

SHAMROCK III.

The Challenger is Nearly Ready for Launching.

No Attempt to Copy Herreshoff's System of Framing--Steel Tubular Spars to Be Used.

NEW YORK, Feb. 28.—The Shamrock III is now nearly ready to be put in the water.

The Yachting World of February 12 says that the work has progressed so satisfactorily that only some of the interior work is all that has to be done to the yacht. When the Shamrock III was built the work had to be rushed in order to have the yacht ready for the time set for launching. With the new challenger there is ample time to see that all the joints and rivets are properly set. The yachting world says:

"There has been no attempt to copy the Herreshoff system of longitudinal framing. Shamrock III is framed in the same style as the composite racing yachts of recent build. The only notable difference is that her timbers—if the word can be fairly applied to frames of angle steel—are noticeably lighter than use in a first-class racer, and are spaced rather closer than usual.

The pull of the immense spars and wide area of sail calls of course for some special strengthening to keep the whole shell-like hull in shape when hard pressed, and this is supplied in the form of steel straps and ties brought up from the edge of the keel plates and led up diagonally, some of them to the timbering of the top sides and others being brought close under the steel angle which takes the place of the covering board. In the neighborhood of the chain plates, where the chief pull of the rigging will come those straps are exceptionally heavy, and placed close enough to form a perfect web.

Similar care has been necessary to strengthen the step of the mast and the casing under the deck which will fit it as a collar. The step has been built up so solid from the heavy timbers, and the collar under the deck is bolted to the deck beams and further held in position by a number of heavy stays, which come with a good deal of spread from the collar to near the bottom turn of the timbering. The

hull plating plays a comparatively unimportant part in the strengthening of the ship. The lower plates are moderately heavy but the plating of the top sides is so thin as to leave it a matter for wonder how the countersunk heads of the rivets got their bed. The strength of the hull is, however, amply provided in the framing, and the only work asked of the plates is to keep the water out.

In all the cup racers the spars have been features of special interest by reason of their gigantic size, and the ingenious methods employed to secure the requisite strength with the absolute minimum of weight.

The Spars of Shamrock III will be no exception to the rule, and considerable progress has already been made with the work of construction. In the matter of size, they will not break any records, for the main spars of Shamrock I and Shamrock II were both designed to carry more sail than will be put upon the new challenger. In design and workmanship, however, it is believed that of Shamrock III will mark a splendid improvement.

It is hardly necessary to say that the main spars will be of metal, and built in tubular fashion. The mainmast, on which a considerable amount of work has already been done, follows the lead set by the Watson challenger after her catastrophe, and is mainmast and topmast in one. This is a plan which has been found to avoid the weight and windage of the overlap of the running topmast of the ordinary type and to avoid the weight and complication of the telescoping gear. The gaff is also a steel tube of moderate dimensions, latticed inside with a zig-zag arrangement of light angle steel which should add immensely to the strength of the spar at a comparatively trifling cost of weight.

In the metal boom the same plan will be adopted and there is a good deal of quiet confidence as to the ability of these spars to take any ordinary strain.

GENERAL NEWS.

Germany has over 10,000 authors.

The attendance at the Crystal Palace Automobile Show in one week amounted to 122,000, as compared with 62,000 at last year's exhibition.

Indiana labor unions will endeavor to have a barber's license bill passed at the present session of State Legislature, requiring every barber to be regularly examined and licensed by a state examination board of barbers.

Cardinal Vaughan's new bishop auxiliary, the Hon. and Rt. Rev. Algon Stanley, is the brother of the Countess of Carlisle, who is well known in the sphere of English philanthropy. His elder brother is Lord Stanley of Alderley.

The New Orleans Picayune loving cup, which is annually awarded through the New Orleans Progressive Union for the most meritorious public benefaction in the city during the year, has been given for 1902 to Isadore Newman, sr., & Sons, because of his donation of a manual training school to the Jewish Orphan's Home.

