With or Without Disconnected Erections.

STEEL STEAMER.

WED. SEP. 23. 1914

Received at London Office .....

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

Date of completion of report 21-9-14 Port of Hull. No. 27915

Survey held at Selby & Hull. Date, First Survey 30-3-14 Last Survey 7-9-1914

On the (State if Single, Twin, or Triple Screw) STEAM TRAWLER "VELIA". Rig Yawl

TONNAGE under Tonnage Deck	269.09
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk. break	16.27
Do. of Bridge House	
Do. of Forecastle	
Do. of Houses on Dk.	7.02
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	290.36
Less Crew Space	23.21
Less above Crown of Engine Room	
TONNAGE FOR FEES	267.15
Less Engine Room	141.61
Less Navigation Spaces	9.68
Register Tonnage as cut on Beam	115.86

CLASS +100A1	FEET.
Breadth (greatest moulded)	23.38
Depth, at middle of length from top of keel to top of upper deck beams at side	13.5
Transverse Number	36.88
Length on deck from fore part of stem to after part of stern post	130
Longitudinal Number	4794
Depth "d," at middle of length (See Secs. 2 & 13)	12.17
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	9.62
" " 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 Selby.

When built 1914. Launched 27th June 1914

By whom built Cochrane & Sons Ltd

Owners J Marr & Son Ltd.

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

Residence Fleetwood.

Port belonging to Fleetwood.

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams / Do. do. do. do. Second Dk. Beams	Feet.	Inches.	No. of Decks with flat laid / No. of Tiers of Beams
	130	0.		23	4½		12	9	One / One.

Dimensions of Ship per Register, Length 130.2 breadth 23.5 depth 12.75 Moulded depth, ft. ✓ ins. ..... To Bridge Dk. Moulded depth, ft. 13 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.

	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
FRAME, Angles, ~~or [or [Bars amidships~~	4	3	.40	4	3	.40
Do. in peaks	throughout.					
Do. in way of Double Bottoms at Solid Floors	✓					
" " at intermdt. Bkts.	✓					
Spacing of Frames from centre to centre amidships		20	✓		20.	
" " " " from ⅜ length to Collision bulkhead	throughout. Intermediate					
" " " " in peaks	frames forward as per profile					
REVERSED FRAME, Angles ~~in floors~~	2½	2½	.25	2½	2½	.25
Do. in way of Double Bottoms at Solid Floors	double in Engine space.					
" " at intermdt. Bkts.	✓					
FRAMING, depth of girder	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for ⅜ length amidships		16	.37		16	.37
" in way of Engine and Boiler Spaces			.50 & .43			.50 & .43
" thickness at the ends of vessel			.31			.31.
" depth at ¾ the half breadth, as per Rule	top of floor horizontal.					
" height extended at the Bilges	✓					
FLOORS in Cell. Double Bottoms						
" state if flanged (top & bottom)						
" Spacing of Solid floors						
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.						
" " 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~~	5	3	.50	5	3	.50
" In way of Long Bridge	✓					
" Spacing	on 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 while back						
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	4	3	.40	4	3	.40
" Angles on upper edge	✓					
" Spacing	on 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				
" " **Hold** " "				
" **Quarter 'tween Dks.,** " "	2 5/8	as arranged.		
" " **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 Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	✓					
" Rider Plate	✓					
" Flat Plate Keel Angles	✓					
" Horizontal Plates on Floors	✓					
" ~~Angles or~~ Bulb Angles ~~above floors~~ two	9	3	.50	9	3	.50
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	.50	5	4	.50
" Intercostal Plate for ..... length	✓					
" Attached to outside Plating with Angle	✓					
SIDE STRINGERS, Number one						
" " Angle one	5	4	.50	5	4	.50.
" Intercostal Plate, for ..... length	✓					
" Attached to outside plating with Angle	✓					
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	✓	.31	50		.31.
" " " " br'dth & thickness (in way of Bridge)	✓		✓			
" " " Angle (~~clear of Bridge~~)	3 × 3		.37	3 × 3		.37
" " Tie Plate at sides of Hatchways	8	✓	.37	8		.37
" Deck.* ~~Iron or~~ Steel, for a part of the lng.	✓					
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thickness Pine	5 × 3		✓	5 × 3.		
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 whaleback			.31			
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness			.25			

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

Form No. 1A.—1m,1,13. T.

27915

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 ...Built	7½ x 1⅝ ✓	7½ x 1⅝
STEM, moulding and thickness ...."	7½ x 1⅝ ✓	7½ x 1⅝
STERN-POST for Rudder do. do.	6½ x 3¼ ✓	6½ x 3¼
,, for Propeller	6½ x 3¼ ✓	6½ x 3¼
RUDDER-A×D* Table 22. Speed ~~under 10 knots~~ 13.8		
,, **Main-Piece,** diameter at head	4½ ✓	"
,, ,, ,, at heel	3½ x 3 ✓	2¾ x 2¾

BULKHEADS. STIFFENERS.

