(66)

~~Short Lance~~

MON. 9 DEC. 1918

With ~~or Without~~ Disconnected Erections.

STEEL STEAMER.

Received at London Office ..... Engineer to be classified in Lr. Cert. Studies Under the Rules for Merchant Ships Rept. 7319

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

Date of completion of report ..... Port of ..... No. 71458

Survey held at Blyth Date, First Survey 20th July 1918 Last Survey October 20th 1918 (2nd November)

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "War Haven" Rig None

TONNAGE under Tonnage Deck	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	1874.64
Do. of Poop	86.54
Do. of R.Q.Dk.	-
Do. of Bridge House	25.55
Do. of Forecastle	4.56
Do. of Houses on Dk.	86.21
Excess of Hatchways	34.05
Above Crown of Engine Room	
Total	3111.55
Do. Space	151.46
Deduction of Engine Room	
Total Fees	2960.09
Do. Boiler Room	995.70
Do. Other Spaces	98.06
Net Tonnage	1866.33

CLASS	FEET.
Breadth (greatest moulded)	46.5
Depth, at middle of length from top of keel to top of upper deck beams at side	25.5
Transverse Number	72.0
Length on deck from fore part of stem to after part of stern post	331
Longitudinal Number	238.32
Depth "d," at middle of length (See Secs. 2 & 13)	21.75
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.98
" " Long Bridge Deck Beam at side to top of keel	✓

Master J. R. Matthews

Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel 191

Built at Blyth

When built 1918 Launched Sept 21st 1918

By whom built Messrs The Blyth Shipbuilding & Dry Docks Co Ld

Owners Controller General Merchant Shipping

Managers W. D. C. Balls & Son (Where necessary to be entered in Reg. Book.)

Residence 60 Tyne Street North Shields

Port belonging to London

Destined Voyage Not Known If Surveyed while Building, Afloat, or in Dry Dock Special

Deck	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
Upper Deck	331	0	BREADTH—Moulded	46	6	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	23	2½	No. of Decks with flat laid: One
						Do. do. do. do. Second Dk. Beams	✓	✓	No. of Tiers of Beams: One

Moulded depth, ft. 23 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 11½ ins.

Moulded depth, ft. 25 ins. 6 To Upper Dk.

Scantling of Ship per Register, Length 331.3 breadth 46.7 depth 23.2

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
~~Angles, or E or~~ L Bars amidships	10	3½	.46	10	3½	.46
ks	6	3	.48	6	3	.48
of Double Bottoms at Solid Floors	3½	3½	.36	3½	3½	.36
" at intermdt. Bkts.		✓			✓	
rames from centre to centre amidships		24½			24½	
" " " from ¾ length to Collision bulkhead		24½			24½	
" " " in peaks		24			24	
FRAME, Angles						
of Double Bottoms at Solid Floors	3	3	.36	3	3	.36
" at intermdt. Bkts.		✓			✓	
lepth of girder		10			10	
pth and thickness of Floor Plate mid-line for ¾ length amidships						
of Engine and Boiler Spaces						
ss at the ends of vessel						
¼ the half breadth, as per Rule						
extended at the Bilges						
Cell. Double Bottoms		39	.34		39	.34
e if flanged (top & bottom) No		✓			✓	
cing of Solid floors		24½			24½	
DER, in Dbl. bottom, dpth. & thicknss.		39	.48		39	.48
" Angles, Top	5	5	.60	5	5	.60
" " Bottom	5	5	.60	5	5	.60
" " to Floors	5 / 3½	5 / 3½	.40 / .36	3½	3½	.36
ets at intermdt. frmg., wdth & thknss		✓			✓	
RS, number on each side & thickness	One	.34		One	.34	
state if flanged (top and bottom)	No					
Angles (top and bottom) Top / Btm	3 / 3½	3 / 3½	.36 / .36	3 / 3½	3 / 3½	.36 / .36
" to Floors	3	3	.36	3	3	.36
TE, depth (exclusive of flange) and thickness		39	.42		39	.42
Angle to Outside Plating	3½	3½	.42	3½	3½	.42
" Floors	3½	3½	.36	3½	3½	.36
ts at intermdt. frmg., wdth & thknss		✓			✓	
of Outside Brackets above at bilge		27			27	
OM PLATING, breadth and ickness of Middle Line Strake		68	.40		68	.40
" in Engine and Boiler space		.44	.52		.44	.52
" " Remainder in Holds		.36			.36	
MS, Upper Deck, ~~Single Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	9	3½	.42	9	3½	.42
In way of Long Bridge		✓			✓	
" Spacing		24½			24½	
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~~	7	3	.36	7	3	.36
" ~~Angles on upper edge~~		✓			✓	
" Spacing		24			24	
BEAMS, Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8	3	.44	8	3	.44
" ~~Angles on upper edge~~		✓			✓	
" Spacing		24½			24½	
BEAMS, Forecastle Deck, ~~Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8	3	.44	8	3	.44
" ~~Angles on upper edge~~		✓			✓	
" Spacing		24			24	

