

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

Date of completion of report

Survey held at *Beverly & Hull*

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

*16-5-18*

Port of

*Hull*

Date, First Survey

*11-7-17*

Last Survey

No. *30519*

*14<sup>th</sup> May 1918*

On the (State if Single, or Screw)

*Steam Trawler "William Bell"*

Rig

*Ketch*

TONNAGE under

*248.83*

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of B.O. 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

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register 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

*Beverly*

When built

*1918*

Launched *17-1-18*

By whom built

*Cook, Welton & Gemmell, Ltd.*

Owners

*British Admiralty*

Managers

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

Residence

Port belonging to

Destined Voyage *Admiralty Service*

Surveyed while Building, Afloat, & in Dry Dock *yes*

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

Dimensions 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 Dk. Beam, Actual *7* ins.

FRAMING.							PILLARS.							Inches in Ship.		Inches Spacing in Ship.		Inches per Rule Or as		Inches per Rule Approved.	
CAME, Angles, or Bars amidships	4 1/2	3	9/20	4 1/2	3	9/20	PILLARS, In 'tween Deck, size and spacing														
Do. in peaks	4 1/2	3	9/20	4 1/2	3	9/20	" " Hold											3" dia. & as arranged			
Do. in way of Double Bottoms at Solid Floors...							" Quarter 'tween Dks.,														
" " at intermdt. Bkts.							" in Hold														
acing of Frames from centre to centre amidships		21			21		KEELSONS & STRINGERS.														
" " " " from } length to Collision bulkhead		21			21		CENTRE LINE KEELSON, Vertical Plate above	8 1/2	x	1/2	8 1/2	x	1/2								
" " " " in peaks..		21			21		floors, Through Plate, or Intercostal Plate														
EVERSED FRAME, Angles on floors	3	3	1/20	3	3	1/20	" Rider Plate														
Do. in way of Double Bottoms at Solid Floors...							" Flat Plate Keel Angles														
" " at intermdt. Bkts.							" Horizontal Plates on Floors														
RAMING, depth of girder	4 1/2						" Angles or Bulb Angles	5	3	1/2	5	3	1/2								
LOORS, depth and thickness of Floor Plate at mid-line for } length amidships...	16	x	8/20	16	x	8/20	SIDE KEELSONS, Number														
" in way of Engine and Boiler Spaces	16	x	9/20	16	x	9/20	" Angles or Bulb Angles														
" thickness at the ends of vessel	16	x	8/20	16	x	8/20	" Plate above floors, for length...														
" depth at 3/4 the half breadth, as per Rule							" Intercostal Plate, for length														
" height extended at the Bilges							" Attached to outside Plating with Angle...														
FLOORS in Cell. Double Bottoms							BILGE KEELSON, Angles	5	4	8/20	5	4	8/20								
" state if flanged (top & bottom).....							" Intercostal Plate for length														
" Spacing of Solid floors							" Attached to outside Plating with Angle ...														
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							SIDE STRINGERS, Number	one													
" " Angles, Top							" Angle	one	5	4	8/20	5	4	8/20							
" " " Bottom							" Intercostal Plate, for length														
" " " to Floors							" Attached to outside plating with Angle.....														
" Brackets at intermdt. frmng., wdth & thknss							Upper Deck Stringer Plate, br'dth & thickness	24 x 3/16 TO		24 x 3/16 TO											
SIDE GIRDERS, number on each side & thickness							(clear of Bridge)	17 x 5/16		17 x 5/16											
" state if flanged (top and bottom)							" " " " br'dth & thickness														
" Angles (top and bottom)							(in way of Bridge)														
" " " to Floors							" Angle (clear of Bridge) ...	3 x 3 x 3/8		3 x 3 x 3/8											
MARGIN PLATE, depth (exclusive of flange) and thickness							" Tie Plate at sides of Hatchways.....	8 x 6/16		8 x 6/16											
" Angle to Outside Plating							Deck. * Iron or Steel, in way of	E 9 B OPENING		5/20											
" " Floors							" Thickness (clear of Bridge) .....														
Brackets at intermdt. frmng., width & thknss							" (in way of Bridge) .....														
Height of Outside Brackets above at bilge							Wood Deck. Material & thickness	5 x 3 P.P.		5 x 3 P.P.											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							Second Deck Stringer Plate, br'dth & thickness														
" in Engine and Boiler space							" Angles on ditto, No.														
" " Remainder in Holds							" Tie Plates outside Hatchways														
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	5 1/2	3	10/20	5 1/2	3	10/20	Deck. * Iron or Steel, for lng.														
" In way of Long Bridge							Wood Deck. Material & thickness														
" Spacing							Third Deck Stringer Plate, br'dth & thickness														
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							" Angles on ditto, No.														
" Spacing							" Tie Plates, outside Hatchways.....														
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Deck. * Material and thickness														
" Angles on upper edge							Fourth and Fifth Deck Stringer Plate, breadth & thickness														
" Spacing							" Angles on ditto, No.														
BEAMS, Poop Deck, 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														
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Angle on ditto														
" Angles on upper edge							" Tie Plates														
" Spacing							Deck. Material and thickness														
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	7/20	4 1/2	3	7/20	Bridge Deck Stringer Plate, br'dth & thickness														
" Angles on upper edge							" Angle on ditto.....														
" Spacing							" Tie Plates														
" Angles on upper edge							Deck. Material and thickness														
" Spacing							Forecastle Deck Stringer Plate, b'dth & th'kns	15 x 3/4		15 x 3/4											
							" Angle on ditto.....	3 x 2 1/2 x 5/16		3 x 2 1/2 x 5/16											
							" Tie Plates														
							Deck. Material and thickness	Steel		-40		-40									



