

AIR FLEET GIVES VALUABLE AID IN FIGHTING U-BOATS

Intrepid Aviators Take to Air for Dangerous Pursuit With Zest for Adventure.

MANY HUN BOATS DESTROYED

Dirigibles Locate Enemy, Call Destroyers and Drop Bombs; Americans Are Effective.

By Floyd MacGriff
London, July 3.—(I. N. S.)—The eyes of the fleet—airplanes, seaplanes and kite balloons—are giving most effective aid to the American naval contingent in European waters.

On clear days—the best time suited for U-boat hunting—American aviators, clean upstanding who face every peril with zest and joy of adventure, take to the air. With a load of bombs—little mementoes for the U-boats—machine gun ammunition for any air force that might charge up and a wireless apparatus or carrier pigeons for communication, the aviators leave their bases in search of the sea devils.

With a good sun, U-boats can be spotted even though submerged to a great depth. If destroyers are near by they are signaled. If not, the submarines are treated to a liberal dose of American bombs.

Dirigibles Aid in Chase

Two dirigibles like those turned out by an American rubber concern recently helped the British and American destroyers effectively attack a German submarine, according to records at United States naval headquarters in London.

A daybreak one of the dirigibles sighted the conning tower of a U-boat in the Irish sea.

Three destroyers—two American and one British—rushed to the spot and dropped depth charges. The U-boat was sighted and a second dirigible, which had come up, followed the oil slick, dropping more depth bombs. Suddenly there was an upheaval of water. A dirigible swooped down where the bubbles were thickest. More depth bombs were launched, followed by the rising of more oil and debris to the surface.

Subs Sunk Small Boat

This is not an isolated case. The patrol work goes on day after day and night after night. For instance, another patrol sighted a U-boat at daybreak shelling a small sailing vessel—one of the typical small sailers that buffet the waves of the water around the British Isles as unconcerned about German submarines as the billows themselves.

Unarmed and dependent upon the wind for eluding submarines, these small sailing ships engage as packets or fishing boats.

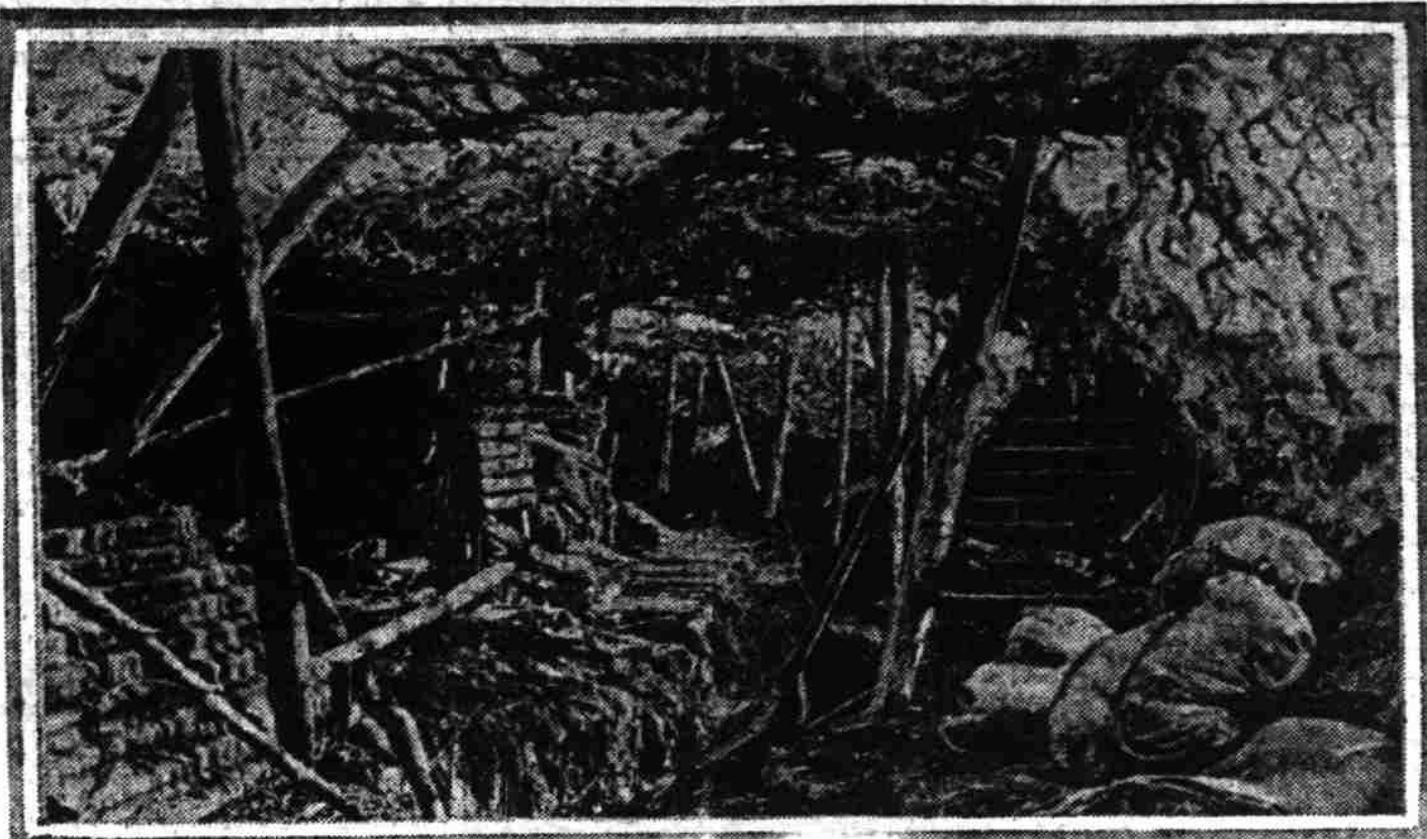
German submarine commanders take great delight in sinking them by shell fire.

