



RECEIVING THE NAVY'S Meritorious Public Service Citation, Bob Hope (right) bows his head as Navy Secretary William B. Franke beams his approval. Award was made aboard the aircraft carrier USS Yorktown at Seattle, citing Hope for his entertainment of servicemen throughout the world. He also received honored lapel pin.

Navy Develops Radar For Hasty Detection Of Enemy Missiles

Washington—(UPI)—The Navy has developed experimental radar capable of detecting enemy ballistic missiles almost as soon as they leave their launching pads 5,000 miles away.

In announcing the project the Navy said the new device also could detect nuclear explosions at similar distances and "could be employed as one means of discovering violations of a nuclear test ban."

Dr. William J. Thaler, 33-year-old Navy scientist in charge of the project, said the new radar could be developed into an operational defense warning system against ballistic missile attack within a few years.

In United States Thaler would not say where the experimental radar is installed except that it is in the continental United States. He answered "no comment" when asked if any Russian missile launchings had been detected.

The new device is called "high frequency ionospheric back scatter radar." Its development means that Thaler has overcome one long standing limitation of radar—that it can see only in a straight line.

His experimental device, by bouncing radio waves off the ionosphere, can see beyond the horizon and in effect all the way to enemy missile launching areas across the oceans.

Theoretically, the device could detect a missile at any distance. However, the normal range of an intercontinental ballistic missile is 5,000 miles.

Doubles Warning Time
Thaler said he hoped the new radar could double the 15-minute warning time now expected in the event of missile attack. That warning would come from "conventional" radar being installed in

Application for Bank At Pendleton Filed
Pendleton—(UPI)—An application for a second state-chartered bank here has been filed in Salem with the State Superintendent of Banks.

The application was made by the Inland Empire bank with branches in Umatilla and Hermiston. It is headed by Roger Bounds, Umatilla.



ROYAL REVIEW—Britain's Queen Elizabeth II reviews honor guard on her arrival at Ballater, Scotland while enroute to summer holiday at royal residence at Balmoral with her husband and two children. As queen arrived, palace sources in London announced that she is expecting her third child next year.



Small Worlds Around Us

By Lynn M. Watkins

The Batfish Is Specialized

It is doubtful, that of all the 20,000 odd varieties of fish that have their homes in the seas, any have attained a greater digression in specialization than the Batfish. Here is a creature that crawls like a toad, swims something like a crippled fish, has a long, pointed snout like a fox, and a skin as warty as a toad's.

It was only natural to have named this fish after the bat, for the body is triangular in shape, sloping sharply back to a tiny, rudder-like tail.

The Batfish "walks", or more correctly hobbles, on peculiar finger-like projections under the ugly little body; these are actually extensions of the ventral and pectoral fins. The body is depressed, with peculiar, paddle-shaped fins on the extreme rear of the body. The over-all color of the Batfish is brick-red.

Long Snout
The long snout in the common Batfish, if such a creature can be called "common", is long, narrow and animal-like. The mouth is small. They are related to the so-called "Angler Fish," but do not have the overhanging, natural "bait" that the Angler fish uses to lure prey within striking distance of the mouth. In the Batfish clan, there is a "short-nosed" variety; his nose is just a "button." They are tropical fish, usually well under a foot in length, spending their entire lives in shallow water.

The Batfish has a peculiar stance while at rest. It sits in the mud, sort of propped up by its stubby tail, its head raised; it looks as if it was about to crawl up into the light; up from the mud and ooze of bygone centuries.

The fish's shape and actions seem reminiscent of prehistoric fish who, away back in geological history, in the age known as the Paleozoic, were struggling to escape to the dryland; or to retire farther into the ancient mud. Back then, many back-boned creatures crawled from the ooze, but the Batfish remained in the sea. Either then, or in the time since, he and his fellows have become highly specialized; or sadly degenerate; whichever way we prefer to look at it.

During the intervening time the Batfish has developed some mighty peculiar characteristics. It even has a "voice"; it has peculiar "legs" on which it pulls itself along. It has a snout like a fox; bright, beady eyes, and a skin as warty as a cucumber.

What manner of creature is this; a living fish whose history is as little known today as it was before mankind had a written language?

No one can say for sure whether its shape and purpose leads onward, up out of the mud, or backward, into the ooze, in the ocean's bottom. (Released by The Register and Tribune Syndicate, 1959)

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Airlines Files To Extend Service South to Nevada

West Coast Airlines Monday filed with the Civil Aeronautics board a route application to extend its service south from Boise and Salt Lake City to Las Vegas, Nev.

