

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office AUG-24-1912

Date of completion of report 30-7-1912

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

yes

Survey held at Selly

Date, First Survey

Port of Hull

Feb 1st

Last Survey

No.

25276

1912

On the

Steamer "EMMANUEL,"

Rig Ketch

TONNAGE under

193.96

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

13.11

Do. of Bridge House

Do. of Forecastle

7.21

Do. of Houses on Dk.

3.27

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

217.55

Less Crown Space

non of

FEES..

217.55

Room

109.01

Spaces

8.01

Image

100.53

CLASS 100A1, Steam Steamer.

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 Joseph Beckles

Year of appointment

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

Built at Selly

When built 1912

Launched 18th May

By whom built Cochran & Sons.

Owners Societe Anonyme Pecheries a vapeur.

Managers

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

Residence Ostend.

Port belonging to Ostend.

Destined Voyage Fishing.

If Surveyed while Building, Afloat, or in Dry Dock Yes

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

of Ship per Register, Length 115.0 breadth 21.5 depth 11.7. Moulded depth, ft. 12 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or <del>E or L</del> Beams amidships	4	3	8 20	4	3	8 20	PILLARS, In 'tween Deck, size and spacing						
Do. at intermdt. Bkts.							" " Hold	2 1/2	As arranged				
Frames from centre to centre amidships	21			21			" " Quarter 'tween Dks.,						
" " length to Collision bulkhead							" " in Hold						
" " in peaks													
D FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4	KEELSONS & STRINGERS.						
Do. at intermdt. Bkts.							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7 1/2		16 1/2	7 1/2	16 1/2	7
Do. depth of girder	16		6	16		6	" Rider Plate						
Do. depth and thickness of Floor Plate at mid-line for 1/2 length amidships	E 7. B 8					7.8	" Flat Plate Keel Angles						
Do. of Engine and Boiler Spaces			5			5	" Horizontal Plates on Floors						
Do. thickness at the ends of vessel							" Angles or Bulb Angles	4	3	7	4	3	7
Do. at 1/2 the half breadth, as per Rule	Straight across						SIDE KEELSONS, Number						
Do. at extended at the Bilges	Out plan						" Angles or Bulb Angles						
BRACKETS in <del>on</del> Dble Bottoms	16		6	16		6	" Plate above floors, for length						
" state if flanged (top & bottom)	No						" Intercoastal Plate, for length						
" Spacing	21			21			" Attached to outside Plating with Angle						
ORDER, in Dbl. bottom, dpth. & thickness	32		6 20	32		6 20	BILGE KEELSON, Angles (D.M.)	5	4	8	5	4	8
" Angles, Top	3	3	6 20	3	3	6 20	" Intercoastal Plate for length						
" " Bottom	3	3	6 20	3	3	6 20	" Attached to outside Plating with Angle						
" " to Floors							SIDE STRINGERS, Number	One			One		
ORS, number on each side & thickness	None, Angle beam						" " Angle	5	4	8	5	4	8
state if flanged (top and bottom)	stanchions to every floor						" Intercoastal Plate, for length						
Angles (top and bottom)	21' apart						" Attached to outside plating with Angle						
" to Floors													
ATE, depth (exclusive of flange) and thickness	31		5 1/4	31		5 1/4	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	5	50	5		
" Angles to Outside Plating	Flanged						" " " " br'dth & thickness (in way of Bridge)						
" " Floors							" " " " Angle (clear of Bridge)	3 x 3	6	3 x 3	6		
" Height of Brackets above at bilge	6 8						" Tie Plate at sides of Hatchways	8	6	8	6		
OTTOM PLATING, breadth and thickness of Middle Line Strake			5 1/4				" Deck * Iron or Steel, for Machinery space and Bulkheads		5		5		
" in Engine and Boiler space							" Thickness (clear of Bridge)						
" Remainder in Holds			5 1/4				" " (in way of Bridge)						
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	8	5	3	8	" Wood Deck. Material & thickness P. Pine	3		3			
Angles on upper edge							Second Deck Stringer Plate, br'dth & thickness						
Way of Long Bridge							" Angles on ditto, No.						
Spacing	42			42			" Tie Plates outside Hatchways						
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck * Iron or Steel, for lng.						
Angles on upper edge							" Wood Deck. Material & thickness						
" Spacing							Third Deck Stringer Plate, br'dth & 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 and thickness						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness						
Angles on upper edge							" " " Angles on ditto, No.						
" Spacing							" " " Tie Plates outside Hatchways						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " " Deck. Material & thickness						
Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness						
" Spacing							" Angle on ditto						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	8	5	3	8	" Tie Plates						
Angles on upper edge							" Deck. Material and thickness						
" Spacing	42			42			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 plating on		5		5		
							" Deck. Material and thickness P. Pine	3		3			