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	2¾	49	2¾	49
" " Hold " "	3½ to 5¼	49	3½ to 5¼	49
" " 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						
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
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						
" Intercostal Plate for ..... length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number 3 Panting		27	.34		27	.34
" " Angle	3½	3½	.44	3½	3½	.44
" Intercostal Plate, for ..... length		✓			✓	
" Attached to outside plating with Angles	3½	3½	.40	3½	3½	.40
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	52 × .76	to 32 × .40		52 × .76	to 32 × .4	
" " " " br'dth & thickness (in way of Bridge)		52	.46	52	.46	
" " " Angle (clear of Bridge)	5 × 5		.58	5 × 5	.58	
" " Tie Plate at sides of Hatchways		✓			✓	
" Deck.* ~~Iron or~~ Steel, for full lng.	.56			.56 in Well		
" " Thickness (clear of Bridge)	.30			.30 poop & Bridge		
" " " (in way of Bridge)	.34			.34 at Casing		
" Wood Deck. Material & thickness	✓			✓		
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		32	.32	32	.32	
" Angle on ditto		3 × 3	.32	3 × 3	.32	
" Tie Plates		✓		✓		
" Deck. Material and thickness Steel		.25 Wheathed		.25 Wheathed		
Bridge Deck Stringer Plate, br'dth & thickness		48	.52	48	.52	
" Angle on ditto		3½ × 3½	.56	3½ × 3½	.56	
" Tie Plates		✓		✓		
" Deck. Material and thickness Steel		.32 & .36		.32 & .36		
Forecastle Deck Stringer Plate, b'dth & th'kns		32	.32	32	.32	
" Angle on ditto		3 × 3	.32	3 × 3	.32	
" Tie Plates		✓		✓		
" Deck. Material and thickness Steel		.30		.30		

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

Form No. 1A.—2m,6,18. T.

015039-015053-0323 1/2

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	3@28¼	Spaces	3@28¼	Spaces
,, ,, ,, brdth. & thickness	27×.50 ✓		27×.50	
,, No. of Side Stringers ,, ,,	3	27×.34 ✓	3	27×.34
WEB-FRAMES, In E. & B. Space, No. & spacing	1 Between 6 & 8		1 Between 6 & 8	
,, ,, ,, brdth. & thickness	24×.42 ✓		24×.42	
WEB-FRAMES, In After Body. No. and spacing		✓		✓
,, ,, ,, brdth. & thickness		✓		✓
,, No. of Side Stringers ,, ,,	2 in After peak		2 in After peak	
,, Size of Face Angles to **Web-Frames**	6×3½×.44		6×3½×.44	
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	✓	✓
STEM, moulding and thickness	9½ × 2½ ✓	9½ × 2½
STERN-POST for Rudder do. do.	8½ × 6½ ✓	8½ × 6½
,, for Propeller	9½ × 6½ ✓	9½ × 6½
RUDDER—A×D* Table 22. Speed 11/12	287.73	262/290
,, **Main-Piece,** diameter at head	8 ✓	8
,, ,, ,, at heel	6 ✓	6

RUDDER, how constructed *Steel plate, forging*

,, Thickness of Plates or Single Plate *1.04*

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.? *Open Hearth process. Consett, South Durham, Cargo Fleet Palmers & Darnan Lang & Co.*

Has the Steel been tested as required by the Rules? *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	100/12		.26/.40	L.B. Beam	9×3½×8	24	Single	Upper Dk	
	38		.26/.40	"	10×3½×.64	30	double below 24	"	
	63		.26/.38	"	10×3½×.58	30	double 2nd bdge	"	
	95		.26/.46	"	10×3½×.58	27/26	do.	"	
	126		.26/.40	"	10×3½×.60	30	double below 24	"	
,, **COLLISION** ,,	153		.26/.40	L.B. Beam	6×3½×.36	24	Single	"	
					9×3½×.50		double at bdge		
PARTITION W.T.	97		.26/.44	"	10×3½×.58	30		"	
~~**LONGITUDINAL**~~									

