With or Without Disconnected Erections.

STEEL STEAMER.

PETAIN

THU. AUG. 20 1920

Received at London Office .....

(See State if Report is also sent on the Machinery of the Vessel .....)

Date of completion of report 20 August 1920 Port of Milford No. 2920

Survey held at Milford Haven Date, First Survey 30 May Last Survey 2 July 1920

On the (State if Single, ~~Twin~~ Screw) "St David Ogilvie" Rig Ketch

TONNAGE under Tonnage Deck	245.99
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	275.70
Less Crew Space	
Less above Crown of Engine Room	
TONNAGE FOR FEES	
Less Engine Room	
Less Navigation Spaces	
Register Tonnage as cut on Beam	

CLASS 100 A1 Shin Trawler

	FEET.
Breadth (greatest moulded)	23.37
Depth, at middle of length from top of keel to top of upper deck beams at side	13.50
Transverse Number	36.87
Length on deck from fore part of stem to after part of stern post	125.0
Longitudinal Number	460.8
Depth "d," at middle of length (See Secs. 2 & 13)	12.16
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	9.26
" " Long Bridge Deck Beam at side to top of keel	

Master .....

Year of appointment (1) As Master in service of owner of present vessel:—19 (2) As Master of this vessel 19

Built at Meddlesboro's

When built 1917 Launched

By whom built Smith Dock Co Ld

Owners T Jenkerson, & D.G. Jones

Managers T Jenkerson (Where necessary to be entered in Reg. Book.)

Residence

Port belonging to

Destined Voyage Fishing If Surveyed while ~~Building~~, Afloat, and ~~or in~~ Dry Dock Yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	125		**BREADTH**—Moulded	23	4½	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams	12	9	No. of Decks with flat laid one
						Do. do. do. do. Second Dk. Beams	–	–	No. of Tiers of Beams one

Dimensions of Ship per Register, Length ... breadth ... depth ... Moulded depth, ft. ... ins. To Bridge Dk. Moulded depth, ft. ... ins. To Upper Dk. Round of Upper Dk. Beam, Actual ... ins.

FRAMING.

	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	
FRAME, Angles, or ⊏ or ⊾ Bars amidships	4½	3	.45	4½	3	.45
Do. in peaks	4½	3	.45	4½	3	.45
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	21" Throughout					
" " " " from ⅜ length to Collision bulkhead						
" " " " in peaks						
REVERSED FRAME, Angles on E&R floors	3½	3	.44	3	3	.30
Do. in way of Double Bottoms at Solid Floors	double			double		
" " at intermdt. Bkts.						
FRAMING, depth of girder		4½			4½"	
FLOORS, depth and thickness of Floor Plate at mid-line for ⅜ length amidships	16	×	.40	16	×	.40
" in way of Engine and Boiler Spaces						
" thickness at the ends of vessel	16	×	.44	16	×	.40
" depth at ¾ the half breadth, as per Rule	16	×	.30	16	×	.26
" height extended at the Bilges	Top of floors horizontal					
FLOORS in **Cell. Double Bottoms**						
" state if flanged (top & bottom)						
" Spacing of Solid floors						
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness						
" " Angles, Top						
" " " Bottom						
" " " to Floors						
" Brackets at intermdt. frmg., wdth & thknss						
SIDE GIRDERS, number on each side & thickness						
" " state if flanged (top and bottom)						
" " Angles (top and bottom)						
" " " to Floors						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" " Angle to Outside Plating						
" " " Floors						
" Brackets at intermdt. frmg., wdth & thknss						
" Height of Outside Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**						
" " " in Engine and Boiler space						
" " " Remainder in Holds						
BEAMS, Upper Deck, Single Angle, ~~Bulb, Angle, Plate, Tee Bulb, or Channel~~	5½	3	.5	5½	3	5
" In way of Long Bridge						
" Spacing	alternate Frames					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
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, Angle, ~~Bulb Angle,~~ Plate, ~~Tee Bulb, or Channel~~	5	3	.36	4½	3	.30
" ~~Angles on upper edge~~						
" Spacing	alternate Frames					

