



Robert Seaman and his three sons are students in Auto Repair Program at Portland Community College. From left to right: Mr. Seaman, Ron, Robert, and Rick Seaman. The family lives at 2732 S.E. 129th Avenue, Portland. Family plans to open own auto repair shop when they have completed the PCC program.

Auto repair class family affair

Like father, like son... like son... like son. Robert Seaman and three of his five sons are students in Portland Community College's Auto Body Repair program. Seaman, a butcher for 15 years, decided to enter the auto repair program after he was laid-off last summer. He entered the program in September, son Rick, 21, began his first term in January, and Spring term, Ron, 18, and Bob, 16, registered for classes. All agree that their program was that they "like cars and working with their hands."

After the Seamans complete the three-term PCC program,

they will serve an apprenticeship in different auto repair shops. Then they hope to start their own shop with Rick specializing in custom work. It will be strictly a family affair with Mrs. Seaman and a sister handling the secretarial-bookkeeping duties.

Auto repair classes are taught at PCC's Cascade Transportation and Technology Center, 5131 N.E. Union, Portland. During the first term a student learns gas welding, paint preparation, and how to align fenders, hoods and grills, radiator shells, etc. In the second term he demonstrates metal finishing

and shrinking of metals, use and application of plastics, and estimating damage. During the third and final term, the student specializes in alignment of body, replacing turret tops and body panels, and is introduced to arc welding. A two-year associate degree is being developed. Students work on actual wrecked vehicles during the laboratory class period.

For more information on the Auto Repair program at Portland Community College, call the Cascade Transportation and Technology Center, 288-8159.

Underwater breathing brings research

Surgical masks are standard costumes in operating rooms. But scuba gear may be the next cycle.

At Indiana University Hospital in Indianapolis, operating room personnel wear surgical masks connected to respiratory systems that function like scuba masks. Air is supplied, while exhaled carbon dioxide is directed away from the operating area. A gentle breeze of sterile air is blown constantly over the patient.

In the real underwater world, a scuba diver straps to his body the equipment that supplies his air and removes the carbon dioxide he exhales. The air he breathes, underwaters as well as out of the water, is one-fifth oxygen and four-fifths nitrogen. But nitrogen becomes narcotic to divers after a depth of about 40 yards. At deeper levels, divers have to carry expensive helium instead of nitrogen.

Scientists are looking for ways to increase man's ability to breathe underwater without masks. At the University of Marseilles in France, Dr. Jacques Chouteau kept two goats alive for a full day in a pressure chamber simulating conditions 300 yards underwater. The unusual aspect of the experiment was that a cylinder filled with a gas called potassium superoxide kept reconverts just the right amount of oxygen in the chamber. The goats, incidentally, thrived on their daily ration of one cigarette, which they ate with obvious pleasure.

One day man can live under the sea if he can figure out how to breathe just the right combination of gases.

In the meantime, to find out more about the many problems of breathing above water, contact your local tuberculosis and respiratory disease association. It really is a matter of life and breath.

It's Your Navy

Jerry F. is concerned about the environment and asks: "What is the Navy doing about pollution control?" Since the Navy is also concerned it has passed the ecology "buck" to the Navy Civil Engineering Laboratory (NCEL) here and it will pass no further.

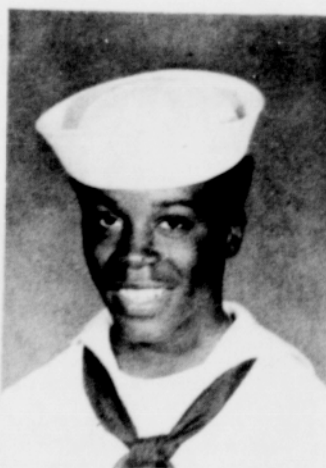
The buck, in this case, is a major responsibility in the Navy's all-out war against environmental pollution of all kinds, a battle that NCEL entered on a large scale when it was named deputy manager of the Navywide Environmental Protection Data Base Program.

