

PINNACLE ROCKS ARE MENACE TO TRADE BY WATER

Federal Department Discards Sounding for Dragging System to Root Up Obstacles.

ARE DIFFICULT TO LOCATE

A Pinnacle Rock is Like an Undersea Dagger to a Ship—Legal Importance of Having Dangerous Rocks Charted Cannot Be Overestimated.

Washington.—If an aviator flew over New York some dark night, plumb for the Woolworth tower with an ordinary sounding line, he'd have just as much chance of locating the building as the hydrographic experts of the department of commerce have in locating pinnacle rocks from ten to thirty feet under the surface of the water by using the same method. Accordingly, the department is no longer "sounding" for pinnacle rocks; it is "dragging" for them.

Pinnacle rocks are one of the gravest menaces to navigation that exist in the coastal waters of the United States. New England has the most abundant crop of any locality and the coast of that section is probably the hardest to chart of any American coast. With the new "drag" method in operation, however, charting of pinnacle rocks is becoming an easy matter.

Not only is a pinnacle rock extremely dangerous to navigation, but it is extremely difficult to locate. A pinnacle rock is exactly what its name implies. It is a tall, rocky pinnacle which rises straight from the bottom of the ocean and often the area of its top surface would not be ten square yards. When a vessel strikes one, though, a pinnacle rock is like nothing so much as an undersea dagger.

Speed Was the Thing.

Years ago, when the coasts of the United States were first charted, it was necessary to make as much speed as possible and cover the greatest possible territory in the shortest possible time. Under such conditions the plumbing of coastal localities with a sounding line and the determination of shoals by consideration of the general characteristics of the locality were necessary, but these surveys left many uncharted pinnacles behind, to bring disaster to ships later on.

They tell a story of a pinnacle rock incident that occurred on one of Peary's trips to Greenland, back in the late nineties. Peary's ship was holding a straight course for Greenland, but owing to the cloudiness of the weather a lookout was posted. The routine of the ship was suddenly disturbed by the cry of the lookout: "Breakers dead ahead!" The helmsman spun his wheel and the ship heeled sharply to port, just in time to escape a sunken rock which was about three feet under water. Had it not been for the lookout Peary might never have reached the pole.

The department of commerce has been aware for a long time of the lack of authentic charts of many portions of the American coast, and the danger of pinnacle rocks was the real reason why the old plumbline system was discarded for the wire-drag method, which is very much similar to the old-fashioned seine.

A line is run between two motor boats, several hundred yards apart. This line is supported on the water by floats, but suspended from it are other lines, all attached to a long wire, under water, which is held down by weights. The wire under water corresponds exactly to the lower edge of a seine.

Motor Boats Active.

The motor boats are started forward, keeping an even distance apart. The bottom wire is far enough under water to intercept anything which would rise high enough from the bottom to be a navigation danger, and as long as the floats on the surface drag along without going under the motor boats chug away on their course.

But at the first dip of the floats, anywhere along the surface line, the motor boats stop, for the disappearance of the floats indicates the wire under water has struck a snag. If the snag is found to be a rock, its distance from the surface is ascertained and its location immediately charted. Then the wire is disengaged, the motor boats are started again and the department "snag fishers" are off after another "catch."

The department, in a bulletin recently issued, admits that the most certain way to locate a pinnacle rock is to let a ship strike one. This effort, however, is admittedly dangerous to the passengers and extremely expensive to the owners of the boat, particularly if the rock is struck at night. In the old days pinnacle rocks were not half the menace they are today.

Boats were not built so large in those days and there were not so many lines of coastwise steamers running. These coast steamers have a regular course up and down the coast, and they hold to their course so true that they may pass a pinnacle rock

WINS MANY MEDALS

The new wire-drag system is the only system which will definitely and certainly establish the danger or freedom of a certain marine locality for ships. The legal importance of having all dangerous rocks noted on government charts cannot be overestimated. The chart is very often the means of fixing responsibility for a marine disaster, either in merchant service or in the navy. The captain, accused of negligence in the navigation of his vessel after having struck an obstruction of some kind, may plead that the obstruction was not noted on the chart.

The is particularly true when the vessel succeeds in getting off before the locality can be definitely ascertained and the statements of the captain verified or disproved. As the whole purpose of licensing navigators is to make marine travel safe for passengers and property, it is essential that the plea of uncharted rocks be made as untenable as possible.

The cost of wire-drag work, considering the value of the results obtained, is not regarded as excessive. The cost of dragging the New England coast ranges anywhere from \$125 to \$175 per square mile, while the work of charting the waters of Florida in the vicinity of Key West runs much higher. Here it costs from \$450 to \$600 a square mile.

