

SATELLITE'S "HAT" TRANSMITS DATA—An artist's conception of the earth satellite over Patrick Air Force Base, Fla., shows it carrying a miniature model of the Vanan magnetometer (resembling a hat) which will transmit new data about the earth's magnetic field above the ionosphere and answer many important questions concerning magnetic disturbances in vital radio communications. The ingeniously simple magnetometer was invented by Dr. Russell H. Varian of Palo Alto, Calif.

Is That So?

By EUGENE BURNS
Ranger-Naturalist

Every pool of sea water, each beach at ebb tide, every pond, lake and stream contain members of a huge family of animals, the mollusks which include snails, oyster, slugs, and scallops.

More than 70,000 kinds of mollusks have been described. Some species are rare others like the oysters number in the uncountable billions.

Most mollusks have a shell, a



protective covering of calcareous material made of lime, which was secreted by the muscular body covering commonly called the mantle of the living animal within the shell.

Each species of shell-bearing mollusca creates its own particular shape and marking of shell and can be identified by its shell alone. A good conchologist, in fact, can tell by looking at a shell from which island it came from—and more, from which side of the island and often at what altitude!

The largest of all mollusks is the giant squid which has the further distinction of being the largest animal without a backbone in the world. Its body may reach a length of 19 feet, its tentacular arms another 35 feet, making a total length of almost 55 feet. Individual suckers on the tentacles are nearly 1 1/4 inches across. This giant squid has seldom been seen alive. It lives in the open sea, usually at great depths—and is usually found cast up dead on a beach, those of Newfoundland being the most frequently favored.

Great Delicacy

Of snails—which are considered a great delicacy in some countries—the largest is the Achatina achatina which measures seven inches in length.

The largest of all shells, and the highest bivalve known, is the giant clam *Tridacna gigas*. One alone will furnish a meal for a large gathering, providing from 20 to 30 pounds of meat. The shells are frequently more than three feet long and weigh more than 500 pounds. A specimen in the American Museum of Natural History in New York, measures 43 by 29 inches, and weighs 379 pounds—well over a quarter ton! The margin of each shell is deeply wavy and indented, each shell fitting closely into the opposite shell. The shells are used for many purposes such as baptismal fonts, holy-water receptacles, and babies' bathtubs in photographers' studios!

In North America, the largest mollusk is the rosy-lipped Queen conch shell found along the Atlantic coast. It may weigh as much as 5 pounds and its horny exterior measures over 11 inches. The more slender Horse conch may measure up to 24 inches in length. On the Pacific coast, a platter-shaped mollusk may measure 12 inches overall. Its shell is coarse and thick, brick red on the outside and a beautiful shimmering green and pink inside.

Pearl Most Famous
The tiniest of all shells belongs to a marine gastropod, *Homalogyra atomus*, from the Atlantic which is only 1/30 of an inch in diameter. Perhaps the most famous product of the mollusk family is the pearl—a protective secretory body formed around some irritant. They are now cultivated artificially, mainly in Japan where the art was first practiced.

The largest pearl in the world is the Hope pearl of 1,800 grains—almost three ounces. It is a fraction over three inches in length and has a circumference at its globular end of 4 1/2 inches. The largest known pearl of regular shape is known as the La Pellegrina which weighs 111 1/2 grams.

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Send FIFTY CENTS in coins for this pattern—add 5 cents for each pattern for last-class mailing. Send to Marian Martin, care of Medford Mail Tribune, Pattern Dept., 232 West 18th St., New York 11, N.Y. Print plainly NAME, ADDRESS with SIZE and STYLE NUMBER.

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Long Railroad Career Keeps Man Near Home

Deposit, N. Y.—Frank D. Andrews, 71-year-old Erie railroad, ended 41 years of service in January after having travelled some 250,000 miles in engine cabs but seldom getting more than eight miles from his home. Most of Andrews' railroad life was spent on a "pusher" that chugged along between Deposit and Gulf Summit, eight miles west of here.

