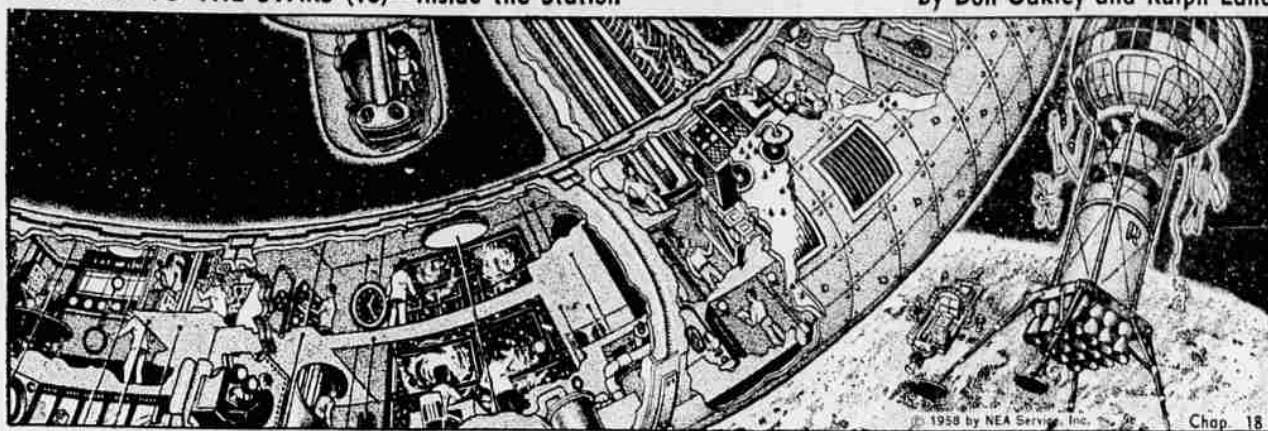


OUTWARD TO THE STARS (18)—inside the Station

By Don Oakley and Ralph Lane



Years of rocket research, testing, building, successes and failures—and great expense—will precede the building of any permanent manned space station on the scale envisioned above. But if men feel compelled to explore the Moon and planets at first hand, currently available means of propulsion (liquid or possibly solid-fuel rockets) require that some sort of orbiting station be built, although not necessarily this large and complicated.

Today's fuels are not sufficiently powerful to propel a man-carrying vehicle from the surface of the Earth, land it on another member of the

solar system and return it to Earth. New discoveries in the field, however, could change that situation completely.

Yet whether or not it is needed for travel to another planet, science will want such a station someday—as an observatory free from atmospheric interference; a global weather plotter; a world-wide television, radio or telephone relay center; a gravity-free hospital where heart diseases may be studied or unfiltered sun rays used in the treatment of cancer.

Cutaway drawing shows some of the details of a station built after the von Braun spinning wheel concept. At an altitude of 1,075 miles, it completes one revolution about the Earth every two

hours. Elevator and net ladder, center, lead from central entrance and exit to the main sections. Spinning of the rim provides artificial gravity.

At left is a communications room. At extreme lower left, the Earth is studied on several viewing screens showing details at various distances. Left of center, astronomers study a distant galaxy.

At right of panel a Moon rocket is in the final stages of assembly. Because it will never enter the atmosphere, this vehicle can be of lightweight, unstreamlined design. Crew quarters are contained in sphere at top. Fuel load is small, since its orbital velocity will give the Moon rocket a "run-jumping start" to escape Earth's gravity.

Next: Men on the Moon.

YULE TREE SALE

McCLOUD — A Christmas tree sale of 1,500 trees in the Doe Peak area of the McCloud Ranger District of the Shasta-Trinity National Forest, is being advertised this week. The sale will be completed at the local ranger station October 13. About 1,300 of the marked trees are silver tips and the remainder white fir.

Original paintings of any date are duty free if brought into the United States.

Figures Released For Labor Camp

MALIN — About 400 people are now living at the Malin Labor Camp, according to Mr. and Mrs. Dick Stevenson, labor camp managers. This is about the same number who were here last year at this time.

All of the units available which include tents, cabins and trailer space, are now rented. Sixty five children have registered at the school which is located on the camp ground reported the teachers, Mrs. Anita Stephens and Mrs. T. C. Hagerly. Children in the upper grades, seven through 12 go to the Malin School.

