

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office THU. 30 MAY 1918

Date of completion of report

Survey held at Beverly & Hull

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

25-5-18 Port of Hull

Date, First Survey 26-7-17

Last Survey

No. 30,538

25-5

1918

On the (State if Single, Twin, or Triple Screw)

Steam Trawler "Patrick Bowe"

Rig Ketch

TONNAGE under

Tonnage Deck

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

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Room

FOR FEES

ine Room

igation Spaces

r Tonnage

on Beam

CLASS 100 A1

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

When built

Launched

By whom built

Owners

Managers

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

Residence

Port belonging to

Destined Voyage Admiralty Service If Surveyed while Building Afloat, or in Dry Dock Yes

TH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid one
er Rule 125 0 Moulded 23 4 1/2 Do. do. do. do. Second Dk. Beams 12 9 No. of Tiers of Beams one

ions of Ship per Register, Length 125.5 breadth 23.5 depth 12.7 Moulded depth, ft. 13 ins. 6 To Bridge Dk. Round of Upper } 7 ins.
Moulded depth, ft. 13 ins. 6 To Upper Dk. Dk. Beam, Actual }

FRAMING.						PILLARS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.
IE, Angles, or <u>E or L</u> Bars amidships						PILLARS, In 'tween Deck, size and spacing					
4 1/2	13	9/20	4 1/2	3	9/20	" " Hold " "					
4 1/2	13	9/20	4 1/2	3	9/20	" " Quarter 'tween Dks., " "					
in way of Double Bottoms at Solid Floors...						" " in Hold " "					
" " at intermdt. Bkts.						KEELSONS & STRINGERS.					
g of Frames from centre to centre amidships						CENTRE LINE KEELSON, Vertical Plate above					
21			21			floors, Through Plate, or Intercoastal Plate					
21			21			Rider Plate					
21			21			" Flat Plate Keel Angles					
" " length to Collision bulkhead						" Horizontal Plates on Floors					
3	13	9/20	3	3	9/20	" Angles or Bulb Angles <u>DOUBLE</u>					
" " in peaks.						SIDE KEELSONS, Number					
" " on floors						" Angles or Bulb Angles					
in way of Double Bottoms at Solid Floors...						" Plate above floors, for length...					
" " at intermdt. Bkts.						" Intercoastal Plate, for length					
" " Double <u>E & B</u> space						" Attached to outside Plating with Angle...					
" " 8/20						BILGE KEELSON, Angles <u>one</u>					
" " 4 1/2						" Intercoastal Plate for length					
" " 16						" Attached to outside Plating with Angle...					
" " 16						SIDE STRINGERS, Number <u>one</u>					
" " 8/20						" " Angle <u>one</u>					
" " 8/20						" Intercoastal Plate, for length					
" " 8/20						" Attached to outside plating with Angle...					
" " 8/20						Upper Deck Stringer Plate, br'dth & thickness					
" " 8/20						(clear of Bridge)					
" " 8/20						" " " " br'dth & thickness					
" " 8/20						(in way of Bridge)					
" " 8/20						" " " " Angle (clear of Bridge)					
" " 8/20						" " Tie Plate at sides of Hatchways					
" " 8/20						" Deck * Iron or Steel, for <u>E & B</u> lng.					
" " 8/20						" " Thickness (clear of Bridge)					
" " 8/20						" " (in way of Bridge)					
" " 8/20						" Wood Deck. Material & thickness					
" " 8/20						Second Deck Stringer Plate, br'dth & thickness					
" " 8/20						" Angles on ditto, No.					
" " 8/20						" Tie Plates outside Hatchways					
" " 8/20						" Deck * Iron or Steel, for lng.					
" " 8/20						" Wood Deck. Material & thickness					
" " 8/20						Third Deck Stringer Plate, br'dth & thickness					
" " 8/20						" Angles on ditto, No.					
" " 8/20						" Tie Plates, outside Hatchways					
" " 8/20						" Deck * Material and thickness					
" " 8/20						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" " 8/20						" " " Angles on ditto, No.					
" " 8/20						" " " Tie Plates outside Hatchways					
" " 8/20						" " Deck. Material & thickness					
" " 8/20						Poop Deck Stringer Plate, breadth & thickness					
" " 8/20						" Angle on ditto					
" " 8/20						" Tie Plates					
" " 8/20						" Deck. Material and thickness					
" " 8/20						Bridge Deck Stringer Plate, br'dth & thickness					
" " 8/20						" Angle on ditto					
" " 8/20						" Tie Plates					
" " 8/20						" Deck. Material and thickness					
" " 8/20						Forecastle Deck Stringer Plate, b'dth & th'kns					
" " 8/20						" Angle on ditto					
" " 8/20						" Tie Plates					
" " 8/20						" Deck. Material and thickness <u>Steel</u>					

