With ~~or Without~~ Disconnected Erections.

STEEL STEAMER.

MON.FEB.9-1914

Received at London Office

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

Date of completion of report 6th February 1914 Port of Hull No. 27166

Built at Selby. Date, First Survey Sep 10th Last Survey Jan. 28th 1914.

(State if Single, ~~Twin, or Triple Screws~~) S.S. "OKINO." Rig Ketch.

CLASS "✠100A1. Steam Trawler."

		FEET.
under	215.66	
Deck...		
nnage Dk.		
d 4th Dk.		
Upper Dk.		
	13.53	
House		
stle	7.28	
on Dk.	4.60	
f Hatchways		
wn of m ..		
age	241.07	
pace	23.71	
own of om ..		
Fees..	217.36	
Room	114.91	
on Spaces	8.43	
nnage eam ..	94.02	

Breadth (*greatest moulded*) 21.67

Depth, *at middle of length from top of keel to top of upper deck beams at side* 12.75

Transverse Number ..... ✓34.62

Length *on deck from fore part of stem to after part of stern post* ..... ✓119.00

Longitudinal Number ..... ✓4120

Depth "d," *at middle of length (See Secs. 2 & 13)* .... ✓11.41

Proportions—*Depths to Length—Upper Deck Beam at side to top of keel* 9.33

" " *Long Bridge Deck Beam at side to top of keel* ..... ✓

Master H. W. Elsica.

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 1913-14 Launched 15th November, 1913.

By whom built Cochrane & Sons, Ltd.

Owners H. L. Taylor.

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

Residence Grimsby

Port belonging to Grimsby.

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

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
on Deck ule	119	0	**BREADTH**— Moulded	21	10½	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams / Do. do. do. do. Second Dk. Beams	12	0	No. of Decks with flat laid One / No. of Tiers of Beams One

of Ship per Register, Length 119.0 breadth 22.0 depth 12.0. Moulded depth, ft. ✓ ins. To Bridge Dk. / Moulded depth, ft. 12 ins. 9 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 as Approved	Inches per Rule ved.
Angles, ~~or E or L Bars~~ amidships	✓					
peaks	4	3	·43	4	3	·43
way of Double Bottoms at Solid Floors...		✓				
" at intermdt. Bkts.		✓				
Frames from centre to centre amidships	/	20			20	
" " " from ¾ length to Collision bulkhead	10" and 20"				On plan.	
" " " in peaks.						
ED FRAME, Angles	✓ 2½	2½	·25	2½	2½	·25
way of Double Bottoms at Solid Floors...		✓				
" at intermdt. Bkts.		✓				
G, depth of girder	✓	4			4	
, depth and thickness of Floor Plate at mid-line for ¾ length amidships...	✓ 16		·37	16		·37
way of Engine and Boiler Spaces		✓	·43			·43
ckness at the ends of vessel		/	·37			·37
pth at ¾ the half breadth, as per Rule ...	Straight across					
ght extended at the Bilges	On plan.					
in Cell. Double Bottoms.....		✓				
state if flanged (top & bottom).....		✓				
Spacing of Solid floors		✓				
GIRDER, in Dbl. bottom, dpth. & thicknss.		✓				
" Angles, Top		✓				
" " Bottom.....		✓				
" " to Floors		✓				
Brackets at intermdt. frmg., wdth & thknss		✓				
RDERS, number on each side & thickness		✓				
" state if flanged (top and bottom)		✓				
" Angles (top and bottom)		✓				
" " to Floors.....		✓				
PLATE, depth (exclusive of flange) and thickness.....		✓				
" Angles to Outside Plating.....		✓				
" " Floors		✓				
Brackets at intermdt. frmg., wdth & thknss		✓				
Height of Outside Brackets above at bilge		✓				
BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		✓				
" in Engine and Boiler space		✓				
" Remainder in Holds.....		✓				
Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	✓ 5	3	·50	5	3	·50
In way of Long Bridge		✓				
Spacing	✓	40			40	
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
Spacing		✓				
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
Angles on upper edge		✓				
Spacing		✓				
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
Angles on upper edge		✓				
Spacing		✓				
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel.....		✓				
Angles on upper edge		✓				
Spacing		✓				
Forecastle Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~.....	✓ 5	3	·50	5	3	·50
Angles on upper edge		✓				
Spacing	/	40			40	

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	As arranged.		
" **Quarter 'tween Dks.,** " "	✓			
" " **in Hold** " "	✓			

