1 ~~or 2~~ Dks~~s~~, and R.Q.Dk., ~~and Pt. Awng. Dk.~~

~~IRON OR~~ STEEL STEAMER.

No. 20,550

State if Report is also sent on the Machinery of the Vessel yes. *Received at London Office,* THUR. 24 SEP 1908

Date of completion of Report 19th September 1908. *Port of* Hull

Date, First Survey 29th May, *Last Survey* 10th Septr 1908

Rig Keleh

Survey held at Selby.

On the Steam Trawler "DELTA B."

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1. Steam Trawler.

	FEET.
TONNAGE under Tonnage Deck	191.01
Do. of Poop	
Do. of Raised Qr. Dk. or Break	13.03
Do. of Bridge House	
Do. of Forecastle	5.83
Do. of Houses on Deck	9.60
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	219.47
ace	
own of m ..	
FEES ..	219.47
Room	106.96
n Spaces	6.00
nnage am ..	106.51
Half Breadth (*moulded*)	10.70
Depth *from upper part of Keel to top of Main Deck Bms.* (with the normal round up of beam)	12.69
Girth *of Half Midship Frame* (*as per Rule*)	19.00
1st Number	42.39
Length *on deck from after part of stem to fore part of stern post*	118.87
2nd Number	5038
Proportions—*Breadths to Length*	5.5
Depths to Length—Main Deck to top of Keel	9.3

Master

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

Built at Selby.

When built 1908 *Launched* 6th July

By whom built Cochran & Sons.

Owners Société Anonyme "Delta".

Managers

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

Residence 38 Rue de la Pepiniere, Brussels.

Port belonging to Ostende

Destined Voyage Fishing. *If Surveyed while Building, Afloat, and in Dry Dock* Yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
Deck as	118	10½	**BREADTH**—Moulded	21	5	**DEPTH, ACTUAL**—Top of Floors to top of Main Deck Beams	11	6	No. of Decks with Flat laid One; No. of Tiers of Beams One

Ship per Register, Length, 120-0 breadth, 21-5 depth, 11-5. Moulded Depth, 12 ft. 3 ins. Round of Beam, Actual 7 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	~~Halves or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Approved	~~Halves or~~ 20ths per Rule ved.
ngles, ~~T, L or L Bars~~, for ⅜ length	4	3	8	4	3	8
midships	4	3	7	4	3	7
at each end		✓				
y of Double Bottoms at Solid Floors		✓				
„ at intermdt. Bkts.		21			21	
Frames from centre to centre	2½	2½	5	2½	2½	5
D FRAME, Angles		4			4	
AMING, depth of girder	16		6	16		6
depth and thickness of Floor Plate mid-line for ⅜ length amidships			8-7			8-7
ty of Engines and Boilers			6			6
ness at the ends of vessel	Straight across					
at ¾ the half breadth, as per Rule						
it extended at the Bilges		✓				
BRACKETS, in **Cell Dble Bottoms**		✓				
„ state if flanged (top & bottom)		✓				
„ Spacing		✓				
GIRDER, in Double Bottom, depth and thickness		✓				
„ Angles, Top		✓				
„ „ Bottom		✓				
DERS, number on each side & thickness		✓				
„ state if flanged (top & bottom)		✓				
ngles		✓				
PLATE, depth (exclusive of flange) and thickness		✓				
ngles to Outside Plating		✓				
„ Floors		✓				
eight of Floors at the Bilges		✓				
TTOM PLATING, breadth and thickness of **Middle Line Strake**		✓				
thickness in Engine and Boiler space		✓				
„ Remainder in Holds		✓				
Main and Raised Quarter Deck, Angle, ~~Bulb Angle, Plate or Tee Bulb~~	5½	3	8	5½	3	8
les on Upper Edge		✓				
ing		42			42	
Lower Deck, Single Angle, Bulb ngle, Plate or Tee Bulb		✓				
ngles on Upper Edge		✓				
pacing		✓				
old, Plate or Tee Bulb		✓				
ngles on Upper Edge		✓				
pacing		✓				
oop Deck, Angle, Bulb Angle, Plate Tee Bulb		✓				
ngles on Upper Edge		✓				
pacing		✓				
ridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb		✓				
ngles on Upper Edge		✓				
pacing		✓				
recastle Deck, Angle, ~~Bulb Angle, ate or Tee Bulb~~	5½	3	8	5½	3	8
ngles on Upper Edge		✓				
pacing		42			42	
In 'tween Decks, Size and Spacing		✓				
„ „ **Hold** „ „	2½	As arranged				
„ **Quarter, 'tween Dks.,** „ „		✓				
„ „ **in Hold** „ „		✓				
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 Angles or Tee Bars to **Web Frames**		✓				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness		✓				

