~~With or Without~~

~~Disconnected Erections.~~

RETAIN

STEEL STEAMER.

Received at London Office MON NOV. 10. 1913

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

Date of completion of report 1-11-13. Port of Hull. No. 26889

Survey held at Goole & Hull. Date, First Survey Mar 17th Last Survey Oct. 17th 1913

On the (State if Single, Twin, or Triple Screw) S.S. TRAWLER "KILLDEER". Rig Ketch.

TONNAGE under Tonnage Deck	189.48
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	
Do. of Bridge House	
Do. of Forecastle	
Do. of Houses on Dk.	2.78
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	192.26
Less Crew Space	18.31
Less above Crown of Engine Room	
Tonnage for Fees	173.95
Less Engine Room	85.54
Less Navigation Spaces	15.29
Register Tonnage as cut on Beam	73.12

CLASS 100A1

	Feet.
Breadth (greatest moulded)	21.5
Depth, at middle of length from top of keel to top of upper deck beams at side	12.92
Transverse Number	34.42
Length on deck from fore part of stem to after part of stern post	110
Longitudinal Number	3786.2
Depth "d," at middle of length (See Secs. 2 & 13)	11.58
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	8.5
" " 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 Goole.

When built 1913 Launched 4/9/13.

By whom built Goole S.B. & R. Co. Ltd.

Owners Kelsall Bros & Beechings Ltd.

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

Residence

Port belonging to Hull.

Destined Voyage Fishing

~~Surveyed while Building~~ and Afloat, ~~or in Dry Dock~~

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	110	0	BREADTH—Moulded	21	6	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	12	0½	No. of Decks with flat laid: One
						Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams: One

Dimensions of Ship per Register, Length 110.0 breadth 21.65 depth 12.05

Moulded depth, ft. ✓ ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 5½ ins.

Moulded depth, ft. 12 ins. 11. To Upper Dk.

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~~	✓ 4½	3	8/20	4½	3	8/20
Do. in peaks	✓ 4½	3	8/20	4½	3	8/20
Do. in way of Double Bottoms at Solid Floors	✓					
" " at intermdt. Bkts.	✓	✓				
Spacing of Frames from centre to centre amidships	Throughout 21.				21	
" " " " from ¾ length to Collision bulkhead						
" " " " in peaks						
REVERSED FRAME, Angles	flanged floors					
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
FRAMING, depth of girder	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships	✓	16	6/20		16	6/20
" in way of Engine and Boiler Spaces	✓	8/20	& 10/20		8/20	& 10/20
" thickness at the ends of vessel	✓		6/20			6/20
" depth at ¾ the half breadth, as per Rule						
" height extended at the Bilges	60% floors horizontal.					
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						
" Angles to Outside Plating						
" " Floors						
Brackets at intermdt. frmg., wdth & thknss						
Height of Outside Brackets above at bilge						
OUTER 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~~	✓ 5½	3	8/20	5½	3	8/20
In way of Long Bridge	✓					
Spacing	✓ 42.			42.		
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						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						

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	✓ 2½"	& as arranged.		
" " Hold " "				
" Quarter 'tween Dks., " "				
" " 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~~	✓ 8½	×	8/20	8½	×	8/20
" Rider Plate	✓					
" Flat Plate Keel Angles	✓					
" Horizontal Plates on Floors	✓					
" Angles or Bulb Angles	4	3	10/20	4	3	10/20
SIDE KEELSONS, Number One	✓					
" Angles ~~or Bulb Angles~~ One	5	4	8/20	5	4	8/20
" Plate above floors, for length	✓					
" Intercostal Plate, for length	✓					
" Attached to outside Plating with Angle	✓					
BILGE KEELSON, Angles One	5	4	10/20	5	4	10/20
" Intercostal Plate for length	✓					
" Attached to outside Plating with Angle	✓					
SIDE STRINGERS, Number						
" " Angle						
" Intercostal Plate, for length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	✓ 23		6/20	23		6/20
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle (~~clear of Bridge~~)	✓ 3	× 3	6/20	3	× 3	6/20
" " Tie Plate at sides of Hatchways	✓ 8½	×	6/20	8½	×	6/20
" Deck.* Iron or Steel, for lng.	✓					
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thickness	Pine		3"	Pine		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'knss						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						

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

Form No. 1A.—1m,1,12.T.

W1441-0054½

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	one			
,, ,, ,, brdth. & thickness		18 x 7/20		18 x 7/20
,, 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 (all plate)	7½ x 1⅛	7½ x 1⅛
STEM, moulding and thickness ..... "	7½ x 1⅛	7½ x 1⅛
STERN-POST for Rudder do. do.	6 x 2½	6 x 2½
,, for Propeller	6 x 2½	6 x 2½
RUDDER—A×D* Table 22. Speed 10 to 12 knots	a × d = 5·7.	
,, **Main-Piece,** diameter at head	4¼	4¼
,, ,, ,, at heel	2¾ x 2½	2¾ x 2½

RUDDER, how constructed Scrap Steel Forged.

,, 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. Palmers S & I Co.

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

BULKHEADS. STIFFENERS.

