

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

IRON OR STEEL STEAMER.

No. 2538

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

Date of completion of Report 12th Sept 1906

Received at London Office 13 SEP 1906

Survey held at
On the

Dublin

Date, First Survey Nov 9th 1905

Port of Dublin

Last Survey 12th Sept 1906

Rig Ocho

TONNAGE under
Tonnage Deck

Do. of Poop

Do. of Raised Qr.

Do. of Break.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100 A 1

FEET.

Half Breadth (moulded) 17.0

Depth from upper part of Keel to top of Main Deck Bms. 16.20

Girth of Half Midship Frame (as per Rule) 30.0

1st Number 63.2

Length on deck from after part of stem to fore part of stern post 218.82

2nd Number 13829.42

Proportions—Breadths to Length 6.4

Depth to Length—Main Deck to top of Keel 13.5

Destined Voyage Continental Ports If Surveyed while Building, Afloat, or in Dry Dock whilst Building & Afloat

Master

Year of appointment

Built at

Dublin

When built 1905-6 launched 23/8/06

By whom built Dublin Dockyard Co

Owners J. J. Harrison

Managers J. Defty

Residence 11-12 St. James St. London

Port belonging to Dublin

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
218	10		34	0		13	4		1	1

Dimensions of Ship per Register, Length, 220 breadth, 34.2 depth, 13.45 Moulded Depth, 15 ft. 6 ins. Round of Beam, Actual 8 1/2 ins.

FRAMING.						FORGINGS AND CASTINGS.					
FRAME, Angles, 7 x 7 Bars, for 1/2 length amidships						KEEL, Bar or Side Plates depth and thickness					
Do. for 1/2 at each end						STEM, moulding and thickness					
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.					
" " " at intermdt. Bkts.						" for Propeller					
Spacing of Frames from centre to centre						MAIN PIECE of Rudder, diameter at head					
REVERSED FRAME, Angles						do. at heel					
DEEP FRAMING, depth of girder						RUDDER, how constructed					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Can the Rudder be unshipped afloat?					
" in way of Engines and Boilers						KEELSONS AND STRINGERS.					
" thickness at the ends of vessel						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
" depth at 1/2 the half breadth, as per Rule						" Rider Plate					
" height extended at the Bilges						" Bulb Plate to Intercostal Keelson					
FLOORS & BRACKETS, in Cell Dble Bottoms						" Horizontal Plates on Floors					
" state if flanged (top & bottom)						" Angles					
" Spacing						SIDE KEELSON, Angles					
CENTRE GIRDER, in Double Bottom, depth and thickness						" Bulb or Plate above floors for lng.					
" Angles, Top						" Intercostal Plate for 1/10 length					
" Bottom						" Attached to outside plating with Angle					
SIDE GIRDERS, number on each side & thickness						BILGE KEELSON, Angles					
" state if flanged (top & bottom)						" Bulb or Plate above floors for lng.					
" Angles						" Intercostal Plate for length					
MARGIN PLATE, depth (exclusive of flange) and thickness						" Attached to outside plating with Angle					
" Angles to Outside Plating						BILGE STRINGER Angles					
" Floors						" Bulb Plate for length					
" Height of Floors at the Bilges						" Intercostal Plate for full length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Attached to outside plating with Angle					
" thickness in Engine and Boiler space						SIDE STRINGER Angles					
" Remainder in Holds						" Bulb Intercostal Plate for full lng.					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Attached to outside plating with Angle					
" Angles on Upper Edge						Main and Raised Quarter Deck Stringer Plate, breadth and thickness					
" Spacing						" Angle on ditto					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Tie Plates, outside Hatchways					
" Angles on Upper Edge						" Diagonal Tie Plates on Bms., No. of Pairs					
" Spacing						" Main Dk* Steel for full lng.					
BEAMS, Hold, Plate or Tee Bulb						" R. Q. Dk* Steel for full lng.					
" Angles on Upper Edge						" Wood Deck, Material & thickness					
" Spacing						Lower Deck Stringer Plate, breadth and thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						" Angles on ditto, No.					
" Angles on Upper Edge						" Tie Plates, outside Hatchways					
" Spacing						" Deck* Material and thickness					
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb						Hold Stringer Plate					
" Angles on Upper Edge						" Angles on ditto, No.					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						" Angle on ditto					
" Angles on Upper Edge						" Tie Plates					
" Spacing						" Deck, Material and thickness					
PILLARS, In 'tween Decks, Size and Spacing						Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness					
" Hold						" Angle on ditto					
" Quarter, 'tween Dks., "						" Tie Plates					
" in Hold						" Deck, Material and thickness					
WEB FRAMES, In Fore Body, No. and Spacing						Forecastle Deck Stringer Plate, brdth & thcknss					
" Brdth. & Thickness						" Angle on ditto					
" No. of Side Stringers						" Tie Plates					
WEB FRAMES, In E. & B. Space, No. & Spacing						" Deck, Material and thickness					
" Brdth. & Thickness						BULKHEADS.					
WEB FRAMES, In After Body, No. and Spacing						In Vessel					
" Brdth & Thickness						Per Rule					
" No. of Side Stringers						Thickness					
Size of Angles or Tee Bars to Web Frames						STIFFENERS.					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						Horizontal					
						Vertical					
						Single or Double Frames					
						Height up					

