

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
OWER MASTS.....	Fore	<i>Steel</i>	<i>48' 0"</i>	<i>2 1/2 x 35</i>	<i>2 1/2 x 35</i>	<i>1 1/2 x 30</i>	<i>Two</i>	<i>✓</i>	<i>✓</i>	<i>Single</i>	<i>Double</i>
	Main	"	<i>49' 0"</i>	<i>2 1/2 x 35</i>	<i>2 1/2 x 35</i>	<i>1 1/2 x 30</i>	<i>"</i>	<i>✓</i>	<i>✓</i>	<i>"</i>	<i>"</i>
	Mizen.....										
owsprit ✓											
opmasts, Yards and Remainder of	Spars	<i>38' 0"</i>	<i>wood topmasts to each mast.</i>				<i>Two Derrick Posts from 2nd Deck to 30' 0" above</i>				
gging, Material and Size,	Shrouds	<i>4"</i>					<i>Brigs Deck 2 1/2 x 35 to 2 1/2 x 30. All no butts, single seams</i>				
							<i>Stays 3 1/2 x 22</i>				
ails. <i>None</i>	Suit of	<i>✓</i>					<i>Sails, and the following spare sails</i>				

EQUIPMENT No. 4888 LETTER <i>et</i> ANCHORS.																		
Number of Certificate.	Anchors.	Weight, Ex. Stock		Weight of ^{Stock} Stock		Test, per Certificate.				Weight Req. by TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.		
24588	1st Power ..	86	2	14	35	0	7	61	17	2	0	85	2	0	Stockless.	W. L. Byers	Std. 29. 8. 19 L. Haffner	
24589	2nd " ..	86	2	21	34	3	7	61	17	2	0	85	2	0	"	"	do.	
24785	3rd " ..	74	1	14	49	0	0	36	0	0	0	73	2	0	"	"	Std. 10. 10. 19 L. Haffner	
	Collective weight	247	2	21								244	2	0				
82551	Stream	25	1	12	6	1	10	25	1	2	7	25	0	0	Iron Stock	N. Hingley	Netherlton 19. 11. 19 H. Green	
82534	Kedge	12	1	13	3	1	5	14	4	0	7	12	0	0	"	"	Netherlton 18. 11. 19 H. Green	

Printed Name Plate.

Makers of Equipment Tests.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	<i>c. 9. 26</i> 49. 2. 16	<i>N.C.</i>	2501	24 th July = 1 st July 1919
	2nd "	49. 2. 24	<i>N.C.</i>	2510	1 st = 4 th July 1919
	3rd "	44. 1. 4	<i>J.G.</i>	2569	22 nd = 29 th Aug. 1919

CHAIN CABLES.														HAWSERS AND WARPS.									
Number of Certificates.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Twine.	Fathoms and Size Per Table.							
	Length.	Diam.	Stanno- tons.	Break- ing lbs.	Supplied.	Per Rule.	Length.	Diam.					Length.	Chr.		Length.	Chr.	Fathoms.	Chr.				
68944	150	2 1/16	116 7	163 1/2	446 7-14	987-0	300	2 1/8	Shank Line	N. Hingley	Netherton 29-11-19	H. Green	TOWLINE	130	6	114	120	8					
68946	150	2 1/16	116 7	163 1/2	428 3-13	987-0	300	2 1/8	"	"	" 11-13-19 "	"	HAWSEERS & WARPS	42 1/2	8	Manilla	42 1/2	8					
69395	120	2 1/16	116 7	163 1/2	9-3-21			2 1/8	Joining Shankline	"	" 16-10-20 "	"	"	"	"	"	"	"					
(Iron Strain and Steel Wire...)	120	2 1/8	50				120	2 1/8					"	"	"	"	"	"					

Boats *Four Lifeboats 26'0". Two dinghy 17'0".*
Pumps, Number *One to Fore Peak; One to After Peak*
Windlass is *Clarke Chapman.*
Engine Room Skylights.—How constructed? *Plates and Angles*
Coal Bunker Openings.—How constructed? *Plates and Angles* How are lids secured? *Battens & Timpaulins* Height above deck? *30 inches*
Number of Seuppers, and numbers and dimensions of Freeing Ports, &c. *6 4 1/2 scuppers from Shellies Deck overboard, & 5 3 scuppers from upper*
Ceiling in Holds, thickness and material *2 1/2" D.P. in No. 1, 2 & 4. Oak* Cargo Battens, thickness and material *6" x 2" H.P.*
Cargo Hatchways.—How formed? *Plates and Angles* Hatches, If strong and efficient? *Yes.*
State size No. 1 Hatch (Forward) *24'0" x 18'0"* No. 2 Hatch *30'0" x 18'0"* No. 3 Hatch *24'0" x 18'0"* No. 4 Hatch *12'0" x 18'0"*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1, 5 & 6, Three. No. 2 & 3, Four. No. 4, Two*
No. of Breasthooks *Four* No. of Crutches *Deep floors.*
Bulwarks, height above deck and description *Open rails* Main Rail and Stays, material and size
The foregoing is a correct description *RAYTON DIXON & COMPANY, LIMITED,*
Builder's Signature (three only) *Rayton Dixon* Surveyor's Signature *J. C. Cook*
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). *Secretary (M)*
from 26th June 1916 to 12th Nov. 1920