MAY SOLVE OLD MYSTERY

Teeth Lead to Identification of Farmer Who Disappeared Eight Years Ago.

Oklahoma City.—The finding of the skeleton of a man in a ravine near Britton, a few miles north of this city, may solve the mystery of the disappearance eight years ago of W. W. Crabtree, a farmer of that community.

Nothing but the bare bones remain of the body. The skeleton shows a perfect set of teeth, a fact which led acquaintances to identify the skeleton as that of Crabtree.

On the skull was a dent, probably made by some blunt instrument. Near the plow on which he had been working, when the first search was made, was found a monkey wrench.

Crabtree was a successful farmer and lived alone. Little was known of the man at the time he settled on the farm. It was understood that he had come from Oregon, though he never talked of himself.

SUFFRAGE CAMPAIGN LEADER



Mrs. Norman De R. Whitehouse was one of the leaders in the recent suffrage campaign in New York. Notwithstanding the defeat at the election, Mrs. Whitehouse expresses unbounded faith in the ultimate victory of the cause.

TALK OF BABIES JARS THEM

Spinsters Form Club in Kansas Town to Avoid Chatter About Husbands.

Sabetha, Kan.—An organization of spinsters has been formed in this town to save them from hearing talk about babies.

"At the women's clubs," says Miss Georgia Hook, head of the spinsters, "all we hear is talk of babies and husbands of various kinds. Oh, you can't realize the unintentional cruelty of it all! What pleasure can we have in hearing talk of babies, babies, babies all the time? The small towns never gives the proper chance for all girls to marry happily. Too many of our best young men go to the cities. As a result there are more marriageable young women than young men."

WIRELESS NAUSEA NEW ILL

Travelers on Shipboard Have Acquired Ailment Since Telephone Came into Use.

Philadelphia, Pa.—"Wireless nausea" is the newest illness on record and has only come since the wireless telephone has become an established thing. The discovery of the phenomenon was the result of travelers on shipboard becoming nauseated at sea when there was no perceptible dip to the vessels on which they were traveling.

FORTUNE FOR BIRTH FACTS

\$100,000 Awaits Kansas Girl When Law is Satisfied as to Her Identity.



The noted German aeronaut, Lieutenant Commander von Abercorn, has won every order given in the present war. He is shown wearing some of them.

TOPEKA.—If Ruth Bardwell, a former Kansas girl, can establish her birthright she will inherit an estate of \$100,000 at Los Angeles.

Recently Miss Bardwell's mother died in California. The young woman claims an estate of \$100,000, but to win the money must establish the fact that she is a legal heir.

She does not remember the exact date or the Kansas town near which her parents lived when she was born. She knows only that she was born in Woodson County, Kansas.

In the late seventies George H. Bardwell and Julia A. Bardwell lived on a farm in Woodson county. It was in 1880, the Los Angeles woman claims, that she was born. When she was a child Miss Bardwell's parents left Kansas and the young woman has for a number of years lived in California.

PUTS WAR LOSSES 7,997,000

United States General Estimates Allied Casualties at 4,167,000—Germany's 1,300,000.

West Point, N. Y.—Gen. Francis Vinton Greene, U. S. A., retired, in an address before the New York State Historical association, gave what he called an "intelligent guess" of the casualties.

He estimated the number of killed at 2,066,000, the wounded at 3,526,000, the missing 2,305,000 and the total casualties at 7,997,000. These were minimum figures, the general said.

General Greene divided the total losses as follows: Great Britain, 293,000; France, 1,400,000; Russia, 2,200,000; Italy, 25,000; Belgium, 80,000; Serbia, 70,000. Total allied losses, 4,167,000. Losses of the Teutonic allies were estimated as: Germany, 1,300,000; Austria, 1,800,000; Turkey, 130,000. Total for Teutonic allies, 3,230,000.

HOPES TO REACH 112TH YEAR

"Uncle Abe" Saw General Jackson and His Talks Are Like Turning Leaves of History.

Atlanta, Ga.—"Uncle Abe" Coulter of Lafayette, Ga., is going strong for his one hundred and twelfth year. He was born January 7, 1805, at Jasper, Tenn.

He remembers seeing General Andrew Jackson and his army. He saw the Indians corralled at "Big Spring" at Lafayette in 1837, and tells strange stories of happenings when the section was occupied by Indians.

To hear "Uncle Abe" talk is like turning the leaves of history.

CALLS IT A "DOG'S LIFE"

Saloonkeeper in Suing for Divorce, Tells Court Woes of His Married Life.

