~~Awning or~~ Shelter Deck, STEEL STEAMER.

~~or Pt. Awning Deck.~~

No. 72895

WED. 17 MAR. 1920

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

rt of Newcastle on Tyne Date of completion of Report March 8th 1920 Received at London Office

rvey held at Howdon on Tyne Date, First Survey 14th October 1918 Last Survey 18th February 1920

the (State if Single, Twin, or Triple Screw) Single screw steamer "FANTEE" Rig Schooner

			Feet.
NNAGE under Tonnage Deck	5447.88	CLASS 100 A.1.	
between Tonnage Dk. and rd, 4th, or Awning Dk.		Breadth (greatest moulded)	52.66
tal under Upper Dk.		Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	35.42
of Poop		Deduct height of 'tween deck when this does not exceed 8ft.	8.00
of R. Qr. Dk.		Transverse Number	80.08
of Bridge House	3.95	Length on deck from fore part of stem to after part of sternpost	399.6
of Forecastle	13.64	Longitudinal Number	31999
of Houses on Deck	156.09	Depth "d" at middle of length. See Secs. 2 & 13	23.34
of excess of Hatchways	41.40	Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel	11.28
above Crown of Engine Room		" " " Upper Deck at side to top of keel	14.84
oss Tonnage	5662.96		
s Crew Space	205.36		
s above Crown of Engine Room			
NNAGE FOR FEES	5457.60		
s Engine Room	1812.15		
s Navigation Spaces	118.06		
gister Tonnage s cut on Beam	3527.39		

Master A. Sutherland

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

Built at Howdon on Tyne

When built 1920 Launched Nov 21st 1919

By whom built The Northumberland Shipbuilding Co Ld.

Owners Messrs Elder Dempster & Co

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

Residence

Port belonging to London

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

	Ft.	Ins.		Ft.	Ins.		Ft.	Ins.	
LENGTH on eck as per Rule	399	7¼	BREADTH — Moulded	52	8	DEPTH, ACTUAL — Top of Floors to top of ~~Awning or~~ Shelter Dk. Beams	32	10½	No. of Decks with flat laid 1 & S.D
						Do. do. Upper Deck Beams	24	4½	No. of Tiers of Beams 1 & Sh. Dk

