

SUBMARINE PROBLEMS SOLVED BY BRITISH

Will Irwin Tells How Navy Is Ever Alert, Often Playing Waiting Game.

STORY OF "FRITZ" TOLD

German Diving Boat Is Prey of Aeroplane After Long Reign on Coast—Trawlers Found to Be Giving Supplies.

OREGONIAN NEWS BUREAU, Wash- ington, Oct. 11.—How the British navy solved the problem of exterminating German submarines and eventually rendered British commerce comparatively safe was interestingly told at the round table of the National Press Club in Washington by Will Irwin, war correspondent, whose dispatches frequently appeared in The Oregonian. Mr. Irwin left England when between 30 and 40 German submarines had been sunk or captured by the British navy, and since his return the number sunk or captured has been increased to 64, so far as known.

"The best brains and skill of Great Britain," said Mr. Irwin, "are found in her navy. The people of England, generally speaking, have not awakened to the serious situation which confronts them; the British army may still be unprepared, but the British navy does not sleep on the job. The British navy fully realizes the size of the task confronting it and confronting England, and the ingenuity to solve its own particular war problems. You don't hear much of the British navy in this country, and you don't learn much about it when in England.

Lone Submarine Appears.

"But I can recite two incidents which illustrate the British method of dealing with the German submarines. The facts related were gathered from eye-witnesses, in the first instance from a reporter on a Scotch newspaper, but the fact that the British censors would not pass them, nor would they permit their publication in British or Scotch newspapers. Last February there appeared on the west coast of Scotland a lone German submarine, in search of British merchantmen. The submarine was noted as soon as it showed up off the coast, and its presence reported to the Admiralty. But the navy did not pursue the submarine at once. Rather they let it pursue its own course for several days; permitted it to sink several vessels, but meantime the British were watching and studying the habits of the under-water craft. They dubbed the submarine 'Fritz,' and as 'Fritz' it was known to the world.

"It was found that 'Fritz' spent his days cruising off-shore, but every evening ran into an estuary, and sank to the bottom of the night. With the return of daybreak 'Fritz' would reappear at the surface for air and to recharge his batteries, and then put out to sea for another day's work. 'Fritz' operated with reasonable success, and sank several merchant vessels, though few torpedoes were used. The Germans never sink a ship with a torpedo if other means will suffice, for torpedoes are expensive, they are scarce, and a submarine can carry only a limited number. They much prefer to sink a ship with their guns, or by sending a party aboard a prize and opening her.

"One morning when 'Fritz' rose to the surface her commander sighted off shore a large British merchantman, an exciting prospect for the intended prize. When observed, the merchant vessel was proceeding directly up the coast, her crew engaged in washing clothes and hanging them out to dry. When the submarine got under way a bright red light was flashed from the conning tower with the string of white jackets, and immediately from the hatches arose a British aeroplane, making straight for the merchantman.

Peril Is Recognized.

"The commander of the submarine heard the whirr of the aero's motors, realized instantly his peril, and ordered the hatches closed. The British plane might go below the surface. But it requires three or four minutes to close the hatches and submerge a submarine that has been cruising on the surface, open wide, and before 'Fritz' could drop beneath the surface, the aeroplane was directly overhead, not far from the surface. The pilot of the British aeroplane had been carrying a deadly bomb on the submarine's deck.

"There was division of opinion among the British naval officers as to whether the submarine had been destroyed or had managed to dive, and successfully to avoid the bomb, though the flyer insisted he had sunk 'Fritz.' The bottom was dragged near where the submarine was last seen, and after a time a heavy object was caught on the hooks, and believed to be the submarine. It proved to be a dead whale. Further dragging, however, brought the submarine to the surface, and it had been in clean open, in two parts like a long breakfast roll, cut from end to end.

"About that same period of submarine warfare, before the large cruising submarines were put into commission, two small undersea boats did a vast amount of damage to the British coast, and so well equipped were they that the British were at a loss to understand where they got their supply of torpedoes and ammunition. By some means or other, I do not know how, the British navy men discovered that what appeared to be an ordinary British trawler, cruising up and down the coast, was acting as supply boat for these submarines. The supply boat was flying the Union Jack and to all outward appearances was a bona fide British fishing vessel.

"When her identity was disclosed the navy men made no effort to capture or sink her, but again they studied her habits and the habits of her two submarines and eventually got her signals. Among the signals was one calling the submarines alongside and advising them that all was safe. The British observers also learned that the submarines would leave the supply ship before daybreak, in order to avoid arousing suspicion.

Submarines Are Trapped.

