by DeSamaler & Co. cost $3,900.

Ri Nettle,--screw steam-launch. 1

Sig. Letters, G. V. M. K.

(Built in New York in 1878. Tonnage 18.)

1878. 1882. "Built in New York in 1878, and was thoroughly repaired in 1882. She is now employed (Feb'y 2, 1883) in the 5th L.H. District and can run (8) eight knots an hour in smooth water. Her frame is of oak fastened with copper and iron; is 58' long; 9' 10½" beam; 4' hold; painted black; cabin 11' 6" long; draws 3' 9" aft light and 4' 6" when loaded. She has a double engine of 24 horse power in good order; has a Scotch tubular iron boiler and consumes 150 pounds of coal an hour in moderate steaming."

1879. The steam-launch Nettle has been changed from high to low pressure, and has done service in Key West Harbor and at American Shoal. She is in good condition, and will prove valuable in the erection of the new light at American Shoal. 7th & 8th Dists.

1881 The steam-launch Nettle did work in Lake Pontchartrain, and was sent north for work in another light-house district. Do. do.

1883 *Nettle.*—This launch was engaged on the construction of the new Bloody Point Bar light-house, and on the improvements at Point Look-out, towing material for the construction or repair of other light-houses, waiting upon the working party at Lazaretto depot, and in assisting the tender Jessamine, in the North Carolina sounds, where her light draught enabled her to approach much nearer to the stations in shallow water. 5th Dist.

1884. *The Nettle.*—This steam-launch was engaged during the year in connection with the work at Sandy Point, Craney Island, and Craighill Channel rear beacon stations. In the repairs of the North Carolina stations she was of especial service, owing to her light draught. She assisted in the transportation of the stone for the protection of Bloody Point Bar light-house, and carried the workmen and material for the repairs of Leading Point light-house. Repairs were made to her condensing machinery, rudder, shaft, stern, bearing and condensing apparatus, decking and joiner work, and to her shaft box. Do. do.

An. Rep. 1885. *Nettle.*—This steam-launch was used during the year in connection with much of the work in progress. She assisted in the repairs made at Seven-Foot Knoll, Turkey Point, Old Point Comfort, and Hawkins's Point light-stations, and in the construction of the keeper's dwelling at Fort Washington. In January, February, and March she was laid up for repairs, when a new boiler was put in and her engine and woodwork were repaired. Do. do.

An. Rep. 1886. 5th Dist.

The Nettle.—This steam-launch was employed in connection with the work at Roanoke River light-station, in aiding the tender in transporting material and workmen between Baltimore and the New Cut-Off range light-station, and in attendance on the working party at the Lazaretto depot. During February, March, and April thorough and much-needed repairs were made to the hull, boiler, and machinery and upper works. She is now in good order.

An. Rep. 1887. Do. do.

The Nettle.—This steam-launch has shown her usefulness during the year in connection with the work at Old Plantation Flats, Roanoke River and Croatan light-stations. The cost of her maintenance is small and her services are of much value in transporting workmen and material, bringing mail, towing scows, and the like. Her light draught enables her to run where the *Jessamine* is unable to go. While engaged at Roanoke River light-station she was disabled by the breaking of her propeller from contact with a sunken log. She was provided with a new screw, and is now in excellent order.

An. Rep. 1888. Do. do.

The Nettle.—This steam-launch was employed as an auxiliary in the work at Croatan and Harbor Island and the repairs of fourteen light-stations. Her keel condenser was repaired and she was partly repainted and some slight repairs were made to her boiler and machinery. She is in good condition.

An. Rep. 1889. Do. do.

The Nettle.—This steam-launch assisted in the repairs made at Long Point and other North Carolina stations, and at Turkey Point and Craighill Channel Rear Beacon light-stations, Maryland. While returning from Currituck Beach light-station she struck a submerged snag in Currituck Sound, causing a leak, which was subsequently repaired. In October and November small repairs were made to her condenser, boiler, smoke-stack, rudder, and chain, and in March she was supplied with a new engine, and repairs were made to the boiler, wood-work, and metal sheathing. She is in good condition.

