

With or Without Disconnected Erections.

STEEL STEAMER.

JUN. 1919

Received at London Office

Date of completion of report
Survey held at

31/5/19
Glasgow

State if Report is also sent on the Machinery of the Vessel Yes
Port of Glasgow
Date, First Survey 28/12/18
Last Survey 23 May 1919

No. 384/18

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

S. S. "HELVETIER" EX "WAR TWEED" Rig Schooner

TONNAGE under

CLASS *100 A.1.

FEET.

Master *Pierre Cappey*

Tonnage Deck

Breadth (greatest moulded) 36

Year of appointment

Do. between Tonnage Dk. and 1st Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side 21.25

Built at Glasgow

Total under Upper Dk. 1312.60

Transverse Number 57.25

When built 1919 Launched 17.4.19

Do. of Poop

Length on deck from fore part of stem to after part of stern post 240

By whom built Lloyd Royal Belge (St. Brabant)

Do. of R.Q. Dk.

Longitudinal Number 13740

Owners Lloyd Royal Belge, Societe Anonyme

Do. of Forecastle 29.12

Depth "d," at middle of length (See Secs. 2 & 13) 18.42

Managers do

Do. of Houses on Dk. 49.87

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.29

Residence Antwerp

Do. of excess of Hatchways 34.29

Do. above Crown of Engine Room 52.07

Port belonging to Antwerp

Gross Tonnage 1480.97

Less Crew Space 57.06

Destined Voyage Cardiff to load If Surveyed while Building, Afloat, or in Dry Dock Yes

Less above Crown of Engine Room 52.07

Room 583.38

No. of Decks with flat laid one

TONNAGE FOR FEES 1371.84

ion Spaces 57.2

No. of Tiers of Beams one

Room 583.38

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WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

BULKHEADS. Number, Thickness, Horizontal Spacing, Vertical Spacing, Single or Double Frames, Height up, state deck.

FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN POST for Rudder do. do. for Propeller. RUDDER-A x D* Table 22. Speed. Main Piece, diameter at head. at heel.

RUDDER, how constructed. Forged frame & single plate. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?

PLATING. STRAKES. AS IN SHIP. FORWARD. AFT. PER RULE OR AS APPROVED. EDGES. BUTTS.

RIVETING. BUTTS. RIVETS. STRAPS. IF LAPPED.

MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails, and the following spare sails.

EQUIPMENT No. 14256-69 LETTER P ANCHORS. TONNAGE U. 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.

29312 1st Bower. 31 1 14. 29 13 0 14. 30 2 0. Green's Ruck. John Green. 18/1/18. Paul.

29313 2nd. 28 2 10. 27 11 2 14. 30 2 0. do. do. do. do.

29314 3rd. 27 2 10. 26 16 3 14. 26 0 0. do. do. do. do.

29479 4th. 87 2 6. 87 0 0. Ordinary. John Green. 3/1/18. Paul.

29480 Kedge. 4 1 14. 1 0 10. 6 15 0 0. 4 1 0. do. do. do. do.

Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower. 17. 3. 2. C.E.P. 832. 11/7/18.

2nd. 17. 1. 14. D.D.W. 1618. 14/5/18.

3rd. 16. 3. 22. D.D.W. 1619. 14/5/18.

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate. Length and size supplied. Test per certificate. Weight of Chain Cable. 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. Length and size per Table 31.

25619 210 1 1/2. 66 2 286 1 1/2. 317 1 1/2. 240 1 5/8. Steel Link. John Green. 3/1/18. Paul.

26617 30 1 1/2. 110 1 1/2. 110 1 1/2. 110 1 1/2. do. not stated. do. 7/3/19. do.

Boats. 2 lifeboats and 1 dinghy. Steering Gear, Steam. Ashie & Co. Steering Gear, Hand. Donkin.

Pumps. Number 1 in chain locker. Diameter of Barrel. 2. State whether they are in efficient working order. Yes.

Windlass is by Clarke Chapman & Co. Captain.

Engine Room Skylights. How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Folding flaps.