In later years, when someone asks "What did you do in the war against pollution, Navy?", NCEL will be able to reply with this impressive list of accomplishments:

- Set up an entire Department, staffed by outstanding specialists in the field of environmental pollution.
 - Set up pilot test programs to study all forms of pollution at Pearl Harbor, Hawaii, and at the North Island Naval Air Station, San Diego.
 - Trained and equipped special teams to investigate pollution problems at Naval installations across the country.
 - Gathered data on smoke-stack emissions, noise levels, ground water pollution, contamination by pesticides, leaking from solid wastes.
 - Developed both hardware and techniques for control of pollution of various kinds, including oil spills.
 - Established a data base for rapid dissemination of pollution information throughout the Navy.
- Every known source of environmental contamination is being studied by highly qualified people, and the information developed by these investigations will be analyzed and evaluated for use in follow-up control actions. More immediately ships are now required to pump bilge water into waste barges for treatment before it is released into

the environment, it is converting its ships to distillate fuel (diesel) which burns cleaner than black oil, and is installing sewage treatment plants in its new ships as they are built.

I hope this answers your question. If you have any others, write to me at: Lt. John S. Gladics, U.S. Navy Recruiting Station 921 S.W. Washington St. Portland, Oregon 97205 Phone: 221-3041



Moody joins Navy

Gabriel Edward Moody, the son of Mr. and Mrs. Moody of 4735 N.E. Mallory Ave., Portland, is home on a 14-day leave visiting his parents. Gabriel was enlisted into the U.S. Navy here in Portland on January 7, 1972. He has just completed 9 weeks of training at the Navy Recruits Training Center at San Diego, Calif. Upon his return to San Diego, Gabriel will attend a Class-A School (Vocational). Gabriel was a 1971 graduate of Marshall High School.

The ARMY GREEN

by Staff Sergeant W.C. Davis

Welcome to The Army Green. This is the first in a series of weekly columns aimed at telling you a little more about today's modern Army, and about some of the local residents in service. First off, I would like to extend an invitation to all of you to drop in and see me anytime you are in downtown Portland. I am located at 321 S. W. Salmon (Georgia-Pacific Annex). Also, feel free to call anytime at 221-2267.

FIGHTING POLLUTION

The Army's Tank-Automotive Command has announced the development of an engine that not only controls pollution but also reduces fuel costs by as much as 40 percent. Called the Hybrid, the new engine uses a fuel injection system like that used on diesel engines. Army engineers say that the injection system is vastly more efficient than a carburetor since it injects precisely the amount of fuel needed at any given horsepower. It's just another example of how the Army works with industry to cut operating expenses, and air pollution.

FACTS ABOUT THE ARMY

Did you know --
--That the Army will pay for 75 percent of a serviceman or woman's college tuition when he, or she,

Prison reform presented

Speaking at a free public meeting on Saturday, April 15, at 7:45 p.m., in the parish hall of the First Unitarian Church, 1011 S.W. 12th and Salmon St., will be Fay Stender, attorney of Oakland, Calif., who is head of the Prison Law Project there, and Rella Brown, head of the Harriet Tubman Prison Project of Los Angeles, Calif. They will speak on the current prison crisis and on the legal difficulties of blacks and members of other minority groups.

Mrs. Stender was attorney for Soledad Brother George Jackson, and for Huey P. Newton and Ediridge Cleaver. She and French author Jean Genet made the arrangements for Jackson's letters to appear in book form under the title of "Soledad Brother." She is a Reed College graduate.

Miss Brown is currently directing the publishing and book-selling efforts of the Tubman Prison Movement in Los Angeles.

Both speakers will be appearing at the Pacific Sociological Convention at the Hilton Hotel, Portland, April 13-14, and will be speaking at the University of Oregon Law School, Eugene, Sunday, April 16 at 7:30 p.m.

The meeting Saturday is sponsored by Portland Women's International League for Peace & Freedom, in cooperation with the American Friends Service Committee, Oregon Fellowship of Reconciliation, International Longshoremen's and Warehousemen's Union (Columbia chapter), National Lawyers Guild and Oregon Methodist Federation for Social Action.

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NAACP supports Papuans

The National Association for the Advancement of Colored People has called upon the United Nations "to grant the request of the Papuans of West New Guinea for a full and free hearing on their status with respect to Indonesia." The Papuans are a black people living in this South Pacific island now ruled by brown Indonesians.

In a letter, dated January 4, 1972, to UN Secretary-General Kurt Waldheim, NAACP Executive Director Roy Wilkins cited an Association resolution in support of the plea of the Papuans and urged "that this resolution, and the problem with which it deals, be formally considered by the United Nations, including movement to a policy decision by the Security Council and the General Assembly."

