

With or Without Disconnected Erections.

STEEL STEAMER.

THU. APR. 23. 1914

Received at London Office

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

Date of completion of report *15th April 1914*

Survey held at *Selly*

Port of Hull

Date, First Survey *Nov. 21st*

Last Survey *April 15th*

No. *27395* 1914

On the (State if Single, Twin, or Triple Screw) *Steam Trawler "PENTLAND"*

Rig *Ketch*

TONNAGE under Tonnage Deck *204.50*

CLASS *Steam Trawler* FEET.

Master *J. Marchand*

Year of appointment

(1) As Master in service of owner of present vessel - 1911
(2) As Master of this vessel - 1914

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) *22.37*

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side *13.16*

Do. of Poop

Transverse Number *35.53*

Do. of Bridge House

Length on deck from fore part of stem to after part of stern post *112.00*

Do. of Forecastle

Longitudinal Number *3979*

Do. of Houses on Dk.

Depth "d," at middle of length (See Secs. 2 & 13) *11.53*

Do. of excess of Hatchways

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *8.51*

Do. above Crown of Engine Room

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

Gross Tonnage *204.50*

Less Crew Space *20.29*

Less above Crown of Engine Room *184.21*

TONNAGE FOR FEES *184.21*

Less Engine Room *90.39*

Less Navigation Spaces *15.12*

Register Tonnage as cut on Beam *48.40*

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
	112	0		22	4 1/2		12	5	One	One

Dimensions of Ship per Register, Length *112.2* breadth *22.5* depth *12.45*. Moulded depth, ft. *13* ins. *2* To Bridge Dk. Round of Upper Dk. Beam, Actual *7* ins.

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule	Inches per Rule		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule
FRAME, Angles, on Cor. Beams amidships	4	3	40	4	3	40	PILLARS, In 'tween Deck, size and spacing	✓					
Do. in peaks							" " Hold	✓			2½	As arranged	
Do. in way of Double Bottoms at Solid Floors	✓						" " Quarter 'tween Dks.,	✓					
" " at intermdt. Bkts.	✓						" " in Hold	✓					
Spacing of Frames from centre to centre amidships	20	✓		20			KEELSONS & STRINGERS.						
" " " " from ½ length to Collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	4½		50	7½		50
" " " " in peaks							" Rider Plate	✓					
REVERSED FRAME, Angles	3	3	37	3	3	37	" Flat Plate Keel Angles	✓					
Do. in way of Double Bottoms at Solid Floors	✓						" Horizontal Plates on Floors	✓					
" " at intermdt. Bkts.	✓						" Angles or Bulb Angles	4	3	50	4	3	50
FRAMING, depth of girder	4			4			SIDE KEELSONS, Number	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for ½ length amidships	16		37	16		37	" Angles or Bulb Angles	✓					
" in way of Engine and Boiler Spaces			43			43	" Plate above floors, for length	✓					
" thickness at the ends of vessel			37			37	" Intercoastal Plate, for length	✓					
" depth at ½ the half breadth, as per Rule	Straight across plan						" Attached to outside Plating with Angle	✓					
" height extended at the Bilges							BILGE KEELSON, Angles (On)	5	4	40	5	4	40
LOORS in Cell. Double Bottoms	✓						" Intercoastal Plate for length	✓	✓				
" state if flanged (top & bottom)	✓						" Attached to outside Plating with Angle						
" Spacing of Solid floors	✓						SIDE STRINGERS, Number	On	✓		On		
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	✓						" Angle (On)	5	4	40	5	4	40
" Angles, Top	✓						" Intercoastal Plate, for length	✓					
" Bottom	✓						" Attached to outside plating with Angle	✓					
" to Floors	✓						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	23		37	23		37
Brackets at intermdt. frmng., wdth & thknss	✓						" " " " br'dth & thickness (in way of Bridge)	✓					
DE GIRDERS, number on each side & thickness	✓						" " " " Angle (clear of Bridge)	3 x 3		37	3 x 3		37
" state if flanged (top and bottom)	✓						" Tie Plate at sides of Hatchways	7		37	7		37
" Angles (top and bottom)	✓						" Deck * Iron or Steel, for Machinery Space and Painters			35	31		35-31
" to Floors	✓						" Thickness (clear of Bridge)	✓					
RGIN PLATE, depth (exclusive of flange) and thickness	✓						" (in way of Bridge)	✓					
" Angle to Outside Plating	✓						" Wood Deck, Material & thickness P.Pine	3½	✓		3½		
" Floors	✓						Second Deck Stringer Plate, br'dth & thickness	✓					
Brackets at intermdt. frmng., wdth & thknss	✓						" Angles on ditto, No.	✓					
Height of Outside Brackets above at bilge	✓						" Tie Plates outside Hatchways	✓					
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓						" Deck * Iron or Steel, for lng.	✓					
" in Engine and Boiler space	✓						" Wood Deck, Material & thickness	✓					
" Remainder in Holds	✓						Third Deck Stringer Plate, br'dth & thickness	✓					
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	50	" Angles on ditto, No.	✓					
" In way of Long Bridge	✓						" Tie Plates, outside Hatchways	✓					
" Spacing	40	✓		40			" Deck * Material and thickness	✓					
MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						Fourth and Fifth Deck Stringer Plate, breadth & thickness	✓					
" Spacing	✓						" Angles on ditto, No.	✓					
MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						" Tie Plates outside Hatchways	✓					
" Angles on upper edge	✓						" Deck, Material & thickness	✓					
" Spacing	✓						Poop Deck Stringer Plate, breadth & thickness	✓					
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						" Angle on ditto	✓					
" Angles on upper edge	✓						" Tie Plates	✓					
" Spacing	✓						" Deck, Material and thickness	✓					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						Bridge Deck Stringer Plate, br'dth & thickness	✓					
" Angles on upper edge	✓						" Angle on ditto	✓					
" Spacing	✓						" Tie Plates	✓					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						" Deck, Material and thickness	✓					
" Angles on upper edge	✓						Forecastle Deck Stringer Plate, b'dth & th'kns	✓					
" Spacing	✓						" Angle on ditto	✓					
	✓						" Tie Plates	✓					
	✓						" Deck, Material and thickness	✓					

