

With or Without  
Disconnected Erections.

FERRO-CONCRETE VESSEL.

WRECK MK

45 Top

TYPE *Dumb Barge*

(Received at London Office *5* 1920)

Date of completion of report *23<sup>rd</sup> January, 1920.* Port of *Grimrock*  
Survey held at *Grimrock* Date, First Survey *11<sup>th</sup> April, 1918;* Last Survey *22<sup>nd</sup> January, 1920.*  
On the *"CRETEHAVEN P.D. 92"* Rig *No. 17599.*

TONNAGE under *655.42*  
Tonnage Deck...  
Do. between Tonnage Dk. and 3<sup>rd</sup> and 4<sup>th</sup> 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. *9.98*  
Do. of excess of Hatchways *39.18*  
Do. above Crown of Engine Room... *✓*  
nage *704.58*  
Space *9.13*  
Crown of Room... *✓*  
FEES... *695.45*  
Room *✓*  
ation Spaces *37.23*  
Tonnage *658.12*  
Beam...

CLASS *A1. For coasting service U.K.*  
*(except West Coast, from Cork to Portland South)*  
*and Continent from Rost to Hamburg. Subject to Annual Survey. Experimental.*  
Type of Construction *Mouchel Humberique.*  
Breadth (outside of slabs) *31 - 6"*  
\*Depth at middle of length from underside of bottom slab at keel to top of upper deck slab at side... *19' 0"*  
Ditto " " Bridge " " " *"*  
Length on deck from fore part of stem to after part of stern post... *180' 0"*  
Proportions—Depths (\*) to Length—Upper Deck  
" " Bridge Deck  
Destined Voyage *Coasting Service, United Kingdom & Continent.*

Master  
Year of appointment *(1) As Master in Service of owner of present vessel... (2) As Master of this vessel... 1920*  
Built at *Grimrock.*  
When built *1919.* Launched *14<sup>th</sup> Aug. 1919.*  
By whom built *The Scottish Concrete Ship Co. Ltd.*  
Managers *Lie Ernest Glover.*  
Residence *London.*  
Port belonging to *London.*

On Deck Rule... *180 0* BREADTH—Feet. Inches. *31 0* DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beam *16 8* No. of laid Decks *One*  
Do. do. do. do. Second Dk. Beam

ns from Ship's Register, Length *180'* breadth *31.5'* depth *16.45'* Moulded depth, ft. *19* ins. *0* To Upper Dk. Round of Upper Dk. Beam, Actual *12* ins.