1890 Do. do.

The Nettle.—This steam-launch was of assistance in the construction of the light-houses built, both on the work at the depot and at the sites. She also assisted in the repairs made at the light-stations in North Carolina and at Seven-Foot Knoll, Craighill Channel, Hawkins's Point, and Leading Point, Maryland. Extensive repairs and alterations were made in January and February, comprising a new stern-post; new stem; sponsons on each side; new deck, frames, and beams; new house sills, sheer strakes, samson's-posts and fenders; new plank sheer, stanchions and rail; new rail and boiler chocks; new waist from stem to after chocks; sky-light over the steam-drum and remodeling of pilot-house. Repairs were also made to the boiler and machinery in July and February. She steamed about 4,015 miles, and consumed 70 tons of coal during the year. She is in excellent condition.

1891. *The Nettle.*—This steam launch was transferred to the third light-house district on July 22, 1890. 3d Dist.

1891 *The Nettle.*—Some repairs were made to the boiler and hull of this steam launch. She was mostly employed on repairs in Lake Champlain and Hudson River. During the year she ran 3,460 miles and consumed 41 tons of coal. Do. do

1892 *The Nettle.*—Ordinary repairs were made to the tiller-box and hull of this steam launch. She was mostly employed on repairs in Lake Champlain and Hudson River. During the year she ran some 2,477 miles and consumed about 23 tons of coal. Do. do.

1893. *Launch Nettle.*—Minor repairs were made to this launch. She was usefully employed in Lake Champlain, the Hudson River, and in carrying workmen and light freight about New York Bay and Harbor. During the year she ran about 2,995 miles, with a consumption of some 53 tons of coal. Do. do,

1894 *Launch Nettle.*—A new boiler was put in this steam launch and a few smaller repairs were made. She was usefully employed in Lake Champlain, the Hudson River, and in carrying workmen and light freight about New York Bay and Harbor. During the year she ran about 2,995 miles with a consumption of some 54 tons of coal. Do. do,

1895 *The Nettle.*—This wooden steam screw launch was usefully employed in Lake Champlain, the Hudson River, and in carrying workmen and light freight about New York Bay and Harbor. During the year she has run about 2,193 miles, with a consumption of 47.4 tons of coal.

1896 *Steam launch Nettle.*—This vessel was laid up 10 days for repair. She was employed on works of repair and construction on Lake Champlain and Long Island Sound, and in the transportation of workmen, material, and light freight about New York Harbor and vicinity. She is specially useful in connection with the construction and repair of stations in Lake Champlain which the larger tenders can not reach. During the year she has steamed some 3,737 miles with a consumption of about 68 tons of coal.

1897 *Steam launch Nettle.*—During the year the hull of this vessel, from keel to sponsons, was sheathed with 1½-inch yellow pine planking, and 2 new bilge keelsons were furnished and fitted, her boiler was patched, and 51 new tubes were fitted, the engines were overhauled, repairs were made to the deck house, hull, gratings, rail, and awnings, the pilot house was enlarged and railing fitted, and the vessel scraped and painted throughout. She is occasionally used in the transportation of workmen and material for repairs to stations in New York Bay and Harbor, in the receipt and shipment of stores and freight, and is particularly useful in the work of inspection and repairs in the Whitehall Narrows and Lake Champlain. During the year she steamed about 1,425 miles with a consumption of some 19 tons of coal.

1898

Steam launch Nettle.—This wooden screw steam launch was built in 1878, and is of 18 tons burden. She did good work in connection with the inspection, repairs, and construction in New York Bay and adjacent waters; the receipt, shipment, and delivery of freight, stores, and material. She is particularly useful in the works of inspection and repairs in Whitehall Narrows and Lake Champlain. The following-named repairs were made: A new condenser, new steering chain from pilot house to tiller, and two new tubes in boiler were furnished and fitted; two stay bolts were put in; the back of the boiler was recalked; a hatchway was cut to connect the pilot house with the storeroom; the engine was overhauled and repaired; the deck was calked; the deck and deck houses, hull, and propeller were scraped and painted; the interior woodwork was painted and varnished. During the year she has steamed 1,999 miles and consumed 86,440 pounds of coal.