PLATING.										RIVETING.												
STRAKES.	AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		FORWARD.		AFT.	Ordinary or Joggled?		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAITS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.	Single or Double.	Breadth of Lap.		Diam.		Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.			
											Inches.	Inches.										
FLAT PLATE KEEL	36	13	11	10	34	13	Double	5 1/4	7/8	4	Double FL	7/8	3 1/2									
GARBOARD OF A Strake ..	35	10	10	9	34	10		4 1/2	7/8	3 3/4	" 4 L	7/8	3 1/2	✓	✓	9	7 1/2					
B " State actual thickness in way of Double Bottom.	50	9	8	8	54	9		"	"	"	"	"	7/8	2 3/4			9	7 1/2				
C " "	46	9	9	9	46	9		"	"	"	"	"	"	"			"	"				
D " "	54	9	8	8	54	9		"	"	"	"	"	"	"			"	"				
E " "	44	9	8	8	46	9		"	"	"	"	"	"	"			"	"				
F " "	54	9	8	8	54	9		"	"	"	"	"	"	"			"	"				
G " "	42	9	8	8	46	9		"	"	"	"	"	"	"			"	"				
H " "	50	9	8	8	54	9		5 1/4	7/8	4	"	"	7/8	3 1/2			9	7 1/2				
Sheer J " "	37	11	9	8	36	11		"	"	"	"	"	"	"			9	7 1/2				
K " "																						
L " "																						
M " "																						
N " "																						
O " "																						
P " "																						
DOUBLING of Flat Plate Keel																						
Length and thickness of Bilges	doubled as per approved plan																					
Length and thickness of Sheerstrakes ..	doubled as per approved plan																					
Length and thickness of Strake below	doubled as per approved plan																					
POOP SIDES																						
RAISED QUARTER DECK SIDES	48	11.12		7	48	11.12																
BRIDGE SIDES	40	8.7			40	8.7																
FORECASTLE SIDES		5				5																
LENGTHS OF PLATING	9 frame spaces																					

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. *Seimens Process Steel Co of Scotland Dalzell Steel & Iron Works Glasgow Iron & Steel Co*

Has the Steel been tested as required by the Rules *Yes*

Main Stringer Plate Butts, treble riveted for $\frac{3}{8}$ length amidship. Straps, single, double or overlapped for $\frac{3}{8}$ length amidship

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *treble*

Inner Bottom Plating, riveting of Edges *single Butts double & single*

Centre Girder Butts, *treble* riveted. Keelson Butts, *treble* riveted.

Frames, riveted through Plates with $\frac{3}{4}$ in. Rivets, about $5\frac{1}{2}$ apart.

Rivets, state whether of Iron or Steel *Iron*

FRAMES extend in one length from *Anterior to the Main Mast, Bridge & R.R. Deck* state if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *Centre Line to Main Mast & from Main Mast to R.R. Deck* state if ordinary or joggled *"*

MASTS, SPARS, &c.									
Masts.	Fore.	Main.	Mizen.	Material.		Total length.		DIAMETER AND THICKNESS.	
				At Partners.	Heel.	Head.	No. of Plates in round.	Number.	Size.
Fore Mast.				P.Pine	67	16 1/2	13	11	2 1/2
Main Mast.				"	54	16 1/2	15 1/2	11	2 1/2
Mizen Mast.				"	38	9	9	5	2
Bowsprit									
Topmast, Vane and Remainder of Spars				P.Pine					
Rigging, Material and Size, Shrouds	Ft Main 3' 2 1/2" Mizen 2' 2 1/2" Stays Fore 3' 2 1/2" Mizen 2' 2 1/2"								
Sails.	Main 2' 2 1/2" Mizen 2' 2 1/2" Stays 2' 2 1/2" Mizen 2' 2 1/2"								

ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.	
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Description of Anchor.
57731	1st Bower	24	3	10	✓	24	12	3	7
57734	2nd "	22	1	5	✓	22	13	0	14
57440	3rd "	20	2	8	✓	21	5	3	21
	Collective weight	67	2	23	✓	67	2	23	✓
57760	Stream	6	0	3	✓	6	0	3	✓
57789	Kedge	3	0	1	✓	3	0	1	✓
Tonnage U.Dk. or Plating No. for Trawlers									

CHAIN CABLES.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.		Description.
	Length.	Diam.	Static.	Break.	Supplied.	Per Table 22.	Length.	Diam.	
40410	105	1 1/4	37 1/2	55 1/2	110.1.2	210	1 1/4	37 1/2	Standard - Harter's
39601	105	1 1/4	37 1/2	55 1/2	110.2.22 1/2	210	1 1/4	37 1/2	"
1000	60	3/4	26	42	60	60	3/4	26	Steel Wire - Harter's

Boats *3*

Pumps, Number *Hot 4 1/2" diam & 1 at 3* Diameter of Barrel *4 1/2"* State whether they are in efficient working order *yes*

Windlass is *Steam* Capstan *Steam*

Engine Room Skylights.—How constructed? *steel plates in deep Coaming*

What arrangements for deadlights in bad weather? *None required*

Coal Bunker Openings.—How constructed? *Trussed Hatch* How are lids secured? *solid iron covers* Height above deck? *7-6"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *4 scuppers & 3 ports Freeing Ports in hull in 2'-9" x 1'-9"*

Ceiling in Holds, thickness and material *1 1/2" steel plates* Cargo Battens, thickness and material *6" x 2" White Pine*

Cargo Hatchways.—How formed? *steel plate Coaming* Hatches.—If strong and efficient? *yes*

State size No. 1 Hatch (Forward) *15' 4" x 14' 6"* No. 2 Hatch *28' 9" x 16'* No. 3 Hatch *26' 10" x 17'* No. 4 Hatch *"*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *3 fore & afters to each Hatch*

Shifting beams in No. 1 & 2 webs in No. 2 & 3 *"* No. of Breasthooks *1* No. of Crutches *1*

Bulwarks, height above deck and description *51" x 7/20 steel* Main Rail and Stays, material and size *Steel B.A. B Plate strap 6" x 1/2"*

The above is a correct description.

Builder's Signature *The Dublin Dockyard Co.* Surveyor's Signature *John MacWilliam*

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)

VI 17th Oct 1905 31st Oct 4th Nov 7th of the 1st Sept 1906

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 facing surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *none*

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)? *Yes* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *The quality of workmanship is good.*

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report, Plans of midship section, profile & deck stem post, bulwark & pumping arrangements and two reports of Ship's Forgings.

Sister vessel the S.S. "Lillebonne" Dublin Report No 2337.

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 *107.3* ft., Bridge Dk. *13.5* ft., F'castle *27.25* 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

Raised Quarter Deck is joined to Bridge Deck

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*

How are the surfaces preserved from oxidation? Inside *Cement Coated & painted* Outside *Coated with paint.*

PARTICULARS OF WATER BALLAST.									
Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.	Where fitted.
Double bottom, aft,			Fore peak tank,			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,			Other tanks, if fitted,						(if necessary, furnish further information by sketch.)
	134	231							
	Total capacity 358			State whether the above have been tested as required by the Rules			Yes.		

Order for Special Survey No. *1905 Nov 9. 17. 18. 22. 23. 28. 30. Dec 6. 7. 8. 11. 12. 13. 21. 30.*

Date *21st Oct 1905*

No. *56* in builder's yard

Surveyor's Name *John MacWilliam*

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

The amount of Entry Fee *£ 3 : 0 : 0* Fees applied for, *19*

Special *£ 45 : 7 : 0* Received by me *29.9.06*

Travelling Expenses, if any *£* *"*

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. 19 OCT 1906*

Character assigned *100 A*

Lloyds & Co. P.

Lmb 1006