With or Without Disconnected Erections.

STEEL STEAMER.

THU. SEP. 13 1917.
Received at London Office

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

Date of completion of report 12. 9 -17 Port of Hull No. 30.130

Survey held at Beverley & Hull. Date, First Survey Jan 5th Last Survey 3- 9- 1917.

On the (State if Single, ~~Twin or Triple~~, Screw) Steam Trawler "James Berry" Rig Ketch.

TONNAGE under Tonnage Deck	236.97
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	7.40
Do. of ~~Bridge~~ House	3.53
Do. of Forecastle	
Do. of Houses on Dk.	.62
Do. of excess of Hatchways	
Do. above Crown of Engine Room	20.88
Gross Tonnage	269.40
Less Crew Space	20.26
Less above Crown of Engine Room	20.88
TONNAGE FOR FEES	228.26
Less Engine Room	133.44
Less Navigation Spaces	6.53
Net Tonnage	109.17.

CLASS +100 A1.

	FEET.
Breadth (*greatest moulded*)	22.36
Depth, *at middle of length from top of keel to top of upper deck beams at side*	13.08
Transverse Number	35.44
Length *on deck from fore part of stem to after part of stern post*	125.0
Longitudinal Number	4430
Depth "d," *at middle of length (See Secs. 2 & 13)*	11.75
Proportions—*Depths to Length—Upper Deck Beam at side to top of keel*	9.55
" " *Long Bridge Deck Beam at side to top of keel*	

Master

Year of appointment (1) *As Master in service of owner of present vessel:*—191 (2) *As Master of this vessel* 191

Built at Beverley.

When built 1917 Launched May 10th 1917

By whom built Cook, Welton & Gemmell.

Owners British Admiralty.

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.

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
Deck	125	0	**BREADTH**—Moulded	22	6	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams / Do. do. do. do. Second Dk. Beams	12	3	No. of Decks with flat laid / No. of Tiers of Beams one

Ship per Register, Length 125.4 breadth 22.5 depth 12.25. Moulded depth, ft. ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 6" ins.

Moulded depth, ft. 13 ins. 1 To Upper Dk.

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
les, ~~or L or L Bars~~ amidships	4	3	8/20	4	3	8/20
	"	"	"	"	"	"
of Double Bottoms at Solid Floors		✓				
" at intermdt. Bkts.		✓				
ames from centre to centre amidships	18	to	21	18	to	21
" " " from ⅛ length to Collision bulkhead		See profile.				
" " " in peaks						
FRAME, Angles ~~on~~ floors	3	3	3/8	3	3	3/8
of Double Bottoms at Solid Floors	Where no concrete.					
" at intermdt. Bkts.	Double E & B space					
lepth of girder 4"						
pth and thickness of Floor Plate mid-line for ½ length amidships	16	x	6/16	16	x	6/16
			7/16			7/16
of Engine and Boiler Spaces			6/16			6/16
ss at the ends of vessel						
at ¾ the half breadth, as per Rule	Top of floors horizontal.					
extended at the Bilges						
Cell. Double Bottoms						
te if flanged (top & bottom)						
cing of Solid floors						
RDER, in Dbl. bottom, dpth. & thicknss.						
" Angles, Top						
" " Bottom						
" " to Floors						
ckets at intermdt. frmg., wdth & thknss						
ERS, number on each side & thickness						
state if flanged (top and bottom)						
Angles (top and bottom)						
" to Floors						
ATE, depth (exclusive of flange) and thickness						
" Angle to Outside Plating						
" " Floors						
ckets at intermdt. frmg., wdth & thknss						
ght of Outside Brackets above at bilge						
TTOM PLATING, breadth and thickness of **Middle Line Strake**						
" in Engine and Boiler space						
" Remainder in Holds						
per Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	10/16	5	3	10/16
way of Long Bridge		✓			✓	
acing	alternate frames.					
cond Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
pacing						
rd and Fourth Deck, Single Angle, ulb Angle, Plate, Tee Bulb, or Channel						
ngles on upper edge						
" pacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, ~~Forecastle Deck~~ WHALEBACK, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	3½	3	6/16	3½	3	6/16
" Angles on upper edge						
" Spacing		30"			30"	

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing	2½" dia.	4 as arranged.		
" " **Hold** " "				
" **Quarter 'tween Dks.,** " "				
" " **in Hold** " "				

