

With or Without
Disconnected Erections.

FERRO-CONCRETE VESSEL.

TYPE 1000 Ton Dumb Barge

(Received at London Office 5. 7. 1919)

Date of completion of report 19th June 1919 Port of London No. 81961
Survey held at Shoreham Date, First Survey April 29th 1918 Last Survey June 2nd 1919
On the (State of Sample, Tonnage or other Survey) CRETESTREAM P.D. 132 Rig ✓

TONNAGE under
Tonnage Deck... 615.66
Do. between Tonnage Dk. }
and 3rd and 4th Dk. }
Tonnage under Upper Dk.
Do. of Poop
Do. of R.Q. Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk. 10.84
Do. of excess of Hatchways 32.49
Do. above Crown of }
... } 658.99
... } 7.88
... } 651.11
... }
... } 52.21
... } 598.90

CLASS A.1. for English Channel & Coasting
Service from Thames to Milford Haven.
Experimental & subject to Annual Survey
Type of Construction Monolithic
Breadth (outside of slabs) 33 ✓
*Depth at middle of length from underside of bottom
slab at keel to top of upper deck slab at side ... } 18 ✓
Ditto " " Bridge " " " -
Length on deck from fore part of stem to after part
of stern post ... } 170 ✓
Proportions—Depths (*) to Length—Upper Deck 9.44 ✓
" " Bridge Deck -
Destined Voyage

Master
Year of appointment { (1) As Master in Service
of owner of present vessel...
(2) As Master of this
vessel...
Built at Shoreham
When built 1918-19 Launched Jan 18th 1919
By whom built Jover Mehr
6 Bowley St. Westminster S.W.
Managers C. S. M. S.
(When necessary to be entered in Reg. Book.)
Residence
Port belonging to London

If Surveyed while Building, Afloat, or in Dry Dock Afloat & Dry Dock

Feet. Inches. BREADTH— 170 2 Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beam 16 3
Do. do. do. do. Second Dk. Beam 3
No. of laid Decks One
n Ship's Register, Length 170' breadth 33'3" depth 16'05" Moulded depth, ft. 18 ins. - Round of Upper { 12 ins.
To Upper Dk. * Dk. Beam, Actual

	In Ship.		Approved.			In Ship.		Approved.	
	Concrete.	Reinforcement.	Concrete.	Reinforcement.		Concrete.	Reinforcement.	Concrete.	Reinforcement.
Sides, Amidships	2 1/2"	2 layers of No. 24 Expanded Metal with No. 15 do. between the layers corrugated as spacer.	Do.	Do.	CENTRE LINE KEELSON				
8' Centres					SIDE KEELSONS				
					Spacing				
midships					No. Each Side				
					BILGE KEELSON				
BOTTOM, Floors	3"	Do.	Do.	Do.	SIDE STRINGERS				
2'8" Centres		lapping up to within 4 1/2" of side keelson where No. 24 Expanded is replaced with No. 21.			Spacing				
					No. Each Side				
CENTRE GIRDER	3"	2 layers of Expanded Metal No. 21, with No. 15 do. corrugated as spacer	Do.	Do.	BILGE CHINE	Outer Slab 5"	15 3/4" dia bars	Do.	Do.
						Inner do. 4"	7- do.	Do.	Do.
SIDE GIRDERS & Margin	3"	Do.	Do.	Do.	UPPER CHINE	2'0"x9"	30-7/8" do	Do.	Do.
No. Each Side including Margin One									
Bilge Stringer	2 1/2"	Do.	Do.	Do.					

