With ~~or Without~~ Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT. OCT. 12 1912

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

Date of completion of report 10th October 1912 Port of Hull No. 25517

Survey held at Selby Date, First Survey May 31st Last Survey Oct 7th 1912

On the Single Screw Trawler "ISA." Rig Ketch.

* 100 A1.

CLASS Steam Trawler.

TONNAGE under Tonnage Deck	193.96
Do. between Tonnage Dk. and 3rd and 4th Dk.	✓
Total under Upper Dk.	✓
Do. of Poop	
Do. of R.Q.Dk.	13.14
Do. of Bridge House	✓
Do. of Forecastle	6.98
Do. of Houses on Dk.	3.33
Do. of excess of Hatchways	✓
Do. above Crown of Engine Room	✓
Gross Tonnage	214.41
Less Crew Space	
Less above Crown of Engine Room	
...GE FOR FEES	214.41
...ngine Room	107.95
...vigation Spaces	8.07
...er Tonnage ...t on Beam	99.88

	FEET.
Breadth (greatest moulded)	21.36
Depth, at middle of length from top of keel to top of upper deck beams at side	12.50
Transverse Number	33.86
Length on deck from fore part of stem to after part of stern post	115.00
Longitudinal Number	3893
Depth "d," at middle of length (See Secs. 2 & 13)	11.17
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	9.20
" " Long Bridge Deck Beam at side to top of keel	✓

Master Louis Dedrie.

Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel 1912

Built at Selby

When built 1912 Launched 29th Aug.

By whom built Cochran & Sons.

Owners Société Anonyme Pêcheries à Vapeur.

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

Residence Ostende.

Port belonging to Ostende.

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

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
...GTH on Deck ...per Rule	115	0	BREADTH— Moulded	21	4 3/8	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams; Do. do. do. do. Second Dk. Beams	11 ✓	9	No. of Decks with flat laid One; No. of Tiers of Beams One

...nsions of Ship per Register, Length 115.0 breadth 21.5 depth 11.4. Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 12 ins. 6 ✓ To Upper Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.

	Inches in Ship.	Inches in Ship	Inches in Ship. 16ths	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule ved. 16ths
...ME, Angles, ~~or [or [Bars~~ amidships	4	3	8/20	4	3	8/20
... in peaks						
... in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
...ng of Frames from centre to centre amidships						
" " " from ¼ length to Collision bulkhead		21			21	
" " " in peaks						
...ERSED FRAME, Angles	2½	2½	4	2½	2½	4
... in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
...MING, depth of girder		4			4	
...DRS, depth and thickness of Floor Plate at mid-line for ¼ length amidships	16		6	16		6
in way of Engine and Boiler Spaces	E	7.B	8			7.8
thickness at the ends of vessel			5			5
depth at ¾ the half breadth, as per Rule	Straight			across		
height extended at the Bilges		alw		plan.		
...RS & BRACKETS in ~~Cell~~ Dble Bottoms	16		6	16		6
" state if flanged (top & bottom)		No				
" Spacing		21			21	
...RE GIRDER, in Dbl. bottom, dpth. & thicknss.	32		6/20	32		6/20
" Angles, Top	3	3	6/20	3	3	6/20
" " Bottom	3	3	6/20	3	3	6/20
" " to Floors		✓				
...GIRDERS, number on each side & thickness	None, Angle bar stanchions connecting every floor and beam					
" ~~state if flanged (top and bottom)~~						
" ~~Angles (top and bottom)~~	21" apart					
" " to Floors		✓				
...IN PLATE, depth (exclusive of flange) and thickness	31		5	31		5
" Angles to Outside Plating	Flanged					
" " Floors		✓				
" Height of Brackets above at bilge		68				
...R BOTTOM PLATING, breadth and thickness of Middle Line Strake			5			5
" " in Engine and Boiler space		✓				
" " Remainder in Holds			5			5
...S, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	8	5	3	8
Angles on upper edge		✓				
In way of Long Bridge		✓				
Spacing		42			42	
...S, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
Angles on upper edge		✓				
" 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	8	5	3	8
" Angles on upper edge		✓				
" Spacing		42			42	

