



**BIG MACHINE**—This huge over-snow vehicle, one of two built by Tucker Sno-Cat corporation, Medford, will carry apparatus that will be used by scientists in a forthcoming Antarctic expedition. Emmett Tucker Sr., at right, is shown with



**SNO-CATS SHIPPED**—Going over last minute details upon delivery of two special Sno-Cats, above, are Emmett Tucker Jr., left, and Wayne Sonntag of the Antarctic Research program, Madison, Wis. The two

# Giant Sno-Cats to Be Used For Antarctic Expedition

A pair of giant over-snow vehicles, built and equipped especially for scientific research in the Antarctic, were shipped from Medford Friday by Tucker Sno-Cat corporation.

The machines, the largest and most powerful ever turned out by the Tucker firm, will carry men and equipment on prolonged traverses of the Antarctic continent during the 1960-61 "warm" season and later expeditions.

Scientists will live and work in the self-sustaining units for months at a time while taking seismic determinations, data of the earth's magnetic field and ice depth measurements in the area of the south pole.

**Receives Delivery**

Here last week to receive delivery of the Sno-Cats was Wayne Sonntag of the University of Wisconsin, logistics officer for the Antarctic Research program, which will be working with funds acquired through a National Science Foundation grant.

The 10-ton vehicles will pull four or five sets of Rollit fuel transports (enormous tires that hold 1,000 gallons of fuel each) to eliminate the need of having it brought in by air. Rations and other supplies will be carried within the snow machines themselves.

Construction of the big Sno-Cats called for redesigning nearly every part to make them bigger and huskier, the Tuckers said, and meeting the particular specifications presented a number of problems.

A stripped pilot model, built last year, had been thoroughly tested for mechanical operation before the order for the two machines was confirmed, but special fittings in the cab construction had to be started from scratch. The two machines were completed in 10 weeks' time.

**Tracks Wider**

The tracks of the big Sno-Cats are one-third wider than previous models built at the factory and measure 10 feet in length. The engines are supercharged 200 horsepower Cummins diesels, mounted inside the cab compartment for accessibility. As in other Sno-Cats, a special hydraulic system provides power steering in the two sets of pontoons.

The metal "skin" of the machines is painted black to absorb heat from the sun, while two heaters, one with an output of 30,000 BTU's and one of 15,000 BTU's, operating on diesel fuel, will provide comfortable temperatures inside, even in the coldest weather. The walls are insulated to keep heat in.

The interiors of the cabs are finished in painted hardboard and storage cabinets and cupboards are of varnished mahogany veneer. All counter tops are covered with formica.

One machine will carry the scientific paraphernalia, radio

equipment, seismograph and other instruments, while the second houses a kitchen or galley, and will serve more as living quarters. The six or seven men will sleep in both machines.

On the inside, the units resemble a good-sized trailer house, the cabs themselves measuring 8 feet wide, 23 feet long and 6 feet high. Bunk beds fold out of the way when not in use.

One of the "custom" fixtures built into laboratory unit is a lowering device for the seismograph, which drops out through a hole in the floor, making it possible to take readings without leaving the cab. Escape hatches, made of double-pane glass, also serve as skylights and are located fore and aft in case either end of the machine drops into a crevice.

The principle of the big machines is identical to the four smaller Tucker Sno-Cats which the Sir Vivian Fuchs party used to cross the Antarctic continent last year. Members of the Tucker corporation feel the big Sno-Cats will even out-perform the smaller models in the rugged, frozen terrain.

## Lecturer Slated at Unity Center Here

Sune Richards, photographer-lecturer, will show her original colored photo-paintings of the "disciples" and speak on her 10-year search for them at the Unity Center of Medford, 895 South Oakdale ave., Monday, Oct. 12, at 8 p.m.

Mrs. Richards' portrait series first appeared in "Together" magazine in October, 1957, and the following year won for her a special citation from the Professional Photographers of America.

