

With or Without
Disconnected Erections.

STEEL STEAMER.

SAT. AUG 31 1912

Received at London Office

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

Date of completion of report
Survey held at *Antwerp*

Port of *Antwerp*
Date, First Survey *Oct. 21, 1911*

No. *9884*
Last Survey *July 28, 1912*

On the (State if Single, Twin, or Triple Screw)

Single Screw Barge

Rig *Schooner*

1912

TONNAGE under Tonnage Deck

CLASS *100 A. 1.*

FERT.

Master

Year of appointment

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded)

21.50

Built at *Bacrodre*

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side

9.45

When built *1912* Launched *March 28th 1912*

Do. of Poop

Transverse Number

31.25

By whom built *Van Damme & Sires & Adams*

Do. of Bridge House

Length on deck from fore part of stem to after part of stern post

120.0

Owners *Kepe Steamship Lignite Corp*

Do. of Forecastle

Longitudinal Number

3450.0

Managers *7. Constant*

Do. of excess of Hatchways

Depth "d," at middle of length (See Secs. 2 & 13)

8.49

Residence *London*

Do. above Crown of Engine Room

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

12.3

Port belonging to *London*

Gross Tonnage

" " Long Bridge Deck Beam at side to top of keel

273.52

Destined Voyage

Less Crew Space

" " " "

273.52

If Surveyed while Building, Afloat, or in Dry Dock

Less above Crown of Engine Room

Register Tonnage as cut on Beam

129.02

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

LENGTH on Deck as per Rule

BREADTH—Moulded

120 0

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams

Feet. Inches.

Feet. Inches.

21 6

Feet. Inches.

Dimensions of Ship per Register, Length

breadth

120 21.65

depth

FRAMING.

FRAMING, Angles, on E or L Bars amidships

3 3/8 2 3/8 32 3 3/8 2 3/8 28

PILLARS.

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " " " " "

PILLARS, In 'tween Deck, size and spacing

at intermdt. Bkts.

Spacing of Frames from centre to centre amidships

21 " 21

" " Hold at Hatch Ends, 3 1/2"

from 1/2 length to Collision bulkhead

in peaks

2 1/2 2 1/2 28 2 1/2 2 1/2 26

Quarter 'tween Dks., " "

REVERSED FRAME, Angles

Do. in way of Double Bottoms at Solid Floors

2 1/2 2 1/2 28 2 1/2 2 1/2 26

" " in Hold " "

at intermdt. Bkts.

FRAMING, depth of girder

3 3/8 3 3/8

KEELSONS & STRINGERS.

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

1 1/2 x 26 1 1/2 x 26

CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate

in way of Engine and Boiler Spaces

thickness at the ends of vessel

E.S. 30 B.S. 36 E.S. 30 B.S. 36

" Rider Plate

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

26 26

" Flat Plate Keel Angles

straight across section

FRAMES

23 23

" Horizontal Plates on Floors

state if flanged (top & bottom)

Spacing of Solid floors

4 3/4 3 3/8 40 4 3/4 3 3/8 40

" Angles or Bulb Angles

BRACKETS at intermdt. frmg., width & thickness

Height of Outside Brackets above at bilge

4 3/4 3 3/8 40 4 3/4 3 3/8 40

" Angle or Bulb Angles

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake

in Engine and Boiler space

4 3/4 3 3/8 40 4 3/4 3 3/8 40

" Plate above floors, for length

Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Intercoastal Plate, for full length

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Attached to outside Plating with Angle

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Bilge KEELSON, Angles

BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Intercoastal Plate for length

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Attached to outside Plating with Angle

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" SIDE STRINGERS, Number

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Angle

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Intercoastal Plate, for length

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Attached to outside plating with Angle

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" Upper Deck Stringer Plate, br'dth & thickness (clear of Frame)

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " br'dth & thickness (in way of Frame)

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Angle (clear of Bridge)

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Tie Plate at sides of Hatchways

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Deck, * Iron or Steel, for full lng.

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Thickness (clear of Bridge)

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " (in way of Bridge)

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Wood Deck. Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Second Deck Stringer Plate, br'dth & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Angles on ditto, No.

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Tie Plates outside Hatchways

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Deck, * Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Wood Deck. Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Third Deck Stringer Plate, br'dth & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Angles on ditto, No.