WEB FRAMES.				FORGINGS & CASTINGS.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 3893.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness				1st Bower				2nd Bower			
No. of Side Stringers				STEM, moulding and thickness				2nd				3rd			
WEB FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.				4th				Collective weight			
brdth. & thickness				for Propeller				Stream				Kedge			
WEB FRAMES, In After Body, No. and spacing				RUDDER-A x D Table 22. Speed 10 knots											
brdth. & thickness				Main-Piece, diameter at head											
No. of Side Stringers				at heel											
Size of Face Angles to Web-Frames															
BRACKET PLATES to Stringers between Web Frames, depth and thickness															
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness				1st Bower				2nd Bower			
No. of Side Stringers				STEM, moulding and thickness				2nd				3rd			
WEB FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.				4th				Collective weight			
brdth. & thickness				for Propeller				Stream				Kedge			
WEB FRAMES, In After Body, No. and spacing				RUDDER-A x D Table 22. Speed 10 knots											
brdth. & thickness				Main-Piece, diameter at head											
No. of Side Stringers				at heel											
Size of Face Angles to Web-Frames															
BRACKET PLATES to Stringers between Web Frames, depth and thickness															

  

BULKHEADS.				STIFFENERS.				RUDDER, how constructed			
Number, Vessel, Rule				Horizontal, Vertical, Size, Spacing, Size, Spacing				Joggled iron frame			
Thickness, Inches				Single or Double Frames, Height up				Thickness of Plates			
W.T. BULKHEADS				4 4 .26 3 x 2 1/2 x 4 1/4 48 30 Single Pl.				5/20			
COLLISION PARTITION				.26 3 x 2 1/2 x 4 1/4 48 24 Single Pl.				Can the Rudder be unshipped afloat? Yes.			
LONGITUDINAL								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, Connitt.			
Are the outside Plates doubled two spaces of Frames in length?				Diamond plating fitted				Has the Steel been tested as required by the Rules? Yes.			
Are the Hatch Covers and Watertight Doors in efficient working order?				Yes							

  

PLATING.				RIVETING.							
AS IN SHIP.				PER RULE OR AS APPROVED.							
STRAKES.				EDGES, Ordinary or Joggled?							
AMIDSHIP, FORWARD, AFT.				Single or Double, Breadth of Lap, Diam. Spacing (or to or from)							
Breadth, Thickness, Thickness, Thickness				RIVETS, Double or Treble and for what length, Diam. Spacing (or to or from), RIVETS, STRAPS, IF LAPPED.							
FLAT PLATE KEEL (U Bar Keel, state Riveting)				1 5				Full 3/4 2 5/8 9 3/4 8			
GARBOARD OR A STRAKE				Double 4 1/2 3 3				5 Full			
B											
C											
D											
E											
F											
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V											
W											
THICKNESS OF SHEET											
CLEAR OF LONG BRIDGE											
DO. OF STRAKE BELOW											
DEG. of Flat Plate Keel											
Sheerstrakes											
Length and thickness											
POOP SIDES											
SHORT BRIDGE SIDES											
FORECASTLE SIDES											

  

UPPER DECK				BUTTS OF SIDE STRINGERS			
Butts, Riveted for full length amidship.				riveted.			
Stringer Plate Straps, single, double or overlapped for full length amidship.				riveted.			
Second Deck				Inner Bottom Plating, riveting of Edges			
Butts, riveted for full length amidship.				Butts			
Stringer Plate Straps, single or overlapped for full length amidship.				Centre Girder Butts, riveted			
				Keelson Butts, riveted			
				Frames, riveted through Plates with 3/4 in. Rivets, about 5 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 across top of floors. (Single angle frames.)				State if ordinary or joggled Ordinary.			
MASTS, SPARS, &c. <td colspan="4"></td>							
Material, Total Length, At Partners, Head, Honnds, Head, No. of Plates in round, ANGLES, Number, Size, Seams, Riveting, Butts. <td colspan="4"></td>							
LOWER MASTS							
Fore P.P. Pin 43-0 13"							
Main							
Mizen Steel 34-6 11							
Bowsprit							
Topmasts, Yards and Remainder of Spars Pitch Pin							
Rigging, Material and Size, Shrouds Balow' wire, 2 3/4" 2 1/4"				Stays Balow' wire, 4" 2 1/4"			
Sails, One				Sails, and the following spare sails			