imensions of Ship per Register, Length 399.5 breadth 53 depth. 32.85 ~~Awning or~~ Shelter Dk. Moulded depth, ft. 35 ins. 5 To Awning or Shelter Dk. Upper Deck. Moulded depth, ft. 26 ins. 11 To Upper Dk. Round up of Uppermost Dk. Beam, Actual .. 12½ ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule s Appro	Inches per Rule ved.
In shelter tween decks						
RAME, ~~Angles, or~~ E or L Bars amidships	6	3½	.36	6	3½	.36
	11	3½	.58	11	3½	.58
Do. in peaks L	7	3	.44	7	3	.42
Do. in way of Double Bottoms at Solid Floors	3½	3½	.40	3½	3½	.40
" " L at intermdt. Bkts.	8	3	.40	7½	3½	.44
pacing of Frames from centre to centre amidships		25½			25½	
" " " " from ⅜ length to collision bulkhead		25½			25½	
" of Frames from centre to centre in peaks		24			24	
EVERSED FRAME, Angles						
Do. in way of Double bottoms at Solid Floors	3½	3½	.40	3½	3½	.40 .50
" " L at intermdt. Bkts.	7	3	.40	7	3	.40 .50
RAMING, depth of girder		11			11	
LOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships						
" in way of Engine and Boiler spaces						
" thickness at the ends of vessel						
" depth at ¾ the half-bdth. as per Rule						
" height extended at the Bilges						
LOORS, in Cell Double Bottoms	.40	.36	.50B	.40	.36	.50B
" state if flanged (top and bottom)	Flanged on top except in E & B space and forward of 3/5 length.					
" spacing of Solid		76½			76½	
ENTRE GIRDER, in Dbl.bottom, dpth.&thicknss	43 x .50 to .40 .60B			43 x .50 to .40 .60B		
outside angles in E & B space & forward 3/5 lg.	3½ x 3½ x .50 to .40 .60 in boiler space					
" " Angles, Top	5 5 .54			5 5 .54		
	6 0 in boiler space					
" " " Bottom	5 5 .54			5 5 .54		
" " " to Floors	5 5 .56			5 5 .56		
" Brackets at intermdt. frmg., wdth & thknss	42 x .40 to .36 .50B			42 x .40 to .36 .50B		
IDE GIRDERS, number and thickness. Two	.40 to .36 .50B			.40 to .36 .50B		
" " state if flanged (top & bottom)	Flanged to floors					
" Angles	3½ 3½ .40			3½ 3½ .40		
ARGIN PLATE, depth (exclusive of flange) and thickness	35 x 48 .58B			35 x 48 .58B		
" Angles to outside plating	4 4 .48			4 4 .48		
" " to floors	5 5 .58 .62			5 5 .58 .62		
	6 3½ .40 .50			6 3½ .40 .50		
" Brackets at intermdt. frmg., wdth & thknss	36 x .40 to .36 .50B			36 x .40 to .36 .50B		
" Height of Brackets above at bilge		33			33	
NNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	65½ x 50 to .40 .56B			65½ x 50 to .40 .56B		
" " thickness in Engine and Boiler space	1st E, .48E, .56B			.48E .56B		
" " " Remainder in Holds	Increased .08 under hatchways .40 to .36			.40 to .36		
EAMS, ~~Awng. or~~ Shltr Dk, ~~Single Angle~~, Bulb Angle, ~~Plate, Tee Bulb or Channel~~	9	3½	.42	9	3½	.42
" Spacing		25½			25½	
EAMS, Upper Deck, ~~Single Angle~~, Bulb Angle, ~~Plate, Tee Bulb or Channel~~	11	3½	.56	11	3½	.56
" Spacing		51			51	
EAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on upper edge						
" Spacing						
EAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on upper edge						
" Spacing						
EAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on upper edge						
" Spacing						
EAMS, Forecastle Deck, ~~Angle~~, Bulb Angle, ~~Plate, Tee Bulb or Channel~~ with 2 Rows of fillet	8	3	.48	8½	3	.46
" Angles on upper edge		✓			✓	
" Spacing	every frame			every frame		

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	2⅞	51	2⅞	51
" " Hold " "	Wide spaced as approved.			
" Quarter, 'tween Dks., " "				
" " in Hold " "				

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Appro	Inches per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate						
" Rider Plate						
" Flat Keel Plate 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	Partial arrangement as per approved plan.					
" " Angle						
" " Intercostal Plate, for lng.						
" Attached to outside plating with Angle						
~~Awning or~~ Shelter Deck Stringer Plates, breadth and thickness	56	.56	56	.56		
" Angle on ditto	5 x 5	.58	5 x 5	.58		
" Tie Plates, fore and aft, outside Hatchways						
" Deck.* ~~Iron or~~ Steel, for full lng.	.40	.44	.34	.40	.44	.34
" Wood Deck. Material & thickness						
Upper Deck Stringer Plate, breadth and thickness	60	.44	47	.46		
" Angles on ditto, No. 2	3½ x 3½	.46	3½ x 3½	.46		
" Tie Plates, outside Hatchways						
" Deck.* ~~Iron or~~ Steel, for full lng.	.34	.30	.34	.30		
" Wood Deck. Material & thickness						
Second Deck Stringer Plates, br'dth & thickn's						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck.* Material and thickness						
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck. Material and thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angles 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	.34	.34	.34	.34		
" Angle on ditto One	3½ x 3½	.36	3½ x 3½	.36		
" Tie Plates						
" Deck. Material and thickness Steel	.34		.34			

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

W533-0257½

WEB FRAMES.