"So they hid their time and one dark morning, after the submarines had departed, a British party put out and captured the supply ship and took with them two rapid-fire guns. The supply ship was not armed and there was no difficulty about capturing her. Once in British hands the two guns were mounted and then, when the submarines came into range, the signal 'Return at once—all is safe' was run up, and the submarines came alongside. No sooner had they done so than the two rapid-fire guns went into action and in an instant two German submarines went to the bottom, with all aboard.

Mr. Irwin was asked if, in his judgment, the British Admiralty was to be commended for failing to convoy the Lusitania and other large passenger-carrying ships that had fallen prey to the submarines. He answered that the British Admiralty had preferred to



BEAUTY IN OLD AGE

You often see a beautiful old lady and she seems to be as happy as a child beautiful, for beauty and happiness both depend largely upon good health. Indigestion and constipation are to a great extent responsible when old age lacks beauty and happiness. This can be remedied by taking Chamberlain's Tablets. They strengthen the digestion, invigorate the liver and regulate the bowels. This banishes nervousness and despondency, clears the skin and improves the appetite. Give them a trial. You are certain to be pleased with them.

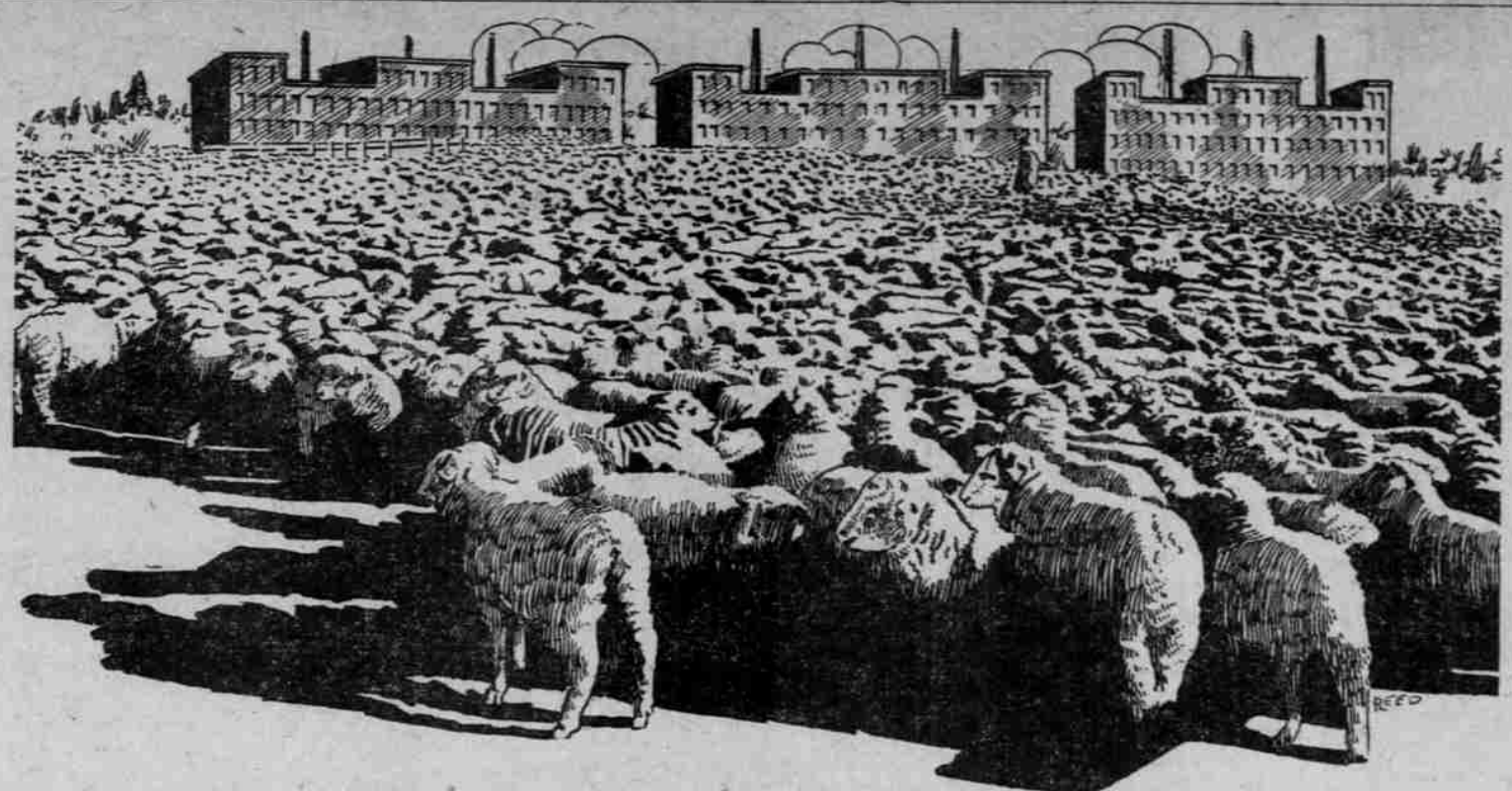
Use of Nets Explained.

