

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office **FRI. 20 APR. 1917**

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

Date of completion of report *19-4-17*

Survey held at *Burley & Hull*

Port of *Hull*

Date, First Survey *Feb 17/16*

Last Survey *April 13/16*

No. *29910*

191 *7*

On the (State if Single, Twin, or Triple Screw) *55 TRAWLER HELVETIA*

Rig *Ketch*

TONNAGE under Tonnage Deck... *228.43*

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 *Burley*

When built *1917* Launched *30/9/1916*

By whom built *Good, Walker & Ginnell*

Owners *Standard Steam Fishing Co. (See O.R.)*

Managers

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

Residence *Grimby*

Port belonging to *Grimby*

Do. between Tonnage Dk. and 3rd and 4th Dk. *1.90*

Total under Upper Dk. *1.92*

Do. of R.Q.Dk. *10.20*

Do. of Bridge House *260.50*

Do. of Forecastle *27.76*

Do. of Houses on Dk. *10.20*

Do. of excess of Hatchways *222.54*

Do. above Crown of Engine Room *24.58*

Gross Tonnage *6.24*

Less Crew Space *101.92*

Less above Crown of Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage as cut on Beam

Breadth (greatest moulded) *22.36*

Depth, at middle of length from top of keel to top of upper deck beams at side *12.83*

Transverse Number *135.19*

Length on deck from fore part of stem to after part of stern post *120*

Longitudinal Number *4223*

Depth "d," at middle of length (See Secs. 2 & 13) *11.5*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *9.35*

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

Destined Voyage *Fishing*

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

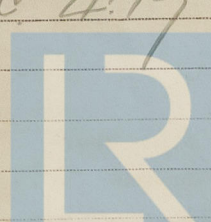
LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
<i>120</i>	<i>0</i>		<i>22</i>	<i>4 3/8</i>		<i>12</i>	<i>0</i>		<i>one</i>

