



TWO NYSSA HIGH SCHOOL STUDENTS were sworn into the U. S. Naval Reserve last Friday afternoon by CWO Dirick Nedry, USNR (Ret). Taking the oath are Michael William Franklin, son of Mr. and Mrs. Robert Franklin and David Alan Greig, son of Mrs. Lone Greig. CPO Pat Ruth, officer in charge

of the U.S. Navy Recruiting Station in Ontario looks on.

The two youths will go on active duty next June after graduation from high school. After boot camp they will attend a Navy school before serving with the fleet.

School Bus Safety Committee Formed

An independent study group named by State School Superintendent Verne A. Duncan to analyze school bus safety practices in Oregon, held its first meeting Tuesday in Salem.

Saying he wants a comprehensive, independent evaluation, Duncan asked the group to submit a report to him by January 31.

Former Congresswoman Edith Green, who heads the group, said the five members represent no special interest. "We are more likely to represent parents and grandparents," she said.

Other members are Norm Howard, state senator from Portland; Leonard Rice, president of Oregon College of Education; Teddy Tanaka

(Mrs. Gus), an Ontario realtor, and Dan Hitchcock, an executive with the Medford Office of Pacific Power and Light Company.

Jack Sperr, Oregon Department of Education pupil transportation coordinator, outlined past and present school bus safety practices, and the group took a ride in an Oregon school bus.

The next meeting is Monday, October 25, at 9 a.m. in Rm. 109 of the Oregon Department of Education.

News About SERVICEMEN

Pvt. Loyd Broner

Ft. Campbell, Ky. - Army Private Loyd R. Broner, 19, son of Mr. and Mrs. John S. Priester, Parma, is one of the thousands of American and Allied troops who took part in NATO Exercise Reforger 76 in Germany.

Reforger 76 was two separate major field training exercises conducted in the states of Bavaria and Hesse, Germany. It included participating elements of NATO forces of the U.S., Belgium, Canada, and Germany.

Different from past reforgers, this year a U.S. based unit was deployed to Europe with its equipment instead of picking up equipment already stored. Belgium, Luxembourg and the Netherlands are playing an active part in receiving and deploying equipment from areas in their countries.

Pvt. Broner is regularly assigned as a rifleman in the 101st Airborne Division at Ft. Campbell, Kentucky.

Studded Tires Okay After November 1

Under state law, studded tires are permitted in Oregon during the period November 1 through April 30, H. Scott Coulter, state highway engineer, announced today.

He asked that users defer putting them on their cars until they are necessary because of the damage they cause to non-snow covered pavements. Highway Division cars again this year will not be equipped with studded tires, Coulter said.

A statement released by the Federal Highway Administration last year stated that studded tires do more harm than good from a safety standpoint, and also cause extensive and expensive damage to highway surfaces. The statement added that studded tires have a minimal effect on reducing stopping distances.

The Transportation Commission has the authority to lengthen or shorten the

statutory period for the use of studded tires if deemed necessary.

Your County Agent Says

The only cow that has any chance of making you any money is one that will calve and raise that calf to weaning. This should suggest a good management practice to you - pre-test those cows. You not only feel more confident of a calf crop but you weed out those late calves or slow breeders. Over a period of years you'll increase your calf crop and have them all drop in a shorter period leading to a more uniform calf crop.

Depending on numbers to pre-test and facilities with which to work your veterinarian will do the job at a reasonable fee when you consider that waiting on one cow will burn up a ton of hay that a productive cow might just as well be getting.

Those culls too can bring pretty good money in. A utility cow weighing around or over 1,000 lbs. is worth \$200.00 for slaughter.

If warbles or heel flies have been a problem in your cattle, there is a solution to the problem as close as your feed and chemical dealers shelves. Spraying in the fall with a systemic controls grubs in the backs of cattle and thereby the heel fly, adult of the warbles. In addition these systemics when sprayed on give a bonus of excellent louse control. Either one makes it worth the cost but when you bet both - you get a dividend.