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved	Inches per Rule ved.
CENTRE LINE KEELSON, Vertical Bulb Plate above floors, Through Plate, or Intercostal Plate	✓ 4½		·43	7½		·43
" Rider Plate.....		✓				
" Flat Plate Keel Angles		✓				
" Horizontal Plates on Floors		✓				
" Angles ~~or Bulb Angles~~	✓ 4	3	·43	4	3	·43
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	✓ 3	3	·37	3	3	·37
" Intercostal Plate for ..... length		✓				
" Attached to outside Plating with Angle ...		✓				
SIDE STRINGERS, Number	✓	One			One	
" " Angles.....	✓ 3	3	·37	3	3	·37
" 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 Machinery Space and Bunkers ..... lng.	✓		·35-·31			35-·31
" " Thickness (clear of Bridge)		✓				
" " " (in way of Bridge)		✓				
" Wood Deck. Material & thickness 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	✓	33	·31	33		·31
" Angle on ditto.....	✓ 3 × 3		·37	3 × 3		·37
" ~~Tie Plates~~ Deck plated over	✓		·31-·25			·31-·25
" 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.*

Form No. 1A.—1m,1,12T.

W807-0109½

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	✓ 7½ × 1⅝	7½ × 1⅝
STEM, moulding and thickness	✓ 7½ × 1⅝	7½ × 1⅝
STERN-POST for Rudder do. do. / ,, for Propeller	✓ 6 × 3	6 × 3
RUDDER—A×D* Table 22. Speed ~~Knots~~ Under 10	50.28	50.28
,, **Main-Piece,** diameter at head	✓ 4½	4½
,, ,, ,, at heel	3½ × 3	3 × 2¾

RUDDER, how constructed Forged steel frame
,, Thickness of Plates ~~or Single Plate~~ ·26 ✓
Can the Rudder be unshipped afloat? Yes.

BULKHEADS.	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	4	✓ ·26			3½ × 2½ × ·37	48 30	Single	DK
,, **COLLISION** ,,			✓ ·26			3½ × 2½ × ·37	48 24	Single	DK
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

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.

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. Cargo Fleet. Palmers.

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

PLATING. / RIVETING.

Edges: Seams. Ordinary or joggled? Ordinary

STRAKES.	As in Ship Amidship Breadth. Inches.	Amidship Thickness. Inches.	Forward Thickness. Inches.	Aft Thickness. Inches.	Per Rule Amidship Breadth. Inches.	Per Rule Amidship Thickness. Inches.	Edges Single or Double.	Breadth of Lap. Inches.	Edges Rivets Diam. Inches.	Edges Rivets Spacing cr. to cr. Inches.	Butts Double or Treble and for what Length.	Butts Rivets Diam. Inches.	Butts 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 Riveting.)	Bar Keel								1	5		✓	✓		✓		
GARBOARD OR A Strake	32	✓ ·50	✓ ·37	✓ ·37	32	·50			✓	✓	D full L	¾	2⅝	9¾	·62		
B ,,		✓ ·43	✓ ·37	✓ ·37		·43	Double	4½	¾	3⅓	" " "	"	"			5	Full
C ,,		✓ ·43	✓ ·37	✓ ·37		·43	"	"	"	"	" " "	"	"			"	"
D ,,		✓ ·43	✓ ·37	✓ ·37		·43	"	"	"	"	" " "	"	"			"	"
E ,,		✓ ·43	✓ ·37	✓ ·37		·43	"	"	"	"	" " "	"	"			"	"
F ,,		✓ ·43	✓ ·37	✓ ·37		·43	"	"	"	"	" " "	"	"		✓	"	"
Sheer G ,,	36	✓ ·50	✓ ·37	✓ ·37	36	·50	"	"	"	"	" " "	"	"	9¾	·62		
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			·37														

[Printed at the left edge: *State actual thickness in way of Double Bottom.* / *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.

Upper Deck Stringer Plate { **Butts,** D'ble 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** Double. riveted.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted **Keelson Butts,** Treble riveted.
Frames, riveted through Plates with ¾ 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.

	Material.	Total Length.	Diameter and Thickness: At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles: Number.	Size.	Riveting: Seams.	Butts.
LOWER MASTS Fore	P. Pine	38-6	14								
Main	✓										
Mizen	Steel	29-0	12								

Bowsprit ✓
Topmasts, ~~Yards~~ and Remainder of **Spars** Pitch Pine.
Rigging, Material and Size, **Shrouds** Galvd wire **Stays** Galvd wire.
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** 4120.