As the patrolling balloons neared the ship under attack, the German suddenly ceased shelling and submerged. Aided by the balloon, an armed ship maneuvered until it had crossed the track of the U-boat, where it dropped a bomb. Again large quantities of oil rose to the surface.

Many U-Boats Sunk

On another occasion a British afloat sighted a U-boat attacking a merchantman. The afloat managed to reach the spot just as the submarine was submerging. A bomb which struck about three feet to the rear of the U-boat's

AMERICAN TRENCH IS FIERCELY BOMBARDED BY ENEMY.



This photo shows the condition of an American trench after a fierce bombardment by the enemy, which was still in progress when the picture was taken.

stern evidently gave the German a bad shaking, for streaks of oil afterwards covered the surface. Patrol boats hurried up and dropped more depth charges. In another engagement a U-boat dived quickly but her periscope was still visible. A seaplane dropped a bomb. Air bubbles arose. Veering about quickly, the seaplane dropped another bomb in the center of the churned water. More oil came to the surface and the disturbance in the water continued for a long time.

This shows the effective work being done by American aviators.

British Columbia Engineers on Strike

Vancouver, B. C., July 3.—(I. N. S.)—Eleven hundred steam engineers in British Columbia are on strike today, according to labor leaders. The men demand increased pay and some firms have agreed to the demand, but a large number of sawmill concerns will be closed on account of the walkout.

All lines of the British Columbia Electric Railway company are idle here and in Victoria, North Vancouver, New Westminster and surrounding country as a result of the strike of trainmen and electric workers.

Price of Copper Fixed at 25 Cents

Washington, July 3.—A new price for copper was fixed Tuesday at 25 cents a pound, an increase of 2 1/2 cents, by the war industries board, subject to the approval of the president. The new price goes into effect today and will continue till August 15. It is an increase of virtually 100 per cent in three years, the price in 1915 having been around 14 cents. Additional labor and transportation costs have boosted the cost of producing copper.

U. S. Gives France Another Little Loan

Washington, July 3.—(I. N. S.)—The treasury this afternoon extended to the French government an additional credit of \$100,000,000, bringing the total to France to \$1,765,000,000 and the aggregate allied credit to \$8,081,590,000.

Seaside Wants Low Fare to G. A. R. Meet

Washington, July 3.—(WASHINGTON BUREAU OF THE JOURNAL.)—L. L. Paget, mayor of Seaside, Or., has asked Representative Hawley as to the possibility of securing an excursion rate of 1 cent a mile between Portland and Seaside for visitors attending the G. A. R. reunion in Portland in August.

The request has been submitted to the railroad administration for reply. The policy of the administration is fairly well settled against low rates for "side trips," but this is presented as an exception in view of the occasion and the concession already made in rates to Portland.