He said the British navy from the first realized that it was engaged in a style of warfare entirely different from wars of the past and was prepared to meet and deal with all innovations. When the submarines became a menace British naval genius turned to devising means of combating submarine craft and naval practice has been employed. He explained the British method of catching submarines with nets and showed the process to be far different from the ordinary conception. The nets set to catch submarines, he said, seldom were anchored, but were suspended in the water from floats. The submarine, cruising along beneath the surface, would rise into a net and may go some distance before floating to the surface. The submarine, keeping on her way, drags the floats along the surface of the sea, and by observing the floats the scout boat of the British navy where the submarine is. A submarine cannot remain submerged forever; she must come up from time to time, and when one that is snared in a net rises to the surface, she becomes the target for the rapid-fire guns on the swift scout boat of the British navy, and that is the end of her.

The aeroplane, too, he said, had become a most valuable means of detecting submarines. The aeroplane goes in the air," said Mr. Irwin, "the deeper her pilot can see in the water. By cruising over water where submarines are operating, an scout in an aeroplane can readily locate the under-sea vessel, and can indicate by signals her location to the scout boat. These swift, but tiny craft, steered by the aeroplane, can trail a submarine until it comes to the surface and then can put it out of commission with a well-directed shot.

Divers Caught Like Fish.

Mr. Irwin said that a few nets set for submarines have been tightly anchored in waters where submarines were known to be operating, and several submarines caught in those nets have been hauled out of the water bodily, just like a monster fish. There are other means by which the British navy has been capturing or destroying submarines—methods which are known only to the Admiralty, and these various devices, he asserts, have proved more than a match for the under-sea boats.



This Sale Is a Hummer

Good Warm Wool Goods Such as We All Like Are Here at a Great Saving in Price
A man's underwear should be the kind that don't scratch or make a fellow feel like he'd just come from a burr patch.
The kind we sell is guaranteed soft and warm, and will make a man healthy, wealthy and wise; and all of this in addition to the very important saving in price that can be had if purchased during this sale.

- | Underwear Bargains | | Shirt Bargains | | Sock Bargains | |
|-----------------------------|--------|------------------------------|--------|------------------------------|---------|
| All odd lots now | 75c | 50c men's work shirts now | 35c | 20c half-wool sox now | 12 1/2c |
| \$1.00 men's wool underwear | 75c | 75c men's work shirts now | 50c | 25c men's cassimere sox now | 20c |
| \$1.50 and \$1.75 underwear | \$1.25 | \$1.00 men's shirts now | 85c | 25c men's yarn sox now | 20c |
| \$2.00 underwear now | \$1.35 | \$1.25 men's wool shirts now | \$1.00 | 50c men's heavy yarn sox now | 35c |
| \$2.50 underwear now | \$1.75 | \$1.50 men's wool shirts now | \$1.25 | | |
| 50c cotton fleece now | 35c | \$2.00 men's wool shirts now | \$1.50 | | |
| 50c heavy ribbed now | 35c | \$2.50 men's wool shirts now | \$2.00 | | |
| \$1.25 union suits now | 95c | \$3.00 men's wool shirts now | \$2.50 | | |
| \$2.25 union suits now | \$1.85 | | | | |
| \$3.00 union suits now | \$2.25 | | | | |
-
- | Sweater Bargains | | Blanket Bargains | |
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| \$1.00 men's sweaters now | 75c | Every blanket in the store is reduced | 1/4 in price. |
| \$1.50 men's sweaters now | \$1.00 | | |
| \$2.00 men's sweaters now | \$1.50 | | |
| \$2.50 men's sweaters now | \$2.00 | | |
| \$3.50 men's sweaters now | \$2.50 | | |
| \$5.00 men's sweaters now | \$4.00 | | |
| \$6.50 men's sweaters now | \$5.00 | | |
| \$8.00 men's sweaters now | \$6.00 | | |
-
- | Mackinaw Bargains | |
|------------------------------|--------|
| \$4.00 men's mackinaw coats | \$3.00 |
| \$5.00 men's mackinaw coats | \$4.00 |
| \$7.50 men's mackinaw coats | \$6.00 |
| \$10.00 men's mackinaw coats | \$7.50 |
| \$12.50 men's mackinaw coats | \$9.00 |

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CANAL SLIDES GAIN

Diggers Make No Headway and Reopening Is Indefinite.

TEMPORARY CUT NOT PLAN

General Goethals Declares Dredging Will Be Pressed Continuously Against Rapid Movement in Effort to Remove Source.