St. Louis.—Sleeping in the room and the bed with as many as 15 dogs is a dog's life, according to Edward Flader, a former saloonkeeper, now living in Bellevue, who recently sued for divorce.

The dogs belonged to his wife, Ida, the petition stated. It is said that she also permitted chickens a free runway of the saloon, and when Flader attempted to drive out the dogs he says his wife threatened him with a club.

After Fifty Years.

Valparaiso, Ind.—E. M. Burns of this place and J. T. Troutner of Charles City, Ia., comrades in Hancock's corps when guarding the Lincoln assassination conspirators, met here recently for the first time in 50 years. Mr. Troutner stopped off on his way from Washington.

PRICE BULLETIN

FARMERS SUPPLY COMPANY

MAIL - ORDER - PRICE MERCHANTS

| | |
|-------------------------------|--------|
| FLOUR 98 lb Sacks | \$3.18 |
| Buckwheat Flour 10 lb Sack | 55c |
| Electric Spark Soap, 10 Bars | 35c |
| Evaporated Apples, 10 lbs | 1.10 |
| Large Prunes, 10 lbs | 1.20 |
| Medium Prunes, 10 lbs | 1.10 |
| Fancy Peaches, 10 lbs | 1.00 |
| Choice Peaches, 10 lbs | 90c |
| Tomato Catsup, Gal Bottle | 85c |
| Rolled Oats, 22 1/2 lb Sack | 93c |
| Imperial Cookies 7 1/2 lb Box | 75c |
| Canned Peaches, 6 Cans | 96c |
| " Gooseberries, 6 " | 63c |
| " Milk, 12 " | 1.00 |
| " Murtard Sardines, 6 Cans | 43 |
| " Red Raspberries, 6 " | 1.00 |
| " Peas, 6 " | 50c |
| " Wax Beans, 6 " | 63c |

(Prices Good Until January 1, 1916)

FARMERS SUPPLY CO.

BEACH, N. DAK.

SUNNYRIDGE.

Mr. and Mrs. Wilson Grant were Sunday visitors at the Perry home.

Geo. Feirel was a business caller at Robert Henderson's one day last week.

Mr. and Mrs. Joe Tiebarth left Monday for a visit with friends and relatives in Minnesota and Wisconsin.

Mr. and Mrs. Robert Henderson and daughters, Sadie and Mrs. Tiebarth, were Sunday visitors at Ben Grant's.

Mrs. Seeley, who has been teaching school near Westmore, returned home last week but returned to her duties after a week's stay at home.

Good-Night Corns, Good-Boy "Gets-It"

New-Plan Corn Remedy That Never Fails. The Simple, Common Sense Way.

You poor corn-sufferers, with corn-wrinkles and heart pains! Sit down tonight and put a few drops of "Gets-It," the simplest corn remedy in the world, on your corns. You can apply it in just a few seconds, without fuss or trouble.

What's the use applying salves that make toes raw and sore, that make corns swell, bandages that make it misery to walk, tape that sticks, greasy ointment, and other contraptions. Get rid of corns the easy way, quick, simple, sure, new way. That's common sense. Try "Gets-It" also for warts and bunions. "Gets-It" can't hurt—the corn loosens, and comes right off—clean off.

"Gets-It" is sold at all drug stores. 25¢ a bottle. Or sent direct by E. L. Vance & Co., Chicago.

Sold in Beach and recommended as the world's best corn remedy by RICE & PERCE.

What's the use applying salves that make toes raw and sore, that make corns swell, bandages that make it misery to walk, tape that sticks, greasy ointment, and other contraptions. Get rid of corns the easy way, quick, simple, sure, new way. That's common sense. Try "Gets-It" also for warts and bunions. "Gets-It" can't hurt—the corn loosens, and comes right off—clean off.

"Gets-It" is sold at all drug stores. 25¢ a bottle. Or sent direct by E. L. Vance & Co., Chicago.

Sold in Beach and recommended as the world's best corn remedy by RICE & PERCE.

MR. FARMER

Are you contemplating having an auction sale? If you are, it would pay you to have your bills printed here and an advertisement run in the Chronicle. You could reach more people, especially more farmers, than you would by advertising in the two other papers in this city. When you hold an auction sale you would like to let the farmers know about it. The best way to do this is by advertising in the Chronicle. Bear this in mind when you hold that auction sale.

To buy wisely and well read the ads in the
Golden Valley Chronicle
 before you do your shopping

THE CHRONICLE

WE HAVE DIRECT BUYERS. Don't let your commission. Write describing property, naming lowest price. We help buy. We locate desirable property FREE. American Investment Assn. 201 Polk Bldg. Minneapolis, Minn.