

Intercontinental Atomic Missiles Being Developed by U.S.; Accuracy Increasing

By CHARLES CORDDRY
United Press Correspondent
Washington — (U.P.) — Intercontinental guided missiles with atomic warheads which will flash 5,000 miles at speeds up to 9,000 miles an hour to hit a target area with a radius of about 10 miles are being developed for America's awesome arsenal of weapons.

Authorities disclosed Saturday how the new weapons will be more than 10 times as accurate as the German V-2 used against England in World War II and will have 25 times the range.

High defense department officials pictured these awesome

weapons of the future—no indication was given when they will be ready for use—in outlining an authoritative report, within security limits, on progress in the whole guided missile field.

At Pay-Off Stage
One of the officials asserted that "We are today at a pay-off stage in the state of development of the art that far exceeds anything anybody known to me has yet done."

Warning that there is no "absolute superiority" over Russia, he said the United States nevertheless aims to stay "one jump ahead" in both offensive and defensive weapons.

On the defensive side, the ex-

perts contended the Army's anti-aircraft guided missile Nike can attack planes of all the speed, altitude, and maneuvering ability that "we have any reason to expect to encounter." Nikes are being installed around major American cities.

Using the missile ring around the Capital as an example, an official said that a bomber will not be able to hurl an atomic bomb at Washington without coming within Nike range, that did not mean no bomber could get through and drop its weapon, however.

When the Russians will have an air-to-ground missile that a bomber could fire at Washington

from outside Nike range was not known, but "it is quite a trick to develop," the experts said.

Air Defense Missile
Meanwhile, the Air Force, it was pointed out, is developing the Bomarc air defense missile. The Bomarc actually is a pilotless fighter plane designed to reach out for great distances and track down bombers.

The defense department authorities, including top scientists, did not entirely share the pessimistic view some public figures have taken of defending the country against future intercontinental ballistic missiles.

"If you ask me when we will be able to counter it, that gets to be a hard question," an expert said. "But it isn't theoretically impossible to counter it."

The United States, it was indicated, is working on at least two varieties of intercontinental missiles. One is the ballistic type that streaks out of the atmosphere like an artillery shell at more than 12,500 feet per second. The second is the jet-propelled type that flies slower but can be more accurately controlled all the way to the target. The latter will be able to steer itself by the stars.

The aim is to have these 5,000-mile plus guided weapons strike within a circle about 20 miles in diameter.

No Test at Present
This country will not test one of these missiles until "they are accurate enough to deliver the payload with a fair probability into the target area," a scientist said.

Diplomatic and technical arrangements now are in progress to set up a 5,000-mile missile test range reaching from Banana River, Fla., across the South Atlantic to British-held Ascension Island. This country expects to fire missiles the length of the course, it was said, but they will be armed with test instruments instead of warheads.

Meeting Slated in Washington On Money for Talent Project

Jack Hoffbuhr, manager of the Medford Irrigation district, and Glenn Jackson, Medford businessman, are scheduled to confer in Washington, D.C., Wednesday with Presidential Assistant Sherman Adams concerning the Talent project, according to Paul Culbertson.

Speaking Friday at the annual meeting of the Fruitgrowers League of Jackson County, Culbertson said that despite the fact that no funds have been budgeted so far for the Talent project, the Medford Irrigation district expects to get \$1,800,000 in interest-free funds by July 1 for items including rehabilitation of the district's ditch system.

The budget, as announced by President Eisenhower last week in his budget message to congress, contains only \$30,000 for plans for the Talent project.

Senator Asks Funds
Sen. Richard Neuberger has called upon Interior Secretary Douglas McKay to include at least \$2,850,000 in the budget of the Bureau of Reclamation for the Talent project. This would include \$2,500,000 for start of construction of physical engineering works, and \$350,000 for restoring the canal systems of the Medford and Rogue River Valley Irrigation districts.