WHAT A SHARK



Quite a Problem

It was during the hunting season, and one day two fellows who had shot a deer started pulling it by the tail toward their car.

Then another hunter came along and said, "I think it would be easier if you would pull it by the antlers."

The hunters accepted the suggestion and very shortly one said to the other, "This is a lot easier."

Then the other man said, "Yup. But do you notice we are getting farther and farther away from the car?"

Contributed by Jake Fischer

NEWS

IN PICTURES

The Beautiful Face Of America

America ought to be in pictures. And now it is.

That's because space photo experts and skilled geographers have put together a vivid 10 x 16 foot photo showing how the 48 contiguous states appear from 570 miles in space.

The map, a Bicentennial project of the General Electric Co., portrays American plains and mountains, farms and forests, cities and wilderness with far greater fidelity and less distortion than maps created with aerial photography.

The portrait is actually composed of 569 scenes provided by Landsat, the satellite which continuously records pictures of the earth's resources. More than 30,000 of these scenes were reviewed to achieve a cloud free view of the U.S. It appeared in a large foldout version in the July issue of National Geographic magazine. Leading newspapers will also publish it, and a four-foot wall chart version, with supplemental interpretive information, will also be made available.

Landsat images, each covering an area of 13,225 square miles, are used by scientists to obtain information about the earth's surface which can be applied to such disciplines as geology, land-use planning and environmental monitoring. The images which are created by utilizing data gathered by the satellite's multispectral scanner are printed through specially-colored film which enhances soil, vegetation and geological boundaries.

The map is comprised of these false color images in which red becomes the signature color for vegetation and grey indicates built-up areas and roads. The map clearly shows the contrast between the worn, curving ridges of the Appalachian chain and the irregular, jagged peaks of the Rockies.

The task of producing such a cartographically accurate, photographic map of the United States presented a unique challenge to the staff



PICTURES TAKEN from the space satellite Landsat, 570 miles in space, show the contours of America.



SCIENTISTS put together 569 different scenes to get a perfect map of the 48 contiguous states.

at the General Electric Space Division. To assure that the proper proportions were maintained, a special photographic method was devised to reproduce the image. A uniquely-designed camera, almost as large as a small room, was built and equipped with a 70 inch lens—one of only three such lenses in the country.

The other half of the project, creating the map itself, was equally challenging. The 30,000 Landsat images reviewed by the photo lab staff were narrowed down to about 650 potential scenes for use in the final portrait. Each Landsat scene was painstakingly color-matched so as to present a uniform appearance on the map. The color-matched scenes were then laid out on one of 16 regional sections,

THE MAP was made with specially colored-film which enhances soil, vegetation, and geological boundaries.

each section containing approximately 35 scenes. Natural features such as rivers, mountains, and deserts served to conceal points where the scenes were joined.

After the 16 regional scenes were completed, each one was copied onto a 40 inch negative. The prints were then transferred to a large wall, where they were attached to create the 10 by 16 foot picture of the United States.

Although the project took only about 5 months, the number of people and the amount of time invested to produce the mosaic worked out to more than three man-years. The result is a masterpiece of map-making, but then, three years is a long time to work on anyone's portrait—even America's.

"THE NUCLEAR ENERGY BAN MEASURE WOULD WASTE NATURAL RESOURCES."

Everyone knows that the world's oil and gas resources are being rapidly depleted. No more acceptable hydroelectric sites are available. Solar and wind power are far in the future, yet to be proved. Means are not available to mine and deliver enough coal to satisfy power-generating needs. Coal, gas and oil must be conserved to meet other needs. Your NO vote will help assure conservation, eliminate waste.

HENRY R. RICHMOND
Former Administrator
Bonneville Power
Administration



**THE MORE YOU KNOW ABOUT IT
THE LESS YOU'LL LIKE IT
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IT BANS NUCLEAR ENERGY**

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