Shelter Twen deck

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In ~~Cargo Body~~, No. and spacing	8, as per approved plan			
brdth. & thickness	24x.36		24x.36	
No of Side Stringers				
WEB-FRAMES, In E. & B. Space, No. & spacing	One between Engines & Boilers			
brdth. & thickness	28x.5 & double flat Angles 3½x3½x.42			
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	Flat plate Keel	
STEM, moulding and thickness	10 x 2 15/16	10½ x 2¾
STERN-POST for Rudder do. do.	9 x 7½	9 x 7½
for Propeller	10½ x 7½	10½ x 7½
RUDDER-AXLE Dº Table 22. Speed 10 Knots	4 7/8.16	
Main-Piece, diameter at head	10	10
" " " at heel	7½	7½

RUDDER, how constructed Single plate, forged round stock

Thickness of ~~Plates or~~ Single Plate 1.12

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, South Durham, Cargo Flat, Cowatt, J. Spencer, D. Colville, Dorman Long, Palmers Shipbuilders Iron Co. Glasgow Iron & Steel Co. Belshaw Vaughan.

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

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness.	Stiffeners. Horizontal. Size.	Horizontal. Spacing	Vertical. Size.	Vertical. Spacing	Single or Double Frames.	Height up, state deck.
			Inches.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	7	6		S.B. Beam					
After Peak			.60 6-34	W.T. flat	L	8x3x.48	24	Single	upper Dk
43 & 120			.36		C	12x3½x.7	30	"	"
79 & 102			.36		C	12x3½x.62	30	"	"
148			.36		⊥	12x3½x.57 3½x3½x.5	30	"	"
" COLLISION 179			.42 6-36	S.B. Beam W.T. plate	L	10x3½x.52 4x3½x.34	24	"	Shelter dk.
PARTITION "									
LONGITUDINAL "									

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

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

PLATING.

STRAKES.	As in Ship. Amidship. Breadth.	Amidship. Thickness.	Forward. Thickness.	Aft. Thickness.	Per Rule or as Approved. Amidship. Breadth.	Amidship. Thickness.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL (U Bar Keel, state Riveting.)	47	.98	.70	.70	47	.98
GARBOARD or A Strake		.62	.46	.58		.62
B "		.62	.58	.58		.62
C "		.62	.46	.72		.62
D "		.62	.56	.58		.62
E "		.62	.46	.58		.62
F "		.66	.44	.62		.66
G "		.66	.44	.62		.66
H "		.66	.44	.62		.66
J "		.66	.44	.44		.66
Sheerstrake K "	75	.66	.44	.44		.66
L "	72½	.76	.44	.44		.76
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			.40	.40		

Write "Awning or Shelter Deck" "Sheer Strake" opposite its corresponding letter.

A.B & C strakes maintain midship thickness to collision bulkhead.

A.B & C strakes reduced to .58 where floors are fitted on every frame.

RIVETING.

	Edges, Ordinary or Joggled? Joggled. Single or Double.	Breadth of Lap.	Rivets. Diam.	Rivets. Spacing or, to cr.	Butts. Double or Treble and for what Length.	Rivets. Diam.	Rivets. Spacing or, to cr.	Straps. Breadth.	Straps. Thickness.	If Lapped. Breadth.	If Lapped. For what Length.
		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Feet.
	Double	6¼	1⅛	4¼	Quadruple over 0.6	1⅛	4½			16	3/5 L
	"	5¼	⅞	3 3/16	Quadruple	⅞	3½			12	1/2 L
	"	"	"	"	"	"	"			"	"
	"	"	"	"	"	"	"			"	"
	"	"	"	"	"	"	"			"	"
	"	"	"	"	"	"	"			"	"
	"	"	"	"	Treble	"	3⅛			9	Full
	"	"	"	"	"	"	"			"	"
	"	"	"	"	"	"	"			"	"
	"	"	"	"	"	"	"			"	"
	"	6	1	3 9/16	Quadruple	"	3½			12	1/2 L
					"	1	4			14	"
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	Single	2½	¾	3	Double	¾	2⅝			5	full

~~Awning or~~ Shelter Deck Stringer Plate: Butts, Treble riveted for full length ~~amidship~~. Straps, ~~single, double or~~ and overlapped for full length ~~amidship~~.

