With or Without Disconnected Erections.

STEEL STEAMER.

TUE. AUG. 11. 1914

Received at London Office .....

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

Date of completion of report 5 - 8 - 14 Port of Hull No. 27811

Survey held at Goole Date, First Survey Feb. 9th Last Survey July 31st 1914

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

TONNAGE under Tonnage Deck	188.62
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	191.40
Less Crew Space	18.12
Less above Crown of Engine Room	
Tonnage for Fees	173.28
Less Engine Room	85.24
Less Navigation Spaces	15.45
Register Tonnage as cut on Beam	72.59

CLASS 100A.1

	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	378
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	8.51
" " 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 1914. Launched 27th June 1914.

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

Owners Messrs Kelsall Bros & Beeching Ltd.

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

Residence .....

Port belonging to Hull.

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams / do. do. Second Dk. Beams	Feet.	Inches.	No. of Decks with flat laid / No. of Tiers of Beams
	110	0		21	6		12	1	One / One

Dimensions of Ship per Register, Length 110.1 breadth 21.65 depth 12.05.

Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 12 ins. 11 To Upper Dk. Round of Upper Dk. Beam, Actual 6 ins.

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~~ Throughout	4½	3	8/20	4½	3	8/20
Do. in peaks	✓					
Do. in way of Double Bottoms at Solid Floors	✓					
" " at intermdt. Bkts.	✓					
Spacing of Frames from centre to centre amidships		21	✓		21	
" " " " from ¾ length to Collision bulkhead	Throughout.					
" " " " in peaks	✓					
REVERSED FRAME, Angles on floors	2½	2½	.30	2½	2½	.30
Do. in way of Double Bottoms at Solid Floors	Double in Machinery Space					
" " at intermdt. Bkts.	✓					
FRAMING, depth of girder	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships		16	.30		16	.30
" in way of Engine and Boiler Spaces		.50	8/.40		.50	8/.40
" thickness at the ends of vessel			.30			.30
" depth at ¾ the half breadth, as per Rule	60% of floor thickness					
" height extended at the Bilges						
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						
" Angle 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	.40	5½	3	.40
" 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				
" " 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 Approved	Inches per Rule Approved
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~ Bulb		8½	.40		8½	.40
" Rider Plate	✓					
" Flat Plate Keel Angles	✓					
" Horizontal Plates on Floors	✓					
" Angles ~~or Bulb Angles~~ two	4	3	.50	4	3	.50
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	.50	5	4	.50
" Intercostal Plate for ..... length	✓					
" Attached to outside Plating with Angle	✓					
SIDE STRINGERS, Number One						
" " Angle one	5	4	.40	5	4	.40
" Intercostal Plate, for ..... length	✓					
" Attached to outside plating with Angle	✓					
Upper Deck Stringer Plate, br'dth & thickness ~~(clear of Bridge)~~		23	.30		23	.30
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle ~~(clear of Bridge)~~	3 × 3		.30	3 × 3		.30
" " Tie Plate at sides of Hatchways		8½	.30		8½	.30
" Deck.* Iron or Steel, for ..... lng.	✓					
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thickness Pine		5 × 3	✓		5 × 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						
" 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,1,13. T.

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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 × 1½ ✓	7½ × 1½
STEM, moulding and thickness ...."	7½ × 1⅛ ✓	7½ × 1½
STERN-POST for Rudder do. do.	6 × 2½ ✓	6 × 2½
" for Propeller	6 × 2½ ✓	6 × 2½
RUDDER—A×D* Table 22. Speed 10 Knots under	63.8	
" **Main-Piece,** diameter at head	4¼ ✓	4
" " " at heel	3 × 2¾/4	2¾/4 × 2¼

RUDDER, how constructed Forged Scrap Iron.

" Thickness of Plates or Single Plate .36 ✓

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.? Siemen Martin Open Hearth.

Cowell & Co, South Durham S & Co.
Palmers S & Co

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

BULKHEADS. STIFFENERS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS									
			✓						
	no 3	6-5/20	3×2½×5/20	4.8	3×2½×5/20	30	Single	Dk	
	2	"	"	"	"	"	"	"	
" COLLISION "	1	"	"	"	"	24 ✓	"	"	
" PARTITION "									
" LONGITUDINAL "									

Are the outside Plates doubled two spaces of Frames in length? Approved Lines.

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

PLATING.