Andrews hopes now to buy a new home—not near a railroad.

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Friday, June 21, 1957

MEDFORD (OREGON) MAIL TRIBUNE—E17B

OLCC Discusses Personnel Changes

Milwaukie, Ore.—The Oregon Liquor Control Commission met Thursday to discuss personnel changes due July 1 because of budget cuts.

Chairman High Kirkpatrick, said, "the meeting was for the purpose of counseling with the administrator on certain administrative and personnel changes scheduled to go into effect July 1, which precedes the regularly scheduled monthly meeting."

He added, "We are placing into

effect working arrangements and personnel adjustments as are brought about by the commission's recommendation to the Ways and Means committee that \$365,000 be slashed from the biennial budget requested by the previous commission."

Positions abolished were those of informational representative, assistant administrator, enforcement supervisor and two assistant enforcement supervisor positions.

Some positions of lesser importance also were abolished.

Staff Member Added To GP Field Office

Grants Pass—A new staff member has been added to the state department of geology and mineral industries field office at Grants Pass. He is Norman V. Person, who graduated from the University of Oregon in 1956.

Peterson will aid Len Ramp in operating the Grants Pass office. He is replacing Max Schaefer and will continue the research project on uranium occurrences in Oregon started by Schaefer.

A native of Minnesota, Peterson has served with the Navy and the Air Force. He entered the University of Oregon in 1952, graduated in 1956, and obtained his master's degree in June of this year. He is married and has three children.

Grange Notes

Lake Creek Grange

Mrs. Arthur Burrell, Lake Creek, has returned to her home after her stay at the Sacred Heart hospital. We are happy to know that she is improving daily and may have company.

Claus Charley, acting lecturer, announced many topics of world interest to be prepared on to discuss at our meetings. Lecturer Faye Burrell has not returned from her trip to visit with her daughter and family.

Strawberries and cake were served. The strawberries were furnished by the Ira Woolfolk and Loyd George families. Next Grange meeting will be held on July 12 at 8:30 p.m. Elynn Charley, Secretary.

Phantom Disc Jockey Invades Police Radio

Buffalo, N. Y.—A phantom disc jockey invaded the police radio network of several western New York communities recently to air the latest in hit tunes, news, sports and commercials.

The program disrupted inter-community communications so police radio operators were barely able to dispatch patrol cars to trouble spots.

Police finally traced the call letters of the FM station to WRRN in Warren, Pa.

N.M. Industry

Albuquerque, N.M.—There are 1,091 manufacturing plants in New Mexico, according to a publication of the State Manufacturing Association. This represents a 22 per cent increase over the 893 plants listed two years ago. The directory said 322 of the plants were in the Albuquerque area.

CASH!

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Feeding the Family

By ZOLA VINCENT
Food Editor

Spicy Frankfurter Casserole

As hot weather becomes more so, casseroles and other dishes, like this one, that take easily to either indoor or outdoor dining become increasingly popular. Bake in heavy casserole which can later sport a lid to help retain the heat.

- 2 cups medium cream sauce
 - 1 cup shredded sharp cheddar cheese
 - 3 tablespoons minced green pepper
 - 3 hard-cooked eggs, chopped
 - 1 tablespoon dried parsley flakes
 - 1 1/2 tablespoons dry mustard
 - 1/16 teaspoon black pepper
 - 1/2 teaspoon salt
 - 2 cups cooked spaghetti (5-ounces)
 - 1/2 medium onion, thinly sliced
 - 6 frankfurters
 - Catsup
 - 1/2 cup sliced stuffed olives
- Combine first nine ingredients. Mix gently with spaghetti. Place half the mixture in bottom of greased 1-quart casserole. Top with onion slices. Cover with remaining spaghetti mixture. Bake in moderate oven, 350 degrees, 15 minutes. Dip frankfurters in catsup and arrange on top. Bake 15 minutes longer. Garnish top with olives and serve. Makes four to six servings.