|                         | In Ship.  |  | Approved. |  |                     | In Ship.      |  | Approved.     |  |
|-------------------------|-----------|--|-----------|--|---------------------|---------------|--|---------------|--|
|                         | Concrete. | Reinforcement  | Concrete. | Reinforcement  |                     | Concrete.     | Reinforcement  | Concrete.     | Reinforcement  |
| S at Sides, Amidships   | 4" x 12"  | Outer 1-1 3/8"<br>Inner 1-1 3/8"<br>1-1 1/4"<br>5/16" links spaced as per approved plans.  | 4" x 12"  | Outer 1-1 3/8"<br>Inner 1-1 3/8"<br>1-1 1/4"<br>5/16" links spaced as per approved plans.  | CENTRE LINE KEELSON | 4" x 29 1/4"  | Top 1-1"<br>Bottom 1-1"<br>1-5/8"<br>1/4" links spaced as per approved plans.        | 4" x 29 1/4"  | Top 1-1"<br>Bottom 1-1"<br>1-5/8"<br>1/4" links spaced as per approved plans.        |
|                         |           |  |           |  | SIDE KEELSONS       | 3" x 12"      | Top 1-1"<br>Bottom 1-1"<br>1-5/8" x 1/4"<br>1/4" links spaced as per approved plans. | 3" x 12"      | Top 1-1"<br>Bottom 1-1"<br>1-5/8" x 1/4"<br>1/4" links spaced as per approved plans. |
|                         |           |  |           |  | Spacing             | 4' 4 1/2"     |  |               |  |
|                         |           |  |           |  | No. Each Side       | Two.          |  |               |  |
| S, Amidships            | 5" x 33"  | Top 2-1 1/2"<br>1-1 1/4"<br>Bottom 1-5/8"<br>2-1 1/8"<br>3/8" links spaced as per approved plans.<br>Lension bars 3/8" diam.<br>6" spacing at junction of bottom and floors. | 5" x 33"  | Top 2-1 1/2"<br>1-1 1/4"<br>Bottom 1-5/8"<br>2-1 1/8"<br>3/8" links spaced as per approved plans.<br>Lension bars 3/8" diam.<br>6" spacing at junction of bottom and floors. | BILGE KEELSON       |               |  |               |  |
| E BOTTOM, Floors        |           |  |           |  | SIDE STRINGERS      | 3" x 6"       | Outer 1-3/4"<br>Inner 1-1"<br>3/16" links spaced as per approved plans.              | 3" x 6"       | Outer 1-3/4"<br>Inner 1-1"<br>3/16" links spaced as per approved plans.              |
|                         |           |  |           |  | Spacing             | 4' 1"         |  |               |  |
|                         |           |  |           |  | No. Each Side       | Three.        |  |               |  |
| E GIRDER                |           |  |           |  | BILGE CHINE         | 18" x 15"     | 8-1"<br>1/4" links spaced as per approved plans.                                     | 18" x 15"     | 8-1"<br>1/4" links spaced as per approved plans.                                     |
| IRDERS & Margin         |           |  |           |  | UPPER CHINE         | 22 1/2" x 20" | 15-1 3/8"<br>1/4" links spaced as per approved plans.                                | 22 1/2" x 20" | 15-1 3/8"<br>1/4" links spaced as per approved plans.                                |
| h Side including Margin |           |  |           |  |                     |               |  |               |  |

W737-0016 1/2







GENERAL REMARKS

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ 5 ft., Forecastle ☒  
(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) *One Reinforced Concrete*

Official No. *143922* : 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 *None*

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

| Where Fitted.                             | *Length.<br>Feet.                   | Water Capacity.<br>Tons.            | Where Fitted.  | *Length.<br>Feet. | Water |
|---|-------------------------------------|-------------------------------------|--|-------------------|-------|
| Double bottom, aft,                       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Fore peak tank,  |                   |       |
| Double bottom, under Engines and Boilers, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | After peak tank,                                       |                   |       |
| Double bottom, if under Engines only,     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Deep tank, aft,  |                   |       |
| Double bottom, if under Boilers only,     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Deep tank, forward,                                    |                   |       |
| Double bottom, forward,                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Other tanks, if fitted, <i>A/C. Feed tank.</i>         |                   |       |
| Total capacity of double bottom           |                                     | <input checked="" type="checkbox"/> | (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 *See Lt.*  
*3.5.18.*  
Date *21.12.17.*  
No. *2* in builder's yard.

DATES OF SURVEYS held while building  
*(1918) Apr. 11. 23. 30. May. 2. 9. 14. 16. 24. 27. June. 4. 10. 11. 12. 17. 28. July. 20. 26. Aug. 7. 20. Sept. 3. 19. Oct. 11. 18. 20. 29. Dec. 12. 19. 20. (1919) Jan. 6. 8. 14. 23. 24. Feb. 3. 4. 6. 7. 10. 17. 18. 21. 24. 28. Mar. 3. 5. 12. 17. 20. 31. Apr. 3. 4. 8. 11. 15. 18. 23. 24. 25. 28. 29. May. 13. 15. 16. 19. 21. 23. 31. June. 2. 4. 5. 6. 9. 10. 17. 20. 25. 27. 30. July. 23. 24. Aug. 4. 6. 7. 8. 11. 12. 13. 14. 15. 20. 25. 28. 29. Sept. 4. 5. 10. 12. 15. 18. 19. 22. 26. Oct. 14. 16. 24. Nov. 5. 6. 7. 10. 14. 18. 25. 28. Dec. 1. 2. 8. 9. 12. 15. 16. 17. 18. 19. 22. 24. 25. 26. 29. 30. (1920) Jan. 9. 10. 12. 13. 14. 15. 16. 20. 21. 22. -*

Total No. of Visits *1*

Surveyor's Signature *James E. Gibney*