Among the many hobbies of United States Senator George F. Hoar are his fondness for trolley trips and dime novels. The senator's favorite time for reading hair-raising publications is while travelling, and he declares he gets keen enjoyment out of the plots and impossible characters.

Hiram Smith, an aged inmate of the poorhouse at Corning, N. Y., has fallen heir to \$50,000 through the death of a great-aunt in New York. Once he was a prosperous farmer. On the advice of a friend he made an investment, which turned out badly. Then he signed notes and lost title to his property. He was forced to give up the homestead which had been in the family for generations. Now with his new fortune Smith says he will purchase the old estate and make his home there.

As a bridal party left the home of Mrs. Phoebe Myerowitz, East Tenth street, New York, Saturday night, for the synagogue, where she was married to a Mr. Corn, a joyous party showered rice on her and her bridesmaids. Somebody, however, on the roof of a house threw a brick, which landed on the head of Mrs. Dora Samuels, of No. 355 East Tenth street. A Bellevue surgeon dressed the wound, which he said was not serious. Mrs. Samuels was taken home and later died, when it was found she had a compound fracture of the skull. The police are looking for the brick-thrower.

After a lapse of ninety-one years the United States Government is to be asked to pay to the heirs of Daniel Winters's prize money for services rendered during the war of 1812. At the request of John Winters, of Jersey City, who is seventy-three years old, grandson of Daniel Winters, Congressman Allan L. McDermott will introduce a bill for the payment of the claim. The service performed by Daniel Winters, according to his grandson was the saving of the privateer Gov. Tompkins, when that vessel was forced to flee after an attack by British men of war. Winters was at the wheel and remained at his post and piloted the ship to safety.

Marshall Field, the merchant prince of Chicago, who has offered to give \$10,000,000 for the erection of a marble palace for a museum in that city, is 68 years of age, and looks vigorous and youthful as a man of 50. He began his business life without a cent, and got his first start by driving a pedlar's wagon down through Central Illinois. He succeeded because he always played fair with his customers. His mercantile life in Chicago began before the war, in partnership with Mr. Leiter, the father of Lady Curzon, the wife of the Viceroy of India. It is said that Mr. Field does all his business on a strictly cash basis, and that he never owned a share of stock for speculative purposes. He does not borrow money nor is there a dollar mortgage on his large estate.

Perhaps the most novel musical event on record was the telephone band concert attended by all Hawaii a few weeks ago. The Territorial Band, leader Capt. Berger, went to Hilo on its annual visit. The band ordinarily is stationed at Honolulu, and was to return there in a week. The Hawaiians were wild over the music, and requests for the band poured in from all over the island. A joking remark of an acquaintance about playing into the phonograph, gave Capt. Berger the idea of the telephone concert. The telephone company gave enthusiastic co-operation, getting their instruments in shape, notifying subscribers, etc. and from 2 to 4 of a Sunday afternoon business communication was suspended through all its exchanges. Fully 800 phones were included in the system. The band played in the city of Hilo a gigantic trumpet receiver connecting with a special switch-board being placed close to the performers. The arrangement worked perfectly and not a complaint was received. The concert was literally heard all over the island.

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THE GUARDS SCANDAL.

The Subject Will Not be Allowed to Rest Yet.

NEW YORK, March, 1.—A special cable to the Herald from London says: "It now seems that the Guard's affair is not to be allowed to rest. Despite the frantic efforts to have the matter dropped, Mr. Pirrie has announced his intention of bringing in a resolution in the House of Commons in about a fortnight, which is to deal with the 'many recent cases of officers removed from the army or placed on the half pay list.' A member of parliament tells me that this will include Colonel Kinloch's case, and big developments are expected.

"It is now reported that the King, while supporting Earl Roberts in his determination to exterminate hazing, feels very kindly toward Col. Kinloch, whom he regards as a victim of tradition inasmuch as he only closed his eyes as did his predecessors. It would not be surprising if Colonel Kinloch were given some post in His Majesty's household.

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