With or Without Disconnected Erections.

STEEL STEAMER.

THU. OCT. 2 – 1913

Received at London Office .....

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

Date of completion of report Sep 23rd '13. Port of Hull No. 26761

Survey held at Beverley & Hull. Date, First Survey Mar 3rd Last Survey Sep. 20th 1913

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

TONNAGE under Tonnage Deck	265·26
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk. Break	15·77
Do. of Bridge House (Chart.)	5·62
Do. of Forecastle	8·68
Do. of Houses on Dk.	·76
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	296·09
Less Crew Space	25·44
Less above Crown of Engine Room	
TONNAGE FOR FEES	270·65
Less Engine Room	137·85
Less Navigation Spaces	10·72
Register Tonnage less cut on Beam	122·08

CLASS	FEET.
Breadth (greatest moulded)	22·87
Depth, at middle of length from top of keel to top of upper deck beams at side	13·08
Transverse Number	35·95
Length on deck from fore part of stem to after part of stern post	130
Longitudinal Number	4673·5
Depth "d," at middle of length (See Secs. 2 & 13)	11·75
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	9·94
" " 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 Beverley

When built 1913 Launched 19th July 1913

By whom built Cook Welton & Gemmell Ltd

Owners Great Grimsby & East Coast Clean Fishing Co Ltd

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

Residence Grimsby

Port belonging to Grimsby

Destined Voyage Fishing

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

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	130	0	BREADTH—Moulded	22	10½	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams / Do. do. do. do. Second Dk. Beams	12	3	No. of Decks with flat laid: One / No. of Tiers of Beams: One.

Dimensions of Ship per Register, Length 130·2 breadth 23 depth 12·2

Moulded depth, ft. 1 ins. 13 To Bridge Dk. / Moulded depth, ft. ins. 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 E or L Bars~~ amidships	4	3	9/20	4	3	9/20
Do. in peaks	4	3	9/20	4	3	9/20
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships		20			20	
" " " " from ¾ length to Collision bulkhead		18" 3rd as per Brifel				
" " " " in peaks						
REVERSED FRAME, Angles ~~on floors~~	3	3	3/8	3	3	3/8
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	6/16		16	6/16
" in way of Engine and Boiler Spaces			7/16			7/16
" thickness at the ends of vessel			6/16			6/16
" depth at ¾ the half breadth, as per Rule	60	of floors being metal				
" 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						
FLAT 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~~	6	3	9/20	6	3	9/20
" In way of Long Bridge						
" Spacing		40 & 36			40 & 36	
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 managed?		
" 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	½		8½	½
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles ~~or Bulb Angles~~	5	3	½	5	3	½
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	8/20	5	4	8/20
" Intercostal Plate for ..... length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number one						
" " Angle one	5	4	8/20	5	4	8/20
" Intercostal Plate, for ..... length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	26		3/8	26		3/8
" " " " br'dth & thickness (in way of Bridge)	3 x 3		3/8	3 x 3		3/8
" " " Angle (~~clear of Bridge~~)						
" " Tie Plate at sides of Hatchways	7		3/8	7		3/8
" Deck.* Iron or Steel, for ..... lng.						
" " Thickness (clear of Bridge)						
" " " (in way of Bridge)						
" Wood Deck. Material & thickness	Pine	5 x 3		Pine	5 x 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.

THU. OCT. 2 - 1913

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	8×2	8×2.
STEM, moulding and thickness	8×2	8×2.
STERN-POST for Rudder do. do.	6¼×3	6¼×3
" for Propeller See Letter 7/1/13	6¼×3	6¼×3
RUDDER—A×D* Table 22. Speed 10½ knots	A×D = 56·4	
" **Main-Piece,** diameter at head	4½	4½
" " " at heel	3¼×3	3¼×3

BULKHEADS. Angle 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	4								
	Norf		·28	3 long	bracket	3×2½×5/16	30	Single	Dbl.
	" 3		·28	3×2½×5/16	48	do	30	"	"
	" 2		·28	do	48	do	30	"	"
" COLLISION "	" 1		·28	do	48	do	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? ✓

RUDDER, how constructed Forged Scarf Iron.

" Thickness of Plates or Single Plate ·28

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 Openhearth.

Cont Durham S & I Co. Consett I Co. Ld.