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

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)	45	.90	.64	.64	45	.90 to .64
GARBOARD or A Strake	66	.56	.42	.56		.56 to .42
B ,,	66	.56	.42	.56		.56 .42
C ,,	66	.56	.42	.68		.56 .42
D ,,	65½	.56	.44	.56		.56 .42
E ,,	59½	.56	.42	.56		.56 .42
F ,,	60½	.56	.42	.56		.56 .42
G ,,	61	.56	.42	.56		.56 .42
H ,,	60½	.56	.42	.56		.56 .42
J ,,	61	.56	.42	.42		.56 .42
Sheer K ,,	46½	.56	.42	.42		.56 .42
L ,,	28½	.60	.50	.36		.60
M ,,	53	.64	.38	.36		.64
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
THICKNESS OF SHEERSTREK	46½	.80 to .42			45	.80 to .42
CLEAR OF LONG BRIDGE		.56 to .42				.56 .42
DO. OF STRAKE BELOW						
DBLG. of Flat Plate Keel	Increased in thickness					
,, Sheerstrakes (Length and thickness)	20-6 × .56 ✓			.36	at ends of bridge	.36
POOP SIDES		✓				✓
SHORT BRIDGE SIDES			.38			.38
FORECASTLE SIDES						

(Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.)

RIVETING.

STRAKES.	EDGES. Ordinary or joggled? Ordinary. 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	double	6	1	4	Quad/treble	1⅛	4½			16	½ lg
GARBOARD or A Strake	"	5¾	7/8	3½	Treble	7/8	3⅛			9	full
B ,,	"	"	"	"	"	"	"			"	"
C ,,	"	"	"	"	"	"	"			"	"
D ,,	"	"	"	"	"	"	"			"	"
E ,,	"	"	"	"	"	"	"			"	"
F ,,	"	"	"	"	"	"	"			"	"
G ,,	"	"	"	"	"	"	"			"	"
H ,,	"	"	"	"	Treble	"	3½	5½ per Surveyor 22/1/19		9	in bridge
J ,,	"	"	"	"	Treble	"	"			9	in bridge
Sheer K ,,	"	"	"	"	treble	"	"			9	full
L ,,	"	"	"	"	Quad/double	"	"			12	in bridge
M ,,											
N ,,											
O ,,											
P ,,											
Q ,,											
R ,,											
S ,,											
T ,,											
U ,,											
V ,,											
W ,,											
THICKNESS OF SHEERSTREK	46½									14	½ lg
CLEAR OF LONG BRIDGE		5¾	7/8	3½	Treble	7/8	3½			12	½ lg
DO. OF STRAKE BELOW											
DBLG. of Flat Plate Keel											
,, Sheerstrakes (Length and thickness)	Single	2½	3/4	3	Double	3/4	2⅝			5	full
POOP SIDES											
SHORT BRIDGE SIDES	"	2½	3/4	3	Double	3/4	2⅝			5	full
FORECASTLE SIDES											

* 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,** *treble* riveted for *full* length ~~amidship~~. (2nd. at bridge ends &) **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 *Fitted between Web frames* ~~sixteen~~ riveted.

,, **Tie Plates** ✓ riveted.

Inner Bottom Plating, riveting of **Edges** *double & single* **Butts** *double/single*

Centre Girder Butts, *treble* riveted. **Keelson Butts,** ✓ riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6⅛ apart.

Rivets, state whether Iron or Steel *Iron*

FRAMES extend in one length from *Tank side* to *Upper & Bridge dks. alternately* State if ordinary or joggled *Joggled*

REVERSED FRAMES on floors ~~and frames~~ extend from *Centre line to tank side* 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											
Mizen											
Bowsprit			One Wireless mast only.				2.	✓	✓	Single	double
Topmasts, Yards and Remainder of **Spars**			✓								
Rigging, Material and Size, **Shrouds**			✓								

Stays 4 c 3" & 4 c 2½ S.W.

Sails, ✓ Suit of ✓ Sails, and the following spare sails ✓

Form No. 1A

EQUIPMENT No. 24981.59 LETTER O. ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS

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.
80034	1st Bower	45	2	13		-		39	12	3	7	45	0	0	Stockless	N. Hingley & Sons Ld	Netherton 28/7/18
80033	2nd ,,	45	1	12		-		39	9	2	21	45	0	0	-do-	-do-	-do-
80053	3rd ,,	38	0	14		-		34	11	2	7	38	0	0	-do-	do	Signed A. Green.
	4th ,,																
	Collective weight.	129	0	1								128	0	0			
79992	Stream	12	0	3	3	0	6	13	19	2	21	12	0	0	Iron Stock	N. Hingley & Sons Ld	Netherton 27/7/18
	Kedge																Signed A. Green.

