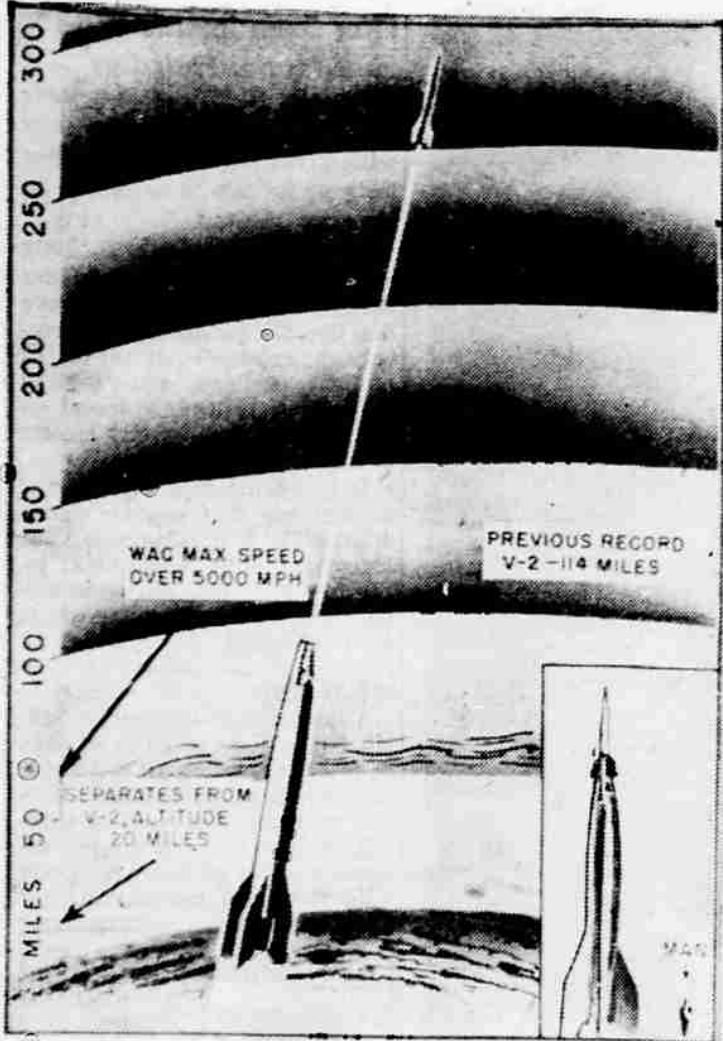




SHARP PENCILS are being used by scientists these days to figure out best method of firing proposed earth satellite to point 300 or more miles above earth. Diagram is method used to fire German V-2 rocket and Wac Corporal 250 miles in sky back in 1949, using two separate power plants. (International)

Geophysics Said Nothing New; Widest Coordinated Understanding Necessary

Editor's Note: Professor Marcel Nicolet, who wrote the following dispatch for United Press, is secretary-general of the special committee for the International Geophysical Year, 1957-58, in which the United States plans to launch the first artificial earth satellite. At 43, Nicolet is an internationally acknowledged expert on high atmosphere physics and meteorology.

By PROF. MARCEL NICOLET
Written for United Press

Brussels —(U.P.)— In the past week the world has been bombarded by the word "geophysics." Its imagination has been caught by America's project to fire a satellite into outer space. Geophysics is nothing new. Of all sciences it necessitates the widest coordinated understanding of experimental, theoretical and mathematical problems. Geophysical observations are

of value when they are synchronized on a global scale and in large numbers.

Must Complement Each Other

In terrestrial and atmospheric physics and aeronomy (the new word which has sprung up to define physical processes occurring at high altitudes) it has become evident that observations must complement each other if any progress is to be made.

For example, in mathematical research connected with geophysics the scientists must possess a profound knowledge of several scientific subjects in order to simplify his mathematical expressions.

The Geophysical Year was conceived by Dr. L. V. Berkner,

president of the Associated Universities Inc., and former member of the Carnegie Institution of Washington.

The first step will be in the field of meteorology, with establishment of a network of stations to sound out the higher layers of the atmosphere. This network will extend from the North Pole to the South Pole.

Lights To Be Observed

The northern and southern lights (auroras) will be observed from a chain of stations situated around the earth about 20 degrees from each pole.

In addition, more than 100 stations will send radio waves into the ionosphere in order to determine with extreme accuracy

the physical conditions prevailing there and to predict with certainty the circumstances in which radio communication is possible.

And this will be carried out during the "year" simultaneously with international studies in such sciences as glaciology and oceanography.