THIS WEEK'S QUESTION

Each week I will answer the question most frequently asked by residents of the community. If you have a question, send it along, call, or stop in and ask in person. All questions will be answered, however, because of space limitations, only one a week will be answered in this column. I'll look forward to seeing you next week in The Army Green.

Gravel urges atomic plant halt

Senator Mike Gravel of Alaska has strongly urged that the Atomic Energy Commission stop nuclear power plant construction. Gravel told the Senate: "The AEC describes blunders and problems which would be comic - except that some day these problems may result in a nuclear accident which renders several states of this nation uninhabitable."

He mentioned one reactor where the 3,000 gallon radioactive waste system was connected into the drinking water system. Another plant's emergency safety valves were rusted because there was no maintenance.

Gravel said that - although a lesson should have been learned - the same accidents have occurred since. One specific issue of the AEC's re-

ports concludes: "The absence of more serious effects is largely the result of good luck."

Presently there are 23 reactors in operation; 52 awaiting reactor units; and 54 under construction. Present law allows the AEC to construct and operate nuclear reactors even though safety and construction standards won't be investigated until roughly 1975.

In spite of the dangers present, Gravel's office commented that nuclear reactors are now putting out "as much energy as we get from burning wood, less than one percent of total U.S. energy. Senator Gravel has introduced a bill calling for the immediate halt of reactor construction until standards are set. (Earth News)

Tickets to The New Theater April 20th presentation of Peter Barnes "The Ruling Class" are available at Highland Community Center Peter O'Toole will later star in the movie version.
284-5480 4635 N.E. 9th

Alameda Theater
3000 NE Alberta
287-2887

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Fred Meyer Lucky Buck Sale

<p>MY-TE-FINE Elberta Freestone Peaches Reg. 3 30 oz. cans \$1.00 43¢ each 34 each Luscious, sunny dessert. Just spoon and serve.</p>	<p>Tender Young Corn Fed Pork</p>	<p>Food Club Soup 25 Varieties Reg. 7 10 1/2 oz. cans \$1.00 to 22¢ 15¢ each All time favorite for tasty, nourishing jiffy meals. Always hearty and appetizing.</p>
<p>MY-TE-FINE Canned Milk 6 13 oz. cans \$1.00 17¢ each Smooth and rich for cooking, creaming coffee or in baby's formula. Vitamin fortified.</p>	<p>Pork Steaks 68¢ lb. Lean, tender blade cut steaks. Serve tasty pork steaks tonight at this low, low price.</p>	<p>MY-TE-FINE Peanut Butter Creamy or Crunchy 36 oz. Reg. \$1.19 \$1.00 each Stabilized. Rich flavor of fresh roasted peanuts. Always a favorite.</p>
<p>Del Monte Sweetheart Wieners Regular Style 2 1 lb. pkgs. \$1.00 79¢ lb. 50¢ each</p>	<p>Ripe California Strawberries 29¢ pint baskets Large sweet California. Finest of the Spring season. Slice over cereal or serve a delicious shortcake.</p>	<p>Vita Bee Bread Reg. 3 22 1/2 oz. loaves \$1.00 37¢ 34¢ each Superior loaf with rich wheaty nut-like flavor. So good, once you try it, you'll want it again.</p>
<p>Standby Outboard Motor Oil Reg. 4 qts. \$1.00 39¢ qt. Quality motor oil for 2 or 4 cycle engines. Available Variety Sections</p>	<p>Turtle Wax Liquid Car Wax Reg. \$1.69 \$1.00 18 oz. each Cleans and shines. Leaves a hardshell finish. Easy to apply. Available Auto Center and Variety Sections</p>	<p>Girls' Teen's and Women's Cushion Sole Sneakers Reg. \$1.59 \$1.00 pair Fine-weave tennis oxfords with durable moulded PVC outer sole for greater service. Just right for active or leisure wear. Sizes 5 to 10. Available Apparel Section</p>
<p>Topco Latex Rubber Gloves Reg. 69¢ pr. \$1.00 for Comfortable long-lasting all purpose gloves. Available Drug-Pharmacy Section</p>	<p>Johnson's Sun Country Air Freshener Reg. \$1.59 \$1.00 each Three delightful scents to choose for light fresh Spring time air. Available Variety Sections</p>	

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For Dad
A message for daddies from the American Cancer Society: have a checkup once a year for your sake and the family's.