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~	6½	x	6/16	6½	x	6/16
" ~~Rider Plate~~	x inter	✓	5/16	see Cells		
" ~~Flat Plate Keel Angles~~						
" ~~Horizontal Plates on Floors~~						
" Angles ~~or Bulb Angles~~ double	4	4	½	4	4	½
SIDE KEELSONS, Number		✓				
" Angles or Bulb Angles		✓				
" Plate above floors, for length		✓				
" Intercostal Plate, for length		✓				
" Attached to outside Plating with Angle		✓				
BILGE KEELSON, Angles one	5	4	8/20	5	4	8/20
" Intercostal Plate for length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number one	5	4	8/20	5	4	8/20
" " Angle		✓				
" Intercostal Plate, for length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	24/20		6/16	24/20		6/16
" " " " br'dth & thickness (in way of Bridge)	3 x 3		3/8	3 x 3		3/8
" " " Angle (clear of Bridge)	8 x 6/16			8 x 6/16		
" " Tie Plate at sides of Hatchways	E & B opening.					5/16
" Deck.* ~~Iron~~ Steel, ~~for~~ in way of						
" " Thickness (clear of Bridge)						
" " (in way of Bridge)						
" Wood Deck. Material & thickness	5 x 3 P.P.			5 x 3 P.P.		
Second Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck.* Iron or Steel, for lng.						
" Wood Deck. Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck.* Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" " " Angles on ditto, No.						
" " " Tie Plates outside Hatchways						
" " Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Forecastle Deck ~~Stringer Plate~~ WHALEBACK, b'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						

* *If Iron or Steel Deck, state if whole or part, and if Wood Deck in last thereon.*

·30 ·30

WEB FRAMES.

WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule, Or as Approved.
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 Face Angles to Web-Frames				
BRACKET PLATES to Stringers between Web Frames, depth and thickness				

FORGINGS or CASTINGS.

FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule, or as Approved.
KEEL, Bar, depth and thickness	7½ x 1⅝ Bulb	7½ x 1⅝ bulb
STEM, moulding and thickness	" "	" "
STERN-POST for Rudder do. do.	7½ x 2⅜	7½ x 2⅜
„ for Propeller		
RUDDER—A×D* Table 22. Speed 10/12 Knots.	46.31.	
Main-Piece, diameter at head	4½ dia	4½ dia.
„ „ at heel	3 x 2¾	3 x 2¾

RUDDER, how constructed Forged scrap iron.

„ Thickness of Plates ~~or Single Plate~~ ·26

Can the Rudder be unshipped afloat? yes.

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.
Frodingham Iron & Steel Co Ltd.
South Durham Steel & Iron Co Ltd.

Has the Steel been tested as required by the Rules? Yes.

BULKHEADS.

BULKHEADS.	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing. Inches.	Vertical. Size. Inches.	Vertical. Spacing. Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	4	3							
Frame 68	No	1.	5/16			5½×3×·36;	24	Single	Dk
" 37	"	3	5/16			" " ";	"	"	"
" 13	"	4	5/16			3×2½×·31;	30	"	"
" 6	"	"	6/16.			4×3×·30;	24	"	"
„ COLLISION " 55	"	2	5/16			5½×3×·36;	24	"	"
PARTITION „									
LONGITUDINAL „									

Are the outside Plates doubled two spaces of Frames in length? App. liners.

Is the ~~Sluice Valves and~~ Watertight Door in efficient working order? Yes.

PLATING. / RIVETING.

EDGES. Ordinary or joggled? Ordinary.

STRAKES.	As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Edges. Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
FLAT PLATE KEEL (If Bar Keel, state Riveting.)									1	5	Through Garbd & Keel.						
GARBOARD or A Strake	32	8/16	8/16	8/16	32	8/16	Double	4½	¾	3⅓	Double	¾	2⅝	9¾	9/16		Full
B „	47	6/16	6/16	6/16	47	6/16	"	"	"	"	"	"	"			5	"
C „	39	6/16	6/16	6/16	39	6/16	"	"	"	"	"	"	"			"	"
D „	39	8/16	6/16	6/16	39	8/16	"	"	"	"	"	"	"			"	"
E „	39½	8/16	6/16	6/16	39½	8/16	"	"	"	"	"	"	"			"	"
F „	50	8/16	6/16	6/16	50	8/16	"	"	"	"	"	"	"			"	"
Sheer. G „	42	9/16	7/16	7/16.	42	9/16.	Single.				"	"	"	9¾	10/16		"
H „																	
J „																	
K „																	
L „																	
M „																	
N „																	
O „																	
P „																	
Q „																	
R „																	
S „																	
T „																	
U „																	
V „																	
W „																	
TH'KNESS OF SH'STREKE CLEAR OF LONG BRIDGE																	
Do. OF STRAKE BELOW																	
DBLG. of Flat Plate Keel																	
„ Sheerstrakes, Length and thickness.																	
POOP SIDES																	
SHORT BRIDGE SIDES																	
WHALEBACK. ~~FORECASTLE SIDES~~			·30														

State actual thickness in way of Double Bottom.

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

* 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. ~~Straps, single, double or~~ overlapped for full length amidship.

Second Deck Stringer Plate: Butts, ✓ riveted for ✓ length amidship. Straps, single or overlapped for ✓ length amidship.

Butts of Side Stringers Treble riveted.

„ Tie Plates Double riveted.