Mrs. Richards photographed various men she saw then transposed the print onto special paper. This was then colored with a brush with opaque oils to give it mellow tones. Before photographing the various men, Mrs. Richards did extensive research on each disciple for a more accurate portrayal of him.

The speaker is a graduate of the ministerial training programs of the Unity School of Christianity at Lee's Summit, Mo.

The program is open to the public.

**FLAG IN CENTER**

Belle Forche, S. D. (UPI)—The American flag was planted Saturday on the new geographical center of the United States, about 20 miles north of this community near the South Dakota-Wyoming border. The nation's center was moved westward by the admission of Hawaii to the Union.

## Medford Man Treated For Shot Wounds

Leslie Leon Croucher, 45, of 414 Berrydale ave., Medford, was treated by a local doctor Saturday morning for bird-shot wounds on his face, state police said.

The pellets came from the 12-gauge shotgun of Croucher's son, Edward Gene Croucher, 24, of 1515 Bryant st., state police said. The two men were hunting east of the Crater Lake highway and south of Camp White. The senior Croucher was crouched down in tall grass when a bird was flushed and he raised up in the line of fire.

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## Three Accidents Reported in Area By State Police

State police reported three vehicle accidents Friday in which one driver was injured.

Melvin Howard Franklin, 19, of 6119 Table Rock rd., suffered cuts on his face and hands when his car went over a bank near Medford Meek company on Table Rock rd. Friday afternoon, state police said. He was taken to Sacred Heart hospital where he was treated and released.

Franklin's car was attempting to pass another car when an oncoming car forced him to slow down, causing him to lose control of the car. The car went over the bank on the west side of the road, police said.

State police found a car in a ditch near the Butte Falls city limits Friday night but were unable to find the driver. Officers said he was probably taken to the hospital or to a doctor by a passing motorist.

A car driven by Demeter Kelly, 68, of 485 Island highway, Victoria, B.C., struck the rear of a oil tanker truck Friday afternoon on the Highway 99 south of Medford.

The truck, driven by Bert Julius Staats Jr., 43, of 702 Park st., Medford, signalled to and had stopped because of traffic.

**Education Group To Meet at SOC**

Ashland—Southern Oregon college will be host for the fall conference of the Student Oregon Education association, Oct. 16 and 17, Preston Butcher, state president, has announced.

Mrs. Maxine Smith, state president of the Oregon Education association will be featured speaker. She will speak on "It's Our Profession," which also is the theme for the conference.

Jim McDonald, past president of the Student National Education association, will address the opening session on "This Far We Have Come."

The Friday evening program will be devoted to study group discussions and meetings of presidents of Oregon's 16 teacher college OSEA chapters.

Discussion leaders will include Barbara Davis, Oregon State college; Bruce Richards, Portland State; Dwayne Stevanus, Cascade college; Georgia Ferguson, Willamette university; Jim Ruder, Lewis and Clark college; Heatherlynn Campbell, Pacific University; Fred Wilbur, University of Oregon; Jean Reifenrath, Maryhurst college; and Sydney Steinbock, Oregon College of Education.

## Portland Woman Killed in Wreck

Government Camp—(UPI)—A Portland woman was killed and her husband injured in a one car accident on Highway 26 some 10 miles east of here Friday night.

The victim was identified as Mrs. Mayme Katherine Beckman, 38. Police said a pickup driven by her husband, Elmer August Beckman, 39, overturned. She was pinned under the vehicle.

A son, 14-year-old Dale Beckman, was thrown clear and was not seriously injured, according to attendants at Gresham hospital.

## Rep. Porter Raps Foreign Policy

Portland—(UPI)—Rep. Charles O. Porter (D-Ore.) told the Portland City club Friday that American foreign policy is out of step as far as Red China is concerned. He said there should be more communication between this country and the Communist Chinese.

At the same time he said U.S. foreign policy has been "too kind to too many dictators."

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Tokyo—(UPI)—Tokyo Welfare bureau disclosed it is planning to put up a building to house angry wives until their domestic quarrels are patched up.

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