

TORPEDOES MOVE AT A RAPID RATE

Forty Knot Missile Probably Hit and Sunk the Lusitania.

DESCRIPTION OF THE DEVICE

Extreme Range of a Torpedo is 4,000 Yards, but at 1,000 Yards It is Much More Effective—Varies in Length From Fourteen to Nineteen Feet and Has Machinery For Guidance.

New York.—The German torpedo or torpedoes that destroyed the Lusitania were fired at a range of not more than 1,000 yards, and the torpedoes themselves probably traveled at a speed in excess of forty knots.

That is the opinion of many of the American officers, all of whom have closely followed the German submarine activities since the underwater war was started by the Germans several months ago.

The extreme range of a torpedo, it was explained by these officers, is about 4,000 yards, but the evidence to be had indicates that all the German submarine work is being done at short range, perhaps less than 1,000 yards.

One of the American officers stated that in Charles W. Dornville-Fife's book, entitled "Submarine Engineering of Today," there is a chapter on "The Life of a Torpedo," which describes in understandable language and in a correct way these terrible missiles of war.

"A first class battleship takes the best part of three years to build and may cost anything from \$5,000,000 upward," the author writes. "This ponderous ship of war can be sent to the bottom of the sea in but a few minutes if struck by a torpedo.

"The modern torpedo varies in length from fourteen to nineteen feet and weighs up to half a ton. It has an extreme range of 4,000 yards. The blunt nose or 'war head,' as it is called, is the business end of the torpedo and contains the dry and wet gunpowder and the fulminate of mercury necessary for the explosion.

"Every one of these little peculiarities indulged in by the torpedo is noted in the history sheet and referred to before the weapon is again fired. By this means all the slight defects can be allowed for and a much more accurate aim obtained. It is the duty of the torpedo lieutenant to make up all the 'history sheets' on a vessel, and he may be almost looked upon as a schoolmaster with a lot of small children to understand and manage.

"A small chamber in the torpedo carries compressed air. This helps to stink it to the required depth after it has entered the water. This air, escaping from the chamber by means of a regulating valve, drives the engine at a high rate of speed, which is almost uniform throughout the trip from the tube to the target.

pedo. These revolve on the same axis, but in opposite direction, the object being to give stability to the weapon. "The steering is effected by vertical rudders, which keep the torpedo in the required direction, while the proper depth in the water—usually from ten to fourteen feet—is maintained by horizontal rudders. The torpedo is kept submerged by means of the balance chamber and is controlled in its steering by the wonderful instrument known as the gyroscope.

"So marvelous is its mechanism that in favorable circumstances a torpedo well aimed may be depended upon to strike within a yard or two of the spot aimed at. Briefly described, the gyroscope is a rotating wheel which automatically controls the torpedo's course. "The method of firing a torpedo is very much like that of discharging a gun. It is expelled from a torpedo tube by compressed air. Upon reaching the water the torpedo is driven by its screws in the required direction. The missile is guided by a very ingenious invention called a 'torpedo director.' This is a little brass instrument fitted with 'sights' like a gun. When the sights are aligned on the enemy the officer in charge presses a key, and electricity causes the discharge.

STOWAWAY ALMOST DEAD.

Seattle Man Hadn't Food or Water For Eight Days.

Seward, Alaska.—Leland F. Farmer, a young draftsman who stowed away on the steamer Admiral Evans of the Pacific Alaska Navigation company at Seattle, was found in the lower hold. He had been eight days without food or water, but will recover. When discovered he was wedged head downward between two bales of hay.

Farmer had heard that there are excellent opportunities for draftsmen at Ship Creek, Cook Inlet, where the government is assembling men and material for building the federal railroad in Alaska.

Cork Leg No Help to Him.

Cleveland, O.—Owen Kelley's cork leg instead of acting as a life preserver a few days ago when he fell into the lake from the pier at the foot of East Ninth street came very near being a life destroyer. Struggle as he would he could not raise his head to a level with his leg, which floated buoyantly. Commander Kelly of the Ohio naval militia steamer Dorothea was coming ashore and dragged the drowning man out.

Wenatchee Park

Mr. and Mrs. H. A. Beckwith and family spent Saturday night and Sunday with his brother J. A. Beckwith.

Misses Mary and Martha Rupel are visiting relatives in east Wenatchee.

Miss Reta Burgess returned Saturday from a two week's visit with friends at Wenatchee.

Mr. Robert Nichols, who is serving on the jury spent Saturday and Sunday with his family.

J. R. Peters returned home Friday after spending a few weeks on his Wenatchee Park ranch.

Wm. Sattler had the misfortune of having his house burn last Friday. The fire started from a defective flue. Mr. and Mrs. Sattler have the sympathy of the whole community.

Ben and Joe Nichols left Friday for Wenatchee to visit relatives.