Upper Deck Stringer Plate: Butts, Treble riveted for Half length amidship. Straps, ~~single or~~ and overlapped for full length ~~amidship~~.

Butts of Side Stringers riveted.

" Tie Plates riveted.

Inner Bottom Plating, riveting of Edges Double & Single Butts Treble & Single

Centre Girder Butts, Treble riveted. Keelson Butts, ✓ riveted.

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

Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from Centre girder to margin & from margin to upper deck and scarphed from upper deck to shelter deck. State if ordinary or joggled Ordinary

REVERSED FRAMES on floors and frames extend from Centre girder to margin. (bulb angle frames above margin 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	Steel	47-2	24x.50	Parallel			2			Single	Quadruple
Main	"	47-2	24x.50	Parallel			2			"	"
~~Mizen~~											

Bowsprit.

Topmasts, ~~Yards and Remainder of Spars~~ formed of steel derricks, Main-37-0, Fore-35-0, housed 7-0, 9 3/16, 10 1/16, 8 7-3/16 dia, 5-0 wood pole.

Rigging, Material and Size, Shrouds 3 1/16 G.A.W. Stays 2 1/16 G.A.W. topmast stays 2 1/16 G.A.W.

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

Form No. 1B.

EQUIPMENT No. 34704 LETTER J. ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Req. by Table 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
61516	1st Bower	61	0	0				48	17	2	0	60	0	0	Stockless	J. Wright & Co	Lipton 16/8/18 E.E. Davies
51515	2nd "	60	2	0				48	12	2	0	60	0	0	"	"	" " "
14828	3rd "	60	1	0				42	10	2	14	60	2	0	"	"	Chester 13/8/19 H.T. Wilfred
	Collective weight	181	3	0								180	2	0			
30062	Stream	16	3	2	4	2	4	18	0	2	14	16	1	0	Iron stock	Rot Grieve	Dudley Worcs. 26/10/18 J.G. Pearce
32010	Kedge	7	0	14	1	3	14	9	7	0	21	7	0	0	" "	Fellows Bros Ltd	" 16/5/19 "

If Patent state Name of Patentee. (If Stock state Material Tests.)

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

1st Bower	35-3-15	P.D. Long	2421	16/8/18
2nd "	35-3-16	"	2378	31/7/18
3rd "	29-1-4	"	3136	22/5/19

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length.	Diam.	Test per Certificate. Satisfactory.	Breaking.	Weight of Chain Cable. Supplied.	Per Rule.	Length and Size per Table 31. Length.	Diam.	Description.	Makers of Cables.	Where and when tested and Superintendent.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.			
53222	210	2 3/16	86/18	120	608 2 16	665-3-0	270	2 3/16	Stud link	Earl of Dudley	Lipton 16/8/18 E.E. Davies
53763	60	"	"	"	145-0-14 / 653-3-2	✓	✓	-			"
Iron Stream (Chain or Steel Wire)	90	Cir. 4¾		47			90	Cir. 4¾			

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length.	Cir.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length.	Cir.
	Fathoms.	Ins.	Fathoms.	Fathoms.	Ins.
TOWLINE	120	4¾	45	120	4¾
HAWSERS & WARPS	20 90	2¾	15½	20 90	2¾
" "	20 90	2½	12½	20 90	2½
" "					

Boats 4 lifeboats - 2C 24-0 & 2C 21-0 **Steering Gear, Steam** good **Steering Gear, ~~Hand~~** from winch, good.

