

Scientists to Try Mid-Course Maneuver on Venus Rocket

By DOUGLAS DILTZ
United Press International
Pasadena, Calif. — (UPI) — A spectacular United States space triumph over Russia and the possibility of discovering life on Venus could be decided today in a fateful "showdown" maneuver by Mariner-2, now a million and a half miles from Earth.

Sometime within a few hours after 7 p.m. (EDT) scientists at Cal Tech's Jet Propulsion Laboratory (JPL) will flash a solitary signal to the spacecraft in a scant 7 seconds, ordering its robot "electronic brain" to execute a crucial "midcourse maneuver."

The Mariner's midcourse motor and other guidance devices must perform a perfect change-of-course to successfully swing the 447-pound spacecraft within the 10,000-mile exploration range of the mysterious cloud-veiled planet by early December.

Prepare For Maneuver

The final move in preparing the Mariner for the maneuver was successfully completed Sunday night. The process, called earth acquisition, was designed to stabilize the craft's attitude so a high gain directional antenna would be permanently "fixed" on the earth.

Previously the Mariner-2 was in communication with the earth through an omnidirectional antenna which is only effective for 8 million miles.

Ku Klux Klan Reactivates in Louisiana, Burns 16 Crosses

New Orleans — (UPI) — Segregationists said today no Negroes would report when Louisiana's first desegregated Roman Catholic school reopens Tuesday and that demonstrations will be held throughout New Orleans.

The Ku Klux Klan entered the scene over the week end, staging cross-burnings throughout the state in opposition to desegregation of schools. It marked the first time in 30 years that the Klan had taken a strong stand in the state.

A spokesman for the Klan said: "We want everyone to know the Ku Klux Klan has reactivated in Louisiana. We are publicly demonstrating our resentment to integration by these cross burnings."

The crosses measured five

feet tall and 3½ feet wide and were wrapped in burlap. They were burned at 16 towns in Louisiana and Klansmen promised "to burn thousands of crosses across the state" before their protest was over.

Our Lady of Good Harbor School No. 2 at Buras, first Catholic school to be integrated, was closed Friday after two days of classes. The Rev. Christopher Schneider said the classes would not be held because of fear of "threats of physical violence" and economic reprisal.

Five Negroes were admitted on Wednesday when the Mississippi River Delta school, about 60 miles south of New Orleans, opened for classes. Forty-four white pupils also enrolled, compared with a normal enrollment of 340 last year. Thursday, the enrollment dropped to 25 white pupils and no Negroes.

Two signs were posted in front of Our Lady of Good Harbor School No. 2. One read "Our schools have always been segregated" and the other said "We only want what is ours."

Harry Packard, chief deputy for the Plaquemine Parish county sheriff's department, said the FBI was in Buras on

Thursday and Friday but apparently had completed its investigation.

An FBI official said, "I don't know when Mr. Packard became a spokesman for the FBI. You can say the FBI is investigating alleged threats of violence in Plaquemine Parish on orders from the attorney general's office."

Demonstrations Set
A total of 154 Catholic schools were affected by an archdiocese order this year opening all parochial schools to white and Negro students.

About 76,000 students attended the schools last year. When desegregated Catholic schools open in New Orleans on Tuesday, demonstrations will be staged at about a dozen sites and segregationists will march en masse on the residence of Archbishop John P. Cody at noon.

Mrs. B. J. Gallot, excommunicated from the Roman Catholic church because of her stand against integration of parochial schools, will lead the demonstrations. She will be at the Mater Dolorosa grade school, where Negro pupils were to be admitted.

"I will have a placard personally dedicated to his excellency, Arch bishop Cody," Mrs. Gallot said.

"fixed" upon the earth. JPL scientists said the slightest failure in the critical midcourse maneuver could doom the space probe to pass Venus at too great a distance to peer with an "electronic eye" at ageless secrets hidden beneath its strange wreath of perpetual clouds.

But a successful maneuver, which scientists confidently expected, could score a major prestige comeback for the United States over the Soviets, who recently startled the world by maneuvering two manned spacecrafts to a near rendezvous in orbit.

Russia has tried and failed twice, once only 9 days ago,

to send a spacecraft to Venus. The first attempt was in early 1961, but the Soviets lost contact with their vehicle shortly after launch and it came only within 62,000 miles of Venus, the Earth's closest planetary neighbor.

Red Shot Falls
The second attempt was made Aug. 25 — 48 hours before the United States successfully launched Mariner-2 on a 180-million mile journey to Venus from Cape Canaveral, Fla. But this Soviet Venus shot broke apart in flight and fragments of the space vehicle scattered into orbit around the Earth.

The launching of the U.S.

and Russian Venus-bound spacecraft within only hours of each other signified perhaps the most dramatic competition yet between the two powers in their race into space.

'Enemy Missiles' Hit U. S. During Sky Shield Test

Colorado Springs, Colo. — (UPI) — The North American continent's defenders watched helplessly Sunday as 40 "enemy missiles" streaked toward American cities, but repeated attacks by manned bombers were beaten off successfully.

"The 'enemy missiles' were nothing more than data fed into computers and flashed, quite realistically, to watchers manning the North American Air Defense Command's (NORAD) ballistic missile early warning system."

The manned bombers were flown by crews from the U.S. Air Force Strategic Air Command SAC and the Canadian air force.

The exercise was Sky Shield III — test of NORAD's air defense capabilities. More than 3,000 military planes from this country and Canada took to the air during the 5½-hour exercise to fight a massive mock air battle high over the continent — too high to be witnessed by ground observers.

Meanwhile, about 1,800 American and 130 Canadian commercial aircraft and 75,000 privately owned planes were grounded.

