

	In Ship.		Approved.			In Ship.		Approved.	
	Concrete.	Reinforcement.	Concrete.	Reinforcement.		Concrete.	Reinforcement.	Concrete.	Reinforcement.
BEAMS, Upper <i>Through beams at hatch but only</i>	6" thick 2-1/4" dia rods at top 3-1/2" at base 2-1/2" at heel	Do.	Do.		Second Deck (Material and Thickness)				
Half Beams, Upper Deck	12x3 1/2 2-1/4" dia rods at top + 3-1/2" do. at heel in deck	Do.	Do.		Poop Deck (Material and Thickness)				
Second Deck					Bridge Deck (Material and Thickness)	2 1/2" thick 2 layers of No 24 expanded metal	Do.	Do.	
Half Beams, Second Deck					Forecastle Deck (Mat. and Thickness)				
Poop Deck					W.T. Bulkheads				
Bridge Deck					Number 4	Single slab with 3/4" thick expanded metal 3" between rods	Do.	Do.	
Forecastle Deck					Collision	Double	Do.	Do.	
Girders & Pillars in 'tween Decks					After Peak	Double	Do.	Do.	
Spacing					Other W.T. Bulkheads	Double	Do.	Do.	
Girders in Hold	12x6 12-1/4" dia				Bottom Slab *	3" thick One layer each of No 21 + 24 expanded metal, 5-1/2" dia rods at intervals between each floor	Do.	Do.	
Spacing					Inner bottom Slab *	2 1/2" thick One layer each of No 21 + 24 expanded metal, 5-1/2" dia rods at intervals between each floor	Do.	Do.	
					Side Slabs	2 1/2" thick One layer each of No 21 + 24 expanded metal, 5-1/2" dia rods at intervals between each frame vertically	Do.	Do.	
					Upper Deck Slab (Material and Thickness)	3" thick 2 layers of No 21 expanded metal, 1 1/2" dia rods forward	Do.	Do.	
					(* No 15 Expanded metal corrugated used as spacer between each layer of do.)				
FORGINGS OR CASTINGS.									
KEEL, Bar, depth and thickness					3x1 "Cape" 3x1 "Cape"				
STEM, moulding and thickness					9x3 1/2 x 2 1/2 9x3 1/2 x 2 1/2				
STERN-POST for Rudder do. do.					9x3 1/2 x 2 1/2 9x3 1/2 x 2 1/2				
for Propeller					Chambers & Co. Rudder				
RUDDER—A x D Table 22. Rules for Steel Ships					Speed				
Main-Piece, diameter at head					6" 6"				
" " " at heel					4 1/2" 4 1/2"				
RUDDER, how constructed					Wrought iron rudder stock				
Thickness of Plate—Single Plate					.92				
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 Reinforcement:									
Whitehead Iron & Steel Co & Expanded Metal Co.									
Has the Steel been tested as required by the Rules?									
Yes									
MASTS, SPARS, &c.									
LOWER MASTS...	Fore	Main	Mizen	DIAMETER AND THICKNESS.				ANGLES.	RIVETING.
				At Partners.	Heel.	Hounds.	Head.		
Bowsprit									
Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds									
Sails.									
We certify that the above is a correct description of the several particulars therein given.									
Builder's Signature <i>John ver Meer James Williamson</i>					Surveyor's Signature <i>William H. Brown Harry G. Farrar</i>				
					Surveyor to Lloyd's Register of Shipping.				