1899

Steam launch Nettle.—This wooden screw steam launch was built in 1878, and is of 18 tons burden. The following named articles were furnished and repairs were made to this vessel: A regulation fog-signal and side lights were furnished, a new four-blade propeller with accessories was put on, and eight tobin bronze holding-down bolts were furnished and fitted; iron bolts in the flange of the sea cock were replaced with composition bolts; an iron tiller was made and fitted; the boiler was overhauled, patched, and calked; the engine and shaft were lined up and repaired, etc.; the water-closet and pilot house were enlarged; additional berths were placed in the cabin; a bunk was built in engine room; railing was refitted; the galley was repaired; the hold was cleaned, and the vessel was painted throughout and prepared for the working season. During a part of September and the entire month of October, 1898, she was engaged in inspection and repair in the Hudson River, Whitehall Narrows, and Lake Champlain. The remainder of the year she was employed in similar work in New York Bay and adjacent waters, rendering excellent service, where a larger vessel could be neither economically nor advantageously employed, if at all. In the performance of these duties she has steamed some 2,863 miles during 541 hours, with a consumption of about 44 tons of coal; an average of about 161.9 pounds for each hour's steaming.

1900

Nettle.—This wooden, screw steam launch was built in 1878 and is of about 22 tons gross burden. Some 51 new tubes were put into the boiler and 4 rivets in stiffening rings fitted; the boiler was scaled, the back connections were calked, two new hand-hole plates and new bridge walls were fitted. From August 22 to September 9 she was engaged in inspection and repair in the Hudson River, Whitehall Narrows, and Lake Champlain, and occasionally, up to December 14, in duties in New York Bay and adjacent waters, where a larger vessel could be neither economically nor advantageously used, if at all. In the performance of these duties she steamed about 410 hours, making, say, 2,612 miles, with a consumption of about 50 tons of coal, an average of 271.6 pounds for each hour of steaming.

On December 14, 1899, she went out of commission, her boiler being in bad condition. On March 2, 1900, two bids, respectively $1,240 and $1,925, to furnish new boiler and water tanks, were received in response to proposals invited by Board authority of February 1, 1900. On June 5 the vessel was taken to a dock to receive her boiler and tanks. With these installed, as her hull is in good condition, she will be a useful boat. It is proposed to place her in commission, with a permanent crew, for service on the lake and rivers, where she will be used in freighting and other lighter though important duties of

the district in this vicinity, for which duties she is so well adapted by her light draft and small size.

1901

Steam launch Nettle.—This wooden screw steam launch was built in 1878, and is of 18 tons net burden. A boiler and tanks and an air and boiler feed pump were furnished and fitted; the boiler was covered, and the following-named repairs were made: The crank shaft was strengthened; new crank-pin brasses were fitted; the engine was lined up; the condenser was overhauled and tested; the stern bearings were removed, rebushed with lignum-vitæ, and refitted; 2 composition bolts and 2 lag screws were fitted in the rudder post to replace old iron ones, and the propeller was refastened. She was generally overhauled and refitted, and is now in good condition. With the exception of the time occupied in these repairs, etc., she was employed in the general work of repairs, inspection, and maintenance of lights, signals, etc., in New York Bay and adjacent waters, and in Long Island Sound as far east as New London, at points and in places where a larger vessel could neither economically nor advantageously be employed, and in the receipt and shipment of freight, stores, apparatus, etc., for this and other districts. In the performance of these duties she steamed some 375 hours and 2,402 miles, with a consumption of about 63 tons of coal, being an average of 376.3 pounds for each hour of steaming.

1902

Nettle.—This wooden screw steamer was built in 1878 and is of 18 tons burden. Repairs were made to her hull and machinery. Her pilot house and the upper works were repaired by the depot force. She was employed in the general work of repairs, inspection and maintenance of lights, signals, and other aids in New York Bay and adjacent waters, Lake Champlain, and in Long Island Sound as far east as New London, at points and in places where a larger vessel could neither economically nor advantageously be employed, and in the receipt and shipment of freight, stores, apparatus, etc., of this and other districts. In the performance of these duties she steamed some 703 hours, 4,866 miles, with a consumption of about 115 tons of coal, an average of 549.9 pounds for each hour of steaming.