Filled Tomato Salads

Filled tomato salads are always delicious and a real flavor treat. Try this, we think you'll like its cheese-tuna filling. Makes six servings.

- 1 cup ripe olives
- 6 medium-sized tomatoes
- celery salt
- 1 (3-ounce) package cream cheese
- 3 tablespoons mayonnaise
- 1 tablespoon lemon juice
- 1/2 cup flaked tuna
- Salt, pepper and paprika.
- Greens for garnish

Ice Cream Most Popular Dessert

We're eating more ice cream all the time. More people order ice cream in restaurants than all other desserts combined. Last year we consumed 850 million gallons of commercially frozen desserts and that doesn't include unguessed tons of home made varieties.

It is estimated that 250 of those million gallons went home in half gallon containers. Home freezers are of course the important factor responsible for this trend. No more "run down to the drug store for a quart of ice cream, and hurry home before it melts."

Ice cream is essentially a dairy product. State laws control weight per gallon and amount of butter fat which usually is well above the requirement as ice cream makers take pride in product quality. Limitation and dieters ice creams must be clearly marked and are handled separately from ice cream storage areas.

Make Mine Vanilla

Vanilla ice cream continues to lead the flavor parade doing 51 per cent of the business. Chocolate does 12 per cent and strawberry under 9 per cent. Strawberry is being pushed hard by cherry and is likely to be passed. Perhaps 200 other varieties and novelties account for the rest, with new ones showing up

and fading out right along. We've observed such delights as borscht, tomato, apple strudel and even sauerkraut ice cream.

Sip and Spoon These

For Summer sipping through a straw and subsequent spooning, scoop ice cream into tall glasses; pour over practically any favored beverage that bubbles, ginger ale, any of the "sodas" or "colas," root beer, orange or other fruit juices with ginger ale added. Stir vigorously and alternately sip and spoon.

Parmesan Veal Chops

Family and friends will rave about these. To serve four. Score fat on edges of four veal chops; sprinkle with salt and pepper and dip into flour. Beat one egg lightly. Dip floured chops into beaten egg then into one-half cup Parmesan cheese. Brown slowly in about two tablespoons of butter. When brown add three-fourth cup California sauterne or other white table wine; cover and simmer until meat is tender, and wine is almost evaporated.

Summertime Vegetables

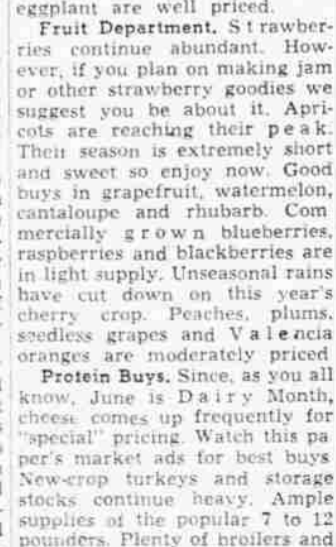
Fruits in Abundance
Summertime vegetables and fruits are coming to market in ever increasing quantity. The flow of fresh produce during the summer months is a gradual changing in peak of production goodness from one favored vegetable or fruit to another. If you plan to can, freeze or otherwise preserve some of this year's bounty, we suggest you check with your produce man right along for the very best time to do your "putting up." One thing sure, the prices on your home preserved foods won't go up in the fall or winter as they do on many commercial packs.

Vegetable Department. Right now asparagus, green peas and new potatoes are disappearing. They are being replaced by an abundant supply of corn on the cob; tomatoes that are getting bigger and tastier; and a good supply of cucumbers, green beans, lima beans, summer squash and onions just waiting to be consumed. Spinach and other greens are in good supply. Top quality lettuce is available. Long White potatoes are in excellent supply. This clean, smooth, thin skinned potato is easy to prepare for cooking and has an extremely small amount of waste. Cabbage, broccoli, carrots, celery, green peppers and eggplant are well priced.