Seattle School Man Studies Local Plans

Frank B. Cooper, city superintendent of schools of Seattle, arrived in Portland yesterday, his special mission being to study the plan of construction of portable schools, which has attained a high degree of success in this city. Mr. Cooper was taken in charge by L. R. Alderman, superintendent of schools of Portland. The educator has just completed 18 years of constant service at the head of the Seattle school system.

Seattle's school attendance will show an increase of 3000 pupils at the opening of the next term, according to Mr. Cooper. Accompanying Mr. Cooper is Wylie Hemphill, business manager of the Seattle schools.

Convalescent Makes Sacrifice

Paris, July 3.—(I. N. S.)—A fine example of sacrifice has just been shown by Ethelbert Warfield, son of Dr. W. E. Warfield, of Chambersburg, Pa. Warfield, who is only 21 years old, was accidentally wounded on June 21. While convalescent he learned that a wounded United States marine needed blood to save his life and immediately offered to submit to the transfusion himself. Luckily Warfield is recovering from the double shock.

Alliance to Be Dissolved

Washington, July 3.—(U. P.)—Without discussion or a roll call, the senate today voted to repeal the act incorporating the National German-American Alliance.

IF CHILDREN COULD GNAW JERKED VENISON IT WOULD AID TEETH

Jaw-Bone Development Necessary to Produce Shapely Teeth, Dentist Explains.

"People nowadays are too civilized to allow their young children to gnaw hunks of jerked venison, but it would be good for them," commented Dr. William Cavanaugh at yesterday's session of the Oregon State Dental association. Dr. Cavanaugh took the position that troubles with teeth begin long before the teeth appear and steps should be taken in infancy to secure the proper jawbone development that will produce shapely and healthy teeth.

He said adenoids are the most usual cause of bad teeth, because of the irregularity of jawbone structure they induce, chiefly because the child has to breathe through his mouth and thus retard development of the lower jaw.

He advanced the theory that children of tender years do not get enough fats in their diet, the result being that the second or permanent teeth are not properly nourished before the "deciduous" teeth fall out.

Dr. Cavanaugh deplored the extraction of "fushes," saying irregularity can and should be remedied by other means. Between 4 and 7 1/2 years is the best time of regulation for even and natural arch growth, he said.

Dr. Cavanaugh's lecture was discussed by Dr. W. A. Cumming, Dr. P. T. Meany, Dr. V. Litter of Albany, Dr. J. M. Miller of Eugene, Dr. W. H. Hanford of Corvallis, Dr. C. F. Lauderdale, Dr. O. D. Barber and Dr. O. D. Ireland.

At the afternoon session C. C. Chapman discussed "The Need of a Real Educational Campaign for Dentistry." The association held a dinner at Crown Point last night.

Pershing Elated Over Ship Program

Washington, July 3.—(I. N. S.)—The work of American ship workers in building over 450,000 tons of ships for launching on July 4 has brought the personal praise of General Pershing.

In a cablegram to Edward N. Hurley, chairman of the shipping board, Tuesday afternoon, the American commander says: "The launching of 100 ships on the Fourth of July is the most inspiring news that has come to us. With such backing we cannot fail to win."

200 Americans Are Held in Palestine

Washington, July 3.—(U. P.)—About 200 Americans are detained in Palestine by the Turks, according to the state department's best available information. The Americans lived in Jerusalem and were removed mainly to Damascus when the British moved forward and occupied the city.

Senate Passes Big Bill

Washington, July 3.—(U. P.)—The senate Tuesday passed the last of its great appropriation bills when it rushed through without roll call the \$50,000,000

Traffic Committee Returns From South

F. W. Robinson and Members of Portland District Traffic Committee Confer With San Francisco Board.

Chairman F. W. Robinson and members of the Portland district traffic committee returned yesterday morning from California, where have been in conference with the San Francisco district traffic committee. Other members of the Portland party were W. D. Skinner, traffic manager of the Spokane, Portland & Seattle railway; F. D. Burroughs, western traffic manager of the Milwaukee line in Seattle, and H. M. West, secretary to Mr. Robinson.

Discussion at the conference centered upon plans for the establishment of uniform rules and recommendations for rates governing import and export freight traffic on the Pacific coast. Uniformity of rates on shipments of fruit from Pacific coast states was also given consideration. The Portland committee has no report to make public at this time, according to Mr. Robinson. Announcement of traffic rules and of rate recommendations will be made at a later date.

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Large Revenue Returns Expected

Washington, July 3.—(U. P.)—The United States revenue returns for the fiscal year just closed are expected to reach the unprecedented total of \$4,000,000,000.