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 " "	2½	Arrangd		
" Quarter 'tween Dks., " "	✓			
" " in Hold " "	✓			

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship. 16ths	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule ved. 16ths
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~	4½		7	7½		7
" Rider Plate		✓				
" Flat Plate Keel Angles		✓				
" Horizontal Plates on Floors		✓				
" Angles ~~or Bulb Angles~~	4	3	7	4	3	7
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	5	4	8
" Intercostal Plate for ... length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number		One			One	
" " Angle	5	4	8	5	4	8
" Intercostal Plate, for ... length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50		5	50		5
" " " " br'dth & thickness (in way of Bridge)	✓					
" " Angle (clear of Bridge)	3 x 3		6	3 x 3		6
" " Tie Plate at sides of Hatchways	8		6	8		6
" Deck.* ~~Iron or~~ Steel, for Machinery Space and Bunkers ... lng.			5			5
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thcknss P. Pine	3			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	30		5	30		5
" Angle on ditto	3 x 3		6	3 x 3		6
" ~~Tie~~ Plates Deck plated over			5			5
" Deck. Material and thickness P. Pine	3			3		

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

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 (Bulb.)	7½ × 1⅛	7½ × 1⅛
STEM, moulding and thickness (Bulb Bars)	7½ × 1⅛	7½ × 1⅛
STERN-POST for Rudder do. do.	5¾ × 2¾	5¾ × 2¾
,, for Propeller		
RUDDER—A×D* Table 22. Speed 10 Knots (Under)	47.78	47.78
,, **Main-Piece,** diameter at head	4¼	4¼
,, ,, ,, at heel	3½ × 3	2¾ × 2½

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness.	Stiffeners. Horizontal. Size.	Horizontal. Spacing	Vertical. Size.	Vertical. Spacing	Single or Double Frames.	Height up.
			Inches.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	4	4	·26	3 × 2½		6/16	48 30	Single	Dk
COLLISION ,,			·26	3 × 2½		9/16	48 24	Single	Dk
PARTITION ,,									
LONGITUDINAL ,,									

RUDDER, how constructed Forged iron frame.

,, Thickness of Plates ~~or Single Plate~~ 5/20

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.? Mild Steel. South Durham. Consett.

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

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

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

PLATING.

STRAKES.		As in Ship. Amidship. Breadth.	Amidship. Thickness.	Forward. Thickness.	Aft. Thickness.	Per Rule or as Approved. Amidship. Breadth.	Amidship. Thickness.
		Inches.	Inches. 16ths	Inches. 16ths	Inches. 16ths	Inches.	Inches. 16ths
FLAT PLATE KEEL (If Bar Keel, state Riveting.)							
GARBOARD or	A Strake	32	7	6	6	32	7
State actual thickness in way of Double Bottom.	B ,,		6	6	6		6
	C ,,		7	6	6		7
	D ,,		7	6	6		7
	E ,,		6	6	6		6
Shear	F ,,	36	8	6	6	36	8
	G ,,						
	H ,,						
	J ,,						
	K ,,						
	L ,,						
	M ,,						
	N ,,						
	O ,,						
	P ,,						
	Q ,,						
	R ,,						
	S ,,						
	T ,,						
	U ,,						
	V ,,						
	W ,,						
TH'KNESS OF SH'ESTREKE CLEAR OF LONG BRIDGE							
DO. OF STRAKE BELOW							
DBLG. of Flat Plate Keel							
,, Sheerstrakes *Length and thickness.*							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES			6.5				

*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.

Seams EDGES, Ordinary or Joggled? Ordinary

	Single or Double.	Breadth of Lap.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Butts. Double or Treble and for what Length.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Straps. Breadth.	Straps. Thickness.	If Lapped. Breadth.	If Lapped. For what Length.
		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches. 16ths	Inches.	Feet.
					Treble L	¾	2⅝	9¾	8		
Treble L	4½	¾	3		" " "	"	"			5	Full
					" " "	"	"			"	"
					" " "	"	"			"	"
					" " "	"	"			"	"
					" " "	"	"	9¾	9		

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	43-0	13								
	Main											
	Mizen	Oval	34-6	11								
Bowsprit ✓												

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

Rigging, Material and Size, **Shrouds** Galvd. Wire 2¾". 2¼" **Stays** Galvd. Wire 4". 2¼".