The Wenatchee Park Land & Irrigation Co., has let a contract to Frank Pobst to slash 400 acres of land. Mr. Pobst has already started the work.

Mr. and Mrs. Burgess spent Sunday at Lake Wenatchee.

All the crops at the Park are in good condition and the rains of late are greatly appreciated.

Don't forget to come and see the Park.

Lutheran Church

Sunday school 9:45 a. m. Preaching 10:45 a. m. Rev. F. E. Stern.

RARE MINERAL FOUND NEAR MERRITT, WASH.

Mining Expert Believes He Has Located a Deposit of Pitchblende Ore—Claims Being Developed

Mr. Karl Kleinschmidt, a Seattle mining expert, recently told a Seattle newspaper man that he believed he had discovered a deposit of pitchblende, uranium and corundum, which is destined to yield pure sapphires, in the Cascade range near Leavenworth. He has six men working on his prospect and will increase the force later. The surrounding locality is of volcanic origin and Mr. Kleinschmidt claims to have found crystals of sapphire in the early formation brought near the surface by the earth's upheaval.

The discovery of this body of mineral was made by H. B. Smith of Merritt some time last fall. When here last Friday he left some samples of the corundum crystals at this office. The mineral was found some fifteen or twenty miles west by south of Merritt.

Peshastin Pickups

Ed. Bedel left Tuesday night for Ohio, where he says he intends to remain, but we are of the opinion that he will return in a few months. Can it be that Ed. is going back for a wife?

J. D. Day left the first of the week for Seattle.

The new community church, tho not completed, has been arranged so that meetings can be held in it. It is hoped that the church will be finished soon when Peshastin will have a meeting house to be proud of.

Joe Coons is giving the Warren Boston residence a new coat of paint this week.

Geo. Caldwell killed a rattlesnake below town last Monday. While these poisonous reptiles are not often found in this valley it is safe to be on the lookout for them during the summer months.

M. W. Stark has disposed of his Ford roadster and is now running a new 1915 model.

Last Tuesday evening at the home of Mr. and Mrs. Thos. Luttrell the ladies of the Kryitsu Club entertained their husbands. As the evening was favorable the large lawn was decorated with Chinese lanterns, and games were played outside. During the evening several musical selections were rendered by the members of the club.

No. 2002 Notice of Sale of Real Estate

In the Superior Court of the State of Washington in and for the County of Chelan. Lottie P. Shotwell, Plaintiff, vs. Otto F. Cromer and Sarah Walls, formerly Sarah Cromer, Defendants

Under and by virtue of an order of sale and decree of foreclosure entered in the Superior Court of the State of Washington for Chelan County, on the 24th day of April, 1915, and filed on the 28th day of April, 1915, in the above entitled action, wherein Lottie P. Shotwell, as plaintiff, secured a judgment and decree of foreclosure against Otto F. Cromer and Sarah Wall, formerly Sarah Cromer, as defendants, I am commanded to sell all that certain real estate situated in Chelan county, State of Washington, (or so much thereof as shall be necessary) and more particularly described as follows, to-wit:

Parcel 1. Beginning at the southeast corner of the southwest quarter of the northwest quarter of section three (3), township twenty-three (23) north, of Range nineteen (19) E. W. M., and running west 18 1/2 feet to the county road; thence at an angle of 34 1/2 degrees to back line, 27 1/2 feet northeast to block No. 2; thence at an angle of 9 1/2 degrees 7 1/2 feet northeast to the east line of the southwest quarter of the northwest quarter of section three, township twenty-three, range nineteen, thence south along east line 34 1/2 feet to the point of beginning, containing one and one-half acres, more or less.

Also the following: Beginning at the southwest corner of the southeast quarter of the northwest quarter of section three, township twenty-three, range 19, and running east 123 feet to block No. 3; thence at an angle of 87 degrees 200 feet northwest to block No. 4; thence at an angle of 8 1/2 degrees, 123 feet southwest to the west line of the southeast quarter of the northwest quarter of section three, township 23, range 19; thence south along said west line 28 feet to the point of beginning, containing 1 acre, more or less, together with one inch of water, miners' measure, under a four-inch pressure, from the Wenatchee Canal, as per their contract.

Also the following: Parcel 2. Commencing at the northwest corner of the southwest quarter of section three, township twenty-three North of range nineteen E. W. M., thence running east along the north line of said southwest quarter a distance of 182.2 feet; thence south 20 feet to the initial point of place of beginning; thence south from said initial point a distance of 26 rods more or less to the northeasterly line of the county road as now established across said southwest quarter; thence in a northwesterly direction along the northeasterly line of the county road to a point 30 feet south of the said north line of the said southwest quarter of said section 3; thence east parallel to the said north line of said southwest quarter of said section 3 to point of beginning, containing one and one-eighth acres more or less, together with one-half miners' inch of water from the Wenatchee Canal, together with all and singular the tenements, hereditaments and appurtenances thereunto belonging.