Culbertson was elected president of the Fruitgrowers league at Friday's meeting. He succeeds Orville Hamilton. Other new officers are Howard Bush, first vice-president, and Martin Luther Jr., second vice-president. Fred Moran was reelected secretary-treasurer.

Five members of the board of directors were reelected to three-year terms. They were Hamilton, Luther, W. G. Beard, Robert Norris, and Cecil Clemens. Ron James was elected to a three-year term, succeeding Ward Spatz.

Program Outlined
Speakers at Friday's meeting included John Higdon, of the Southern Oregon branch experiment station staff, who outlined the program conducted by the state last year.

Higdon listed five projects which were delayed or destroyed by the killing frost which hit the Rogue valley last May.

Among these was a study of pear tree nutrition, which Higdon said is the No. 1 problem in this area for pear orchardists. The study, which was being conducted in several county pear and peach orchards, covered the time and rate of application of fertilizers, spray applications, and other similar tests.

Present plans call for continued studies in this field, Higdon said.

Others Damaged
Other projects damaged by the frost were a study of use of chemicals to thin crops, studies of russet and pear scab, and fire blight control studies. In addition, several hundred pear crosses were lost in the freeze, Higdon said.

He noted other experiments conducted last year, including preliminary work on winter wat-

er tables, soil moisture studies, and others. Much of the program was exploratory, and a portion of it will be dropped to allow concentration on the fields that appear to be the most important, Higdon said.

Another speaker was Jim Reynolds, who is doing research work on the problem of stony pit, a disease which infects pear trees. Reynolds, working under a grant from the Fruitgrowers league, declared that the key to the entire problem is locating what he called an indicator plant, or a quick growing plant which would show symptoms of the disease in a short time. Many projects, in addition to the search for an indicator plant, are being conducted, Reynolds said.

Economic prospects for the coming years were discussed at the meeting by Elwood Hedberg, manager of the Medford branch

of the First National Bank of Portland.

Hedberg indicated that the economic future, both nationally and locally, appears to be good. He noted that "a profound readjustment has been accomplished since 1953 with a minimum of business fatalities," and pointed to increased construction and a high birth rate as signs that business will continue to be good.

Raymond Reter, local fruit packer and president of the Northwest Horticultural council, discussed export of fruit to European markets. He listed problems facing American orchardists, including shortage of dollars in European nations, and organized opposition to American fruit by European growers.

Market Important
It is important that American growers recapture this export market which they held before World War II, at least in some measure, Reter declared. He stated that recovery of this market would improve the domestic situation.

A report on irrigation prospects for the coming year was presented by Culbertson. He pointed out that the snow cover on five local courses was only about 21 per cent of normal as of Jan. 1. He said, however, that most districts are in better shape for delivery of what water they have than they were a year ago.

Kiwanis Kapers' Director Due Soon

Don Hansen of Lassen Theatrical productions will arrive in Medford on Jan. 20 to serve as advance director for the 1955 Kiwanis Kapers.

Medford Kiwanis club officials said that a meeting of Kapers committee chairmen will be called immediately after Hansen's arrival here.

Title of this year's show is "Tel-A-Version." It will be presented Feb. 23, 24, 25 and 26 at the high school auditorium.

The annual Kapers talent party has been set for the evening of Jan. 31 at the high school auditorium, with auditions at YMCA Saturday, Jan. 29. Various committees were chosen.

The next meeting is scheduled for Feb. 7.

Lottie Mae Combs, reporter.

Lehman Wants Oil Funds for Education

Washington — (U.P.) — Sen. Herbert H. Lehman (D-N.Y.) called on the administration Friday, to earmark revenues from off-shore oil leases for the nation's schools.

He told the Senate that Interior Secretary Douglas McKay reported this week that the government expects to get \$6,000,000,000 from the sale of off-shore leases and royalties.

Lehman said such disposition of the money would "atone in part" for "the infamous giveaway of the oil and gas deposits within the so-called inner continental shelf."