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed.*

Is the riveted work properly closed? Y/so

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? *A few odd ones.*

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.) *Workmanship satisfactory throughout*

This vessel has been built in accordance with the approved plans, the

Secretaries letters of the above dates and in general conformity with the Societys Rules and Regulations for the class contained.

The steering gear (including the emergency gear) ruddlass & ruddches have been

tested under steam with satisfactory results. All decks & shaft tunnel have been tested with low steam & satisfactory.

The Freeboard, which is a condition of class, has been assigned

verified & certificates issued.	
<i>28</i> - 16 18 22	

The approved plans 29 in number, a copy of the Midship Section & Profile & Deck plans as built and 4 forms submitted are forwarded

Herewith, (which is a receipt) for the amount of \$100.00, which is the amount of the loan, and is to be repaid to the bank within six months.

The steelwork in Nos. 1, 2, 3 & 4 holds, is punched for insulation, but no insulation is fitted at present, neither is the substructure work.

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 £	:	:	Fees applied for,
			19

Special Survey Fee. ... £ 411 : 16 : 6
 as per *Circulars* 1307
 Travelling Expenses, if any £ : :
 Received by me, *3.2.10*
 Certificate to be sent to *Middlebro* Date of issue *1.2.10*

State whether the Vessel has been built under Special Survey 2/0 666

I am of opinion this Vessel should be classed 100 A 1 Shelter Deck 76. Cocks.
With, or without Freeboard, as condition of Class with Freeboard
Surveyor to Lloyd's Register of Shipping

Committee's Minute

Character assigned *10001*

Shocks are 6. 1/2

Ariz. Nat. (sem.)

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge 150 ft., Forecastle 47
(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) 2 Decks (steel) & Shelter Deck (steel) ✓

Official No. 145100 ; Signal Letters

State if Machinery is fitted aft No

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 Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	123	362	Fore peak tank,	25.6	173
Double bottom, under Engines and Boilers,	63	287	After peak tank,	14.4	65
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	204.75	736	Other tanks, if fitted,		
	Total capacity of double bottom	1385	(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. 490

Date 10.6.16.

No. 596a in builder's yard.

DATES OF SURVEYS
held while building

1918.
July 2. 15. 19. 24 Aug. 2. 7. 12. 13. 14. 27. 28. 30 Sep. 2. 3. 5. 10. 24. 27 Oct. 4. 8. 14. 17. 22. 24. 28. 31 Nov. 4. 7. 8. 15. 20. 22. 27. 28. 29 Dec. 3. 4. 5. 9. 10
1919
12. 16. 18. 20. 23. 27. 30 Feb. 10. 24 Mar. 3. 5. 7. 17. 18. 24 Apr. 3. 9. 10. 11. 14. 16. 17. 22. 28. 30 May 1. 5. 7. 9. 13. 16. 19. 20. 21. 26 Jun 2. 5. 6. 11. 13. 19. 20
1920
25. 26. 27. 30 July 2. 17. 18. 23. 26. 28. 30. 31 Aug. 1. 5. 7. 11. 25. 27. 29 Sep. 12. 16. 19. 25. 30 Oct. 15. 16. 25 Nov. 3. 12. 14. 20. 24. 26. 27 Dec 2. 17
1921
22. 29. 31 Jan 5. 12. 14. 21. 22. 28. 29. 30 Feb. 3. 4. 14. 12. 15. 17. 19. 23. 25 Mar. 1. 2. 3. 30 Apr. 7. 13. 14. 19. 22. 28 May 7. 12. 22 Jun 1. 18. 28
1921
28 Aug 31 Sep 13. 24 Oct 1. 4. 7. 14. Nov. 4. 9. Dec 21 Jan 18.

Total No. of Visits 16

Surveyor's Signature

J. C. Cockroft Lloyd's Register
Foundation