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

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

WEB FRAMES.										Inches in Ship.		Inches in Ship.		Inches per Rule Or as Approved.		FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule Or as Approved.																																																																																									
WEB-FRAMES, In Fore Body, No. and spacing										✓							KEEL, Bar, depth and thickness		8 x 2	✓	8 x 2																																																																																								
" " brdth. & thickness										✓							STEM, moulding and thickness		8 x 2	✓	8 x 2																																																																																								
" No of Side Stringers " "										✓							STERN-POST for Rudder do. do.		5 3/4 x 2 3/4	✓	5 3/4 x 2 3/4																																																																																								
WEB-FRAMES, In E. & B. Space, No. & spacing										✓							" for Propeller		5 3/4 x 2 3/4	✓	5 3/4 x 2 3/4																																																																																								
" " brdth. & thickness										✓							" Main-Piece, diameter at head		4 1/2	✓	3 3/4																																																																																								
" " " brdth. & thickness										✓							" " " at heel		3 1/2 x 3	✓	2 1/2 x 2 1/2																																																																																								
" No. of Side Stringers " "										✓							" " " " "																																																																																												
Size of Face Angles to Web-Frames.....										✓							" " " " "																																																																																												
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....										✓							" " " " "																																																																																												
BULKHEADS.										Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.	" " " " "																																																																																													
										Vessel.	Per Rule.	Horizontal.	Vertical.																																																																																																
										Inches.	Inches.	Size.	Spacing.	Size.	Spacing.																																																																																														
										Inches.	Inches.	Inches.	Inches.	Inches.	Inches.																																																																																														
W.T.BULKHEADS										4	4	26	4 1/2 x 3 x 3/4	30	Single	OK	" " " " "																																																																																												
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" COLLISION "											26	4 x 3 x 20	4 1/2	Single	OK	" " " " "																																																																																													
PARTITION "										✓							" " " " "																																																																																												
LONGITUDINAL,										✓							" " " " "																																																																																												
Are the outside Plates doubled two spaces of Frames in length?										Diamond plates fitted.										" " " " "																																																																																									
Are the Stairs Valves and Watertight Doors in efficient working order?										Yes										" " " " "																																																																																									
Has the Steel been tested as required by the Rules?										Yes										" " " " "																																																																																									
PLATING.										RIVETING.										" " " " "																																																																																									
AS IN SHIP.										PER RULE OR AS APPROVED.										EDGES, Ordinary or jogged?										BUTTS.																																																																															
STRAKES.										AMIDSHIP.										Single or Double.										RIVETS.										Double or Treble and for what Length.										RIVETS.										STRAPS.										IF LAPPED.																																							
										Breadth.										Thickness.										Thickness.										Thickness.										Breadth.										Thickness.										Breadth.										For what Length.																													
										Inches.										Inches.										Inches.										Inches.										Inches.										Inches.										Inches.										Inches.										Inches.																			
FLAT PLATE KEEL.....										18 on Keel																				1										5																																																																					
GARBOARD of A Strake										36										43										37										37										36										43																																																	
State actual thickness in way of Double Bottom.										B										37										37										37										37										37										37										37										37										37									
C										37										37										37										37										37										37										37										37										37										37									
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EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.		Anchors.		WEIGHT, E.K. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
42150	1st Bower	5	0	21	1	7	9	2	21	5	0	0	Rodgers	S. Taylor & Sons	L.P.H.T. 25-3-14	Perins	
42147	2nd "	4	2	7	1	0	17	2	0	4	2	0		"	"	"	
42148	3rd "	2	2	0	1	2	5	0	0	2	2	0		"	"	"	
	4th "																
	Collective weight																
	Stream																
	Kedge																