FORGINGS ~~AND CASTINGS~~.	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side~~ Plates (Built) depth and thickness	7½ × 1⅛	7½ × 1⅛
STEM, moulding and thickness	7½ × 1⅛	7½ × 1⅛
STERN-POST for Rudder do. do.	6 × 2½	6 × 2½
„ for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4¼	4¼
do. at heel	3½	3½

RUDDER, how constructed Forged iron frame, single plate 16/20

Can the Rudder be unshipped afloat?

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	~~Halves or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Approved	~~Halves or~~ 20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate (Built)	4½		8	7½		8
„ Rider Plate		✓				
„ Bulb Plate to Intercostal Keelson		✓				
„ Horizontal Plates on Floors		✓				
„ Angles	4	3	8	4	3	8
SIDE KEELSON, Angles		✓				
„ Bulb or Plate above floors for lng.		✓				
„ Intercostal Plate for length		✓				
„ Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles (~~Bulb~~)	5	4	8	5	4	8
„ Bulb or Plate above floors for lng.		✓				
„ Intercostal Plate for length		✓				
„ Attached to outside plating with Angle		✓				
BILGE STRINGER Angles		✓				
„ Bulb Plate for length		✓				
„ Intercostal Plate for length		✓				
„ Attached to outside plating with Angle		✓				
SIDE STRINGER Angles (~~Bulb~~)	5	4	8	5	4	8
„ Bulb or Intercostal Plate for lng.		✓				
„ Attached to outside plating with Angle		✓				
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50		6	50		6
„ Angle on ditto	3 × 3		6	3 × 3		6
„ Tie Plates, outside Hatchways	8		7	8		7
„ Diagonal Tie Plates on Bms., No. of Pairs	✓					
„ Main Dk* Iron or Steel for lng.	✓					
„ R. Q. Dk* ~~Iron or~~ Steel for Machinery Space lng.			7			7
„ Wood Deck, Material & thickness P. Pine	3			3		
Lower Deck Stringer Plate, breadth and thickness	✓					
„ Angles on ditto, No.	✓					
„ Tie Plates, outside Hatchways	✓					
„ Deck* Material and thickness	✓					
Hold Stringer Plate	✓					
„ Angles on ditto, No.	✓					
Poop Deck Stringer Plate, breadth & thickness	✓					
„ Angle on ditto	✓					
„ Tie Plates	✓					
„ Deck, Material and thickness	✓					
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness.	✓					
„ Angle on ditto	✓					
„ Tie Plates	✓					
„ Deck, Material and thickness	✓					
Forecastle Deck Stringer Plate, brdth & thcknss			6			6
„ Angle on ditto	3 × 3		6	3 × 3		6
„ Tie Plates	8		7	8		7
„ 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.*

BULKHEADS.	Number. In Vessel.	Number. Per Rule.	Thickness. ~~Halves or~~ 20ths.	STIFFENERS. Horizontal. Size. Inches.	STIFFENERS. Horizontal. Spacing Inches.	STIFFENERS. Vertical. Size. Inches.	STIFFENERS. Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	3	3	5	3" × 2½" × ⅜"		6"	48 30	D'ble	Dk
PARTITION „	✓								
LONGITUDINAL „	✓								

Are the outside Plates doubled two spaces of Frames in length? Diamond plating 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.	16ths or 20ths	16ths or 20ths	16ths or 20ths	Inches.	16ths or 20ths
Flat Plate Keel (If Bar Keel, state Rivetting)	Bar Keel					
Garboard or A Strake	32	8	7	7	32	8
B "		7	6	6		7
C "		7	6	6		7
D "		7	6	6		7
E "		7	6	6		7
Sheer F "	33	8	6	6	33	8
G "						
H "						
J "						
K "						
L "						
M "						
N "						
O "						
P "						
Doubling of Flat Plate Keel	✓					
Length and thickness of Bilges	✓					
Length and thickness of Sheerstrakes	✓					
Length and thickness of Strake below	✓					
Poop Sides	✓					
Raised Quarter Dk. Sides	✓					
Bridge Sides	✓					
Forecastle Sides	✓		6-5			
Lengths of Plating	Seven frame spaces.					

Write "Sheer Strake" opposite its corresponding letter

RIVETING.