Lehman has joined with Sen. Lister Hill (D-Ala.) and a number of other Senators in supporting a bill which would set aside the oil revenues for school construction.

Edgar F. Tungate Dies in Japan

Butte Falls—Word has been received here by friends that Edgar Francis Tungate, 37, a former Butte Falls resident, died in a hospital in Yokohama, Japan, on Dec. 30.

The body of the deceased is being shipped to his home in Seattle for burial, and will arrive there about Jan. 28.

Mr. Tungate had been a chief electrician on a cargo ship for several years, shipping out of Seattle. He was born at Butte Falls on Nov. 12, 1917, and graduated from Butte Falls high school.

Survivors include his widow, Miriam, a son, Paul, and daughter, Susan, all Seattle; two daughters by a former marriage, Nancy and Judy, San Francisco; and his mother, Alice Speegle, Watsonville, Calif. His father died in 1934.

NO FAVORITE RELATIVITY

Hastings, Neb. — (U.P.) — Two tots were discussing what they would do if they found a million dollars on the street. One asked the other: "Would you try to find the owner and give the money back?" Said the second youngster: "Well, if he turned out to be a poor person, I sure would."

Thornton Discounts Plans to Appoint Attorney General

Pendleton — (U.P.) — Attorney General Robert Y. Thornton said Friday he doubted if the people of Oregon would let the job of attorney-general become appointive instead of elective.

His answer followed an announcement earlier that Sen. Warren Gill, Lebanon Republican, was planning to introduce such a bill in the Oregon senate.

Favors Appointment
Gill said he believed the governor should be permitted to hire his own lawyer and that his measure was not aimed at the only top state government post held by a Democrat.

Thornton said the job was not a matter of being a governor's lawyer so much as being a people's lawyer.

Said Thornton, "the need to keep this office independent was illustrated very clearly in the recent disclosure of illegal activities in the Oregon state liquor commission."

"The governor and the liquor commission handpicked their own attorneys to make an investigation of the liquor commission, completely bypassed the attorney-general."

Thornton termed such action as "monkey business" because the results of the probe have been kept secret.

SEMINAR SLATED
Salem — (U.P.) — A citizenship clearing house has scheduled a legislative seminar here Feb. 3-4. A Freeman Holmer, clearing house spokesman, said two outstanding students from each Oregon college plus a professor from each campus will be invited to observe legislative activity.

Thornton Accused of Representing Client While in State's Pay

Salem — (U.P.) — Attorney General Robert Y. Thornton was accused Saturday of representing a client in case against the state while he was a member of the Legislature—a practice that Thornton recently ruled is unconstitutional.

Sen. Warren McMinimee, Tillamook Republican, said Thornton had represented a client in a case against the state while he was holding the legislative office. Thornton is a Democrat.

Handled Case
Thornton, who returned from eastern Oregon Saturday, admitted he had handled a case involving claims against the state when he was a member of the House of Representatives, but said he was under the erroneous impression then that the practice was not unconstitutional.

McMinimee's letter to Thornton called attention to a ruling Thornton made Jan. 3 for Sen. Harry George Jr. of Portland that George could not represent clients in cases against the State Industrial Accident Commission while he held office as state senator, without violating the constitution.

Thornton's ruling also applies to other lawyer-lawmakers in the Oregon Legislature.

Questions Sign On Door
Sen. McMinimee further questioned whether Thornton has a right to have his name on the door of a private law office in Tillamook, representing himself as an attorney in private practice, when that law office currently is handling cases in which the state is a party.

Thornton said that when he

became attorney general he turned over his entire law practice over to his former partner, C. Ray Johnson.

As for his name on the door in Tillamook he said: I have no financial interest in the partnership whatsoever. When I left it to become attorney general I retained the right to re-purchase my interest within a four-year period. But I released completely any other interest in it."

Thornton said that actually there is no legal prohibition against an attorney practicing in private practice but he said he has not had any private cases since he took office.

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