PANAMA, Oct. 11.—All predictions with regard to the probable date for the reopening of the Panama Canal, even with a temporary channel, were set at naught today by Major-General G. W. Goethals, Governor-General of the Panama Canal Zone, who said that conditions were such that it was impossible to set any definite date.

General Goethals said the movement of earth from both banks into the canal was so rapid during the last week that the dredging float was unable to make any gain against it. He declared that therefore he would withdraw even his tentative reopening date of November 1, set by Colonel Harding, engineer of maintenance.

General Goethals added that the dredging would be prosecuted continuously with the intention of removing the source of the trouble. No effort would be made to drive through a temporary channel, he said.

The statement was made that shipping interests would be informed that his periscope rose above the surface, saw, bearing toward him, a big German cruiser. Without a moment's hesitation he launched a torpedo at the oncoming warship. It went true to the mark, and in a few short moments the German cruiser was no more. It was pure accident that this warship was sent to the bottom, for had the seaman not asked for air at the particular moment he did, and had the submarine commander not been willing to grant his request, the cruiser probably would be afloat today.

PRISON THEORY REFUTED

PRIVILEGE CURTAILMENT SUFFICIENT TO ELIMINATION OF WOMEN PRISONERS IN WYOMING.

GOVERNMENT JOBS OPEN

Civil Service Commission Makes Examination Announcement.

The United States Civil Service Commission announces the following examinations, for men only: November 3, associate gas engineer, for a position in the bureau of standards, Washington, D. C., salary \$2000 per annum; December 8-9, surveyor, for positions in the General Land Office, or other branches of the service, salary \$100 to \$110 for transit-man and \$125 to \$150 per month for surveyor and a graduated per diem in lieu of subsistence.

Information and application blanks may be obtained from T. V. Hutchins, local secretary, Postoffice building.

Psychology Club Meets Tonight.

The Aloha Psychology Club, originally Psychology Circle, No. 21, will meet this evening at 7:45 o'clock in the theological room, 721, of the Morgan building. The subject of the lecture will be "Self-Reliance" and will be delivered by Dr. G. H. King. Everyone interested in psychology is invited to attend.

a triumph for Asphalt-base crude

The Jury of Awards at both the San Francisco and San Diego Expositions found an oil made from asphalt-base crude highest in lubricating efficiency. That oil was Zerolene.

The fact, too, that such unbiased authorities as a U.S. Naval Engineer, engineers of the Packard and Ford Motor Companies, and others, have also gone on record in favor of oils made from asphalt-base crude—in accord with the decision of the Exposition juries—proves that Zerolene is made from the right crude, and made right.

ZEROLENE

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For Sale by Dealers everywhere and at our SERVICE STATIONS

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use Red Crown the Gasoline of Quality

LENTS FOLK CHANGE MINDS

Majority Ask Paving and Then Make Remonstrance.

Residents of Ninetieth street in the Lents district presented the Council with a petition bearing the names of owners of 64 per cent of the property on the street, asking for grading and sidewalks. They kept the telephones in the City Engineer's office busy with calls for haste in the preparation of plans. The plans were completed and bids called for and then the property owners killed the proceedings with a 65 per cent remonstrance.

"What do you know about that?" said City Engineer Baker yesterday. "The big majority urges us to set busy and when we do the same big majority kills the proceedings."

Labor Law Violator Fined.

R. D. Fontana, manager of the Oregon Packing Company was fined \$50 by Judge Gantenben yesterday for working women more than the legal hours provided by the state law. He had entered a plea of guilty to three indictments. Ben C. Dey, his attorney, declared in court that the company has worked its plant in Portland for the last time, the management being tired of being harassed by labor agitators and state commissions.

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OAKLAND, Cal., Oct. 11.—A general curtailment of privileges has taken the place of corporal punishment in the penal institutions of the United States as a medium of discipline, according to many speakers who were heard today at the convention of the American Prison Association.

Warden E. W. Dick, of the Oklahoma State Penitentiary, said that his severest penalty for violation of rules was a reduction of the days of credit for good conduct. C. E. Vassaly, chairman of the Minnesota state prison, said his state's conduct of penal institutions was unique in two particulars—in paying prisoners wages for their work and in providing for their families, spending about \$1000 a month in the latter undertaking.

Frank L. Houx, Secretary of State for Wyoming, attributed the fact that his state had no women prisoners to the fact that Wyoming was the first state to grant woman suffrage, on the theory that laws of the state were so equitable that women there don't commit crimes. This observation was assailed by Allen F. Wright, a member of the Colorado Board of Pardons, who said that Wyoming disposed of its women prisoners by shipping them over the line into Colorado.

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75c Garment

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Latest design, most up-to-date products of the car builder.

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