



—San Diego Union Staff Photo

Navy Electronics Laboratory scientists, from left, Fred Parker, Dr.

Waldo Lyon, and Arthur Roshon arrive after voyage under polar ice.

# 'Fabulous' Under-Pole Trip Described By Physicist

Dr. Waldo K. Lyon, undersea expert of the Navy Electronics Laboratory, yesterday described his second trip under the polar ice pack as "fabulous—because it lasted much longer."

Lyon, 42, a physicist, of 1330 Alexandria Dr., and two other San Diegans returned yesterday from a month-long polar trip with the atomic submarine Sargo, which docked at Pearl Harbor Thursday.

Arthur Roshon, supervisory electronics engineer, of 1746 Minden Dr., and Fred Parker, electronics technician, of 3784 Brems St., were among the eight civilians aboard the

"The trip was one of the biggest jobs the Navy has undertaken," he said. "We stayed a long time and gathered a lot of important information. We also trained our personnel and equipment to the maximum."

Lyon said the Sargo sustained minor damage during the 6,000-mile voyage.

"One of the sonar windows was chewed up and pushed in by ice," he said. "And we ran into a flow of ice which bashed in the top part of the sail (superstructure)."

Lyon said there are no polar trips planned in the near future, "but this is regular business for the Navy and there will be lots more."

## SENIOR SCIENTIST

Lyon, who was awarded the Distinguished Civilian Service Medal, the Navy's highest civilian award, in 1955, was senior scientist on the atomic submarine Nautilus' history-making voyage beneath the Arctic Ocean ice pack and under the North Pole.

He was coordinator of the Sargo cruise, which the Navy undertook for oceanographic research studies by air and sea vessels.

"The passage through Bering Strait, the narrow bottleneck between Alaska and Russia, put everyone to their best mettle," the physicist said. "It was a real test of iceman-ship."

Lyon said one of the new experiences of his latest trip was being in the pole area during the darkest period of the year.

## DARK PERIOD

"We were there several days during the dark period," he said. "Everyone was happy to see the sun again when we got out of there."

Lyon said the Sargo surfaced 20 times in the polar area, breaking through the ice 16 times.