	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			Angle					
		No 4	·25-·26	Brackets		3x2½x5/16	30	Single	Dk
		" 3		"		5½x3x5/16	28 ✓	"	"
		" 2		"		6x3x·40	30 ✓	"	"
,, **COLLISION** ,,		" 1		"		5½x3x5/16	21 ✓	"	"
PARTITION ,,				Break					
LONGITUDINAL ,,									

Are the outside Plates doubled two spaces of Frames in length? Upper Deck

~~Are~~ the ~~Sluice Valves and~~ Watertight Doors in efficient working order? Yes

RUDDER, how constructed Iron Scarf Syn.

,, 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.? Siemens Martin Open Hearth.

South Durham S & I Co.

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

PLATING. RIVETING.

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. Ordinary or joggled? When	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 Bleeding.)											1	5	Metal						
Garboard or Strake	A	32	·43	·37	·37 ✓	32	·43	Dbl.	4½	3/4	3¼ ✓	Dbl.	3/4	2⅝	9¾	·54 ✓	Bars		Full
State actual thickness in way of Double Bottom.	B		·37	"	" ✓		·37	"	"	"	"	"	"	"	"			5 ✓	"
	C		·37	"	" ✓		·37	"	"	"	"	"	"	"	"			"	"
	D		·37	"	" ✓		·37	"	"	"	"	"	"	"	"			"	"
	E		·43	"	" ✓		·43	"	"	"	"	"	"	"	"			"	"
	F		·37	"	" ✓		·37	"	"	"	"	"	"	"	"			"	"
Sheer Strk.	G	36	·62	·43	·43	36	·62									9¾	·75 ✓		
	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																			
Forecastle Sides																			

Write "Deckon 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,** Dbl. 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** " riveted.

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

Centre Girder Butts, ✓ riveted **Keelson Butts,** Treble 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 Keel to Gunwale. 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 mast									
Mizen	Steel	"	"								
Bowsprit											

Topmasts, Yards and Remainder of **Spars,** P. Pine.

Rigging, Material and Size, **Shrouds** Galv. Steel wire **Stays** Galv. Stay wire.

Sails. Ford Suit of One Sails, and the following spare sails ✓

Form No. 1B.

27973

WED. SEP. 23. 1914

EQUIPMENT No. LETTER 3. ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 47 94.

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.
17083	1st Bower	7	2	24	Stockless			9	18	0	14	7	2	0	Taylor's	Kendrick Thodilis	Cardiff, Hull 27/6/14 Sidwell
17084	2nd "	7	0	20	"			9	7	0	21	7	0	0	"	"	" " "
10390	3rd "	3	0	0	0	3	7	5	10	0	0	3	0	0	Common	✓	Cardiff 30/4/14 Earl Evans.
	4th "																
	Collective weight	17	3	16								17	2	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. If Stockless, state Manufacturer.

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Break'ng. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 21. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
14865	120	1⅛	22¾	34⅛	77-1-0	77-2-21	120	1⅛	Stud link.	Kendrick Thodilis	Cardiff 11/5/14 Sidwell
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 manilla		60	6.
" "	60	5 ✓ "		60	5.
" "					

Boats One & pram. **Steering Gear, Steam** ✓ **Steering Gear, Hand** tiller

Pumps, Number 3. Diameter of Barrel 2¼" 1 0 6" State whether they are in efficient working order

Windlass is Gunnell & Brown (hand) **Capstan** ✓

Engine Room Skylights.—How constructed? Steel What arrangements for deadlights in bad weather? Not fitted for bull's eyes.

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 + 4 bad ports (2@ 24"x14", 3@ 18"x9") lockable

Ceiling in Holds, thickness and material 2" P. Pine. **Cargo Battens,** thickness and material ✓

Cargo Hatchways.—How formed? Scuttles **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 2. **No. of Crutches** 2 deep floor

Bulwarks, height above deck and description 45" x ·31 Slat. Main Rail, material and size 6 7 x 3 x ·40

The foregoing is a correct description.

Builder's Signature (here only) FOR COCHRANE & SONS LTD. DIRECTOR. *Surveyor's Signature* R. Laws. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*References should be made in any correspondence connected with the case*) M 6/3/14. E 2/4/14.

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 faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? None.

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 constructed in accordance with the approved Plans herewith enclosed, the Secretary's letters & generally in conformity with the Society's Rules and the materials & workmanship throughout are good.

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 : 0 : 0. Fees applied for, 22-9-1914

Special Survey Fee.... £ 13 : 7 : 0. Received by me. 24 9 1914

Travelling Expenses, if any £ – : 18 : 6

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed + 100 A 1 "Steam Trawler"

With, or without Freeboard, as condition of Class without.

Certificate to be sent to Hull Date of issue 2/10/14

R. Laws. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Committee's Minute FRI. SEP. 25. 1914

Character assigned 100 A 1 Stm Trawler

Lloyds Reg. + Lt 6.9.14.

The Surveyors are requested not to write never below the Committee's Minute.

27915

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 73 ft., Bridge ✓ ft., Forecastle 14 (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 should appear in the Register Book*) 1 Deck.

Official No. ; 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. 2060

Date 10/3/14

No. 606 in builder's yard.

Dates of Surveys held while building: 1914:- Mar 30 Apr 7. 8. 16. 23. 28 May 5. 9. 14. 21. 28. Jun 5. 12. 23. 25 Jul 22. 24. 28. Aug 20. 27. Sep. 3. 7.

Total No. of Visits 24

Surveyor's Signature B. Clan