WEB FRAMES.				FORGINGS or CASTINGS.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB FRAMES, In E. & B. Space, No. & spacing				STERN-POST for Rudder do. do.			
brdth. & thickness				for Propeller			
WEB FRAMES, In After Body, No. and spacing				RUDDER-A x D* Table 22. Speed			
brdth. & thickness				Main-Piece, diameter at head			
No. of Side Stringers				at heel			
Size of Face Angles to Web-Frames				BRACKET PLATES to Stringers between Web Frames, depth and thickness			
BULKHEADS.				STIFFENERS.			
Number, Thickness, Vessel, Per Rule, Inches, Horizontal, Vertical, Size, Spacing, Size, Spacing, Single or Double Frames, Height up, state deck.				RUDDER, how constructed			
W.T. BULKHEADS				Thickness of Plates or Single Plate			
Can the Rudder be unshipped afloat?				yes			
COLLISION PARTITION				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.			
LONGITUDINAL				Cargos Steel Iron Co. Ltd.			
Are the outside Plates doubled two spaces of Frames in length?				App'l. liners			
Are the Sluice Valves and Watertight Doors in efficient working order?				none.			
PLATING.				RIVETING.			
STRAKES.				EDGES, Ordinary or joggled? ordinary.			
AS IN SHIP.				BUTTS.			
PER RULE OR AS APPROVED.				Double or Triple and for what Length.			
Breadth, Thickness, Inches, Forward, Aft, Breadth, Thickness, Inches, Amidship.				RIVETS.			
FLAT PLATE KEEL				Double 4 1/2 3/4 3			
GABBOARD OF A STRAKE				Double 3 1/4 2 3/8 9 3/4 20			
State actual thickness in way of Double Bottom.				Thrs. Garb'd & Keel.			
B				5 Full			
C							
D							
E							
F							
Sheer G				9 3/4 11 9 20			
H							
J							
K							
L							
M							
N							
O							
P							
Q							
R							
S							
T							
U							
V							
W							
THICKNESS OF SHEERSTRAKE							
CLEAR OF LONG BRIDGE							
DO. OF STRAKE BELOW							
Dble. 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 Sheerstrake and Strake below should also be stated clear of same.							
Upper Deck Stringer Plate				Butts, Dble riveted for full length amidship.			
Second Deck Stringer Plate				Butts, riveted for full length amidship.			
Butts, single or overlapped for full length amidship.				Inner Bottom Plating, riveting of Edges			
Centre Girder Butts, riveted.				Keelson Butts, Treble riveted.			
Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart.				Rivets, state whether Iron or Steel			
Iron.							
FRAMES extend in one length from Keel to Deck				State if ordinary or joggled ordinary.			
REVERSED FRAMES on floors and frames extend from bilge to bilge where no concrete				State if ordinary or joggled ordinary.			
MASTS, SPARS, &c.							
Material, Total Length, Diameter and Thickness, At Partners, Heel, Hounds, Head, No. of Plates in Round, ANGLES, Number, Size, Riveting, Seams, Butts.							
LOWER MASTS				Fore P. Pine Pole			
Main							
Mizen							
Bowsprit							
Topmasts, Yards and Remainder of Spars				P. Pine			
Rigging, Material and Size, Shrouds				Galv'd steel wire			
Sails, one				Suit of canvas			
Sails, and the following spare sails				none.			

