

[Continued from the First Page.]

The total area of paddle surface in one wheel, taking the length of a pair of half paddles at 10 feet, was 320 square feet...

Each vessel has one inclined and direct acting engine. The cylinder of the Winscott is 28 inches diameter, and its piston has a stroke of 8 feet 9 inches.

THE CYLINDERS.—The cylinder of the Winscott is 28 inches diameter, and its piston has a stroke of 8 feet 9 inches.

The space occupied in the Winscott by the machinery and coal is 75 feet 3 inches long, by 12 feet 9 inches deep...

The weight of the machinery of the Winscott, exclusive of the water in the boilers, is 541,718 pounds, and inclusive of the water, 625,918 pounds.

The distribution of the weight of the Winscott's machinery was so faulty that when the vessel was fully stowed for sea...

THE REQUIREMENTS TO BE CONTINUALLY TRIMMED.—This additional weight of 73 tons required to be continually trimmed as the coal was used from the bunkers.

THE PRINCIPAL DIMENSIONS OF EACH VESSEL.—The following are the principal dimensions of each vessel, the greatest transverse section, and the displacement corresponding to their draught...

ON COMMENCING THE TRIAL IN LONG ISLAND SOUND, the vessels started abreast Execution Rock Light-house, after having steamed from the Brooklyn Navy Yard to that point.

THE POINT at which the steam valve of the Winscott closed and cut off the admission of steam to the cylinder, measured on the main cross-head guides, was 5 feet 4 inches from the commencement of the piston on the lower stroke.

THE CONTRACT FOR THE MACHINERY OF THE "ALGOQUIN."—The following are the guarantees of the contract for the machinery of the Algonquin, and it was the object of the trial at the wharf and on Long Island Sound to ascertain if they were fulfilled, and if not, to what extent they were deficient.

First.—That the material, workmanship, detail and finish shall be first class. Second.—That the whole performance shall be of such a character as to demonstrate the satisfactory character, practical efficiency and durability of the machinery.

Third.—That the variations from specifications—those of the machinery of the Winscott, heretofore attached to the contract for machinery of the Algonquin, and those of this contract, are to be in the dimensions and arrangements of the cylinder, and such parts as are thereby affected, in the design of the valve gear, and in the type and arrangement of the boilers, and also the surface character of these components.

Fourth.—That if, on completion of the machinery, and a careful trial thereof by such persons as shall be directed by the Secretary of War, it shall be found by them that its performance, either in amount of power developed or in the cost, pro rata, of that power in coal, is less than that of the machinery described in the attached specifications—the specifications for the Winscott's machinery—they the said party of the first part (the contractor for the Algonquin's machinery), will remove it, and replace it at their own cost with the machinery described in the attached specifications.

of the first part, who will make their own working drawings, and arrange and proportion the details of the said machinery in such manner as they shall deem best calculated to secure the most successful operation.

THE FIRST AND SECOND PART NOT FULFILLED.—With regard to the first and second of the above guarantees, we have to say that, in our opinion, they have not been fulfilled.

THE MACHINERY OF THE "WINSOTT" DEFECTIVE.—The machinery of the Winscott has worked in the most perfect manner throughout, and its performance in every particular leaves nothing to be desired for efficiency in a paddle-wheel steamer of this class.

THE THIRD GUARANTEE OF THE "ALGOQUIN" CONTRACT ALSO A FAILURE.—With regard to the third guarantee, we find that the machinery of the Algonquin is superior to that of the Winscott.

With regard to the fourth guarantee, we find that the machinery of the Algonquin developed only 54.28 per centum of the power developed by the Winscott's machinery.

At twelve o'clock the Senators and the Judges of the Supreme Court entered, preceded by Chief Justice Chase, and many officers of the army and others followed.

At a meeting of the American Institute, Tuesday evening, the newly-elected President, Hon. Horace Greeley, having been introduced by Mr. Dudley S. Gregory, Vice-President of the Institute...

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AMUSEMENTS.

THE LAST OF THE GERMAN OPERA.—The pleasure with which the coming season of opera is looked forward to would be appreciated, were every one called on to imagine the countermanding of all operatic advertisements, and the statement that the season was indefinitely postponed.

THE GRATORIO OF "ELIJAH."—The oratorio of Elijah, as we have previously announced, is to be repeated at the Academy to-morrow evening.

NEW CHERNUT STREET THEATRE.—The houses are crowded, especially the galleries. The galleries are especially in pieces in the style of The Ice Witch, with sparkling scenery, blue, green, and red fire, and a most indomitable champion who fights and conquers all sorts of morales and immortals.

WALNUT STREET THEATRE.—Mr. Clarke and comedy. A large house will be sure to greet him this evening, the grand holiday of the country.

ARCH STREET THEATRE.—Sam has made a great hit. Mrs. Crease being suddenly indisposed, her part was taken at a few moments' notice by Mrs. Hunt, who filled it in a way to do great credit to her memory and her ability.

