

Some Are Too Badly Damaged, but Others Will Make Fine Additions to Our Navy

The naval authorities are now confronted with a most important problem, namely, how to raise the ships sunk at Manila har-bor by the gun's of Dewey's fleet so that they can be added to the force of fighting ships of the United States.

ships of the United States. Some are so badly damaged that they will be useless as warships and may as well be left where they lie, but if the United States can raise those that are not too badly dam-aged to float again it will be well worth the effort. To build new ships is a long as well as a costly undertaking. To raise them from the bottom of Manila bay, and patch then up ready for service is comparatively quick as well as economical. The problem takes on additional importance from the fact that Admiral Cervera's vessels may soon be rest-

Admiral Cervera's vessels may soon be rest-ing on the bottom of the harbor at Santiago, and these too will make valuable additions to our navy. But how is the work to be done? Chief Constructor Phillip Hichborn done? Chief Constructor Phillip Hichborn of the United States navy has come to the front in this emergency. Below the well known naval expert will give his ideas on the subject, as well as some highly import-ant and interesting .facts. Chief Con-structor Hichborn will go to Manila and survey the wrecks of Spanish hopes now lying beneath the waters there. On his re-

brief outline of his career: "I was born at Charlestown, Mass., in My ancestors contributed to the sinews of colonial independence—Deborah Hichborn being the mother of Paul Revere. "At 21, having graduated from the Boston high school, and, by direction of the navy IDEAS department received a course of special

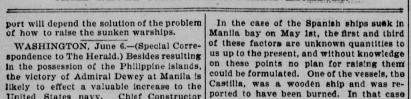
instruction in ship construction, calculation and design, supplementary to five years' tuition as shipwright's apprentice at the Boston navy yard, I sailed from Boston for California in 1860, and that tempestuous voyage of 150 days gave me an insight into needs of nautical life which has been of inestimable value ever since.

"Two years' service at the navy yard, Mare island, carried me from a humble position in the construction department of that station to master shipwright at the age of 23, in which capacity I was often called upon to assume the control of the department in the absence of the naval construc

Through Chief Constructor Hichborn and



CHIEF NAVAL CONSTRUCTOR PHILIP HICHBORN



are the Don Antonio de Ulioa and the Don Juan de Austria, rated as third-class unpro-tected cruisers, 210 feet long, 32 feet beam, and of 1130 tons displacement. They are of an earlier type, built at Carrace and Carta-gena, from '83 to '87, but would probably 'It will be some time before information ''It will be to sink pontoons or casks, provided with ''It will be some time before a attachment to the sunken craft. ''It will be some time before information ''It will be to sink pontoons or casks, provided with '''It will be some time before a the before information ''It will be to sink pontoons or casks, provided with '''It will be to sink pontoons or casks, provided with ''''It will be to sink pontoons or casks, provided with ''''' to will be to sink pontoons or casks, provided with the to sink pontoons or casks, provided with the ton the town the towe at regarding the condition of these Spanish means for attachment to the sunken craft.

are the Don Antonio de Ulloa and the Don injuries to the exterior hull could then be

ships is available," said the chief construc-tor, "so that it is impossible to speak defin-itely as to the probability of raising them." A sufficient volume of these must be pro-itely as to the probability of raising them." A sufficient volume of these must be pro-itely as to the probability of raising them."

was too brave, of course, to do anything

'Midst bursting shells and the blood y carnage of battle the men of the U nited States ambulance ship will with indifference to personal danger carry out the noble work. A tug is shown above transferring the wounded from a battleship to the ambulance ship Solace now?' I heard one of the girls ask a young tion and make way to his wife, and since

difficulty building contracts, exclusively the top off of a schooner.

nd Mrs. Neill live morning, gets breakfast ready, which she repairs to her daily toil, the balance of the household wor young 16-year-old daughter. Mr. contented with working at the la seldom visits the office. Mrs. N born in Scotland in 1853, of hard-Darents. Twenty years acc. acc. born in Scotland in 1855, of nard-work parents. Twenty years ago, soon a her marriage, she moved to this coul and settled in Orange. Since that t she has been accumulating the fortune now enjoys.—New York Journal.

Dewey's Boyhood Mrs. Helen Redfield Lord of 5446 Carnell avenue was a schoolmate of Admiral Dewey and her brother, the late William Redfield, was one of his most intimate friends. Mrs. Lord, now that the friend of their childhood has become world famous, recalls' with pleasure many of the earlier incidents of his life. The Dewey homestead at Montpelier, Vt., was not far from that of the Redfields, and Dr. Dewey, father of the admiral, was for many years their family physician.