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	2⅜" Dia		and	
" " **Hold** " "	as arranged			
" **Quarter 'tween Dks.,** " "				
" " **in Hold** " "				

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule ved.
CENTRE LINE KEELSON, ~~Vertical Plate~~ Channel above floors, Through Plate, or Intercostal Plate	12	× 3½	× 3½	.5	12 × 3½ × 3½	.5
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
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	.40	5	4	.40
" Intercostal Plate for length						
" Attached to ~~outside Plating~~ framing with Angle	3	3	.30	3	3	.30
SIDE STRINGERS, Number	Shell plating increased in lieu of Stringer					
" " Angle						
" Intercostal Plate, for length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (~~clear of Bridge~~)	25	× .38		25	× .38	
" " " " ~~br'dth & thickness (in way of Bridge)~~						
" " " Angle (clear of Bridge)	3	× 3	× .38	3	× 3	.38
" " Tie Plate at sides of Hatchways	8	× .32		8	× .32	
" Deck.* Iron or Steel, for lng.						
" " Thickness (clear of Bridge)						
" " " (in way of Bridge)						
" Wood Deck. Material & thickness	5 × 3 PP			5 × 3 PP		
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, b'dth & th'kns	18	.25		18.	25	
" Angle on ditto	3	× 2½	.32	3	× 2	.32
" Tie Plates	48	.32		7	× .32	
" Deck. Material and thickness	5 × 3 PP			5 × 3 PP		

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

Form No. 1A.—1m,11,19. T.

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	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.

	Inches in Ship.	Inches per Rule, Or as Approved.
KEEL, Bar, depth and thickness	7½ x 1⅛ BP	7½ x 1⅛ BP
STEM, moulding and thickness	7½ x 1⅛ BP	7½ x 1⅛ BP
STERN-POST for Rudder do. do.	5½ x 3	5½ x 3
,, for Propeller	5¾ x 3	5¾ x 3
RUDDER—A×D° Table 22. Speed		
,, **Main-Piece,** diameter at head	5	5
,, ,, ,, at heel	3½ x 3	3½ x 3"

RUDDER, how constructed: double plated

,, Thickness of Plates or Single Plate: .28

Can the Rudder be unshipped afloat? Yes

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	2	2							
Aft Peak	5		40 32			4x3x.40	4x4.40	WT flat	
	43		30 28			5½x3x36	.30	UDK	
,, **COLLISION** ,,	65		30.28			6x3.40	.24	"	
PARTITION ,,									
LONGITUDINAL ,,									

Are the outside Plates doubled two spaces of Frames in length? Bilks fitted

Are the Sluice Valves and Watertight Doors in efficient working order? None

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.? Vessel built under British Corporation Survey

Has the Steel been tested as required by the Rules?

PLATING.

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.
Flat Plate Keel (If Bar Keel, state finishing.)	Bar Keel					
Garboard or A Strake	50	.45	.40	.40		.38
B ,,	60	.40	.40	.40		.32
C ,,	60	.45	.40	.40		.32
D ,,	60	.45	.40	.40		.42
E ,,	66	.50				.36
F ,,	Shell plating increased in lieu of Side Stringer					
G ,,						
H ,,						
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
* Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
Th'kness of Sh'rstrke clear of Long Bridge						
Do. of Strake below						
Dblg. of Flat Plate Keel						
,, Sheerstrakes (Length and thickness.)						
Poop Sides						
Short Bridge Sides			.35			.25
Forecastle Sides						

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.

RIVETING.

	Edges. Ordinary or Joggled?	Single or Double.	Rivets. 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	joggled	double	5½	1	5	Scarphed			10	"		
Garboard			4½	3/4	3½	doubled	3/4	2⅞			5	full
B			"	"	"	"	"	"			"	"
C			"	"	"	"	"	"			"	"
D			"	"	"	"	"	"			"	"
E		Single	see letter						9¾	45/100		
Poop Sides												
Short Bridge Sides		Single	2½	3/4"	3½	double	3/4	2⅝			5	full
Forecastle Sides												

Upper Deck Stringer Plate — **Butts,** Otle 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 Bilge Stringers Treble riveted.