1903
Sec. Ivy

Nettle.—This wooden screw steamer was built in 1878, and is of 18 tons burden. Various repairs were made. She was employed in making repairs, inspection and maintenance of lights, signals, and other aids in New York Bay and adjacent waters, Lake Champlain, and in Long Island Sound as far east as New London, and at points and in places where a larger vessel could neither economically nor advantageously be employed, and in the receipt and shipment of freight, stores, apparatus, etc., of this and other districts. She steamed about 740 hours, making 5,280 miles, with a consumption of about 123 tons of coal; an average of 372.10 pounds for each hour of steaming.

1904

Nettle.—This wooden screw steamer was built in 1878 and is of 18 tons burden. She was actively employed in the general work of repairs, inspection of lights, signals, etc., in New York Bay and adjacent waters, Lake Champlain, and in Long Island Sound as far east as New London, at points and in places where a larger vessel could neither economically or advantageously be employed, and in the receipt and shipment of freight, stores, apparatus, etc., of this and other districts. In the performance of these duties she steamed 778 hours, 5,225 miles, with a consumption of 95 tons of coal, an average of 273.5 pounds for each hour of steaming.

1905

Nettle.—This wooden screw steamer was built in 1878 and is of 18 tons burden. She was employed in the general work of repairs, inspection, and maintenance of lights, signals, and other aids in New York Bay and adjacent waters, Lake Champlain, and in Long Island Sound as far east as New London; at points and in places where a larger vessel could be employed neither economically or advantageously, and in the receipt and shipment of freight, stores, apparatus, etc., of this and other districts. In the performance of these duties she steamed about 791 hours and some 4,902 miles, with a consumption of 96 tons of coal, an average of 272.6 pounds for each hour of steaming. She received needed fitments, supplies, and repairs.

1906

Nettle.—This wooden screw steamer was built in 1878, and is of 18 tons burden. She was employed in general work of repair, inspection, maintenance of lights, signals, and other aids in New York Bay and adjacent water, and in Long Island Sound as far east as New London, at points and in places where a larger vessel could neither economically or advantageously be employed, and in the shipment and receipt of freight, stores, apparatus, etc., of this and other districts. The tender was also engaged 100 days on Lake Champlain, transporting workmen and material. In the performance of these duties she steamed about 977 hours, 6,391 miles, with a consumption of some 130 tons of coal, an average of about 298.80 pounds for each hour of steaming.

1907

Nettle.—This wooden screw steamer was built in 1878, and is of 18 tons burden. She was employed in the general work of repairs, inspection and maintenance of lights, signals, and other aids in New York Bay and adjacent water, and in Long Island Sound as far east as New London, at points and often in places where a larger vessel could not go, and in the shipment and receipt of stores, apparatus, etc., of this and other districts. She was also engaged 51 days on Lake Champlain in transporting workmen and material. In the performance of these duties she steamed some 675 hours and 4,779 miles, with a consumption of about 111 tons of coal. She received needed repairs, fitments, and supplies.

1896 *Float for gas tanks.*—This vessel is kept for conveying gas tanks to and from the Romer beacon in New York Lower Bay. She is old and worm-eaten, but has lately received such repair as will make her last another year.

1897 *Float for gas tanks.*—This vessel is kept for conveying gas tanks to and from the Romer Shoal Beacon in New York Lower Bay. She has been repaired, and is now in good order.

Nettle propeller steam-launch, built in N.Y., in 1878, by Delamater & Co., cost ~~$4000~~ $3,900, paid from appro. Fowey Rocks.
Authority of Secty of Treasy, Apr. 13, 1878,
Additional expenses coppering $200.
" condenser 400.
1st trial trip July 31, '78.
Last trial trip, Sept. 11, '78, after a 4-bladed screw with "Delamater" shape of blade.

Nettle—steam launch.
Vol. 443, p. 261.
" 471, pp. 184, 189, 230, 238, 239, 337, 338.
" 452, pp. 125, 247, 289, 306, 364.
" 459, pp. 367, 368,

$4,000. Fowey R
Coppering 200.
Condenser 400.
4-bladed screw with "Delamater" shape of blade.
trial trip Sept. 11, 78.