EQUIPMENT No.		LETTER		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY RULE.
50435	1st Bower	14 3 7	16 5 2 1/4	14 2 0	14 2 0
50585	2nd "	14 3 0	16 5 2 1/4	14 2 0	14 2 0
	3rd "				
	4th "				
29601	Stream	29 2 7	29 0 0	29 0 0	29 0 0
	Kedge	5 2 10	1 2 6	7 18 1 21	5 0 0
Particulars of Drop Test of Cast Steel Anchors, viz.:—		1st Bower			
Weight, Surveyor's Initials, Number of Certificate, Date of Test.		2nd "			
		3rd "			
		4th "			
CHAIN CABLES.					
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size supplied.	Description.
25234	180 1 1/2 22 3/4	22 3/4	122 3 10 116 2 5	180 1 1/2	Shud Not stated
	Iron Stream (Chain or Steel Wire)				
HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size supplied.	Description.
25234	180 1 1/2 22 3/4	22 3/4	122 3 10 116 2 5	180 1 1/2	Shud Not stated
	Iron Stream (Chain or Steel Wire)				
Boats 2					
Pumps, Number 17					
Windlass is Steam					
Engine Room Skylights. —How constructed? <i>Scuttle</i>					
Coal Bunker Openings. —How constructed? <i>Scuttle</i>					
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 12-4 to each Hatch Opening in counterfort					
Ceiling in Holds, thickness and material 2 1/2" Elm					
Cargo Hatchways. —How formed? <i>Concrete 6" thick + reinforced</i>					
State size No. 1 Hatch (Forward) 28' 3" x 15' 6" No. 2 Hatch 32' 3" x 15' 6" No. 3 Hatch 31' 3" x 15' 6" No. 4 Hatch —					
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 Shifting Beams, 3 Fore + afters to No 2 + 3 Hold,					
Bulwarks, height above deck and description 3-6" Concrete 4" thick at after + fore ends					
Main Rail, material and size 3/8" Steel wire rope					
The foregoing is a correct description.					
Builder's Signature <i>John ver Meer James Williamson</i>					
Surveyor's Signature <i>William H. Brown Harry G. Farrar</i>					
Concrete.—Materials used: Aggregate, Size and Particulars <i>3/4" Aggregate + Sand both from Freshwater</i>					
Portland Cement Brand <i>Luxor B.P.C.M.</i>					
Proportions— 2-1-1 (2-1/2" Ballast, 1 Sand + 1 Portland Cement)					
Test Results of Concrete actually used in Vessel— Average crushing at seven days 3030 lbs. per sq. inch. Size of Cubes 4"x4"					
Percolation at 4 days on a slab size 9'x9'x2' Water penetration <i>None</i>					
Correspondence. —State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)					
23/4/19 to 19/5/19					
Have all the upper and weather decks been tested as required by the Rules for Steel Ships (Sec. 26, par. 20)? <i>Yes</i> State results of tests <i>Satisfactory</i>					
Have all the gutterways been tested as required by the Rules for Steel Ships (Sec. 26, par. 20)? <i>Yes</i> State results of tests <i>Satisfactory</i>					
Workmanship. <i>Materials & Workmanship good.</i>					
The Surveyor should state the Number of Report and Name of any Sister Vessel. <i>"Crested" + "Crested"</i>					
Plans to be forwarded with F.E. Report showing vessel as built.					
The amount of Entry Fee £ 106 16 0					
Special Survey Fee £ 2 2 0					
Travelling Expenses, if any £ 2 2 0					
Fees applied for, 28/7/1919					
Received by me, 30/7/1919					
State whether the Vessel has been built under Special Survey <i>Yes</i>					
I am of opinion this Vessel should be Classed <i>A1. Experimental + subject to Annual Survey</i>					
With or without Freeboard, as condition of Class. <i>Without</i>					
Committee's Minute TUE. 22 JUL. 1919					
Character assigned <i>At Conning, United Kingdom (except West Coast Cork to Bristol) + D.B. 10.</i>					
and Continent from Bristol to Conning					
subject to Annual Survey					
Experimental					
Lloyd's Register of Shipping					
FRI. 4 MAR. 1921					

GENERAL REMARKS—

At the Annual Survey this vessel should be dry docked & the bottom examined & it is recommended the bottom be coated with mineral tar.

Rpt. 4.

Date of writing

No. in St
Reg. Book.

Master

Engines ma
Boilers ma

Registered

Nom. Horse

ENGINE

Dia. of Cyl

the screw

the prop

between the

ners are f

Dia. of Tunn

llars

o. of Feed

o. of Bilge

o. of Don

Engine

A

o. of Bilge

re all the b

re all conn

re they fix

re they eac

that pipes

re all Pip

re the Bilg

the Screw

ILERS

otal Heat

orking I

in each bo

h boiler

allest dist

ickness

g. seams

r centages

e of comp

ngth of p

orking pre

ch of stag

terial of

Total

at sn

ickness

meter of

ch acro

ickness of

rking p

meter

h of riv

8ERH

e of Test

meter of

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 Dth (concrete)

Official No. ; Signal Letters

State if Machinery is fitted aft ☒

If bottom of Vessel has been coated with any waterproofing material, paint, or other composition, give particulars No.

PARATICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water C
Double bottom, aft, <input checked="" type="checkbox"/>			Fore peak tank, <input checked="" type="checkbox"/>	12' 9"	34
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank, <input checked="" type="checkbox"/>	18' 9"	34
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>		
Double bottom, forward, <input checked="" type="checkbox"/>			Other tanks, if fitted, <input checked="" type="checkbox"/>		
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.

Date

No. PD131 in builder's yard.

DATES OF SURVEYS
held while building

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

Total No. of Visits

Surveyor's Signature

Harry C. Farrow