Inner Bottom Plating, riveting of Edges ✓ Butts ✓

Centre Girder Butts, Treble riveted. Keelson Butts, Treble riveted.

Frames, riveted through Plates with ¾ in. Rivets, about 5¼" 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. 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.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts, Fore											
Main	P. Pine	pole									
Mizen	Steel	-									

Bowsprit ✓

Topmasts, ~~Yards and Remainder of Spars~~ Pitch pine.

Rigging, Material and Size, Shrouds Galvd. steel wire. Stays Galvd. steel wire.

Sails. One Suit of canvas Sails, and the following spare sails none.

Form No. 1A.

EQUIPMENT No. LETTER . ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS 443.0

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor	Makers.	Where and when tested and Superintendent.
48382	1st Bower	8	2	10	Stockless.			10	15	0	0	7	0	0	Stockless.	J. Wright.	Tipton. 3-7-17. C.E. Perrins
77270	2nd „	7	1	15	Stockless.			9	13	3	0	6	1	0	Stockless.	J. Wright.	Netherton. 6-3-17. H. Green
25051	3rd „	3	0	0		3	0	5	10	0	0	2	3	0	Iron Stock.	J. Green.	C.H. 16-4-17. S.C. Paul.
	4th „																
	Collective weight.	18	3	25								16	0	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

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. / HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
50429	105	1 1/16	20·3	30·4	63-2-9	60-2-18	105	1 1/16	Stud	J. Wright.	Tipton. 22-6-17. C.E. Perrins.
Iron Stream Chain or Steel Wire		Cir.						Cir.			

Material	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins.
TOWLINE			✓		
HAWSERS & WARPS	60	6		60	6
„ „	60	4½	✓	60	4½
„ „					

Boats One. Steering Gear, Steam ✓ Steering Gear, Hand Gemmell & Frow.

Pumps, Number 4. Diameter of Barrel 6". State whether they are in efficient working order Yes

Windlass is Gemmell & Frow, Steam. Capstan ✓

Engine Room Skylights.—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? steel flaps & bullseyes.

Coal Bunker Openings.—How constructed? C.I. Discs. How are lids secured? locked. Height above deck? flush.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 scuppers & 6 ports, 1@ 2'-6"×9" & 5@ 18"×9"

Ceiling in Holds, thickness and material 2" Redwood. Cargo Battens, thickness and material ✓

Cargo Hatchways.—How formed? plates & angles. Hatches, If strong and efficient? yes

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 ✓

No. of Breasthooks 3. No. of Crutches 2 & deep floors

Bulwarks, height above deck and description 36" & 42" × 5/16. Main Rail, material and size 6½ × 3" × 7/16 bulb angle.

The foregoing is a correct description. COOK, WELTON & GEMMELL, LTD. W.H. Patterson DIRECTOR. *Builder's Signature (here only)*

Surveyor's Signature P. Fitzgerald & F.C. Smith. *Surveyor to Lloyd's Register of Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*)
M. 7-6-16; E. 30-6-16 M 21-12-16.

Workmanship. Are the butts of plating planed or otherwise fitted? Yes

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.) This vessel has been built in accordance with the approved plans, the Secretary's letters, & in general conformity with the rules of this Society. The workmanship & materials used throughout are good.

Approved plans enclosed herewith. Please return same for dealing with the sister vessels.

This vessel was originally intended for private owners, & was taken over by the British Admiralty. No specification was supplied.

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 ...... £ 2 : - : -
Special Survey Fee .... £ 22 : 16 : -
Travelling Expenses, if any £ : 3 : 2

Fees applied for, 12/9/1917. Received by me, 11/10/17 19 EG 12/10/17

Certificate to be sent to Hull *Date of issue* 12/10/17.

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed ✠ 100 A1 Steam Trawler.

With, or without Freeboard, as condition of Class without

P. Fitzgerald & F.C. Smith. *Surveyor to Lloyd's Register of Shipping.*

Committee's Minute FRI. 14 SEP. 1917

Character assigned 100 A1 Stm trawler + LMC 9.17

Lloyds ADC P

Unto Hull.

The Surveyors are requested not to write on or below the Committee's Minute.

0194½

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 65·62 ft., Bridge ✓ ft., ~~Forecastle~~ Whaleback (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 Dk.

Official No. Admiralty ; Signal Letters

State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation ? Inside Paint & Cement. (Bunkers bituminastic) 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.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total capacity of double bottom		

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,		
After peak tank,		
Deep tank, aft,		
Deep tank, 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. 340K. in builder's yard.

Dates of Surveys held while building: 1917.- Jan 5. 16. 26. Feb 6. 13. 23. Mar 9. 23. Apr 4. 17. 23. May 2. 11. 17. 25 Jun 1. 5. '26. Jul 5. 11. 19. Aug 4. 9. 21. 24. 31. Sep 3.

Total No. of Visits 29

Surveyor's Signature P. Fitzgerald + 7 Others