	Number. Vessel	Number. Per Rule	Thickness.	Horizontal. Size. Inches.	Horizontal. Spacing. Inches.	Vertical. Size. Inches.	Vertical. Spacing. Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	3	3	6/20 - 5/20	3 x 2¾ x 5/20					Dkd.
				"		Welded	48		
				"		"	30		
	✓	at collision bhd.		"		"	24		
,, **COLLISION** ,,									
,, **PARTITION** ,,									
,, **LONGITUDINAL** ,,									

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

Are the Sluice Valves and Watertight Doors in efficient working order? 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.	Per Rule or as Approved. Amidship. Thickness. Inches.
Flat Plate Keel (If Bar Keel, state Riveting.)						
Garboard or A Strake	41	7/16	7/16	7/16	41	7/16
B ,,		6/16	5/16	5/16		6/16
C ,,		6/16	5/16	5/16		6/16
D ,,		7/16	6/16	6/16		7/16
E ,,		7/16	6/16	6/16		7/16
F ,,	39	9/16	8/16	8/16	39	9/16
G ,,						
H ,,						
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
Thickness of Sheerstrake clear of Long Bridge						
Do. of Strake below						
Dblg. of Flat Plate Keel						
,, Sheerstrakes (Length and thickness.)						
Poop Sides						
Short Bridge Sides						
Forecastle Sides						

Writ "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. Edges, ~~Ordinary or Joggled?~~ 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.
	✓	1	5"	Riveting	Carboard plate	Wheel.				
Dbl.	4½	3/4	3	Dbl.	3/4	2 5/8	9¾	8/16	5"	full
"	"	"	"	"	"	"	"		"	"
"	"	"	"	"	"	"	✓		"	"
"	"	"	"	"	"	"			"	"
"	"	"	"	"	"	"	9¾	10/16		

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** double 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 floors flared. 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	fol mast									
Mizen	clad	"	"								
Bowsprit											

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

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

Sails. Good. Suit of One - Four & Aft - Sails, and the following spare sails ✓

Form No. 1A.

EQUIPMENT No. LETTER . ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS 3786.

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.
14206	1st Bower	5	0	4	1	1	6	7	7	2	0	5	0	0	Rodgers	Manufd Phillips & Co.	Castle Heath 29/5/13 Schaul.
14207	2nd ,,	4	2	4	1	0	20	6	17	2	0	4	2	0	"	"	" 30/5/13 "
14208	3rd ,,	2	2	0	0	2	24	5	0	0	0	2	2	0	"	"	" 29/5/13 "
	4th ,,																
	Collective weight	12	0	8								12	0	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. If Stockless, state Mechanical Test.

CHAIN CABLES. HAWSERS AND WARPS.

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.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
13078	90	1	18	27	46-1-9	45-3-17	90	1	Studless	Manufd Phillips & Co.	Castle Heath 29/5/13 Schaul.
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	5½	Manilla	60	5½
" "	60	4	"	60	4
" "					

Boats Dbl. **Steering Gear, Steam** ✓ **Steering Gear, Hand** tiller.

Pumps, Number 3 Diameter of Barrel 6 x 4½ State whether they are in efficient working order

Windlass is Grummell & Sons hand & messenger **Capstan** ✓

Engine Room Skylights.—How constructed? Sash. What arrangements for deadlights in bad weather? leak flapper bull's eye.

Coal Bunker Openings.—How constructed? C. J. Davies How are lids secured? Locker Height above deck? flush

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 4 scuppers & 2 freeing ports 24 x 12" each side

Ceiling in Holds, thickness and material ✓ **Cargo Battens,** thickness and material ✓

Cargo Hatchways.—How formed? Sheet plate & tiffe. **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 4 **No. of Crutches** 1 + daffloors

Bulwarks, height above deck and description 32 x 5/16 Main Rail, material and size Bll 7 x 3 x 7/20.

The foregoing is a correct description.

Builder's Signature (here only) H. H. Clagg

Surveyor's Signature B Claus

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 5/2/12 28/2/13

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.) This vessel has been constructed in accordance with the approved plans herewith enclosed. The Auxiliary, letters & otherwise in accordance with the Rules, and the Materials & workmanship throughout are good. Kindly return the approved plans for dealing with the Sister Vessel — the same builders 20 lbs.

The Surveyor should state the Number of Report and Name of any Sister Vessel. "WARBLER" Hull Rpt-H025-516

The amount of Entry Fee ..... £ 1 : 0 : 0 — Fees applied for, 8/11/1913

Special Survey Fee ..... £ 8 : 14 : 0. — Received by me, 19.

Travelling Expenses, if any £ 1 : 18 : 3. — 19.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed 100 A1 Steam Trawler

With or without Freeboard, as condition of Class without

Certificate to be sent to Hull Date of issue 14/11/13

B Claus

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

Committee's Minute FRI. NOV. 1 1913

Character assigned 100 A1 Stm Trawler

Lloyds A & C P. + LMC 1013

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. ✓ ft., Bridge — ft., Forecastle — ft. (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 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 Cement & 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,	21.	30.
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. 2007

Date 5/3/13.

No. 159 in builder's yard.

Dates of Surveys held while building: 1913:- Mar 17. 28. 31. Apr 2. 16. 23. May 8. 19. 21. 26. 28. Jun 2. 3. 11. 19. 23. 25. Jun 30. July 2. 7. 10. 14. 17. 21. 24. 31. Aug 5. 22. 28. 29. Sep 1. 2. 3. 5. 11. 12. 19. 2[illegible] Sep 24. 26. Oct 14. 16. 17

Total No. of Visits 43.

Surveyor's Signature P. B. Laws.