High-Altitude Readings

These ground observations will be complemented by high altitude readings from rockets to be launched from the United States, the Arctic, the Antarctic, Japan, Australia, the Sahara, etc. The rockets will transmit back information concerning temperature, density, pressure, radiation, etc.

To complete these varied observations it was suggested at the special committee meeting in Rome last October that the possibility of launching a satellite be studied.

Last Friday's announcement that the United States would build such a satellite completed the chain.

4-H Club News

Westside 4H Club

Westside club weighed their livestock the morning of July 17 then all went to Tou Velle Park for a picnic.

The next meeting will be held Aug. 8 at Thurman Barnes' on Beall Lane at 7:30 p.m. We will be given details about the 4-H county fair. After the meeting there will be a watermelon feed.

Marie Swearingen, Reporter.



STARTING CONFERENCE looking toward improving relations between Red China and United States, Wang Ping-nan (left, end of table) and U. Alexis Johnson (top, right), U. S. ambassador to Czechoslovakia, meet in Geneva. (International)

Portland Used Car Dealer Sues Association

Portland —(U.P.)— Charles S. Johnston, Portland used car salesman, has filed a \$50,000 damage suit in Multnomah county Circuit Court against the Automobile Dealers Association of Portland and others.

The suit is an outgrowth of Johnston's arrest May 4 on a charge of violating the city ordinance prohibiting car sales on Sunday.

Johnston was acquitted in Municipal Court July 6. In his suit he states that publicity given the case has injured his reputation and name.

Kansas is said to be the geographic center of the United States.

US TO AID BOLIVIA
La Paz, Bolivia —(U.P.)— The United States will contribute \$75,000 and technical personnel towards building new roads and improving old ones in Bolivia under an agreement signed Wednesday.

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Siskiyou Supervisors Vote Levy for Roads

Yreka—The board of supervisors of Siskiyou county has voted to levy a general property tax of 20 cents on each \$100 assessed valuation for county roads.

The levy will raise some \$97,600 for the road department, which would have gone an estimated \$84,500 into the red without it, the supervisors said.

Western Hotels Leases Olympic in Seattle

Portland —(U.P.)— A large hotel corporation said today it leased the 1000-room Olympic hotel in Seattle.

The lease was acquired by Western Hotels, Inc., which operates 21 hotels in 16 Western cities, from William Edris, former Olympic operator. Price of the lease was not disclosed.

Harvard Boasts Largest Bass Drum in Nation

Cambridge, Mass. —(U.P.)— Harvard hopes to regain the title of college bass drum champ.

For many years Harvard's band boasted the biggest bass drum in the nation. But last year this oversize instrument collapsed and had to be retired.

Now Harvard is awaiting delivery of a replacement, an \$800 bass drum that is six feet in diameter and two feet deep. This compares with the University of Florida's bass drum which also is 72 inches in diameter but is only 22 inches deep.

TOKYO STORM FATAL

Tokyo —(U.P.)— A freak cold wave hit this sweltering city Wednesday and caused violent thunderstorms that killed at least seven persons, burned several houses and snarled railway traffic.

Use Mail Tribune Want Ads

Three-Way Power Struggle Said Being Fought Out in Argentina

Santiago, Chile —(U.P.)— A grim three-way struggle for power is being fought out behind the scenes in Argentina.

Trustworthy advisers from Buenos Aires said today that:

1. President Juan D. Peron is trying to regain the prestige he lost in his fight with the Roman Catholic Church.

2. The army is trying to ease Peron out gently.

3. The remnants of the men who organized the June 16 revolt against Peron have not given up. The original movement against Peron was not restricted to the navy, as was indicated at the time. It was more widespread than is generally realized.

Gain in Strength Believed

Peron evidently believes he is gaining strength. This is shown by the bolder tone of the editorials in the Peronist newspapers.

The army is plagued by jealousies and other difficulties. Its top brass lacks a candidate for leadership who is capable of organizing and maintaining support.

The army also is handicapped by the fact that some of its leaders have been pretty well bought by Peron. Some of them own big estates and have enjoyed various kinds of rakeoffs. There is a third force in the army. It consists of the younger

men who have no ranches. They are dissatisfied over the delay in Peron's exit.

Refugees from Argentina expect developments from this third group.

Refuses Radio Time

An indication that Peron feels stronger in his refusal to grant radio time to Dr. Jorge Perkins, a leader of the Radical party,

Laughlin Steel Starts Work on Runway for Crane

Installation of steel supports for a crane runway started today at the Laughlin Alloy Steel company plant at White City, J. N. Laughlin, president of the company, has announced.

