

Rocket to the Moon Now Actually Possible

New York (U.P.)—A rocket scientist said today that it is now possible to build and send a man-made moon into space where it would travel around the earth at a distance of 470 miles.

Furthermore, according to Willy Ley in a report to the American Rocket society, science has the knowledge to produce a "moon messenger," that is, a rocket that will reach the moon 235,000 miles from earth.

Ley, one of the earliest rocket scientists and who came here from Germany in 1935, said that in recent V-2 rocket experiments in New Mexico man already had penetrated space with a missile.

In that test, a WAC corporal rocket was attached to the V-2 missile and was released when the V-2 spent its fuel. The WAC continued on to 250 miles altitude "which to all intents and purposes is the outermost limit of the atmosphere," Ley said.

The experiment showed, according to Ley, that only a third step—or another rocket to go off when the second spends its fuel—is now needed to place an artificial satellite in an orbit at 470 miles above sea level. It would travel around the world at 4.6 miles per second, making the circuit in one hour and 45 minutes, he said.

The satellite would continue its circling indefinitely, and Ley said the problem would be "getting it down." Under his plan the satellite would carry

200 pounds of instruments which would make observations and relay them to ground crews. The "moon," he estimated, would weigh 237,000 pounds, or 119 short tons, at take-off, but would lose much of the weight as its fuel was spent on the way up.

The rocket to the moon, he said, has been assured by the development of using burning hydrogen in a rocket motor. Such motor power can permit the rocket to travel at 15,000 miles an hour—fast enough to counteract the pull of the earth's gravity. He said it has been shown that atomic energy is not necessary for space rockets.

The moon messenger, he said,

would be unmanned and would leave a mark on the face of the moon, not by explosion or flash-light powder, but the scattering of a white powder like glass which would make a permanent mark.

With all the new developments, Ley said that science does not "need any new basic inventions or discoveries either for establishing an orbital rocket and a moon messenger."

It is a problem of engineering development, patient work—and cash to finance the program, he said.

Fishermen Out to Sea
Astoria, Ore., May 2 (U.P.)—Columbia river fishermen—despite

Capital Journal, Salem, Oregon, Monday, May 2, 1949—9
a price dispute with packers— took to their boats by the hundreds Sunday to open the 1949 salmon season.

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'Stalingrad Stand' for Shanghai—Nationalist troops and refugees arrive in Shanghai (top left) after excavating towns along the Shanghai-Nanking railway. At top right, troop reinforcements arrive to bolster the Shanghai garrison and help defend the city as the communist armies near. Gen. Chen Ta Ching, commander of the Shanghai-Woosung garrison, said he was prepared for a "Stalingrad stand," on which the fate of all China depended. Bottom photo shows Shanghai's citizens moving out. Photo by Warren Lee, NEA-Acme staff correspondent. (Acme Radio-Telephoto)

Four Corners People Greet New Arrivals From Newport

Four Corners, May 2—Newcomers to the Four Corners community this week are Mr. and Mrs. O. E. Shattuck and children, Eunice, Sharon and Larry Jean. The Shattucks moved from Newport here and are living in the Laura Donnelly cottage at 255 S. Lancaster drive. Mr. Shattuck is a truck driver.

Mr. and Mrs. Dean Lauderback moved this week to 750 S. Elma. They purchased the property from Oliver Rickman. Mr. Lauderback is employed by the Dairy Co-operative association in Salem.

Mr. and Mrs. W. B. Powell of Independence are visiting with the granddaughters, Katharine and Carol Ann Powell at 890 Eldin avenue while Mr. and Mrs. John Powell are on a trip to the coast. Mrs. Iva Gamble of Springfield, Ore., is also visiting in the John Powell home.

Mr. and Mrs. T. Nolan Bathurst, 4385 Hager street, are receiving congratulations upon the birth of a son, Daniel Dean, born April 14. The little boy has 3-year-old brother Thomas. The maternal grandmother, Mrs. Mary Igleheart of Billings, Mont., came for a visit with her new grandchild. From here she will go to Yakima to visit other relatives before returning home. The paternal grand parents are Mr. and Mrs. Thomas Bathurst of Laurel, Mont. The Bathursts recently came here from Montana.

The Rickey Garden club will meet Thursday night at 8 o'clock. There will be a hobby show and plant exchange. Those displaying hobbies are asked to bring them by 7:30 o'clock. Hostesses will be Mrs. E. E. Walker, Mrs. Ross Chrisman, Mrs. E. M. White, Mrs. Mildred Corning.

Mr. and Mrs. Nestor Tokstad, Jr., who have purchased the property at 4365 Glenwood drive were given a house-warming on Saturday night by friends and relatives. Guests were Mr. and Mrs. Nestor Tokstad, Sr., Norman Tokstad, Mr. and Mrs. Lloyd Hamilton, Gary, Ruth, Billy and Learea Hamilton, Mr. and Mrs. Bud Hamilton and JoyAnn, Mr. and Mrs. A. L.

Phil Schnell Firm Expands

Phil Schnell of Salem announces that he has purchased Parker Food Sales in Portland, wholesaler distributor located at 1814 NE Sixth avenue. He will change the name to Phil Schnell company.

The firm will continue as the franchised dealer in Durkee's packaged foods, which is its principal line. For the last five years Schnell has been Durkee distributor in Salem and vicinity in the local firm of Parrish Food Distributors. The name of the latter also will be changed to Phil Schnell company, and his son, Roger Schnell, will manage the Salem operation. A fleet of 12 trucks will be used by the two operations.

Before he went into the food business Schnell was for 23 years with Union Oil company in several capacities. At various times he was district manager in Vancouver, Seattle, Tacoma and Spokane.

to one bidder. Time for completion is 180 calendar days. The timber is mostly second growth Douglas fir. The area is accessible from existing roads.

King, Linda and Johnnie, Mrs. Margaret Hatspek, Mr. and Mrs. W. F. Wells, Sharon and Sandra.

Bids Called for Clearing Timber

Col. O. E. Walsh, Portland district engineer, has invited bids for clearing, logging and stockpiling merchantable timber in an area of 175 acres lying within the Detroit dam reservoir area.

Bids for the work will be opened at 2 p.m. May 27 and award will be made as a whole

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