STRAKES.		As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.
Flat Plate Keel (If Bar Keel, state Riveting.)							
Garboard or A Strake		44	7/16 ✓	7/16	7/16	44	7/16
State actual thickness in way of Double Bottom.	B		6/16 ✓	5/16	5/16		6/16
	C		"	"	"		"
	D		7/16 ✓	6/16	6/16		7/16
	E		" ✓	"	"		"
Sheer	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						
Th'kness of Sh'strke clear of Long Bridge							
Do. of Strake below							
Dblg. of Flat Plate Keel							
" Sheerstrakes (Length and thickness.)							
Poop Sides							
Short Bridge Sides							
Forecastle Sides							

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.

Edges. Ordinary or joggled? 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 of garboard to keel bars.						
	Double	4½	3/4	3 1/8	Double	3/4	2⅝ ✓			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 Bilge to Bilge 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	O.P. Pole mast.										
Mizen	Steel	"									

Bowsprit ✓

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

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

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

Form No. 1B.

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EQUIPMENT No. LETTER . 3 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.
17091.	1st Bower	5	0	6	1	1	14	7	7	2	0	5	0	0 ✓	Rodgers	Brownsford & Phillips, R.C.	Cardiff, 26/6/14, Schofield.
17092	2nd "	4	2	4	1	0	24	6	17	2	0	4	2	0 ✓	"	"	" " "
17093	3rd "	2	2	0	0	3	0	5	0	0	0	2	2	0 ✓	"	"	" " "
	4th "																
	Collective weight	12	0	10								12	0	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. (U Stockless, state Manufacturer, etc.)

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Satisfactory. 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.
15044.	90	1	18 ✓	27 ✓	46-3-7	45-3-17	90	1.	Stud link.	Brownsford Phillips, R.C.	Cardiff 29/6/14. Schofield.
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 31. Length. Fathoms	Cir. Ins.
Towline					
Hawsers & Warps	60	5½ ✓	Manilla	60	5½
" "	60	4 ✓	"	60	4.
" "					

Boats one - food. **Steering Gear, Steam** ✓ **Steering Gear, Hand** tiller

Pumps, Number 3 Diameter of Barrel 2 04, 1 06 State whether they are in efficient working order Yes.

Windlass is Gammell & Brown's (hand) **Capstan** ✓

Engine Room Skylights.—How constructed? Teak. What arrangements for deadlights in bad weather? Teak flaps & bull's eyes.

Coal Bunker Openings.—How constructed? C. I. discs How are lids secured? locked Height above deck? flush.

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

Ceiling in Holds, thickness and material 2 P. Pine **Cargo Battens,** thickness and material ✓

Cargo Hatchways.—How formed? Scuttles **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 3. **No. of Crutches** 2 + deep floors.

Bulwarks, height above deck and description 33. × 5/4. Steel. Main Rail, material and size 6 7×3×.35

The foregoing is a correct statement. For THE COOL SHIPBUILDING & REPAIRING CO., LTD., Managing Director. *Surveyor's Signature* B. Clews.

Builder's Signature (here or in) *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 10/2/14,

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, & joggled plates. 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? Yes.

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)? Yes State results of tests Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory.

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans herewith enclosed, the Secretary's letter, & generally in conformity with the Society's Rules & the materials & workmanship throughout are good. Kindly return the plans for dealing with the sister vessels 2008, 171, 172.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee ..... £ 1 : 0 : 0. Fees applied for, 10 - 8 - 1914

Special Survey Fee.... £ 8 : 13 : 0. Received by me, 1/9/14

Travelling Expenses, if any £ – : 12 : 3

Certificate to be sent to Hull Date of issue 3/9/14.

State whether the Vessel has been built under Special Survey Yes

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

With, or without Freeboard, as condition of Class without

B. Clews.
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. AUG. 14. 1914

Character assigned 100 A1. Steam Trawler

Lloyd's A & L. P. + L.M.C. 7/14

0071 2/2

27811

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 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 Paint & Cement. 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. 2054

Date 25/2/14

No. 165. in builder's yard.

Dates of Surveys held while building: 1914:- Feb 9. 12. 23. Mar 3. 18. 20. 24. 27. 30. 31 Apr 6. 15. 23. 28 May 6. 11. 12. 15. 18. 20. 26. Jun 4. 10. 19. 22. 29 July 7. 13. 31.

Total No. of Visits 30

Surveyor's Signature B Laws.