Notice is hereby given that on Saturday, the 28th day of June, A. D. 1915, at ten o'clock in the forenoon of said day, at the front door of the court house in Wenatchee, Chelan county, State of Washington, I will sell, in obedience to said order of sale and decree of foreclosure, the above described property, (or so much thereof as may be necessary to satisfy the plaintiff's judgment, with interest and costs), at public auction, to the highest and best bidder for cash in lawful money of the United States. CHAS. KENYON, Sheriff of Chelan County, Wash. By A. V. Huff, Deputy.

and ice cream and cake was served. About thirty were present.

Mrs. J. B. Duncan and son, who are visiting relatives in California, write of being in sight of Mt. Lassen, which is causing considerable excitement by its continuous eruption. Being only 50 miles away they report seeing very plainly what is taking place and on one occasion they saw fire and smoke shoot into the heavens to a distance of more than eight miles. At first the people became alarmed, but soon found out that they were out of the danger zone.

Miss Edna Goodwin spent several days in Entiat the first of the week.

Mrs. J. N. Hobson is in Wenatchee for a few days.

Woman's Club Notes

One of the principal speakers at the biennial meeting of the executive council of the National Organization of Woman's Clubs, which meets in Portland on June 2d, will be Mrs. James Cowan Wilson of Wenatchee. Her address is entitled "A General View."

Mrs. Wilson is a forceful speaker and is known as a prominent club woman all over the state. For the past two years she has been chairman of the Washington State Civics Committee. Mrs. Wilson will be pleasantly remembered by the club women of Leavenworth as having addressed the members of the Kuntux Club last fall.

The club met May 14th with Mrs. A. G. McKeown. The subject was "Immigration." Papers by Mrs. Geo. Gardner, Mrs. Hale and Mrs. Sylvester. The new president appointed Mrs. A. H. Sylvester, Mrs. A. G. McKeown and Mrs. D. H. Mayor to arrange the study for the next club year.

The Kuntux Club will meet today with Mrs. Carne. This will be the last business session of the club year. The members will have the final gathering of the season at a picnic luncheon some time in June.

The National Federation of Club Women includes forty-eight state federations and the Alaska federation, with an individual membership of two mil-

lion women. The Washington State Federation meets in Spokane in June and many prominent club women are expected to be present, including the national president, Mrs. Percy V. Penneybacker, of Austin, Tex., and Miss Jane Addams, of Hull House, Chicago.

Congregational Church

Sunday school at 10 a. m. United memorial service at 11 o'clock at the Scenic Theater. Judge Martin of Wenatchee will deliver the address.

Evening service at 8 p. m. Subject, "Parental Obligations."

Attractive music. Everyone welcome.

One-third off on Printing at the Echo office.

Thru the J. B. Adams agency Mr. Geo. L. Gardner this week bought one of the new Dodge Bros. autos. The Dodge is the newest and latest thing in the auto line, and was first put on the market this year. It is among the handsomest cars on the market.

Girl Made a Lieutenant. Petrograd.—Army orders contain the promotion of a young woman, Alexandra Lagerev, to lieutenant, with sixteen other girls belonging to families of Don Cossacks.

She has been fighting alongside male relatives since the beginning of the war. Eight of these have been killed, and Miss Lagerev was a prisoner, but she killed her guard and escaped and led a reconnoitering party which captured eighteen uhlans.

Advertisement for Wheeler's City Drug Store featuring an illustration of a boy and a woman, and text: "He should take some of our Medicine for his Cold. A little boy took cold. His parents neglected to give him medicine in time or send for the doctor. The little boy had a long, serious and expensive spell of sickness. When you catch cold 'catch' it in time and overtake it. When we supply the medicines they will be fresh, pure and effective. We verify every prescription we fill. Wheeler's City Drug Store. We Give You What You Ask For. Rexall Agency. A. D. S. Agency."

Better Hurry

Furniture Hardware Stoves, Rugs Fishing Tackle

The entire stock of the firm of Templin & McKenzie is being closed out at

Sacrificing Prices!

Come early and get the benefit of the extremely low prices we offer

R. B. Simons, Trustee

IMPORTANT

All accounts due firm of Templin & McKenzie must be paid at once

One Hundred Cents on the Dollar

For ever dollar spent at this store. That's our motto. It is the motto on which we built up our business. It is the same motto that wins us new customers every day. If you are one of those that have not given us a chance to prove our assertion come in today and we'll convince you.

Nothing But the Best for Our Trade

Is another rule of this store that has made friends and lasting customers. Anybody can sell the first bill of goods. Our endeavor is to sell you the first, last and all the time. If you'll give us a trial we'll convince you.

We give National Saving Certificates

The Rutherford Mercantile Co.

(Joe Massies' old stand) "Where a Dollar Buys a Dollar's Worth."