and Dr. Dewey, father of the admiral, was for many years their family physician. "The Dewey homestead has recently been sold and moved," said Mrs. Lord. "On the site of the oid home now stands a hand-some modern brick residence, erected and occupied by Edward Dewey. Dr. Dewey was married three times, but the four chil-dren, George, Edward, Charles, and a daughter, were all children of his first wife. George was a bright boy, full of fun and lively as any of them, but kind-hearted and liked by every one. I remember once his getting a whipping at school, but that was not an unusual thing in those days, and he was no exception to the rest of us. He has learned, it appears, how to fight and how was no exception to the rest of us. He has learned, it appears, how to fight and how to command, but I remember that it was not the easiest thing for him to learn to spell. I went above him in the class one day by spelling 'baker' after he had missed. "George Dewey left Montpeller when he was very young, and I have not seen him for twantr Veers but the ploture sublished as

twenty years, but the pictures published of him show that he has changed very little. He was never much of a boy for sports or athletics, nor was my brother, but they used to go hunting together often. He was not strong as a boy, and is the smallest of the family."-Chicago Inter Ocean.

### Dogs for Army Service

An officer of the German army says each company therein has a collie, or dog of similar breed, trained to find wounded sol-diers on the field and convey intelligence of their whereabouts to the hospital corps. The dog carries a metallic case attached to his neck, containing a pad and pencil, bran-dy and other restoratives. If the soldier be not too severely wounded he writes his name on the paper, which is returned to the case. Perhaps he sips the brandy-or bolts it! The dog hastens for help, and ho who might have been lost to his comrades forever is rescued.

# Erie Canal Traffic

The Erie canal, on account of its situation and length, of course, transports the great-est amount of freight. On this canal, which is owned and kept up by New York state, the boats, which are worth from \$2000 to \$3000 each, are owned entirely by the canal-men. The cabins of some of the boats on this canal are comfortably, almost luxuri-ously furnished. One canalman, who is known to be worth over \$100,000, lives with his family on one of his boats, the cabin of which is furnished with taste, and has every convenience and comfort which mon-ey can purchase.

#### **Ducking for Crying Babies**

Alaskan babies are rubbed with oil, tightly rolled in a skin or blanket padded with

United States navy. Chief Constructor Hichborn of the naval department is of the nothing can be done. The Spanish flagship. Hichborn of the naval department is of the opinion that the sunken Spanish ships that Reina Christina, is a ship of about 3500 tons went down before the fierce broadsides of and is reported to have been extensively the American fleet can be made to float damaged by the explosion of her magazine again, and, fitted with American guns, and If that report be true it will probably be manned by American sailors, add their strength to the fighting forces that sail under the transfer of the remaining ships in the under the stars and stripes. If Chief Con- fleet, the two most valuable are the Isla de structor Hichborn says this can be done, it Cuba and the Isla de Luzon. They are sisis a foregone conclusion that it is possible ter ships and modern vessels, built in Elsof accomplishment, for the chief constructor is a man who speaks with the confidence is a man who speaks with the confidence born of a thorough practical acquaintance would be classed as gunboats. They are

with the work before him. It is as well to begin the story of the atment. These boats, if not extensively injured, as seems probable, can be raised and tempt to raise the sunken Spanish ships restored, provided that they lie in not more with something of the man who will investigate the difficulties in the way and make other vessels of the fleet, also sister ships report accordingly.

SHIEL COMPANICHEOUN' C' B' M'

Navy Department, Bureau of Construction, and Repair, Washington D. C.

I have to say that it will be some, time before information is available as to the condition of the Spanish ships in Manila Bay and as to the practicability of raising and repairing them. A Naval Constructor will be on his way there in a few days, and until his investigation is completed and. report made, little will be known as to the possibility of utilizing the sunken Spanish vessels.

Very truly yours, Adelp Hickborns. Facsimile of the First and Only Signed Statement From a High Official on Raising Montijo's Ships