Coal Bunker Openings. How constructed? Steel plates & angles. How are lids secured? Chain tarpaulings. Height above deck? 2 1/2 x 9.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 7 Scuppers each side; 6 freeing ports each side 43 x 18.

Ceiling in Holds, thickness and material. Over bridge 2 1/2 x 4. Cargo Battsens, thickness and material. 6 x 2 x 4. P.

Cargo Hatchways. How formed? Steel plates and angles. Hatches, if strong and efficient? Yes.

State size No. 1 Hatch (Forward) 22' 6" x 16' 0". No. 2 Hatch 27' 0" x 20' 0". No. 3 Hatch 24' 9" x 20' 0". No. 4 Hatch 22' 6" x 16' 0".

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Four webs in each hatch; 16 fore and afters.

No. of Breasthooks. Two. No. of Crutches. deep floor.

Bulwarks, height above deck and description. 3' 9" steel plates. Main Rail, material and size. Steel built angle 6 x 3 x 40.

The foregoing is a correct description of the vessel. Lloyd Royal Belge (Great Britain). Surveyor's Signature. George Nicol. H.M. Paton.

Builder's Signature (here only). James Brown. 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).

The Secretary's Letters of various dates.

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

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 facing surfaces? Yes.

Do any rivets break into or through the seams or butts of the plating? A few.

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 good.

This vessel is built in accordance with the approved plans, the Secretary's Letters of various dates and generally in conformity with the Rules for the class contemplated.

2 plans herewith, also 3 forging reports.

This vessel is a sister ship to the same builders N. 8 vessel S. S. "LOMBARDIER" EX "WARTAY" see Glasgow Rept N. 38676, and to the S. S. "WAR CLYDE" see Glasgow Rept N. 38244.

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. P.T.O.

The amount of Entry Fee. 3-6-1919. Received by me, 28.6.19. 30.

State whether the Vessel has been built under Special Survey. Yes.

We are of opinion this Vessel should be Classed. 100 A.I.

With, or without Flagboard, as condition of Class. Without.

Committee's Minute. GLASGOW 3 JUN 1919.

Character assigned. 100 A.I.

5.19. Lloyd's A.T.C.P.

+ L.M.C. 5.19.

George Nicol. H.M. Paton. Surveyor to Lloyd's Register of Shipping.

MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails, and the following spare sails.

GENERAL REMARKS—(continued).

Vessel stated to have sustained damage the bulwark plating &c, at after end whilst lying moored at Merklands Wharf, Glasgow, through being run into by the S/s Cremona. The damage was permanently repaired as follows:—viz:—1 bulwark plate renewed, 1 length bulwark rail and a portion of the knuckle fender failed in place. After fairlead and seat removed for access afterwards refitted.

GN.

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 5.75 ft., Forecastle 22.4 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 in the Register Book) 1 deck (STE)
Official No. ☒; Signal Letters ☒ State if Machinery is fitted aft ☒ No
How are the surfaces preserved from oxidation? Inside Paint and 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,	67.5	94	Fore peak tank,	17.5	84
Double bottom, under Engines and Boilers,	18.0	37	After peak tank,	12.0	60
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	96.75	166	Other tanks, if fitted,		
	Total capacity of double bottom	297	(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. 5150

Date 2. 4. 18.

No. 9 in builder's yard.

DATES OF SURVEYS held while building

1917 Dec 28. 1918 Jan 24. 28. 29. Feb 4. 6. 19. Mar 5. 8. 27. Apr 4. 5. 24. 29. May 1. 27. 28. 29. 31. June 4. 6. 18. 21. 28. July 5. 10. Aug 14. Sept 24. Oct 4. 11. 25. 30. Nov 25. Dec 6. 11. 16. 25. 1919 Jan 9. 13. 23. Feb 5. 21. Mar 5. 10. 14. 18. 21. 24. 25. 27. Apr 2. 3. 8. 10. 12. 15. 16. 17. May 19. 19. 20. 22. 23.

Surveyor's Signature George Nicol Lloyd H.M. Paton

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