Concrete piers for the 260-foot, 10-ton crane were poured last week, and foundation for the building has been completed. The steel building will be erected as soon as the crane runway is complete, Laughlin said.

The new building will be an extension of the present structure, which was a machine shop for repairing heavy army equipment at Camp White during World War II. The new structure will house electric furnaces and melting facilities, and the old building will house casting facilities.

A 20-ton transformer for the plant has arrived from Portland, and electric furnaces are expected soon.

David Trudeau, who came here from New Jersey, will be melting and foundry department manager, Laughlin said.

30 To Arrive For Reunion of Band

About 30 out-of-town people are expected to arrive beginning Friday to attend the 10th annual reunion of the former band members of the 249th coast artillery of the 41st division, Mrs. Claude Lewis, wife of the local chairman said today.

The reunion will be held at the Rogue River lodge where the visitors also will stay for the week end. The banquet is set for Saturday evening and a picnic will be held on the lawns of the lodge on Sunday. The picnic is open to all friends of the group who wish to attend.

Charles Gould, father of Mrs. Lewis, has made a plaque in the form of the insignia formerly worn by the bandmen, which will commemorate the various reunions and will be presented each year to the chairman of the events, known in the organization as "The Big Red Bird."

Salem Man Succumbs To Race Track Hurts

Salem —(U.P.)— Richard S. Ketchum, 21, Salem, died in a local hospital yesterday from injuries suffered at a race track accident here last Saturday.

Ketchum was one of five persons injured when a race car struck a guard rail near a turn. The others were not hurt seriously.

Ketchum was born at McMinnville in 1933 and attended Amity high school. He was the son of Mr. and Mrs. Ed Ketchum of Salem.

Mental Health Survey Planned in Oregon

Salem —(U.P.)— Preliminary plans for a comprehensive mental health survey in Oregon in the next few months were made here yesterday by a committee of professional and lay volunteers.

The committee, appointed by Gov. Paul L. Patterson, proposed to mail several thousand copies of questionnaires to educators, doctors, psychologists and others throughout the state.

The returned forms will be studied and a report made on the assembled data.

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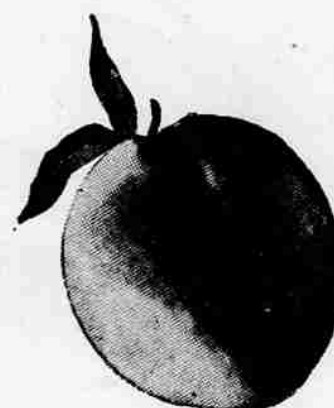
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H & D — 10-Oz. Can Oysters 4 for **\$1.00**

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Market Brand Sardines 2 for **39c**

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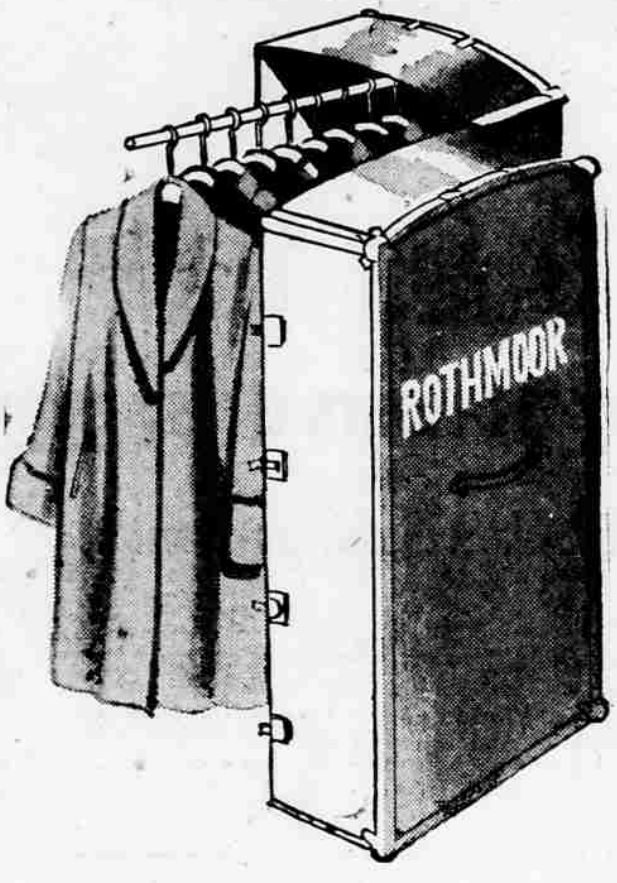
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