With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT 28 APR 1917

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

Date of completion of report 27-4-17 Port of Hull No. 29920

Survey held at Beverley & Hull Date, First Survey 31-8-16 Last Survey 19-4-1917

On the (State if Single, ~~Twin, or Triple~~ Screw) STEAM TRAWLER "WAR GREY" Rig Ketch

TONNAGE under Tonnage Deck	225.38
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk. BREAK	6.85
Do. of Bridge House CHART	3.04
Do. of Forecastle	
Do. of Houses on Dk.	.93
Do. of excess of Hatchways	
Do. above Crown of Engine Room	10.19
Gross Tonnage	246.39
Less Crew Space	25.36
s above Crown of Engine Room	10.19
NNAGE FOR FEES	210.84
s Engine Room	118.24
s Navigation Spaces	6.04
gister Tonnage	96.75
s cut on Beam	

CLASS +100A1

	FEET.
Breadth (*greatest moulded*)	21.83
Depth, *at middle of length from top of keel to top of upper deck beams at side*	13.58
Transverse Number	35.41
Length *on deck from fore part of stem to after part of stern post*	117.0
Longitudinal Number	4143
Depth "d," *at middle of length* (*See Secs. 2 & 13*)	12.25
Proportions—*Depths to Length*—*Upper Deck Beam at side to top of keel*	8.6
" " *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 1917 Launched 28/12/16

By whom built Cook Welton & Gemmell Ltd

Owners Alec L Black, See O.R.

Managers

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

Residence Grimsby

Port belonging to Grimsby

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

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	117	0	**BREADTH**—Moulded	21	10	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams			Second Dk. Beams	12	9	No. of Decks with flat laid: ONE; No. of Tiers of Beams: ONE
						Do. do. do. do.						

Dimensions of Ship per Register, Length 117.4 breadth 22.0 depth 12.75 Moulded depth, ft. ins. To Bridge Dk. Moulded depth, ft. 13 ins. 7 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 as Approved.	Inches per Rule.
FRAME, Angles, ~~or E or C Bars~~ amidships	4	3	8/20	4	3	8/20
Do. in peaks	4	3	8/20	4	3	8/20
Do. in way of Double Bottoms at Solid Floors		~				
" " at intermdt. Bkts.		~				
Spacing of Frames from centre to centre amidships	18	TO	21	18	TO	21
" " " " from ¾ length to Collision bulkhead	SEE	PROFILE				
" " " " in peaks						
REVERSED FRAME, Angles	ON FLOORS					
Do. in way of Double Bottoms at Solid Floors	3	3	3/8	3	3	3/8
" " at intermdt. Bkts.	WHERE	NO	CONCRETE			
FRAMING, depth of girder	4"					
FLOORS, depth and thickness of Floor Plate at mid-line for ½ 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	TOP OF FLOORS					
" height extended at the Bilges	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						
" " Angle to Outside Plating						
" " " Floors						
" Brackets at intermdt. frmg., wdth & thknss						
" Height of Outside Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**						
" " " in Engine and Boiler space						
" " " Remainder in Holds			10/16			10/16
BEAMS, Upper Deck, Single Angle, ~~Bulb~~ Angle, Plate, Tee Bulb, or Channel	5	3		5	3	
" In way of Long Bridge		~				
" Spacing	36	TO	42	36	TO	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** " "	3	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
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or~~ Intercostal Plate	6½	×	6/16 5/16	6½	×	6/16 5/16
" ~~Rider Plate~~						
" Flat Plate Keel Angles		~				
" Horizontal Plates on Floors		~				
" Angles ~~or Bulb Angles~~ DOUBLE	4	4	½	4	4	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	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)	24	×	6/16	24	×	6/16
" " " " br'dth & thickness (in way of Bridge)		~				
" " " Angle (~~clear of Bridge~~)	3 × 3	×	3/8	3 × 3		3/8
" " " Tie Plate at sides of Hatchways	8	×	3/8	8	×	3/8
" Deck.* ~~Iron or~~ Steel, for WAY OF lng.	6 × 8	ONE	PLANK			5/16
" " Thickness (clear of Bridge)						
" " " (in way of Bridge)						
" Wood Deck. Material & thickness	5 × 3 R.P.		MAIN DK			
Second Deck Stringer Plate, br'dth & thickness	5 × 3½ P		R. OR DR			
" 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	WHALEBACK		6/20			
" Angle on ditto STIFF'D	3½ × 3	×	3/8	3½ × 3		3/8
" Tie Plates	SEE	PROFILE				
" 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,9,15. T.

005325-005336-0199

SAT. 28. APR. 1917

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Ap	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 ... Bulbs	7½ × 1 5/8	7½ × 1 5/8
STEM, moulding and thickness	7½ × 1 5/8	7½ × 1 5/8
STERN-POST for Rudder do. do.	7½ × 2 3/8	7½ × 2 3/8
,, for Propeller	7½ × 2 3/8	7½ × 2 3/8
RUDDER—A×D² Table 22. Speed 10/12 Knots		46.3
,, **Main-Piece,** diameter at head	4½	4½
,, ,, ,, at heel	3 × 2 3/4	3 × 2 3/4

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Stiffeners. Horizontal. Spacing. Inches.	Stiffeners. Vertical. Size. Inches.	Stiffeners. Vertical. Spacing. Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	4		5-6	SINGLE VERT					
	4	4	5/16	4 × 3 × .30		24	5	SINGLE	D.K.
	3	3	5/16	5½ × 3 × .36					
,, **COLLISION** ,,	2								
PARTITION ,,	1								
LONGITUDINAL ,,									

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

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

RUDDER, how constructed Forged Scrap iron

,, 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. Siemen Martin, Open Hearth
Consett Iron Co.
South Durham Steel & Iron Co.