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 3893.			
Number of Certificate				WEIGHT, EX. STOCK				TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.			
Anchors				Cwts. qrs. lbs.				Cwts. qrs. lbs.				Cwts. qrs. lbs.			
67637				1st Bower				5 0 6 1 1 4 7 9 2 21 5 0 0				Rodgers			
67638				2nd				4 2 4 1 0 16 7 0 0 0 4 2 0				" " " " 13-6-12			
67635				3rd				2 2 4 2 16 5 2 2 0 2 2 0				Ordinary			
				4th											
				Collective weight											
				Stream											
				Kedge											

  

CHAIN CABLES.				HAWERS AND WARPS.																															
Number of Certificate				Length and size supplied				Description				Makers of Cables				Where and when tested, and Superintendent				Material				Length and size supplied				Breaking Test of Steel Wire				Length and size per Table 31.			
Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.			
51096				90 1/2 1 18 27 47-2-0 45-3-17 90 1				Ated				L.P.H.N. 13-6-12				TOWLINE				60 5 1/2				60 5 1/2				60 5 1/2				60 5 1/2			

  

Boats On				Steering Gear, Steam				Steering Gear, Hand			
Pumps, Number				Diameter of Barrel				State whether they are in efficient working order			
Windlass is by				Capstan							
Engine Room Skylights—How constructed? Of 3 oak.				What arrangements for deadlights in bad weather? Oak flags & bulldozers.							
Coal Bunker Openings—How constructed? Cast iron rings				How are lids secured? Permed				Height above deck? 7 1/2 ft.			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 5 Scuppers. 3 freeing ports 18 x 9.				Cargo Battens, thickness and material				Hatches, If strong and efficient? 3" solid.			
Ceiling in Holds, thickness and material 2" pine				State size No. 1 Hatch (Forward) 5-3 x 3-3 No. 2 Hatch 3-3 x 3-3 No. 3 Hatch 3-3 x 3-3 No. 4 Hatch							
Cargo Hatchways—How formed? Plates and angles				Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch							
Bulwarks, height above deck and description 3-6 x 5 1/2				No. of Breasthooks 8				No. of Crutches 10 9 dup from			
The foregoing is a correct description.				Main Rail, material and size 6 1/2 x 3 x 30 Mild B.A.							
Builder's Signature (here enter) 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 (E.) 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)? Trauler State results of tests

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Trauler 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 date and in general conformity to the Rules for the class contemplated.

Accompanying this Report: Plans of Midship Section, Profile and Decks, and Pumping Arrangements, and a Report on Ships Forgings.

  

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, 29-7-1912

Special Survey Fee £ 10 : 18 : 0 Received by me, 31-7-1912

Travelling Expenses, if any £ : 14 : 10

State whether the Vessel has been built under Special Survey Yes

Opinion of this Vessel should be Classed 100A1 "Steam Trawler"

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

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

  

Committee's Minute FRI. AUG. - 9 1912

Character assigned 100A1

Stm Hawker

Lloyd's acc'd June 7/12

W



WEB FRAM  
MES, In Fore Bo  
o of Side String  
MES, In E. & B  
MES, In After B  
o of Side String  
of Face Angles  
PLATES to S  
nes, depth and  
ADS. Number  
Vessel.  
HEADS 4  
e Plates double  
Valves and W  
KES.  
KEEL.....  
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 16.25 ft., Bridge ✓ ft., Forecastle 2  
(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) 10K.

Official No. ✓ ; Signal Letters ✓

State if Machinery is fitted aft Aft.

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.	Where Fitted.	*Length. Feet.	Water T
Double bottom, <del>aft</del> , amidships ✓	13'-9"	15	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. Yes

Order for Special Survey No. 1919

Date 12.1-12

No. 522 in builder's yard.

DATES of Surveys held while building

1912:—Feb. 1. Mar. 7. 12. 19. 28. Apr. 12. 17. May 13. 17. 31. Jun. 10. 14. 19. 26.  
Jul. 1. 5. 11. 15. 17. 22. 27. 29.

Surveyor's Signature

Allison B. Wilson

Total No. of Visits 2