first operation, in any case, would be to send down divers to make an examination Some of the smaller ships of the fleet would and report their condition. In case the in-juries should not e be extensive, screws quis del Duero, a small iron gunboat of 500 would be moored on each side of the wreck, as it lies, with lifting apparatus of sufficient tons displacement and 23 years old. A complete list of the Spanish fleet at Mapower to raise the immersed weight. The nila is here appended: Displacement, Speed. tons. knots. Battery. 1-Reina Christina...... 8,520 17.5 6--6.2-inch breech loading rifles.
2-2.7-inch breech loading rifles.
3-2.2-inch rapid fire guns.
2-1.5-inch rapid fire guns. ..... ....: .... .... .... .... -3-pounder rapid fire guns. 200 feet long, 30 feet beam, 1030 tons displace-5-torpedo tubes. 4-5.9-inch breech loading rifles. . 3.342 14.0 2-Castilla ..... .... 2-4.7-inch breech loading rifles. 2-3.3-inch breech loading rifles. .... .... .... than ten to fifteen fathoms of water. Two 1-2.9-inch rapid fire guns. -rapid fire guns. .... .... 2-torpedo tubes. 3-5.9-Inch guns. 3-Velasco ..... 1,152 14.3 -2.7-inch guns 2—machine guns. 4—4.7-inch guns. 2—2.7-inch guns. 4-Don Antonio de Ulloa..... 1,130 14.0 .... 2-rapid fire guns. 5-machine guns. .... .... 5-Don Juan de Austria...... 1,130 14.0 2-2.7-inch guns. 2-rapid fire guns .... .... .... .... machine guns. 2-torpedo tubes. 3-4.7-inch breech loading rifles. 6-El Cano...... 524 11.0 -rapid fire guns. .... .... .... -machine guns. .... 1—torpedo tube. 1—6.2-inch muzzle loader. 2—4.7-inch smoothbores. 7-Marquis del Duero...... 500 10.0 .... .... 4—4.7-inch rapid fire guns.
4—6.7-inch rapid fire guns.
4—6.7-ounder rapid fire guns.
2—3-pounder rapid fire guns.
2—machine guns. 8-Isla de Cuba..... 1,030 ' 16.0 .... .... .... .... 3-torpedo tubes.
4-4.7-inch rapid fire guns.
4-6-pounder rapid fire guns.
2-3-pounder rapid fire guns. 9-Isla de Luzon..... 1,030 16.0 .... .... .... .... 2-machine guns. .... a-torpedo tubes.
2-4.7-inch rapid fire guns.
1-3.5-inch rapid fire; 2 rapid fire guns. 10-General Lezo..... 524 11.0

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also around the hotels in numbers, and they "I spent a couple of weeks down at Fort were the calm recipients of the adulation of Monroe last week," said a war department official, "and, on the whole, there were mo-had the civilians completely faded, so far ments when I felt rather sorry that I didn't as their complete capture of the swell girls accept a commission in the regular army were concerned. The civilians could only the owner of the business. Up to six years that was offered to me after the war. I di- hover around on the outskirts and look ago her husband, James Neill, conducted vided my evening between the two big ho- chagrined. I observed that the young army tels at Old Point, and it certainly was officers have got a new pose with the wo-enough to make a mere civilian envious to men. They don't assume the swash-buck- Mr. Neill. were making over the artillery officers of tude any more. Instead, they act scared see the tremendous tuss and to-do the girls ler, eat-my-weight-in-Gatling-guns atti-were making over the artillery officers of Fort Monroe, young and old. The hotel drawing rohms and supper rooms were swarming with the young fellows with the be bombarded by the Spanish ships right ly agreed to step out of the financial posi-

1-machine: 2 torpedo tubes.

Several methods might be employed for surface, or as nearly as possible on an even courageous."-Washington Post. raising these vessels depending upon the keel. The wreck can then be towed into unknown quantities heretofore noted. The shallow water and operations for complet-HAIR NETS ARE IN AGAIN

Necessary To Keep the Athletic Girl's Locks From Coming Loose

Some thirty-five years or so ago milady's hair was so arranged that a net for confin-ing it was necessary. When the fashion changed the net disappeared, and no one ever expected to see a revival. But the upto-date athletic girl moves her head vio lently, as well as her body, and an hour of exercise is more than likely to shake her tresses loose. Therefore the hair net has een revived for the purpose of keeping the Psyche knot in shape. Thus, after nearly half a century of disuse, and though thought to be permanently out of fashion the hair net is coming in again. In merely masculine eyes, this may not seem important, and many men have probably never noticed the nets that are now being worn. But to womenkind it is a matter of great interest, for the new fashion has arisen suddenly, and it is quite radical. It come over from Paris, and is really a part and nortion of the feminine athletic tendency of these times. Perhaps it may even mean the death of the present elaborate backhair pins. In any event, it will follow that fewer of these hair pins are to be used, for the coming of the net signifies that the hair pin of today, as applied to the back hair of the modern girl, has been a good deal of a failure and can no longer be depended upon. It was all very well when girls walked and moved quietly. Then hair pins could do their work. But now the athletic girl has constant fear that her hair is "coming unlone." and hence the hair net .- Chicage Chronicle.

## SHE WON A FORTUNE

#### Mrs. Neill Saved Her Husband From Ruin

At the head of one of the largest manufactories in Orange, N. J., is a woman. Few people, aside from those who have usiness dealings at the factory, know of the fact.

In the heart of the manufacturing district in that city is Neill's extensive moulding and planing mill. The plant

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covers nearly an acre of ground and the building is a three-story frame and brick. The employes at this mill know of no dull times. The spikes are always well filled with orders and the big saws are kept busy grinding out builders' fixings the year around. All this is due to the energy and executive ability of Mrs. Rachel Neill, ago her husband, James Neill, conducted the business, but a fire partly destroyed

Mrs. Neill came to her husband's aid and

IDOL-FOR THE LADIES, BUT MEAT FOR OUR CAVALEY

| red stripes down their trousers' legs, and I venture to say there were five pretty girls

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Only for Soldiers

ENVY OF CIVILIAN Pretty Girls at Ft. Monroe Have Eyes for every one of 'em. The older officers were