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Tie Plates outside Hatchways

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Deck, * Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Wood Deck. Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Fourth and Fifth Deck Stringer Plate, breadth & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Angles on ditto, No.

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Tie Plates outside Hatchways

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Deck, * Material & thickness

Angles on upper edge

Spacing

2 1/2 2 1/2 28 2 1/2 2 1/2 21

" " " " Wood Deck. Material & thickness

[illegible]

EQUIPMENT No.						LETTER						ANCHORS.						TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchors.		WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.						
	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.	lbs.										
	1st Bower ...																						
	2nd "																						
	3rd "																						
	4th "																						
	Collective weight ..																						
	Stream																						
	Kedge.....																						

CHAIN CABLES.												HAWSERS AND WARPS.											
Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory.	WEIGHT OF CHAIN CABLE Supplied.		Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.									
	Fathoms.	Inches.		Owts.	qrs.						lbs.	Fathoms.			Inches.	Fathoms.	Inches.						

Boats Two **Steering Gear, Steam** ✓ **Steering Gear, Hand** Efficient

Pumps, Number Three **Diameter of Barrel** 4" **State whether they are in efficient working order** Yes.

Windlass is Steam by Emerson Walker & Thompson Bros. **Capstan** ✓

Engine Room Skylights.—How constructed? Oak What arrangements for deadlights in bad weather? Brass guards.

Coal Bunker Openings.—How constructed? Plating and angles How are lids secured? With cleats & battens Height above deck? 12"

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** 3 Scuppers aside, and 3 freeing ports aside 2'-3" x 1'-0"

Ceiling in Holds, thickness and material. 2" W.P. **Cargo Battens,** thickness and material. 1 3/4" W.P.

Cargo Hatchways.—How formed? Plating and angles **Hatches,** If strong and efficient? Yes.

State size No. 1 Hatch (Forward). 12-3 x 12-0 **No. 2 Hatch** 29-9 x 12-0 **No. 3 Hatch** ✓ **No. 4 Hatch** ✓

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch One web plate in No. 1 Hatch with 3 fore and afters, and two web plates in No. 2 with 3 fore and afters **No. of Breasthooks** One **No. of Crutches** deep floors.

Bulwarks, height above deck and description. 39" Stal plating 26 Main Rail, material and size Patent Section 6 1/2

The foregoing is a correct description. PR VAN DAMME FRERES & ADAM Surveyor's Signature Normand McLelland.
Builder's Signature (here only) Glasgow City Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
11. Sept 12th, 13, August 22, 25, Sept 16 Date 23rd 1911. Jan'y 19th 1912.

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

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.)
The workmanship throughout is good.

This cargo has been built in accordance with the approved plans, the Secretary's Letters of the above date and in general conformity with the rules for the Class Contemplated.

Four approved plans and two certificates are forwarded herewith.

This is a Sister vessel to the same Builders Yard No 356 building Antwerp Report No 9885

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee \$50.50 : Fees applied for,
Special Survey Fee.... \$315.00 : July 16th 1912
Tonnage Expenses, if any \$0.00 : Received by me, July 22nd 1912
Date of issue 24/10/12
Certificate to be sent to Consular Atk. exco to Christchurch

State whether the Vessel has been built under Special Survey built under Special Survey
In opinion this Vessel should be Classed +100 A.1. on completion
With, or without Freeboard, as condition of Class without

Committee's Minute
Character assigned
FRI OCT 25 1912
Lloyd's R.C.O. + L.M.B.G.B.
W.
Normand McLelland. E.J. Wilcox
Surveyor to Lloyd's Register of British and Foreign Shipping.
FRI JAN -3 1913
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Lloyd's Register Foundation

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.0 ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 21.45 ft. (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 it should appear in the Register Book) 1 Stk (Stl)

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

How are the surfaces preserved from oxidation? Inside 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 No double bottom.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(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. Fore peak? Yes.

Order for Special Survey No. 43

Date Sept. 22nd 1911

No. 355 in builder's yard.

DATE OF SURVEYS
held while building

1911—Oct. 21, Nov. 28—1912—Jan. 11, 16, 23. Feb. 14, March 1, 2, 7, 13, 20, 30, April 1, 15
May 7, June 6, 17, July 24

Total No. of Visits 18

Surveyor's Signature Norman McClelland.