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. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
15624	1st Bower	✓ 6 3 24	Stockless	9 5 0 0	6 2 0	"Fellows"	Fellows Bro's	L.P.H.-C.H. 29-12-13. Paul
*	2nd ,,	The Owners state that the 2nd Anchor will be supplied at Grimsby.						
15626	3rd ,,	✓ 2 2 10	- 2 20	5 2 2 0	2 2 0	Ordinary.	Fellows Bros	L.P.H.-C.H. 29-12-13. Paul
	4th ,,	✓						
	Collective weight							
	Stream	✓						
	Kedge	✓						

* See Secretary letter 9-1-14.

CHAIN CABLES.

Number of Certificate.	Length supplied. Fathoms.	Diam. Ins.	Test Statutory. Tons.	Test Breaking. Tons.	Weight Supplied. Cwts. qrs. lbs.	Weight Per Rule. Cwts. qrs. lbs.	Per Table 31 Length. Fathoms.	Per Table 31 Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
14203	90	1	18	27	46-1-17	45-3-17	90	1	Stud Link	Fellows Bro's	L.P.H.-C.H. 20-12-13 S.C. Paul. Sup.
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.			

HAWSERS AND WARPS.

Material.	Length supplied. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Per Table 31 Length. Fathoms.	Cir. Ins.
TOWLINE 2 Lengths of Steel Wire, each	250	2¾	15½		
HAWSERS & WARPS Manilla	60	6		✓ 60	6
,, ,,	60	4½		✓ 60	4½
,, ,,					

Boats One **Steering Gear, Steam** ✓ **Steering Gear, Hand** Cochranes,
Pumps, Number Three Diameter of Barrel 6" State whether they are in efficient working order Yes
Windlass is by Cochrane & Sons. Ld (Hand & Messenger chain) **Capstan** ✓
Engine Room Skylights.—How constructed? of Teak What arrangements for deadlights in bad weather? Teak flaps & bullseyes.
Coal Bunker Openings.—How constructed? Plates and angles and Cast iron rings How are lids secured? Battened down and Screwed Height above deck? 12" and flush.
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side. 5 Scuppers. (1) Port 21"×10". (3) 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) 2'-6" × 2'-10" **No. 2 Hatch** 2'-0" × 2'-10" **No. 3 Hatch** 2'-10" × 2'-10" **No. 4 Hatch** No 5 ,, 2'-10" × 2'-10".
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch ✓
No. of Breasthooks Four **No. of Crutches** One & deep floors.
Bulwarks, height above deck and description 3'-8" × ·31, & ·37 in way of Gallows. Main Rail, material and size 6½" × 3" × ·40" Steel B.A.

The foregoing is a correct description. For COCHRANE & SONS LTD.
Builder's Signature (here only) A. Cochrane Jr
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.) 21-8-13. 9-1-14. (S) 14-9-13.

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 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, and pumping Arrangements, and a Report on Ships Forgings.

The second anchor supplied to this vessel did not comply with the Rule requirements, See Secretary letter 9-1-14. The Owner states that an anchor of correct weight and proportions will be supplied at Grimsby. The Grimsby Surveyors have been advised of the above.

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

		Fees applied for,
The amount of Entry Fee	£ 2 : 0 : 0	7-2-1914
Special Survey Fee	£ 10 : 17 : 0	Received by me,
Travelling Expenses, if any	£ - : 18 : 2	10/2/1914

Certificate to be sent to Hull *Date of issue* 8/3/14.

State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed ✠ 100 A1. "Steam Trawler." Allison B. Wilson.
With, or without Freeboard, as condition of Class Without. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Committee's Minute TUE. MAR. 10. 1914
Character assigned 100 A1 Stm Trawler + LMC 1.14
Lloyds R & C P

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

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft.. R.Q.D.66·16ft.. Bridge ✓ ft.. Forecastle 19-66ft.
(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 D.K.

Official No. 135992 ; 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, ✓		
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. 2028

Date 27-8-13.

No. 590 in builder's yard.

Dates of Surveys held while building: 1913:- Sept 10. 23. 26. 30 Oct 14. 16. 21. 27. 29. 31. Nov 4. 10. 14. 19. 21. 25. 28 Dec 4. Dec 11. 15. 18. 23. 29 1914:- Jan 2. 3. 22. 28

Total No. of Visits 28

Surveyor's Signature Allison B. Wilson.