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

PLATING.

STRAKES.	AS IN SHIP. AMIDSHIP. Breadth. Inches.	AS IN SHIP. 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 ..... (*D Bar Keel, state Rivetting.*)		16TH	16TH	16TH		16TH
GARBOARD or A Strake	32	8	8	8	32	8
State actual thickness in way of Double Bottom. B ,,		6	6	6		6
C ,,		6	6	6		6
D ,,		8	6	6		8
E ,,		8	6	6		8
F ,,		8	6	6		8
SHEER G ,,	42	9	7	7	42	9
H ,,						
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE	5/16					
DO. OF STRAKE BELOW	5/16					
DBLG. of Flat Plate Keel	5/16					
,, Sheerstrakes *Length and thickness.*	5/16					
POOP SIDES						
SHORT BRIDGE SIDES ...						
FORECASTLE SIDES						

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

With "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

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.
ORDINARY	DOUBLE	4½	3/4	5	THRO GARB & KEEL						
	DOUBLE	3/3	3/4	2 5/8	DOUBLE	3/4	2 5/8	9	16TH		
									9		
									7		
									7		
									9		
									9		
									10		

Upper Deck Stringer Plate — **Butts,** ~~double~~ 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,** — riveted.
Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart.
Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from Keel to Gunwale
REVERSED FRAMES on floors and frames extend from Bilge to bilge State if ordinary or joggled ordinary
Double in E & B. space where no counter
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										
Main	Steel Pole										
Mizen											
Bowsprit —											
Topmasts, Yards and Remainder of **Spares**	P. Pine										

Rigging, Material and Size, **Shrouds** Galv. wire **Stays** Galv. 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 4143

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.
22366	1st Bower	7	0	14	STOCKLESS			9	7	0	21	6	2	0	Lloyd's Forged	Jones	Lloyds CH 23/5/16 Paul
22365	2nd ,,	7	0	6	-	-	-	9	5	0	0	6	0	0	"	Lloyds	" " "
22263	3rd ,,	2	2	24	-	2	24	5	5	0	0	2	2	0	Rodgers	"	" 12/5/16 "
	4th ,,																
	Collective weight.	16	3	16								15	0	0			
	Stream																
	Kedge																

If Patent state Name of Patentee. *If Stockless, state Mechanical Tests.*

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower
2nd ,,
3rd ,,
4th ,,

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.
20790	90	1	18	27	47.2.8	43.3.17	90	1	STUD LINK	Jones & Sons	Lloyds CH 27/5/16
Iron Stream Chain or Steel Wire		Cir.						Cir.			L. C. Paul

HAWSERS AND WARPS.

Material	Length and Size supplied. Length. Fathoms.	Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins.
TOWLINE					
HAWSERS & WARPS	60	6		60	6
,, ,,	60	4½		60	4½
,, ,,					

Boats one (Wood)
Pumps, Number Four 28 6 + 2 8 Diameter of Barrel 6 × 8" State whether they are in efficient working order Yes.
Windlass is Gemmell & Sons Steam **Capstan** —
Engine Room Skylights.—How constructed? Steel What arrangements for deadlights in bad weather? Steel flaps & Bullseyes
Coal Bunker Openings.—How constructed? C.I. Doors How are lids secured? Locked Height above deck? Flush
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 5" ports 18 × 9 + 6 scuppers each side
Ceiling in Holds, thickness and material 2" redwood **Cargo Battens,** thickness and material —
Cargo Hatchways.—How formed? plates & angles **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 —

Bulwarks, height above deck and description Steel 36 × 42 × 5/16 **No. of Breasthooks** 3 **No. of Crutches** 2 + deck floors
Main Rail, material and size 6½ × 3 × 7/16 BA.
The foregoing is a correct description. COOK, WELTON & GEMMELL, LTD. DIRECTOR
Builder's Signature (here only) W.H. Patterson *Surveyor's Signature* F. C. Smith
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) M 7/6/16 E 3/11/16

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
to plate, &c., conform well to each other? Yes Do the holes for riveting plate to frames, butt straps, or plate
from the faying surfaces? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes Do any rivets break into or through the seams or butts of the plating? a few
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, the Secretary's letters & in general conformity with the Society's rules.

The approved plans are herewith enclosed for reference, which kindly return for dealing with the sister vessels.

This vessel is a sister ship to the S/S War Duke Hull report No 29888.

Plans in London

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 ..... £ 7 : 0 : 0
Special Survey Fee.... £ 10 : 11 : 0
Travelling Expenses, if any £ : 1 : 10
Fees applied for, 27-4-1917
Received by me 11/7/17 19 12/5/17

Certificate to be sent to Hull **Date of issue** 14/5/17

State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed 100 A1. Steam Trawler F. C. Smith
With, or without Freeboard, as condition of Class Without.
Surveyor to Lloyd's Register of Shipping.

The Surveyor's Report is required not to be written on or below the Committee's Minute.

Committee's Minute TUE - 1 MAY. 1917
Character assigned 100 A1. Steam Trawler
Lloyd's A & C.P. + Ldd 4.17
Trade Steel (m)

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ~ ft., R.Q.D. 65.6 ft., Bridge ~ ft., Forecastle WHALEBAC ~ f
(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. 139940; Signal Letters ; State if Machinery is fitted aft JES

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.
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. 2690

Date 30/6/16

No. 340D in builder's yard.

Dates of Surveys held while building: 1916:- Aug 31- Sep. 6. 13. 27. Oct 10. 19 Nov 3. 7. 17. DEC 8. 14. 1917: Jan 5. 16. 2
Feb 6. 13. 23. Apr 11. 13 19

Total No. of Visits 20

Surveyor's Signature F. C. Smith