Dr. Seth Kerron and two nurses from the Klamath County Health Department gave immunization shots last week to the labor camp children, school age and preschoolers. Mrs. James Conroy and Mrs. Jimmy Ottoman of Malin assisted with the clinic. Followup shots will be given in two weeks.

P.T.A. NEWS

KENO PTA
Vern Howard, former student of Keno School and now a junior at Henley High School, spoke at the first meeting of the Keno PTA on his trip this summer to the United Nations. This trip was his reward after having won the Odd Fellow's essay contest on the United Nations. Vern showed slides of the trip.

President Mrs. Herbert Riggs conducted the meeting, during

which reelection of officers was necessary. Vice president for the coming year is Mrs. Henry Buckingham; Mrs. Waive Howard, secretary; and Mrs. Don Johnson, treasurer.

Two new Keno teachers were introduced to the PTA, Fred Taylor, principal and seventh and eighth grade teacher; and Mrs. Claude Kerns, first and second grade teacher.

Mrs. Riggs read the aims of the PTA to the group and presented Mrs. Larry Owen with the past president's pin.

CHILOQUIN MEMBERSHIP DRIVE

Mrs. William Wampler, chairman of the membership committee of the Chiloquin PTA, states that the membership drive now in progress will end this Friday.

A prize will be awarded at the October 13 meeting of the Chiloquin PTA to the room enrolling the most parents for PTA membership.

Fort Rock Aid Held Possible

FORT ROCK—Edwin A. Eskelin, community chairman of ASC, reported following a meeting in Lakeview last week that several additional practices were proposed for Lake County.

Of help to the Fort Rock development area would be the return of payments for sage brush control. In most cases this would be to share the cost of preparation of seedbeds for pasture. Another practice expected to be approved is that of reestablishing sub-soling.

Residents are reminded, Eskelin stated, to obtain approval of specifications on wells and pumping equipment through the local Soil Conservation District.

Other proposals for lake County included some assistance in the construction of stock trails where access is difficult because of terrain. The smoothing of land where dragline dikes have been made is expected to facilitate weed control.

R. A. (Rube) Long is county committeeman for north Lake County.

\$1,000 RICHER
LOUISVILLE, Ky. (AP)—Robert L. Cowan is \$1,000 richer because two of his checks bounced. Cowan sued his bank, contending \$116 he deposited was improperly credited to another account. Later, he said, the bank refused to honor two of his checks in the erroneous belief he had no funds. A Circuit Court jury Tuesday awarded Cowan \$1,000.

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Hotel Dunsmuir Changes Hands

DUNSMUIR—Sale of the Hotel Dunsmuir to Victor D'Orazi of Oakland has been announced by Bob Andreatta, hotel manager. Vic Andreatta, his father, has owned the hotel for the past 10 years.

The new manager will be the purchaser's brother, Jim D'Orazi. He was expected in Dunsmuir on Monday as the sale is to be effective October 1.

Vic Andreatta has been an absentee owner for several years, his principal business being insurance. Bob Andreatta says his plans are uncertain. He plans to explore real estate and insurance possibilities in the Bay Area and Southern California, but will remain to assist the new management for the next couple of weeks.

Integration Saves Money

OKLAHOMA CITY (AP)—Gov. Raymond Gary estimates that integration in Oklahoma's school system saved about one million dollars last year.

R. H. Emans, school finance director, said savings, plus tighter tax enforcement and redistricting, gave the schools about 2½ million dollars more than was anticipated.

Emans said it was difficult to estimate the actual amount saved through integration but that it was appreciable. The governor said, "I would say integration has saved us between \$750,000 and \$1,000,000 a year."

School Names Paper Staff

DUNSMUIR—The staff of Crag Echoes, the high school annual, has been named at Dunsmuir High School.

Kay Patterson is to be the annual's editor and instead of naming a co-editor this year, responsibilities have been delegated to a larger staff.

Jo-Anne Kelly, copy editor; Betty Bisagno, senior editor; Patty McEnerney, activity editor; Manuel Macias, sports editor; Peggy Marshall, business manager.

Other staff members are Marvilee Shelton, Mary Lockhart, Carol Kohlbaker, Beverly Crowe, Bonnie Banghman, Diane Spirin, Margaret Ake, Judy Penman, Madeline Evans, Margie Grenvick and Margie Green.

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