

REPORT of SURVEY for REPAIRS, &c.

Special. No. 101.

No. in Reg. Book. No. 101. Survey held at Philadelphia Date, first Survey April 15th Last Survey April 15th 1878

On the Iron Screw Steam Ship, "Holland" Master, H. B. B.

TONNAGE under Tonnage Deck 2059
Ditto of Spar Deck, or Awaiting Deck
Ditto of Poop

Built at New Castle.

When built 1873

Owners International, S. C. Port belonging to Antwerp.

Residence Philadelphia

By whom built Palmer's Co. Destined Voyage Antwerp, Belgium

Surveyed Afloat & in Dry Dock of Messrs. Wm. Brown & Sons.

of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft. Years assigned. Character in Register Book.

Survey, No. 10136 Port of Hibernia April 15th 1878

RS, OR EXAMINATION AS PER RULE August 1878 and Circulars 373 & 385,

for continuation,

vessel placed in Dry Dock, and the bottom thoroughly scraped and washed with water through hose pipes, and the keel, bottom, propellers, stern bush, and outside fastenings of all the sea connections carefully examined, hold and coal bunkers, cleaned, removed manhole covers from water ballast tanks, removed ceiling and examined both surfaces of outside plating, also cement on bottom, cylinder head of the pressure cylinder head removed, found piston, cylinder and packing very good, springs in good order, heads removed from surface condenser, found tubes and packing in good order. Examined main & secondary boiler, found workmen engaged in removing and renewing portions of plates in combustion chamber, behind bridge walls. a small portion (over)

Condition of the

Good

Treenails

Iron Ship

Windlass and Capstan

Good

ays

do

Breasthooks and Stemson

good

Pumps

do

Deck Beams & Fastenings

do

Transoms, Pointers, and Crutches

do

Boats 7 One repaired do

Deck Beams & Fastenings

do

Timbers of the Frame at the openings

do

Masts, Yards, &c. by rigging found

Wheers

do

Ditto Ditto at other places

Condition, how ascertained

Strakes

do

Keelsons

good

Sails Complete, good

les

do

Clamps and Shells

do

Anchors No. of 3 of 5521 lb. do

(Bottom) and Counter

do

Ceiling

do

Cables 2 of 2 inches 50 fathoms each

Room Skylights

good

Coal Bunker, Openings, Lids, &c. good Scuppers good Cargo and Main Hatchways good Hatches good

Observations, Opinion as to Class, &c.

This vessel is now in a good and efficient

state of repairs, fit for the conveyance of Cabin and Steerage Passengers, and of dry and perishable goods to and from all parts of the world, and in my opinion merits the favorable consideration of the Committee to be continued, 100 A 1.

Amount of Entry Fee ... £5 : 00 : 00 received by me,

Special ... £19 : 00 : 00 187

Certificate (if required) ... £2 : 00 : 00

(Travelling Expenses, if any, £ ... £24 : 05 : 00)

Committee's Minute

Character assigned

7th May. 1878.

100A
D.W.S. S. S. H. 78

Wm. B. B.

Ship and Engineer

Surveyor to Lloyd's Register of British and Foreign Shipping.



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of plates in three of the furnaces of main Boiler, Upon last Survey found boilers in good and serviceable condition,

Examined Crank Shafts and their Journals, and found them sound and in good condition, Found that the arrangements of Coals pipes and Valves, in all parts of the vessel opening to the sea, were in good order and arranged so as not to admit water being run into the vessel by carelessness or neglect, Examined Scupper pipes and Valves and found some of these Valves (between decks) with the leather packings much worn, had these renewed, Found one of Propeller blades loose, which was properly repaired, Found washer under bearing on outboard end of propeller shaft wanted away, was replaced with a new one,

Examined all deck pumps and had their brass buckets repaired, Overhauled patent iron Windlass and found it in good order, as also the Capstans,

The Chain Cables removed from lockers and stowed on bottom of dock, and length, size, and condition ascertained, and with anchors and general equipment found sufficient and in good order as per Rules,

Repacked main life covers on ballast tanks and had them filled with water to the height of load line. Found them in good order and efficient,

Found 12 plating bolts on Starboard and 10 on Port sides of vessel, (on different struts) that had at some time previously been caulked or fullered ~~in~~ to the extent of nearly half the thickness of plates in parts, but the bolts and nut straps perfectly tight, had recesses filled with cement and three coats of paint were applied to each last one in greenish tint,

All the repairs necessary have been done in a satisfactory manner,

Wm. A. Smith
Ship & Engineer Surveyor

The Machinery of this vessel has been examined at Long No 1 in accordance with the Rules and reported to be in good condition. All the plates she is eligible to remain as cleared

7578
MD



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