Lower 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.	Butts. Rivets. Diam.	Butts. Rivets. Spacing cr. to cr.	Straps. Breadth.	Straps. Thickness.	If Lapped. Breadth	If Lapped. For what Length.
		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Nos. 20ths	Inches.	Feet.
Flat Plate Keel			1	5							
Garboard or A Strake					Full	3/4	2 5/8	9 3/4	9		
B "	Double	4 1/2	3/4	3	" " "	"	4			5	Full
C "	"	"	"	"	" " "	4	4			"	"
D "	"	"	"	"	" " "	"	"			"	"
E "	"	"	"	"	" " "	"	"			"	"
Sheer F "	"	"	"	"	" " "	"	"	9 3/4	9	"	"
G "											
H "											
J "											
K "											
L "											
M "											
N "											
O "											
P "											

Double

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, outside Plating, &c.? Mild Steel
South Durham. Consett. Frodingham.

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

Main Stringer Plate Butts, ~~treble~~ riveted for full length ~~amidship~~. Straps, ~~single, double or~~ overlapped for full length ~~amidship~~

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? D.

Inner Bottom Plating, riveting of Edges ✓ Butts ✓

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

Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.

Rivets, state whether of 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~~ across tops of floors. (Single angle frame) 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	P. Pine	41-0	13"								
	Main											
	Mizen	P. Pine	26-0	12								

Bowsprit ✓

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

Rigging, Material and Size, **Shrouds** Galvd wire. 2 3/4" - 2 1/4". **Stays** Galvd Wire. 4" - 2 1/4"

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

Equipment No. ✓ Letter . ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 5038.

ANCHORS.

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 22. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
33831	1st Bower	5	1	6	1	1	8	7	11	3	14	5	1	0	Rodgers	R. Sykes & Son	L.P.H.-T. 23-7-08. Perrins
33830	2nd "	4	3	11	1	0	24	7	5	0	0	4	3	0	"	" " "	" " 23-7-08 "
33832	3rd "	2	2	7	-	2	16	5	0	0	0	2	2	0	"	" " "	" " 23-7-08 "
	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. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	For Table 22. Cwts. qrs. lbs.	Length & Size per Table 22. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested and Superintended.
34612	90 1/2	1	18	27	46-3-27	45-3-17	90	1	Stud Link	R. Sykes & Son	L.P.H.-T. 23-7-08
											C.E. Perrins
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 22. Length. Fathoms.	Cir. Ins.
Towline	✓				
Hawsers & Warps	60 - 6			60 - 6	
Manilla	60 - 4 1/2			60 - 4 1/2	
" "					

Boats One

Pumps, Number Three 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 and bullseyes.

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

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** On each side. 6 Scuppers. 5 Freeing Ports 18" x 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? Yes.

State size **No. 1 Hatch** (Forward) 5'-9"-3-3" **No. 2 Hatch** 3-3 x 3-3 **No. 3 Hatch** 3-3 x 3-3 **No. 4 Hatch** ✓

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

Bulwarks, height above deck and description 3'-4" x 6-5/20". **No. of Breasthooks** Four **No. of Crutches** One to each dup. floor.

Main Rail and Stays, material and size 6 x 3 x 7/20 Steel B.A.

The above 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.

Dpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*)
(M) 15-5-08. 25-5-08. (E) 24-6-08.

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. 23, par 24)? Tested State results of tests ✓

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? ✓ 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:- Plans of Midship Section, Profile and Decks. Pumping Arrangements. Rudder. Report on Ships Forgings.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. or Break 71-0 ft., Bridge Dk. ✓ ft., F'castle 19-0 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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 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.	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, ✓ (If necessary, furnish further information by sketch.)		

Total capacity of double bottom ✓

* 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. 1750
Date 20th May-08
No. 434 in builder's yard

Dates of Surveys held while building: 1908, May 29. June 5, 18, 24, 30, July 8, 10, 14, 28, August 6, 13, 27, Sept 1, 9, 10

Total No. of Visits 15.

The amount of Entry Fee £ 2 : 0 : -
Special £ 10 : 19 : -
Travelling Expenses, if any £ 1 : 8 : 9

Fees applied for, 23-9 1908.
Received by me, 25/9/08 1908. 26/9/08

Certificate to be sent to Hull.

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

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

Committee's Minute FRI 25 SEP 1908

Character assigned 100 A1 Stm Trawler LP

Lloyds a 86 P + LR 6.08

certs issued 16/10/08.

W1426-0021 3/2