

AURORA WATCHING—Watching the northern lights by television has been going on at the UA's Geophysical Institute since aurora researchers developed special image orthicon television equipment, shown here with institute engineers

Tom Hallinan and Larry Sweet. The aurora shown on the TV screen was recorded on magnetic tape at the institute's Ester Dome Observatory west of Fairbanks.

(UA Photo)

## UA Sets Study on Artificial Aurora From NASA's Wallops Is. Rockets

The University of Alaska's Geophysical Institute has been awarded a contract to continue the institute's participation in a program studying artificial auroras created from high altitude rockets.

The contract for \$103,055 was awarded by the National Aeronautics and Space Administration. It brings to a total of \$338,231 funding for the artificial aurora

study, one of many aurora research programs being conducted by the institute, according to Keith Mather, director.

NASA will create an aurora by firing a rocket from its Wallops Island, Va. range and then shooting electrons: down into the atmosphere from the rocket.

A Geophysical Institute team, under the direction of Dr. T. Neil Davis, assistant director, will build and operate several image orthicon television systems that are the primary instruments used in detecting the artificial auroras.

The artificial aurora will be created to measure the number of electrons required to produce an aurora of given brightness.

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### U of A's Noted Anthropolist Authors Book on N.W. Indians

A noted University of Alaska anthropologist is the author of a book that has been issued by the Portland Art Museum in connection with the museum's 75 th anniversary.

The book, "Art in the Life of the Northwest Coast I ndian," is by Dr. Erna Gunther, head of UA's Department of Anthropology and Geography and director of the Washington State Museum from 1929 to 1962.

The volume was financed by a grant from the Ford Foundation. It contains a dozen color photographs of the Portland Museum's Axel Rasmussen Collection of Northwest Indian Art.

Dr. Gunther has lectured at the Portland Museum and has been its consultant on Indian are of the North west Coast.

She was director of the Northwest Coast Indian Art Exhibit at Century 21 in Seattle in 1962 and is well known for her field work among the Indians of the Northwest.

Dr. Gunther participated in an autograph party for her book November 1 at the Portland Museum.

#### King of Nepal Plans Hunting Trip to Alaska's Kodiak Is.

At a coffee given last week by the Senate Foreign Relations Committee in honor of the King of Nepal, Senator Gruening extended him a hearty welcome not only to the United States, but specifically to Alaska where the King has planned a hunting trip.

The Senator was one of 15 senators attending the afternoon reception. During his conversation with His Majesty Mahendra Bir Bikram Shah Deva, Senator Gruening described the great variety of big game which uniquely exists in Alaska and urged

the King to accept the invitation of the Anchorage Press Club to be its guest. The King plans to hunt in Kodiak.

The Senator also sat next to one of the King's three sons who is addressed as "His Royal Highness" and whose name is Birenda Bir Bikram Shah Deva. The prince is attending Harvard where he is studying government.

When the Senator asked him whether "Shah" is not a title, he replied that it has been a title, but is now a first and last name.

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