,, **Tie Plates** double riveted.

Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓

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

Frames, riveted through Plates with 3/4 in. Rivets, about 5¼ apart.

Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from — to — State if ordinary or joggled

REVERSED FRAMES on floors and frames extend from — see letter — State if ordinary or joggled

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	P Pine	Full									
Main											
Mizen	"	"									
Bowsprit											

Topmasts, Yards and Remainder of **Spars** Gal Steel wire

Rigging, Material and Size, **Shrouds** Gal Steel wire **Stays** Gal Steel wire

Sails. Suit of Sails, and the following spare sails

Form No. 1A.

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

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.
47456	1st Bower	8	2	0	✓			10	12	2		7	1		Stockless	J Wright & Co	Tayler 25/1/17 C E Brown
47666	2nd ,,	7	1	0				9	9	1	14	6	✓		"	do	6/3/17 "
	3rd ,,																
	4th ,,																
	Collective weight.																
	Stream																
47524	Kedge	3	0	0	✓	3	0	5	10	0	0	3			Ordinary	do	" 20/2/17 "

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 4 cwt . 3 qrs 25/1/17 15 feet D D Williams

2nd ,, 4 . 7 26/1/17 15 " RN Dodridge

3rd ,,

4th ,,

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Stator. 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.
49906	115½	1⅛	20	30	60 3 22	60 3 1	105	1⅛	Stud	✓	Tayler 9/3/17 C E Brown
Iron Stream Chain or Steel Wire		Cir.						Cir.			

HAWSERS AND WARPS.

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	2½	12½	60	2⅜
,, ,,	60	2¼	9½	60	2¼
,, ,,					

Boats One

Pumps, Number Four Diameter of Barrel — State whether they are in efficient working order — see letter

Windlass is Steam **Capstan** ✓

Steering Gear, Steam ✓ **Steering Gear, Hand** fitted

Engine Room Skylights.—How constructed? Steel plates & Angle What arrangements for deadlights in bad weather? Steel flaps & Bull eyes

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

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 4 Scuppers 5 Freeing ports 18"x 14"

Ceiling in Holds, thickness and material Fishroom lined **Cargo Battens,** thickness and material —

Cargo Hatchways.—How formed? Steel Coaming and 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 **No. of Crutches**

Bulwarks, height above deck and description 35 x .32 Steel Main Rail, material and size 7 x 2.40 B a

The foregoing is a correct description.

Builder's Signature (here only) *Surveyor's Signature* J W Johnstone

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*)

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

Is the riveted work properly closed?

Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating?

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)? State results of tests

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

General Remarks (State quality of workmanship, &c.) The workmanship throughout appears to be good. The vessel was built under British Corporation survey to plans, and specifications mutually approved by this Society and the British Corporation, and in my opinion the vessel is eligible to have Class assigned 100 A1 Stm trawler

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 ..... £ 12 : 10 :

Special Survey Fee .... £ : :

Travelling Expenses, if any £ : :

Fees applied for, 1.8 1920

Received by me, 19 yes No Ell.

Certificate to be sent to Milford Date of issue 6.1.21.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed 100 A1 Stm trawler

With, or without Freeboard, as condition of Class without

J W Johnstone

Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. AUG. 31 1920

Character assigned 100 A1 Stm trawler

Certificate Mil S.L.R. 1.20 Lloyds Arb R. L.R. 6.7.20

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

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 75 ft., Bridge ..... ft., Forecastle 29 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 D.K

Official No. ..... ; Signal Letters ..... . State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation ? Inside Paint, & Cement under Bottom 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. ..... in builder's yard.

Dates of Surveys held while building

Total No. of Visits .....

Surveyor's Signature .....