Fruit Department. Strawberries continue abundant. However, if you plan on making jam or other strawberry goodies we suggest you be about it. Apricots are reaching their peak. Their season is extremely short and sweet so enjoy now. Good buys in grapefruit, watermelon, cantaloupe and rhubarb. Commercially grown blueberries, raspberries and blackberries are in light supply. Unseasonal rains have cut down on this year's cherry crop. Peaches, plums, seedless grapes and Valencia oranges are moderately priced.

Protein Buys. Since, as you all know, June is Dairy Month, cheese comes up frequently for "special" pricing. Watch this paper's market ads for best buys. New-crop turkeys and storage stocks continue heavy. Ample supplies of the popular 7 to 12 pounders. Plenty of broilers and fryers to fill the bill. Eggs are plentiful; prices very reasonable. Beef offers some good buys in chuck, rounds and always economical ground beef. Lamb prices continue steady with cuts for stewing the best buy. Cod, halibut, sole, salmon, frozen fish sticks and canned tuna are good buys.

Another Bridge for Bay Area



ANOTHER BRIDGE FOR BAY AREA—An experienced American Bridge Division crew swings this huge 37-ton steel tower section into place to start construction of a new Carquinez Bridge alongside the old, famed curved bridge. This is the first piece of more than 15,000 tons which will be erected by U. S. Steel in building the span. The bridge spans the strait at the northern end of San Francisco Bay between Crockett and Vallejo. It will eliminate serious traffic problem on heavily traveled U. S. Route 40.

Thornton Rules on Wasco Tax Case

The Dalles—Attorney General Robert Y. Thornton has issued an opinion on the Northern Wasco County Peoples Utility District tax abatement case which leaves the thorny legal controversy in the hands of the courts.

Thornton's opinion was the second issued in the case. The first said the Wasco county court did not have the authority to abate \$11,457 worth of interest on taxes owed by the PUD. The abatement, however, was granted by the court before Thornton's statement reached The Dalles.

Since the first opinion on May 15, the PUD's attorney, Raymond Kell, threatened legal action against the county court. The court, feeling the threat placed a new light on the case, asked for Thornton's second opinion, received Thursday.

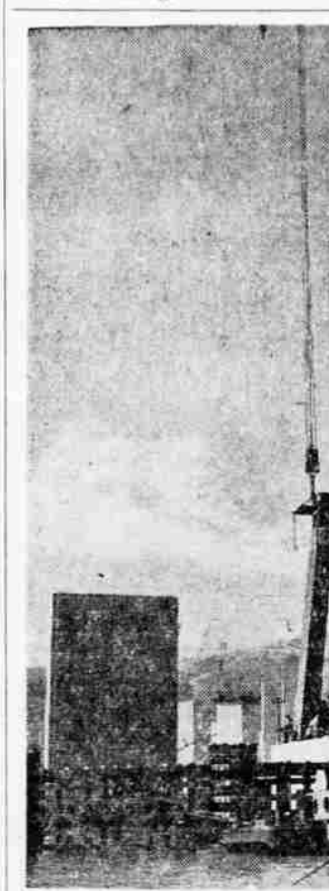
The PUD has fought payment of its county tax. The State Supreme Court ruled this spring that the taxes were owed and the PUD paid \$42,928 and the court abated interest on that sum.

Thornton's opinion received by the court said he still believed the court had no authority to abate the interest but that the final judgment should be rendered by the courts and not by the attorney.

New Timepiece Good For Only Part of Day

Boston—Talk about progress. In remodeling the old State House here, which dates back to 1713, workmen replaced a new-fangled clock with an ancient wall sun dial.

Because of shadows from the high surrounding buildings, Bostonians will be able to tell time by the sun dial only during part of each morning.



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