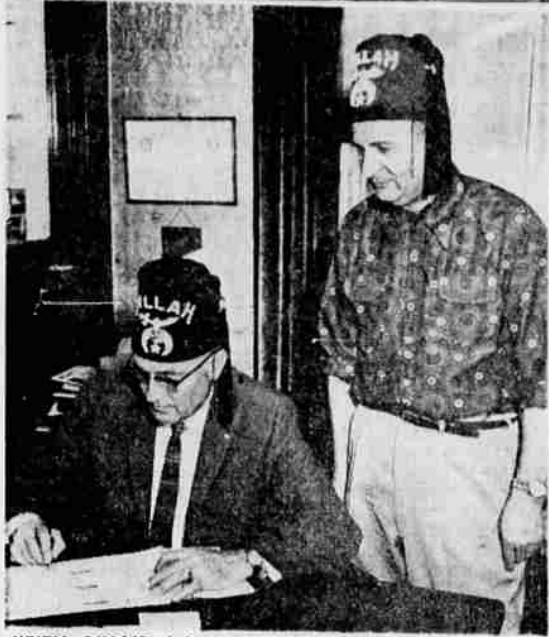




KEITH O'HAIR, left, vice president of the Klamath Falls Shrine Club, is shown writing a personal check for \$100 for a block of tickets for the Shrine Club dance which will be held at the Klamath Auditorium on Saturday, May 23. Gus Vlahos, right, is chairman of the dance, which is public. Tickets may be purchased at the door or from any member of the Shrine Club. Proceeds will go to the Shriner's Hospital for Crippled Children, Portland, where several Klamath Basin children are, and have been, patients. The Starlighters will furnish music for the informal dance and teen-agers are welcome as it will be chaperoned by the local Shriners. — Photo by Otto Ellis

Shock Wave Prevention Sought By 2 Scientists

By RENNIE TAYLOR

SAN FRANCISCO (AP) — Two scientists disclosed today they are taking steps to prevent reflected shock waves from breaking windows and causing other damage in Soviet Siberia when they use big nuclear bombs to create a new harbor in Alaska.

As planned by the U.S. government, five nuclear bombs will be set off, probably in 1961, to excavate a harbor in Kotzebue Sound, on the northwestern Alaska coast.

The site is only about 200 miles from Siberia. The researchers said they had learned that under certain conditions shock waves could come off upper air layers and return to earth more than 300 miles away with damaging effect.

Blast waves from the bombs ride on air-ducting layers, said J. W. Reed and H. W. Church of the Sandia Corp. They addressed the second Plowshare Symposium on Industrial and Scientific Uses of Nuclear Explosions. The symposium is sponsored by the Atomic Energy Commission and the University of California's Lawrence Radiation Laboratory. The Sandia Corp. is a privately owned organization which makes nuclear weapons for the government, operating at Los Alamos and Albuquerque, N.M., and at Livermore, Calif.

It was these air-ducting layers that caused shock waves from the Nevada atom bomb tests to leap frog over the immediately surrounding area and come down 70 miles or more away on Las Vegas and other inhabited places with window-busting effect, Reed and Church said.

There are three air-ducting layers, they added. One is about 6,000 feet up, another at around 55,000 feet, and a third at 100,000 to 150,000 feet.

About one-third of the time at

Kotzebue a ducting layer will be present below 50,000 foot altitude. When a bomb produces a shock wave capable of instantly boosting atmospheric pressure momentarily by about 2 per cent, a duct can carry the shock 100 miles and break windows, the researchers said.

There would be one chance in 10, they added, that it could carry enough pressure 70 miles to break most windows and some doors.



ARMED FORCES DAY—1959. Power for Peace involves duty around the globe for members of the Armed Forces and our Free World friends. Here, two citizen-soldiers—Eskimo members of the Alaska National Guard—look across the Bering Strait toward a Russian-held island just 3 miles away.

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BASIN BRIEFS

Food Sale—at the Bonanza Cafe on Saturday, May 16, starting at 9 a.m., sponsored by the C.A.'s of the Bonanza Church to finance some young person's trip to summer camp at Butte Falls.

First Child—Mr. and Mrs. George Arnold of Merrill became the proud parents of their first child, a boy, on Sunday evening, May 10. The little boy, named after his grandfathers, will be called Norman Glenn. Grandparents, all of Merrill, are Mr. and Mrs. Glenn Arnold and Mr. and Mrs. Norman Frisvold.

Weekend—Mr. and Mrs. Willie Wu and Scotty of Corvallis spent the weekend in Bonanza with his parents Mr. and Mrs. George Wu. They also visited in Klamath Falls with her brother and sister-in-law, Dr. and Mrs. Clarence Pang and daughter.

Spending—a week in Langell Valley with his sister, Mrs. Les Leavitt, and other relatives is Albert Dearborn of Emmett, Idaho.

Visitors—at the home of Mr. and Mrs. Charlie Roberts and family of Bonanza were Mrs. Rebecca Baldwin and three daughters of Tichfield, Washington, and Mr. and Mrs. Cole Roberts and family of Fallon, Nevada.

Bonanza—Mr. and Mrs. Gurney Ellis of Pasadena have been visiting their son and daughter-in-law and family of Bonanza. They left May 13, for Emmett, Idaho, to visit relatives and attend graduation exercises for a grandson, and will be back in Bonanza for Tom Ellis' graduation on June 2.

To San Francisco—Mr. and Mrs. George Wu of Bonanza are spending a few days in San Francisco where their son Jack is recovering from major surgery performed at Stanford hospital on May 11. Sonny Wu, who has been with his grandparents while his parents are in San Francisco, will stay in Sacramento with his aunt.

Moved—Mr. and Mrs. George Hard and Crystal and Mr. and Mrs. Wayne Dye and Darien have moved from Bonanza to Klamath Falls to make their homes. Travis Heusten of Langell Valley has also moved to Klamath Falls to live.

To Lebanon—Mr. and Mrs. Glen Andross of Lebanon, Oregon, spent a recent weekend with their daughter and family, Mr. and Mrs. Gerald Raber and Linda, at their Klamath fish hatchery home on Crooked Creek south of Fort Klamath. Mrs. Raber and Linda accompanied her parents home to Lebanon for a week's visit, and this past weekend Raber visited there also and brought his family home on Sunday.

New Residents—of Fort Klamath are Mr. and Mrs. Clifford E. McDaniel and their family of four children, who moved last week to their new home, the former Frank Kendall property, which they have purchased. Visiting for a few days this month with the McDaniel family was his father, L. D. McDaniel of Auburn, California. McDaniel Jr. is employed at the Johns-Manville plant, and the family formerly lived at the Lucille Leggett place south of Fort Klamath.



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CASH IN HAND, Ralph J. Wiese, left, of the Klamath Falls Exchange Club, confronted Dick Wyatt, Klamath District director of the Boy Scouts, Monday, and turned a check for \$201.56 over to him for deposit in the scouts' capital account for improvement of their Camp Makualla at Crescent Lake. The money was proceeds from concessions run by the Exchange Club at a recent Scout Exposition at the Klamath County Fairgrounds.

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