Has the Steel been tested as required by the Rules? 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.)		39	½	½	½	39	½
Garboard or Strake	A		6/16	6/16	7/16		6/16
State actual thickness in way of Double Bottom.	B		7/16	6/16	6/16		7/16
	C		6/16	6/16	6/16		6/16
	D		7/16	6/16	6/16		7/16
	E		6/16	7/16	7/16		6/16
Steer	F	40	10/16	7/16	7/16	40	10/16
	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							

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~~ †— ~~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.
Flat Plate Keel			1	5	Quintuple	7/8	7	Double	Treble	Keel	
Garboard or Strake A		4½	3/4	3 1/3	Double	3/4	2 5/8	9 3/4	1/2		full
B		"	"	"	Treble	"	"			7/2	"
C		"	"	"	"	"	"			"	"
D		"	"	"	"	"	"			"	"
E		"	"	"	"	"	"			"	"
F		"	"	"	"	"	"			"	"
G		"	"	"	Double	"	"	9 3/4	11/16	"	"
H											
J											
K											
L											
M											
N											
O											
P											
Q											
R											
S											
T											
U											
V											
W											

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 where necessary. 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.P.	Pole Mast									
Mizen	Steel	"	"								

Bowsprit ✓

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

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

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

Form No. 13.

EQUIPMENT No. LETTER . ANCHORS. 3 ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 4673.5

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.
69601	1st Bower	7	1	5	Stockless			9	11	2	7	7	1	0	Green's patent	J. Green	Netherton 25/6/13 J. Green
69278	2nd "	5	1	13	Jan. 1	1	11	7	14	0	7	5	1	0	Rodgers	J. Green	" 29/4/13 "
69281	3rd "	2	3	24	Jan. 0	3	1	5	10	0	0	3	0	0	Rodgers	J. Green	" 29/4/13 "
	4th "																
	Collective weight	15	2	14								15	2	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. (Sd.) J. Green. W. Stockdale, Mechanical Engineer.

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.	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.
54412	105	1 1/16	20 3/10	30 4/10	61-2-4	60-2-18	105	1 1/16	Studless	J. Green	Netherton 21/8/13 W. A. Brysdale (and Superintendent)
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	6	Manilla	60	6
" "	60	5"	"	60	5"
" "					

Boats One Pond **Steering Gear, Steam** ✓ **Steering Gear, Hand** tiller

Pumps, Number 5 Diameter of Barrel 3 @ 6" 2 @ 4" State whether they are in efficient working order Yes.

Windlass is Brunell & Sons Steam & messenger. **Capstan** ✓

Engine Room Skylights.—How constructed? Steel. What arrangements for deadlights in bad weather? Slat flap

Coal Bunker Openings.—How constructed? Cast-Iron doors How are lids secured? Locks Height above deck? flush

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 5 Scuppers & 4 freeing Ports 18×9 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? ✓

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.

Bulwarks, height above deck and description 4 2 × 5/16 Steel. Main Rail, material and size ⊏ 6½ × 3 × 7/16

The foregoing is a correct description.

Builder's Signature (here only) For BOOK, WELTON & GEMMELL, LTD. W. Gemmell Director. *Surveyor's Signature* B. C. Lawes. *Surveyor to ~~Lloyd's Register~~ of British and Foreign Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*References should be made in any correspondence connected with the case*)

M 4-10-12 7-10-12. E 25-1-13.

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? None

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 Secretary's letter of generally in conformity with the Society's Rules and the Materials & Workmanship throughout are good. The Drafting Plan as approved also for Sam builders No 1 Yard-6 and 271 was forwarded with the 1st Entry Report on the "Thuringia" Hull Rpt. No 28349 and Sam builders No 144.

Please return the Plans of Stern frame & Rudder; and of Drafting arrangement for dealing with the Sister vessel 271.

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. Hull Rpt. No 28349 Thuringia

The amount of Entry Fee ..... £ 2 : 0 : 0. Fees applied for, 27. 9. 1913

Special Survey Fee ..... £ 13 : 11 : 0. Received by me, 11/10/1913

Travelling Expenses, if any £ 4 : 7.

State whether the Vessel has been built under Special Survey Yes.

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

With, or without Freeboard, as condition of Class without

Certificate to be sent to Hull **Date of issue** 13/10/13

B. C. Lawes. *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. OCT. 3 - 1913

Character assigned 100A1 Stm Trawler

Lloyds a & b. P. + L.M.b. 9.13

Unlined Steel.

W.

0146 2/2

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 71·0 ft., Bridge ✓ ft., Forecastle 20·0 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,		
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

Order for Special Survey No. 1979

Date 14/10/12

No. 269A in builder's yard.

Dates of Surveys held while building: 1912.—Mar 3.8.13.26. Apr 3.18.24.29. May 15.26 Jun 12.19.26. Jul 1.3.8.15.17 Jul 23.30 Aug 16.19.26.29 Sep 20.

Total No. of Visits 25

Surveyor's Signature B. Clews