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

Form No. 1A.

EQUIPMENT No. ✓ LETTER ✓ . ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 3893.

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.
12535	1st Bower	5	0	8	1	1	2	7	9	2	21	5	0	0	Rodgers	Not stated.	L.P.H. 2, 14, 27-9-12, Paul
12534	2nd ,,	4	2	14	1	0	22	7	0	0	0	4	2	0	"	" "	— " — 27-9-12 "
12533	3rd ,,	2	2	2	—	2	26	5	0	0	0	2	2	0	Ordinary	" "	— " — 27-9-12 "
	4th ,,																
	Collective weight																
	Stream	✓															
	Kedge	✓															

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

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length.	Diam.	Test per Certificate. Statutory.	Breaking.	Weight of Chain Cable. Supplied.	Per Rule.	Length and Size per Table 31. Length.	Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.			
11595	69½	1	18	27	46.3.15	45.3.17	90	1	Altd	Not stated	L.P.H. 2, 14, 30-9-12 A. H. Young, Asst.
									Altd		
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.			

HAWSERS AND WARPS.

Material	Length and Size supplied. Length.	Cir.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31. Length.	Cir.
	Fathoms.	Ins.	Tons.	Fathoms.	Ins
2 Lengths of Towline Steel Wire, each	200	2¾	15½		
HAWSERS & WARPS	60	5½	—	60	5½
Manilla	60	4	—	60	4
" "					

Boats One **Steering Gear, Steam** ✓ **Steering Gear, Hand** Cochrane & Sons

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

Windlass is by Cochrane & Sons. **Capstan** ✓

Engine Room Skylights.—How constructed? of Teak What arrangements for deadlights in bad weather? Teak flaps & bullseyes.

Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Screwed Height above deck? Flush

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side, 5 Scuppers. 3 Freeing Ports 18" × 9".

Ceiling in Holds, thickness and material 2" pine **Cargo Battens,** thickness and material ✓

Cargo Hatchways.—How formed? Plates and angles, **Hatches,** If strong and efficient? 3" solid.

State size **No. 1 Hatch** (Forward) 5'-3" × 3'-3" **No. 2 Hatch** 3'-3" × 3'-3" **No. 3 Hatch** 3'-3" × 3'-3" **No. 4 Hatch** ✓

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch ✓

No. of Breasthooks Four **No. of Crutches** One & dup floors.

Bulwarks, height above deck and description 3'-6" × 5/16" Main Rail, material and size 6½ × 3 × 8/20 Altd B.R.

The foregoing is a correct description.

Builder's Signature (here only) Cochrane & Sons. *Surveyor's Signature* Allison B. Wilson

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

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) (m) 5-1-12

22-4-12, (R) 6-3-12

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? 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.) Workmanship good.

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report:- Duplicate copies of the plans of Midship Section, Profile and Decks. Pumping Arrangements, and a Report on Ships Forgings.

This is a Sister Vessel to the "Emmanuel". Hull Report No. 25276.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee ..... £ 2 : 0 : 0 Fees applied for, 11/10/1912

Special Survey Fee .... £ 10 : 17 : 0 Received by me, 14/10/1912

Travelling Expenses, if any £ — : 15 : 5

Certificate to be sent to Hull *Date of issue* 25/10/12

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.

Allison B. Wilson.

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

Committee's Minute TUE. OCT 15 1912

Character assigned 100 A1 Str. Trawler Lloyd's ABP Home 10.12

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

0253 2/2

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 65.2 ft., Bridge ✓ ft., Forecastle 20.0 (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. ✓ ; Signal Letters ✓ . State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint 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~~, amidships	13'-9"	15
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. 1938

Date 9/5/12

No. 534 in builder's yard.

Dates of Surveys held while building: 1912:- May 31. Jun 10. 14. 19. 26. 28. July 1. 5. 11. 15. 26. 30. Aug. 14. 16. 23. Sep 4. 11. 13. 14. 25 Oct. 3. 7.

Total No. of Visits 23

Surveyor's Signature Allison B. Wilson.