Pumps, Number One 6" Downton; and one to fire peak Diameter of Barrel 4" State whether they are in efficient working order Yes

Windlass is Iron patent, good. **Capstan** ✓

Engine Room Skylights.—How constructed? Steel plates and angles What arrangements for deadlights in bad weather? Shutters and lights

Coal Bunker Openings.—How constructed? Steel plates and angles How are lids secured? Battens Height above deck? 30"

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** No scuppers to sea below shelter deck, open rails on shelter deck.

Ceiling in Holds, thickness and material Over limbers only 9x2½ W.P. **Cargo Battens,** thickness and material 6"x2" W.P. in lower holds only.

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

State size **No. 1 Hatch** (Forward) 29'-9"x20'-0 **No. 2 Hatch** 29'-9"x20'-0, No. 2 A. 12'-9"x8' **No. 3 Hatch** 34'-0"x20'-0 **No. 4 Hatch** 29'-9"x20'-0

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch 5 shifting beams in No. 1, 2 & 4, 6 in No. 3 and 2 in No. 2A.

No. of Breasthooks 10 with deck **No. of Crutches** 3 and deep floors

Bulwarks, height above deck and description Open rails Main Rail and Stays, material and size Open rails

The foregoing is a correct description.

Builder's Signature (here only) [illegible] *Surveyor's Signature* E. J. Skilton W.E. Bryan

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 type F1

Workmanship. Are the butts of plating planed or otherwise fitted? Lapped and 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~~? 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 Rules, the approved plans and the Secretary's letters relating to the standard ships, type "F1".
The material and workmanship are good throughout.
The approved plans are in the London Office, and a print of midship section and profile and deck plans of vessel as built are forwarded herewith along with the forging certificates.

The S.S. "Waihemo", Newcastle Report No. 72561, Yard No. 275 is a sister vessel.

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 ..... £ 5 : : Fees applied for 16 MAR 1920 19

Special Survey Fee.... £ 161 : 9 : 0 Received by Inc. 27/3/20 Certificate to be sent from Lpool NEWCASTLE-ON-TYNE Date of issue 29.4.20

Travelling Expenses, if any £ - 17 = 0 = 0 Chargeable Agncy 15/4/20 14

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed ☒ 100 A.1. Steel Shelter deck E. J. Skilton W.E. Bryan

With, or without Freeboard, as condition of Class With Freeboard. *Surveyor to Lloyd's Register of Shipping.*

The Surveyors are requested NOT to write on or below the Committee's Minute.

Committee's Minute FRI. 19 MAR. 1920

Character assigned 100 A.1. Shelter DK with freeboard

Lloyd's A & L. P. + R.M.C. 3:20 F.D.

Cargo Battens not fitted in Tween Dks.

W533-0357

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle on Shelter d
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Complete shelter deck without tonnage opening

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 gi*
should appear in the Register Book) 1 Dk (stl) and shelter Dk (stl) ✓

Official No. 144410 ; Signal Letters ..... . State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside Part portland cement and paint , Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular D.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,	140-3"	455	Fore peak tank,	19-0	
Double bottom, under Engines and Boilers,	44-7½	215	After peak tank,	22-0	
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	165-9	620	Other tanks, if fitted,		
	Total capacity of double bottom	1290	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 350-7"

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

Order for Special Survey No. 4782

Date 19-6-18.

No. 274 in builder's yard.

Dates of Surveys held while building: 1918 Oct. 17. Dec. 18. 19. 1919 Jan 27. 29. Feby 3. 12. 14. 19. 25. Mar 26. Apl 3. 11. 25. May 2. 6. Jun 2. 17. 19 July 2. 3. 8. 14. 22 Aug 5. 11. 19. 21. 28. Sept 3. 4. 5. 23. 26. 30. Oct 6. 9. 16. 20. 22. 24. 25. 29 30. 31 Nov. 3. 5. 6. 7. 8. 12. 13. 15. 18. 20. 21. 24. 5. 6. 9. 10. 12. 17. 1920 Jan. 5. 12. 21. Feby 13. 15

Total No. of Visits

Surveyor's Signature E. J. Milton W. E. Bry