EQUIPMENT No.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 249.			
Number of Certificate.				WEIGHT, EX. STOCK.				TEST, PER CERTIFICATE.			
1st Bower				8 2 10				10 15 0 0 7 1 0			
2nd				7 1 14				9 11 2 7 6 2 0			
3rd				3 1 0				5 14 1 14 3 0 0			
4th											
Collective weight.				19 0 24				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							
CHAIN CABLES.				HAWERS AND WARPS.							
Number of Certificate.				Length and size supplied.				Test per Certificate.			
Length, Diam.				Tons, qrs, lbs.				Tons, qrs, lbs.			
66714				103 3/4 1 1/2				20.3 30.4 61.0 0.0 60.2 18 105 1 1/2			
Iron (Stream Chain or Steel Wire)				Cir.				Cir.			
Boats				Steering Gear, Steam				Steering Gear, Hand			
Pumps, Number				Diameter of Barrel				State whether they are in efficient working order			
Windlass is				Capstan				yes			
Engine Room Skylights. — How constructed?				Steel				What arrangements for deadlights in bad weather?			
Coal Bunker Openings. — How constructed?				C.I. Discs				Height above deck?			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				6 scuppers & 4 ports; one 2'-0" x 10'-4" three 18"x9" each side				Height above deck?			
Ceiling in Holds, thickness and material				none				Cargo Battens, thickness and material			
Cargo Hatchways. — How formed?				Steel plates & angles				Hatches, If strong and efficient?			
State size No. 1 Hatch (Forward)				No. 2 Hatch				No. 3 Hatch			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch											
No. of Breasthooks				2				No. of Crutches			
Bulwarks, height above deck and description				35" x 44" x 5 1/2" Steel				Main Rail, material and size			
The foregoing is a correct description.				COOK, WELTON & GEMMELL, LTD.				Surveyor's Signature			
Builder's Signature (here only)				W. H. Patterson				Director			
Correspondence. — State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)				M 15-3-17 ; M 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?			
from the faying surfaces?				yes				Are the rivet holes well and sufficiently countersunk in the plate and punched			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?				yes				Do any rivets break into or through the seams or butts of the plating?			
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 & Secretary's letters, & in general conformity with the rules of this Society. The workmanship & materials used throughout are good.							
Sister vessel "William Brady", Hull Rep't No. 30510.											
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 : - : -				Fees applied for,			
Special Survey Fee				£ 26 : 2 : 0				Received by me, N.R.			
Travelling Expenses, if any £								16-5-1918			
State whether the Vessel has been built under Special Survey				yes							
I am of opinion this Vessel should be Classed				+ 100 AI Steam Trawler				P. Fitzgerald & M. Blackwood			
With, or without Freeboard, as condition of Class				Without				Surveyor to Lloyd's Register of Shipping.			
Committee's Minute				WED. 22 MAY. 1918							
Character assigned				100 AI Steam Trawler							
Lloyd's A & C											
+ L.M.C. 5-18											



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 it should appear in the Register Book) 1 DK ✓  
 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,		
			(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. 385 in builder's yard.

DATES of Surveys held while building

1917: July 11. 19. 26. Aug. 15. 24. 29. Sep. 6. 11. 19. 26. Oct. 5. 10. 19. 24. 31. Nov. 7. 14. 28.  
 Dec. 4. 10. 21. 28. 1918: Jan. 2. 11. 16. 23. 29. Feb. 5. 8. 14. 22 Mar. 1. 5. 7. 13. 19. 20. Apr. 12.  
 25 May 3. 6. 9. 14.

Total No. of Visits 43

Surveyor's Signature

P. Fitzgerald & M. Blackwood

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Foundation