9 1/4 x 7							
" Angle on ditto		3 1/2 x 3 1/2 8 3 1/2 x 3 1/2 8							
" Tie Plates, outside Hatchways		10 x 5 10 x 5 10							
" Diagonal Tie Plates on Bms., No. of Pairs		10 8 10 8							
" Main Dk* Iron or Steel for full length		8.7 x 6 8.7 x 6							
" R. Q. Dk* Iron or Steel for full length		8.7 x 6 8.7 x 6							
" Wood Deck, Material & thickness		Plat. 5 x 3 1/2 in way of accommodation							
Lower Deck Stringer Plate, breadth and thickness		22 7 22 7							
" Angles on ditto, No.		3 1/2 x 3 1/2 8 3 1/2 x 3 1/2 8							
" Tie Plates, outside Hatchways		12 7.5 12 7.5							
" Deck* Material and thickness		5 x 2 1/2 5 x 2 1/2							
Hold Stringer Plate (Anting) (Anting)		4 x 3 8 4 x 3 8							
" Angles on ditto, No.		✓							
Poop Deck Stringer Plate, breadth & thickness		22 6 22 6							
" Angle on ditto		4 x 4 8 4 x 4 8							
" Tie Plates		9 x 7 9 x 7							
" Deck, Material and thickness		5 x 3 5 x 3							
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness		38 8 38 8							
" Angle on ditto		4 x 4 8 4 x 4 8							
" Tie Plates		8 x 6 8 x 6							
" Deck, Material and thickness		Plat							
Forecastle Deck Stringer Plate, brdth & thcknss		35 48 x 32 x 35 48 x 32 x 35							
" Angle on ditto		3 x 3 6 3 x 3 6							
" Tie Plates		9 x 7 9 x 7							
" Deck, Material and thickness		Plat 5 x 3 over accommodation							
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.									
BULKHEADS.		Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
		In Vessel.	Per Rule.	Horizontal.		Vertical.			
				Size.	Spacing.	Size.	Spacing.		
				Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS		5	4	6 x 5	32 x 3.7	48	36 x 3.7	30	Single Main
PARTITION		✓							
LONGITUDINAL		✓							
Are the outside Plates doubled two spaces of Frames in length? No									
Are the Stiff Vales and Watertight Doors in efficient working order? No									

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

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. RIVETING. BUTTS. 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.?

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) 1908 M 17 June. M 9 July 1911 July 1920 August M 4 8 18 22 Sept 5 12 February M 12 1909. Workmanship. Are the butts of plating planed or otherwise fitted? Planed. Is the riveted work properly closed? No. Are the liners between the frames and plates solid single pieces? Frames joggled. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? No. Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? No. Do any rivets break into or through the seams or butts of the plating? A few. Are the butts of Plating, Stringers, &c., properly shifted and strapped? No. Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? No. State results of tests Satisfactory. Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? No. State results of tests Satisfactory. General Remarks (State quality of workmanship, &c.) The workmanship and materials are good. This vessel has been built in accordance with the approved plan of midship section forwarded to Gordon on the 10th March 1909 and in conformity with the Rules. Plans of Profiles, Pumping, Main post, Rudder together with two forging reports are herewith enclosed. Kindly return all plans for guidance in construction of sister vessel k-217 now building. Not a sister vessel. The Surveyor should state the Number of Report and Name of any Sister Vessel.