ANOTHER SHELLETS EXPLOSION.—The shells have proved much more destructive of life to our citizens since their permanent settlement in our lots and walls, than when they were being hurled into town by General Grant's guns.

FOURTH EDITION WASHINGTON. CELEBRATION OF THE DAY CONGRESS. HOUSE OF REPRESENTATIVES.

Memorial Services in Honor of Henry Winter Davis.

WASHINGTON, February 22. Before 11 o'clock the galleries were crowded, in anticipation of the memorial exercises in honor of the memory of the late Hon. Henry Winter Davis.

A fine portrait of the honored dead peered through the folds of the National banner, above the Speaker's desk, and many officers of the army and others followed.

Ladies and Gentlemen.—The duty has been devolved on me of introducing to you the friend and fellow-member of the National Monument Association, who has kindly consented to be present at this hour with the machinery of the Algonquin was 19.58 per centum more than that with the machinery of the Winscott, taking that of the latter for unity.

At a meeting of the Academy of Medicine last evening, the subject of cholera was discussed. Papers were read by Dr. Nutting and Gransom.

Mass Meeting to Sustain the President's Policy—The National Monument—Speech of the President.

WASHINGTON, February 22.—A large political meeting is in progress at Grover's Theatre, in favor of the President's policy.

The National Monument Society held their anniversary to-day. President Johnson presided, and made a few remarks, alluding to Washington's Farewell Address as containing principles by which he sought to be guided, and expressing the hope that all the States would continue their contributions to the structure to be completed as an enduring memorial to the restoration of all the States to their proper relations to the General Government.

The Maine Legislature.

AUGUSTA, Maine, February 22.—The Legislature of the State has passed a bill relating to the hawks and peddlers, which permits citizens of other States to sell goods by sample, by taking out a license, putting them on the same footing with citizens of Maine.

Rosenberg's "New York Bay."

This picture has been, for some weeks, on exhibition at the Derby Gallery, and has attracted a great deal of attention. The artist, Mr. C. G. Rosenberg, is quite extensively known as a poet, art, dramatic, and musical critic, and is a general favorite in all of his specialties.

WE UNDERSTAND that the work is to be engraved and reproduced in the form of a chromo lithograph. The picture, it strikes us, is capably adapted for its purpose. The scene is not only attractive for its natural beauties, but because of the interest and relation to the great importation of the Western hemisphere give it much additional interest in the eyes of our citizens.

OUR NEW YORK LETTER.

The Celebration—General Grant—Endorsing the President—Commercial Matters, Stocks, Business, Etc.—American Institute—Decline in Coal, Etc.—Special Correspondence of The Evening Telegraph.

Washington's birthday is to be celebrated here in splendid style. Drums and wind instruments are already lending the air with martial tones, and many private business places are closed, and residents are waiting in honor of the Washington.

Lieutenant-General Grant, accompanied by his wife and his personal staff, arrived in this city at an early hour yesterday morning, and is now stopping at the Metropolitan Hotel. During the day, on the occasion of his previous visit, he was besieged with visitors. In the evening, accompanied by his staff, he partook of a private banquet at the Union Club. To-day he is the guest of the Union League.

At a meeting of the American Institute, Tuesday evening, the newly-elected President, Hon. Horace Greeley, having been introduced by Mr. Dudley S. Gregory, Vice-President of the Institute, addressed the meeting at some length, and advised among other things that the Institute take measures for the erection of a suitable edifice wherein to hold a perpetual fair.

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DRY GOODS.

LARGE LINEN SALE AT MILLIKEN'S, No. 828 ARCH STREET. Just opened, direct from Europe, the following BARGAINS IN TABLE LINENS.

MILLIKEN'S LINEN STORE, 118th Street, No. 828 ARCH STREET. THOMAS SIMPSON'S SONS, No. 922 and 924 PINE STREET.

SPLENDID BLANKETS—From \$5 per pair up to \$10. Also a full assortment of Crib and Cradle Blankets, at low prices.

WHITE GOODS. A full assortment of all the widths in Nursery Diapers. Also a full assortment of all the widths in Nursery Diapers.

GEORGE D. WISHAM, No. 7 N. EIGHTH STREET. Will Open on Monday, Feb. 19. A COMPLETE ASSORTMENT OF PLAIN AND FIGURED PEACOCKS.

HYDE'S PATENT AROMA SAVING AND CONDENSING COFFEE BROWNER, FOR HOTELS, GROCERS, HOSPITALS, Military Barracks, and all other establishments using quantities of Coffee.

HYDE'S PATENT AROMA SAVING AND CONDENSING FAMILY COFFEE BROWNER, On the same principle, being in the form of a STOVE COVER, will suit any STOVE OR RANGE.

REVENUE STAMPS, REVENUE STAMPS, Of all descriptions, Of all descriptions.

DRY GOODS.

113 PRICE & WOOD, 113 N. NINTH STREET, ABOVE ARCH. Have just opened 500 doz. Linen Towels. Huckaback Towels, wide red border, 23 cents, up to \$1.

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