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 Towing.		Length and size per Table 31.			
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.													
42455	90	3	1	12	24	52	2	14	49	3	13	90	1	Clear	L.P.H.T. 4-3-14	35	1	16	0	2	3	15	2	60	5
														Sink	Not stated	C.S. Perins, Super	Wine, each								

Boats One
Pumps Number 3
Windlass is by Cummins & Fawcett (Hand & Manning)
Engine Room Skylights—How constructed? Plate & angles
Coal Bunker Openings—How constructed? Cast iron rings
Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** On each side, 5 Scuppers, 3 Freeing ports 18 x 9
Ceiling in Holds, thickness and material 2" pine
Cargo Hatchways—How formed? Plate and angles
State size No. 1 Hatch (Forward) 2-3 x 2-3 No. 2 Hatch 3-4 x 4-0 No. 3 Hatch 3-4 x 4-0 No. 4 Hatch 3-4 x 4-0
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4

Bulwarks, height above deck and description 2-9 x 3-1
The foregoing is a correct description.
Builder's Signature (here only) J.M. Cochran
Surveyor's Signature Allison B. Wilson
Reference should be made in any correspondence connected with the case (Per) 15-3-13

Correspondence—State dates and initials of letters respecting this case (Per) 15-3-13
 12-11-13 (E) 29-4-13

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? A 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)? Trawler State results of tests ✓
 Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Trawler State results of tests ✓

General Remarks (State quality of workmanship, &c.) Workmanship 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:—Photo prints of the approved plans of Midship Section, Profile and Deck, and a Report on Ships' Fittings. Photo print of Pumping Arrangements.

This is a Sister Vessel to the "Opiton", "Baidlington", etc. Hull Reports 26818, 26774, etc.
 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
 Special Survey Fee £ 9 : 4 : 0
 Travelling Expenses, if any £ 19 : 0 : 0
 Fees applied for, 22-4-19/4
 Received by me, 24-4-19/4
 Certificate to be sent to Hull Date of issue

State whether the Vessel has been built under Special Survey Yes
 I am of opinion this Vessel should be Classed 100 A "Steam Trawler"
 With, or without Froboard, as condition of Class Without.
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. APR. 24. 1914
 Character assigned 100 A.1. Steam Trawler
 Lloyd's A.C.P. + L.M.C. 4. 14

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ 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 should appear in the Register Book). *1 Dr.*

Official No. *136187*; Signal Letters ✓ State if Machinery is fitted aft *Yps.*
How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* 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, ✓		
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, ✓	<i>13-4</i>	<i>31-</i>
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 *Yps.*

Order for Special Survey No. *2019*

Date

No.

in builder's yard.

DATES of Surveys held while building

1913:—Nov 21. 25. 28. Dec 4. 8. 11. 15. 18. 23. 29. 1914:—Jan 2. 7. 14. 15. 20. 22. 27. 28. Feb 4. 12. 13. 25. 27. Mar 3. 6. 11. 13. 24. Apr 2. 6. 8. 15.

Total No. of Visits *33*

Surveyor's Signature *Allison G. Wilson*

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