Dimensions of Ship per Register, Length <i>120</i> breadth <i>22.55</i> depth <i>12.0</i>	Moulded depth, ft. <i>12</i> ins. <i>0</i>	To Bridge Dk. Round of Upper Dk. Beam, Actual <i>6</i> ins.
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FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, <i>or E or C</i> Base amidships	<i>4</i>	<i>3</i>	<i>8 1/2</i>	<i>4 3 8 1/2</i>	PILLARS, In 'tween Deck, size and spacing	<i>3 1/2</i>	<i>20</i>	<i>as arranged</i>	
Do. in peaks	<i>4</i>	<i>3</i>	<i>8 1/2</i>	<i>4 3 8 1/2</i>	" " Hold				
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	<i>16</i>	<i>4</i>	<i>20</i>	<i>16 4 20</i>	KEELSONS & STRINGERS	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
" " length to Collision bulkhead in peaks	<i>55</i>	<i>1</i>	<i>PRUF 1/2</i>		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>8 1/2</i>	<i>1/2</i>	<i>8 1/2</i>	<i>1/2</i>
REVERSED FRAME, Angles	<i>3</i>	<i>3</i>	<i>3 3/8</i>	<i>3 3 3 3/8</i>	" Rider Plate				
Do. in way of Double Bottoms at Solid Floors					" Flat Plate Keel Angles				
" " at intermdt. Bkts.					" Horizontal Plates on Floors	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
FRAMING, depth of girder	<i>4 1/4</i>				" Angles <i>or Bulb</i> Angles <i>or D.A.L.E.</i>	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>16</i>	<i>4</i>	<i>7 1/6</i>	<i>16 4 7 1/6</i>	SIDE KEELSONS, Number	<i>one</i>			
" in way of Engine and Boiler Spaces					" Angles <i>or Bulb</i> Angles	<i>one</i>			
" thickness at the ends of vessel					" Plate above floors, for length				
" depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>TOP OF FLOORS</i>				" Intercoastal Plate, for length				
" height extended at the Bilges	<i>HORIZONAL</i>				" Attached to outside Plating with Angle				
FLOORS in Cell. Double Bottoms					BILGE KEELSON, Angles	<i>one</i>			
" state if flanged (top & bottom)					" Intercoastal Plate for length				
" Spacing of Solid floors					" Attached to outside Plating with Angle				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.					SIDE STRINGERS, Number				
" Angles, Top					" Angle				
" Bottom					" Intercoastal Plate, for length				
" to Floors					" Attached to outside plating with Angle				
Brackets at intermdt. frmg., wdth & thcknss					Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>24</i>	<i>6 1/6</i>	<i>24</i>	<i>6 1/6</i>
SIDE GIRDERS, number on each side & thickness					" " " " br'dth & thickness (in way of Bridge)	<i>3</i>	<i>3 3/8</i>	<i>3</i>	<i>3 3/8</i>
" state if flanged (top and bottom)					" " " " Angle (clear of Bridge)	<i>3</i>	<i>3 3/8</i>	<i>3</i>	<i>3 3/8</i>
" Angles (top and bottom)					" " " " Tie Plate at sides of Hatchways	<i>7</i>	<i>6 1/6</i>	<i>7</i>	<i>6 1/6</i>
" to Floors					" Deck * <i>Iron or Steel</i> for <i>WAY OF</i>	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
MARGIN PLATE, depth (exclusive of flange) and thickness					" Thickness (clear of Bridge)				
" Angle to Outside Plating					" (in way of Bridge)				
" Floors					" Wood Deck. Material & thickness	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
Brackets at intermdt. frmg., wdth & thcknss					Second Deck Stringer Plate, br'dth & thickness	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>
Height of Outside Brackets above at bilge					" Angles on ditto, No.				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake					" Tie Plates outside Hatchways				
" in Engine and Boiler space					" Deck * <i>Iron or Steel</i> , for lng.				
" Remainder in Holds					" Wood Deck. Material & thickness				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>	Third Deck Stringer Plate, br'dth & thickness				
" In way of Long Bridge					" Angles on ditto, No.				
" Spacing	<i>32</i>	<i>4</i>	<i>40</i>	<i>32 4 40</i>	" Tie Plates, outside Hatchways				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel					" Deck * Material and thickness				
" Spacing					Fourth and Fifth Deck Stringer Plate, breadth & thickness				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel					" Angles on ditto, No.				
" Angles on upper edge					" Tie Plates outside Hatchways				
" Spacing					" Deck. Material & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					Poop Deck Stringer Plate, breadth & thickness				
" Angles on upper edge					" Angle on ditto				
" Spacing					" Tie Plates				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					" Deck. Material and thickness				
" Angles on upper edge					Bridge Deck Stringer Plate, br'dth & thickness				
" Spacing					" Angle on ditto				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel					" Tie Plates				
" Angles on upper edge					" Deck. Material and thickness				
" Spacing					Forecastle Deck Stringer Plate, br'dth & th'kns				
					" Angle on ditto	<i>3</i>	<i>3 3/8</i>	<i>3</i>	<i>3 3/8</i>
					" Tie Plates	<i>SEE PROFILE</i>			
					" Deck. Material and thickness	<i>5</i>	<i>3 1/2</i>	<i>5</i>	<i>3 1/2</i>



[illegible]