WEB FRAMES.				Inches in Ship.				Inches per Rule.				FORGINGS or CASTINGS.				Inches in Ship.				Inches per Rule.			
WEB-FRAMES, In Fore Body, No. and spacing												KEEL, Bar, depth and thickness				BULB.....	7½ x 1½	7½ x 1½					
" " " brdth. & thickness												STEM, moulding and thickness				".....	7½ x 1½	7½ x 1½					
" " " No. of Side Stringers												STERN-POST for Rudder do. do.				6 x 3	6 x 3						
WEB-FRAMES, In E. & B. Space, No. & spacing												" for Propeller				6 x 3	6 x 3						
" " " brdth. & thickness												RUDDER—A×D* Table 22. Speed				10½ knots	71.24						
" " " No. of Side Stringers												" Main-Piece, diameter at head				4½	4½						
" " " Size of Face Angles to Web-Frames.....												" " " at heel				3 x 2¾	3 x 2¾						
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....																							
BULKHEADS.				STIFFENERS.				Single or Double Frames.				Height up state deck.											
Number.		Thickness.		Horizontal.		Vertical.																	
Vessel.	Per Rule.	Inches.	Inches.	Spacing.	Size.	Spacing.	Size.	Spacing.	Size.	Spacing.	Size.	Spacing.	Size.	Spacing.	Size.								
W.T.BULKHEADS		3	3																				
Frame 44		Nº 2	40 x 5¼		5½ x 3 x 6	24	single deck																
" "		6	Nº 3	4¼		4 x 3 x 8	24																
Frame 66		Nº 1	40 x 5¼		5½ x 3 x 6	24																	
" COLLISION "																							
PARTITION "																							
LONGITUDINAL,,																							
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, Plating, &c.?																							
Cargis Sheet Iron Co. Ltd. Corbett Iron Co. Ltd. South Durham Steel & Iron Co. Ltd.																							
Has the Steel been tested as required by the Rules? Yes.																							
PLATING.																							
RIVETING.																							
EDGES.																							
BUTTS.																							
STRAKES.																							
AS IN SHIP.																							
PER RULE OR AS APPROVED.																							
AMIDSHIP.																							
DOUBLE OR JOGGED?																							
ORDINARY.																							
JOGGED.																							
DOUBLE BUTT.																							
SINGLE BUTT.																							
FLAT PLATE KEEL.....																							
(1) Bar Keel, state Riveting.)																							
GARBOARD or A Strake																							
State actual thickness in way of Double Bottom.																							
Shur																							
H																							
J																							
K																							
L																							
M																							
N																							
O																							
P																							
Q																							
R																							
S																							
T																							
U																							
V																							
W																							
THICKNESS OF SHEET PILE																							
CLEAR OF LONG BRIDGE																							
DO. OF STRAKE BELOW																							
DBLG. OF Flat Plate Keel																							
Sheerstrakes																							
Length and thickness.																							
POOP SIDES																							
SHORT BRIDGE SIDES ...																							
FORECASTLE SIDES																							
* Where a long bridge is fitted the thickness of Upper Deck Sheerstrakes and Strakes below should also be stated clear of same.																							
Upper Deck																							
Stringer Plate																							
Butts, riveted for Full length amidship.																							
Straps, single, double or overlapped for Full length amidship.																							
Second Deck																							
Stringer Plate																							
Butts, riveted for Full length amidship.																							
Straps, single or overlapped for Full length amidship.																							
Inner Bottom Plating, riveting of Edges																							
Centre Girder Butts, riveted. Keelson Butts, riveted.																							
Frames, riveted through Plates with 3/4 in. Rivets, about 5' apart.																							
Rivets, state whether Iron or Steel Iron																							
FRAMES extend in one length from Keel to Deck																							
REVERSED FRAMES on floors and frames extend from Bilge to bilge where no concrete																							
State if ordinary or jogged ordinary																							
State if ordinary or jogged ordinary																							
MASTS, SPARS, &c.																							
LOWER MASTS.....																							
Fore P.P. Pine Pole																							
Main P.P. Pine Pole																							
Mizen P.P. Pine Pole																							
Bowsprit																							
Topmasts, Yards and Remainder of Spars																							
Rigging, Material and Size, Shrouds																							
Sails, one Suit of Canvas																							
Sails, and the following spare sails																							