More than 25,000,000 gallons of turpentine are produced in the world every year, the United States leading all other nations.

Federal Jury Panel For July Is Drawn

The July panel for the United States district court has been announced as follows: L. Adams, Oregon City; John E. Aitchison, Portland; A. W. Albright, Marquam; S. W. Bailey, Portland; Adam J. Barr, Clatskanie; John W. Bickford, Portland; E. M. Brown, Portland; John Bled, Portland; J. J. Butzer, Portland; William C. Campbell, McMinnville; Andrew C. Catto, Portland; Walter A. Chesley, Portland; Frank M. Crabtree, Laurel; J. B. Duncan, Scappoose; Phil Fendall, Willamina; A. B. Flint, Beaverton; Ray I. Frederick, Portland; Aaron H. Gould, Portland; Joseph H. Gray, Portland; George Hammond, Portland; F. W. Henderson, Portland; R. J. Hutchcroft, Yamhill; E. J. Jeffery, Jr., Portland; Willis Ireland, Hillsboro; W. G. Miller, Newberg; C. E. Newhouse, Springbrook; L. T. Perry, Roy R. Quick, Frank J. Raley, Richard W. Ripley, Earl T. Scott, William D. Scott, Samuel H. Shaver, A. C. Stevens, Arthur J. Stimpson, H. G. Terry, C. M. Young and W. F. Young, Portland.

Portland Boys Earn \$421 Picking Fruit

The Dalles, Or., July 3.—Twenty-seven Portland boys left the Dalles for Salem Sunday night, with a check for \$421 from Dr. G. E. Sanders of this city. The boys, who are members of the United States Boys' Working Reserve, came to this city under the leadership of Mr. Dodson of the Portland Y. M. C. A. eight days ago, and, with the assistance of a few Indians, harvested the entire crop of cherries in the Sanders' orchards. During the time they were in the orchards they picked 14 tons of cherries.

The boys, who range in age from 13 to 17 years, have a system of self-government carried out entirely by themselves. A minor offense is punishable by serving with the "chain gang," which means that the culprit must serve a certain length of time in bringing wood for camp and other labor of the same kind, while, for a more serious offense the culprit is sentenced to the "padding machine."

Marine Engineers Receive Higher Pay

Washington, July 3.—(I. N. S.)—Marine engineers working for the Emergency Fleet corporation will receive time and a half for night work while vessels are in port, the shipping board announced today. In exceptional cases when night work is necessary for the safety of the ship the time and a half rule does not apply. Eight hours constitutes a day's work.

Sundays and legal holidays will come under the time and a half rule and engineers are forced to work on those days.

The engineers have agreed, for the duration of the war, to submit all grievances to the shipping board for adjustment before calling a strike.

Sproule Is Railroad Director of West

Chicago, July 3.—(U. P.)—Hale Holden, regional director of Central Western railroads, today announced the appointment of William G. Sproule of San Francisco to be district director, with direction over roads west of Salt Lake City.

The appointment of H. A. Scandrett of Chicago as traffic assistant, and F. E. Clarity of Denver as transportation assistant, were also announced. Scandrett and Clarity have offices in Chicago. Sproule, who is president of the Southern Pacific, will have his headquarters in San Francisco.

New Record for Ship Deliveries Is Made

Washington, July 3.—(I. N. S.)—A new American record for ship deliveries was established in June, when 280,400 deadweight tons were turned over, the shipping board announced late Tuesday afternoon. The total delivery for 1918 is now 1,084,670 deadweight tons.

Textile Strikers Granted Demands

Boston, July 3.—(I. N. S.)—The Dartington Textile company and the Eagle Weaving company of Pawtucket Tuesday acceded to the demands of striking textile workers and granted the demanded increase in wages of 33.50 a week for loom fixing, the highest wage in the history of the industry.

general deficiency bill. The appropriation for housing government workers remains at \$40,000,000, a reduction of \$50,000,000 from the amount asked.

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—by Boy Scouts

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A fascinating portrayal of the service of the Scouts in peace and war. It will thrill you with pride, boys—because it's YOUR photoplay.

There's a good comedy, too—

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TURN OUT IN FORCE AND BRING YOUR FOLKS AND YOUR FRIENDS.

STAR

THREE DAYS BEGINNING TODAY



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Yet statistics prove that through lack of business training on the part of beneficiaries, the greater part of insurance money is lost within a few years.

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