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS				4223							
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.							
19424		1st Bower ...		5 1 12		1 1 4		7 14 0		7 5 1 0		Rogers		Green		CH. 20/5/5 Paul							
19425		2nd ,, ...		4 3 12		1 0 24		7 5 0 0		4 1 3 0		,,		,,		,,							
19426		3rd ,, ...		2 2 8		- 2 16		5 2 2 0		2 1 2 0		,,		,,		,,							
4th ,, ...		Collective weight.		12 3 4						12 2 0													
Stream .....																							
Kedge .....																							
Particulars of <b>Drop Test</b> 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.		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.	
		Length. Diam.		Statin- Break- ing.		Supplied. Per Rule.		Length. Diam.										Fathoms. Ins.		Fathoms. Ins.			
17622		90 1 18		27 46.2		1045.37		90 1		5700 LINK		J. Green		CH 27/5/15 L.C. Paul		ROVLINE		60 6 1/2		60 6 1/2			
Iron Stream Chain or Steel Wire		Cir.						Cir.								HAWERS & WARPS		60 4 1/2		60 4 1/2			
Boats <i>one good</i>																Steering Gear, Steam				Steering Gear, Hand <i>Gemmell &amp; Frows</i>			
Pumps, Number <i>Two 20 4 1/2 30 6 1/2</i>																Diameter of Barrel <i>4 1/2</i>				State whether they are in efficient working order <i>yes</i>			
Windlass is <i>Steam (Gemmell &amp; Frows)</i>																Capstan							
Engine Room Skylights. - How constructed? <i>Steel plates &amp; angles</i>																What arrangements for deadlights in bad weather <i>Steel flaps &amp; rollers</i>							
Coal Bunker Openings. - How constructed? <i>C.I. &amp; Iron</i>																How are lids secured? <i>locked</i>				Height above deck? <i>flush</i>			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>5 ports 18 x 9 + 5 scuppers each side</i>																							
Ceiling in Holds, thickness and material <i>red wood</i>																Cargo Battens, thickness and material							
Cargo Hatchways. - How formed? <i>plates &amp; angles</i>																Hatches, If strong and efficient? <i>yes</i>							
State size No. 1 Hatch (Forward) <i>No. 2 Hatch</i>																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 <i>33 x 45 x 5/16</i>																No. of Breasthooks <i>3</i>				No. of Crutches <i>2 x deep floors</i>			
The foregoing is a correct description. <i>COOK, WELTON &amp; GEMMELL, LTD.</i>																Main Rail, material and size <i>BA 6 1/2 x 3 x 5/16</i>							
Builder's Signature (here only) <i>W. Patterson</i> DIRECTOR																Surveyor's Signature <i>F. C. Smith</i>				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)																							
<i>M 16/8/15 E 18/8/15</i>																							
Workmanship. Are the butts of plating planed or otherwise fitted? <i>yes</i>																							
Is the riveted work properly closed? <i>yes</i>																							
Are the liners between the frames and plates solid single pieces? <i>yes</i>																Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? <i>yes</i>				Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? <i>yes</i>			
Do any rivets break into or through the seams or butts of the plating? <i>a few</i>																							
Are the butts of Plating, Stringers, &c., properly shifted and strapped? <i>yes</i>																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? <i>Trawler</i>																State results of tests <i>✓</i>							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? <i>Trawler</i>																State results of tests <i>✓</i>							
General Remarks (State quality of workmanship, &c.) <i>This vessel has been built in accordance with the approved plans, the Secretary's letters &amp; in general conformity with the rules of this Society. The workmanship &amp; materials used throughout are good.</i>																							
<i>Kindly return the enclosed approved plans for dealing with the sister vessels</i>																							
<i>This vessel is a sister ship to the steam trawlers "Susarion" &amp; "Simpson" Hull reports nos. 29835 + 29867.</i>																							
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 ..... £ <i>2 : 0 : 0</i>																Fees applied for, <i>19.4 1917</i>				Certificate to be sent to <i>Hull</i> Date of issue <i>14.5.17</i>			
Special Survey Fee .... £ <i>11 : 3 : 0</i>																Received by me. <i>[Signature]</i>							
Travelling Expenses, if any £ <i>2 : 5</i>																<i>11/5/19</i>							
State whether the Vessel has been built under Special Survey <i>12/5/19</i>																							
I am of opinion this Vessel should be Classed <i>100A1. steam trawler</i>																<i>F. C. Smith</i>				Surveyor to Lloyd's Register of Shipping.			
With, or without Freeboard, as condition of Class <i>Without</i>																							
Committee's Minute <i>TUE 24 APR. 1917</i>																							
Character assigned <i>100A1. Steam Trawler</i>																							
<i>Lloyd's A &amp; C.P. + L.M.C. 4.17</i>																							
<i>[Signature]</i>																							
																							
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 67.2 ft., Bridge ✓ ft., Forecastle 19.5 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. DE

Official No. 139934 ; Signal Letters State if Machinery is fitted aft yes.  
How are the surfaces preserved from oxidation? Inside Paint & cement 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. 2653

Date

No.

in builder's yard.

DATES of Surveys held while building

1916: Feb 17 Mar 29 Apr 12 May 4. 12. 22. Jun 6. 23. Jul 14. 20. Aug 25. 31. Sep 6. 13. 27  
Oct 10. 19. Nov 3. 7. 17. Dec 8. 14. 1917: Jan 5. 29. Feb 12. Mar 12. 28 Apr 11. 13.

Surveyor's Signature

7. C. Smith

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Total No. of Visits 29

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