EQUIPMENT No.						ANCHORS.						TONNAGE U. DK. OR PATENT No. FOR TRAWLERS 4609.						
Number of Certificate.		Anchors.		WEIGHT, EX. 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.							
48532	1st Bower	8	2	21				10	15	0	0	7	1	0	Stockless	J. Wright	Tipton 26-7-17 C.E. Pennington	
24758	2nd "	7	1	14				9	11	2	7	6	2	0	-do-	"	S.H. 16-3-17 S.S. Paul	
48546	3rd "	3	0	18				3	17	5	12	0	21	3	0	Iron Stock	J. Green	Tipton 30-7-17 C.E. Pennington
	4th "																	
	Collective weight.	19	0	25								16	3	0				
	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 "

Forged.

CHAIN CABLES.										HAWSERS 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 Towline.		Length and Size per Table 31.		
		Fathoms.	Inches.	Tons.	Cwts.	Qrs.	Lbs.	Tons.	Cwts.	Qrs.	Lbs.							Fathoms.	Inches.	Tons.	Cwts.	Qrs.	Lbs.	
66716		103½	1½	20.3	30.4	60.3	12	60.2	18	105	1½	Steel	Higley & Son	N. 8-11-17 H. Green			TOWLINE	60	2½	12.3	60	2½		
																		HAWSERS & WARPS	60	2¼	10.1	60	2¾	

Boats *One*
Pumps, Number *4*
Windlass is *Steam*
Engine Room Skylights.—How constructed? *Steel*
Coal Bunker Openings.—How constructed? *E.I. Rises*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 scuppers 14 ports on 2'-0" x 10' + 18" x 9" on side*
Ceiling in Holds, thickness and material *iron*
Cargo Hatchways.—How formed? *Steel plate & angles*
State size No. 1 Hatch (Forward) *No. 2 Hatch* *No. 3 Hatch* *No. 4 Hatch*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch
Bulwarks, height above deck and description *35" x 44" x 5/16 steel*
The foregoing is a correct description.
Builder's Signature (here only) *W.H. Patterson*
Steering Gear, Steam *✓*
Diameter of Barrel *4"*
Capstan *✓*
Steering Gear, Hand *Gummelt & Thow*
State whether they are in efficient working order *Yes*
What arrangements for deadlights in bad weather *Plut flaps & bullseyes*
Height above deck? *flush*
Cargoes, thickness and material *✓*
Hatches, If strong and efficient? *Yes*
No. of Breasthooks *2*
No. of Crutches *Sup floors*
Main rail, material and size *6½ x 3 x ¾ Butt angle*
Surveyor's Signature *P. Fitzgerald*
Director *M. Blackwood*
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
Mr. J. J. 17, 1.8.17
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 facing 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.)
This vessel has been built in accordance with the approved plans and Secretary's letter and in general conformity with the rules of this Society. The workmanship and materials used throughout are good.
Sister Vessel "William Bell" Hull Report No. 30519
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 £ *4* : 0 : 0
Special Survey Fee... £ *26* : 2 : 0
Travelling Expenses, if any £ : :
Fees applied for, received by me. *MP*
Certificate to be sent to *Shill*
Date of issue *31/5/18*
State whether the Vessel has been built under Special Survey *Yes*
I am of opinion this Vessel should be Classed *A1/100A.1 Steam Trawler*
With, or without Freeboard, as condition of Class *Without*
Committee's Minute
Character assigned *100T.1. Steam Trawler*
Lloyd's A & C.P.
+ L.M.C. 5.18
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 71.75 ft., Bridge ✓ ft., Forecastle 21 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) 105 ✓

Official No. Admiralty; Signal Letters ✓ State if Machinery is fitted aft Yes ✓
How are the surfaces preserved from oxidation? Inside Paint, cement & Bitumastic Solution 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,		
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.

Order for Special Survey No. ✓

Date ✓

No. 386 in builder's yard.

DATES of Surveys held while building

1917: July 26 Aug 2. 15. 24. 29. Sep. 6. 11. 19. 26. Oct. 5. 10. 19. 24. 31. Nov 7. 14. 21. 28. Dec 4. 10. 21. 28.
1918: Jan 2. 11. 16. 23. 29. Feb 5. 8. 14. 22 Mar 1. 7. 13. 19. 27 Apr 4. 12. 25. May 8. 10. 11. 14. 16.
22. 25.

Total No. of Visits 47

Surveyor's Signature P. Fitzgibbon & M. Blackwood