No Kedge Anchor Supplied

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 26-1-14 D.D.W. 1160 23/1/18

2nd ,, 25-3-14 D.D.W. 1111 16/1/18

3rd ,, 21-1-0 D.D.W. 1278 28/2/18

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.
13060	105	1 13/16	67½	94½	199 0 18	397.2-0	210	1 13/16	Stud Link	N. Hingley & Sons Ld	Low Walker 21/7/18
13061	105	1 13/16	67½	94½	200 0 9					-do-	-do-
			✓	✓	399-1-6						Signed A. Green
Stream ~~Bower~~ Steel Wire	90	Cir. 4¼		35 ✓			90	Cir. 4¼			

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.	Ins.
TOWLINE	100	4	33	100	4
HAWSERS & WARPS	90	2½	12½	90	7
,, ,,	90	2¼	9½	90	6
,, ,,	90	7		90	7
	90	6		90	6

Boats *Davy lifeboats 22×7×2-9* **Steering Gear, Steam** *Davis & Co 9½"* **Steering Gear, Hand** *Westmacott Engineering Co*

Pumps, Number *none* Diameter of Barrel ✓ State whether they are in efficient working order ✓

Windlass is *Emerson Walker & Thompson Bros Ld 9½ × 11* **Capstan** *none.*

Engine Room Skylights.—How constructed? *Steel plates & angles* What arrangements for deadlights in bad weather? *Bulls eyes* ✓

Coal Bunker Openings.—How constructed? *Steel plates & angles* How are lids secured? *Battens & bolts* Height above deck? *18"* ✓

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** *9 scuppers on each side, 7 & 8 freeing port on each side 36×17½*

Ceiling in Holds, thickness and material *Own timbers only* **Cargo Battens,** thickness and material *none* ✓

Cargo Hatchways.—How formed? *Steel plates & angles* **Hatches,** If strong and efficient? *Yes*

State size **No. 1 Hatch** (Forward) *26-6½ × 18-0* **No. 2 Hatch** *26-6½ × 18-0* **No. 3 Hatch** *26-6½ × 18-0* **No. 4 Hatch** *26-6½ × 18-0*

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch ✓ *4 Shifting beams in each hatch*

No. of Breasthooks *9 including 2 to* **No. of Crutches** *deep floors*

Bulwarks, height above deck and description *3'-9" 7½" bulb plate stays* Main Rail, material and size *6×3×.40 B.A.*

The foregoing is a correct description. FOR AND ON BEHALF OF THE BLYTH SHIPBUILDING & DRY DOCKS CO. LTD. *Surveyor's Signature* *W. E. Bryan*

Builder's Signature (here only) *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*) *Standard Ship "C" Type*

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? *Frames Joggled* 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? *No*

Are the butts of Plating, Stringers, &c., properly shifted and ~~chopped~~ lapped? *yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *yes* State results of tests *good*

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

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the plans approved for the Type "C" Standard Vessels, the Secretary's letters and in general conformity with the Rules for the 100 A.1. Class.
The workmanship and material are of good quality.
The Freeboards assigned by the Committee have been marked on the vessels sides & verified

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 ..... £ : :

Special Survey Fee.... £138 : 6 :

Travelling Expenses, if any £ : :

Fees applied for, 8-11-1918

Received by me, 11.12 1918

Certificate to be sent to *Newcastle on Tyne* *Date of issue* *20/12/18.*

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *+ 100 A.1. Steel*

With, or without Freeboard, as condition of Class *Without*

W. E. Bryan.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 13 DEC. 1918

Character assigned *100 A1 Cargo battens not fitted* *Lloyds A & C.* *LMB 11.18*

(with Freeboard)

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 22·91 ft., R.Q.D. ✓ ft., Bridge 98 ft., Forecastle 28·66 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The poop and bridge decks are separate erections

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*) One Dk (stl)

Official No. 142706 ; Signal Letters ..... State if Machinery is fitted aft No

How are the surfaces preserved from oxidation ? Inside Portland 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,	102-1	219	Fore peak tank,		110
Double bottom, under Engines and Boilers,	58-9½	138	After peak tank,		128
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	143-0	277	Other tanks, if fitted,		
	Total capacity of double bottom	434	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 283 102

State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 4750

Date 8·3·1918

No. 206 in builder's yard.

Dates of Surveys held while building: 1918 Feby. 20.27. Mar. 6.14.25.27 Apl 9.16.18.30 May 8.21.29.31. Jun 4.12.14.19 July 3.8.11.17.19.24 Aug. 1.7.8.19.27. Sept 5.9.10.17.18.20.25.27.30. Oct. 7 11.22.23.24.30.31 Nov. 1.5.6.7.8.15.18.19.20 21 22.23.26.27 ~~Dec. 3.~~

Total No. of Visits 61

Surveyor's Signature W. E. Bryan.