1705870-005876-0082 1/2

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.
LOWER MASTS...	Fore.....										
	Main.....										
	Mizen.....										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging , Material and Size, Shrouds											
Sails											
<div style="display: flex; justify-content: space-between;"> ✓ Suit of ✓ Sails, and the following spare sails </div>											
<p>We certify that the above is a correct description of the several particulars therein given.</p> <p> Builder's Signature <i>for John A. Keith James Williamson</i> Surveyor's Signature <i>William H. Dean Harry C. Farr</i> Surveyor to Lloyd's Register of Shipping </p>											

EQUIPMENT NO.				ANCHORS.				LETTER									
Number of Certificate.		Anchors		WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY APPROVED		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
50483 50302		1st Bower 2nd "		14 2 10 14 2 7		16 3 10 do		16 1 1 0 14 2 0		14 2 0 14 2 0		Taylor's do		Wright & Co do		Sept 7-6-18 do 11-5-18	
28361		4th "		29 0 17		29 0 17		29 0 0		29 0 0		Ordinary		Wright & Co		Bradley Heath 17-4-18 Paul.	
Stream		5 1 0		1 1 10		7 11 3 14		5 0 0		5 0 0							
Kedge																	

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.										HAWSERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size supplied.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire.		Length and size supplied.	
25510		180 1 8		22 3/4		122 0 2 1/2		16 2 5 1/2		1 1/2		Steel		Not stated		Bradley Heath 27-7-18 Paul		TOWLINE		HAWSERS & WARPS		TOWLINE	
		180 1 8		22 3/4		122 0 2 1/2		16 2 5 1/2		1 1/2		Steel		Not stated		Bradley Heath 27-7-18 Paul		TOWLINE		HAWSERS & WARPS		TOWLINE	
		180 1 8		22 3/4		122 0 2 1/2		16 2 5 1/2		1 1/2		Steel		Not stated		Bradley Heath 27-7-18 Paul		TOWLINE		HAWSERS & WARPS		TOWLINE	

Boats 2
Pumps, Number 17
Windlass is Steam
Engine Room Skylights. How constructed? Scuttle
Coal Bunker Openings. How constructed? Scuttle
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 12-4 each to Hatch openings in Counterforts
Ceiling in Holds, thickness and material 2 1/2" Elm
Cargo Hatchways. How formed? Concrete 6" thick & reinforced
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 Nos 2 & 3 Holds
Bulwarks, height above deck and description 3'6" Concrete 4" thick at each end.
The foregoing is a correct description.
Builder's Signature (here only) for John W. Keefe James Williamson
Surveyor's Signature William H. Brown Harry C. Carrat
Concrete. Materials used: Aggregate, Size and Particulars 7/16 Aggregate & Sand both from Foreshore
Portland Cement Brand "Sussex" B.P.C.M.
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 2150 lbs. per sq. inch. Size of Cubes 4"x4"
Ditto twenty-eight days 4400 Ditto
Percolation at 4 days on a slab size 9"x9"x2" Water penetration Average 1 1/2"
Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
22/4/19 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)? Yes State results of tests Satisfactory
Have all the gutterways been tested as required by the Rules for Steel Ships (Sec. 26, par. 20)? Yes State results of tests Satisfactory
Workmanship Materials & Workmanship good.
The Surveyor should state the Number of Report and Name of any Sister Vessel. "Contestile" & "Creteshe"
Plans to be forwarded with F.E. Report showing vessel as built.
The amount of Entry Fee £ 106:13:0
Special Survey Fee £ 2:2:0
Travelling Expenses, if any £ 2:2:0
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed A.I. Experimental & Subject to Annual Survey
With, or without Freeboard, as condition of Class Without
Committee's Minute
Character assigned
TUE. 22 JUL. 1919
Coasting, United Kingdom (except West Coast Cork & Portland Fish) and Carriers from Bristol to Swansea
Subject to Annual Survey
Experimental Lloyd's A & B
005870-005876-0082182

GENERAL REMARKS—

At the annual survey this vessel should be dry docked & the bottom examined & it is recommended that the bottom be coated with mineral tar.

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 st (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. ☒

PARATICALS 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 Tons.
Double bottom, aft, <input checked="" type="checkbox"/>			Fore peak tank,	12.9	30
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank,	18.9	30
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 Yes. ☒

Order for Special Survey No.

Date

No. P.D. 132 in builder's yard.

DATES OF SURVEYS held while building

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

Surveyor's Signature William H. Adams

Harry B. Frazer

Lloyd's Register of Shipping