Two new route segments are requested to Las Vegas. One would be from Boise via Elko and Ely, Nev., and the other from Salt Lake City via Provo and Ely. The company proposes daily roundtrip schedules in each direction, to be flown with the Fairchild F-27 40-passenger turboprop transport.

If West Coast's present certificate is amended by the CAB to allow such service, Spokane and other Inland Empire cities would receive for the first time direct single-carrier service to the Nevada resort city.

On Sept. 1, West Coast will start service to Salt Lake City, Ogden and Logan, as the result of a recent CAB award. Service to Omak, Wash., will also start on Sept. 1, with service to Lakeview and Burns scheduled for Sept. 15.

The company presently has an application before the board to connect Boise and Salt Lake City with its present coast route serving Sacramento and Oakland-San Francisco via Winnemucca and Reno, and via Ely and Elko.

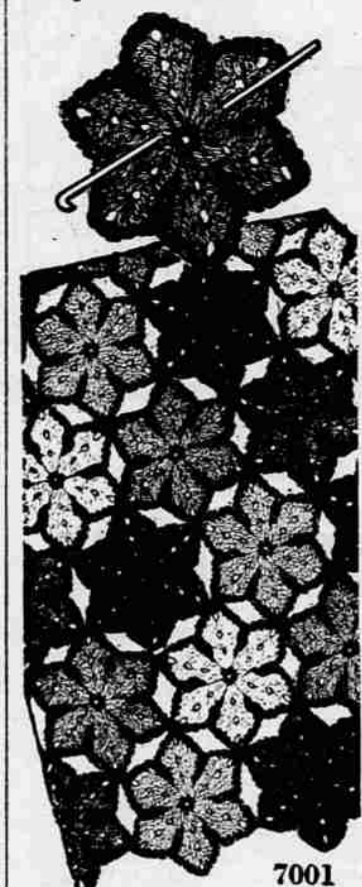
Average U.S. corn crop is about three billion bushels.

Arrested Man Found With Stolen Vehicle

Morris LeRoy Hoover, 19, of Concord, Calif., is being held in the county jail following his arrest by sheriff's deputies Saturday evening at the request of California authorities for parole violation.

At the time of his arrest he had a stolen car from Oakland, Calif., in his possession, deputies said.

Jiffy Crochet



7001
by Alice Brooks

Thrifty beauty! Use odds 'n' ends of wool—all colors—for this flower-garden afghan. Have fun, watch TV, chat with friends while you whip up this jiffy-crochet afghan. Pattern 7001: directions for 6-inch medallion in knitting worked.

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Wall Street Chatter

New York—(UPI)—The consensus in Wall Street is that the exchange visits of President Eisenhower and Premier Khrushchev will result in no dramatic softening of East-West tensions.

"Even if the meetings should lead eventually to a partial thaw, involving a reduction in defense expenditures, this almost certainly would not come about for a long time," says Standard & Poor's.

It sees no reason, either diplomatic or otherwise, to depart from a rather fully invested position. However, it cautions investors to be highly selective in making new purchases.

Shearson, Hammill & Co. also says a cutback in defense spending does not seem a near-term prospect, but it adds that the change in psychology brought about by announcement of the exchange visits cannot be ignored. It recommends a policy of caution.

Bondex says any thaw in the cold war could be bearish on the aircrafts and electronics, both of which are deeply involved in national defense projects. It says this prospect further dims an already not-overly-bright technical picture for the aircrafts.

Bache & Co. says while relaxation of international ten-

ODD PLACE, ODD TALK
Pasadena, Calif.—(UPI)—Amalgamated Flying Saucer clubs of America today announced that Prince Neason, billed as a man from another planet, will give a public lecture Wednesday. The place: Odd Fellows hall.

EX-COLLEGE HEAD DIES
New York—(UPI)—Dr. Louise Pearce, 74, former president of the Women's Medical College of Philadelphia, died Sunday in New York hospital.

Sweden's wheat yields are twice those of the U.S.

SOVIET EXHIBIT ENDS
New York—(UPI)—The Soviet Exhibition of Science, Technology and Culture closed its doors Monday after being viewed by an estimated 1,500,000 Americans. Alexei N. Manzhulo, director-general said comments of visitors during the exhibition's 42-day stand "showed that the American people, as well as the Soviet people, want to live in peace and to have fruitful, mutually advantageous cooperation which will be beneficial not only to those two countries but to the whole world."

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