Gen. John K. Gerhart, NORAD commander, said the operation was "very successful" and "lasting benefits" would result.

Railroad Strike Talks To Resume

Chicago — (UPI) — Talks were to resume today in the marathon effort to end the telegraphers strike which has shut down the Chicago and North Western, the nation's third largest railroad.

The strike, going into its fifth day, was cutting supply lines to industries and communities in the nine Midwest and Great Plains states served by the 10,565-mile-long line.

Federal Mediator Francis A. O'Neill Jr. called representatives of the carrier and the Order of Railroad Telegraphers (OTI) back to the bargaining table on Labor Day after earlier talks during the holiday week end failed.

O'Neill, after Sunday's meeting, said "There has been no appreciable break in the negotiations. We may have ironed out some problems, but I can't be specific."

It appeared that the strike could not be settled in time for the North Western to resume operations Tuesday, when more than 35,000 Chicago area commuters who normally use the line go back to work.

At the core of the dispute is job security.

Dale Peterson Gets Society Scholarship

Dale W. Peterson, son of Mr. and Mrs. Wayne L. Peterson, 11396 Dennis rd., Central Point, was recently awarded a scholarship by the Society of Exploration Geophysicists foundation.

Peterson is a sophomore at Colorado School of Mines. He is studying for a career in exploration geophysics. The scholarship was made possible by a grant from Dresser Electronics in Houston, Tex. This is the second year Peterson has received the Dresser award.

Among the top 5 per cent in his graduating class from Medford High school, Peterson participated in the 1960 Summer Science Institute at Colorado School of Mines, which was sponsored by the National Science Foundation.

His design of a seismograph placed him in the Westinghouse National Science talent search honors group, and the Oregon Museum of Science and Industry awarded him the future scientist award for 1961.

Soviets Apply for Council Membership

Geneva, Switzerland — (UPI) — Five churches in the Soviet Union have applied for membership in the World Council of Churches.

They are the Evangelical Lutheran church of Latvia, the Armenian Apostolic church, the Evangelical Lutheran church of Estonia, the Georgian Orthodox church and the Union of Evangelical Christian Baptists of the U.S.S.R.

Foreign Briefs

FIVE KILLED BY EXPRESS TRAIN

Vienna — (UPI) — The Hungarian news agency MTI said five persons were killed and another badly injured in a train station outside Budapest yesterday when platform crowds pushed the victims into the path of an express train pulling into the station.

AMERICANS IN ISRAEL FOR BANKERS MEETING

Tel Aviv — (UPI) — Nine American representatives from leading financial institutions in four U.S. cities arrived here yesterday for a bankers' study mission.

The Americans came from New York, Chicago, Detroit and Boston. They planned to study first hand the effect of U. S. funds on immigration resettlement and economic development here.

MEIR RESTS IN SWITZERLAND

Rome — (UPI) — Israeli Foreign Minister Golda Meir flew into Rome from Tel Aviv yesterday on her way to Switzerland for a rest. She planned to stay here two days.

Cold Fronts May Threaten Outings

By United Press International

Cold fronts spawned rainclouds in the Great Plains, Rockies and Southeast during the night, threatening Labor Day outings with showers.

Canadian-born chill stabbed southward through Montana, where temperatures in some spots dropped more than 20 degrees from the night before.

The mercury dipped to 32 at Great Falls, Mont., while frost was common in the mountains. One inch of snow fell on

Cutbank, Mont.

Severe storms lashed some towns in the Dakotas. Moberly, S.D., was hit by 3.25 inches of rain and hail. More than an inch soaked Huron, S.D.

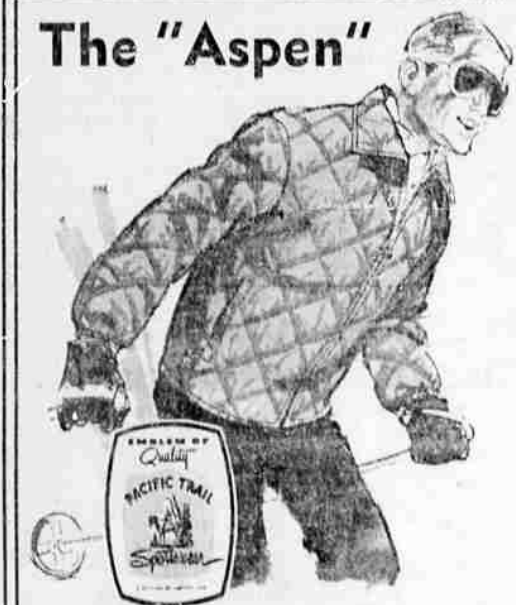
Snow was in store today for higher elevations in Montana and northern Colorado.

WHALE SHARK

San Francisco — A whale shark may reach a weight of 25,000 pounds and an overall length of up to 60 feet.

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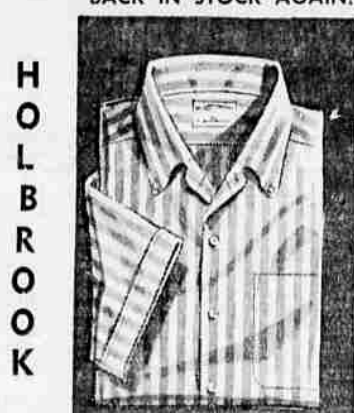


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Prime objective of Mariner-2 is to determine whether any kind of life exists on the mysterious planet which has haunted the imagination of mankind for centuries.

This could be learned through the spacecraft's ex-

ploration of the Venetian surface environment and atmosphere by its highly sensitive devices.

The \$18.5 million space venture also is aimed at studying the constant layer of clouds that obscure the planet.

Noon Edition

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