

### MOSCOW REVEALS MORE VENUS DATA

Tass Indicates Capsule Sent Information Until Landing

By WALTER SULLIVAN  
Moscow indicated yesterday that the Soviet capsule that was parachuted onto Venus last Wednesday continued to send data until it actually landed on the surface.

In reporting further details of the mission, Tass, the Soviet press agency, said the touchdown was on the night side of Venus near the planet's equator.

The site, it added, was some 1,500 kilometers from the terminator, or boundary between day and night on the surface of Venus. The location, however, is known only to within 500 kilometers, the report said. A kilometer is roughly 0.6 miles.

The capsule began sending data at a height of 26 kilometers (16 miles), according to Tass, and "completed after landing." The egg-shaped capsule was weighted at the bottom so that it would roll upright on landing. An explosive charge was set to cut its parachute free, lest winds topple the capsule.

An upright position was important because the capsule's dish-shaped antenna was aimed straight upward. The landing site was chosen so that the earth would be directly overhead.

#### Antenna in Shadow

The report said that the antenna apparently was in shadow after the landing.

More precise figures were given than in the first report. It was found that carbon dioxide made up 90 to 95 per cent of the atmosphere. The oxygen content is roughly 0.4 per cent and the amount of water vapor is no more than 1.6 per cent.

There was no indication as to the composition of the remaining portion of the atmosphere.

These measurements were made at two levels, using 11 "gas analyzers." The first measurement was made when five of the analyzers were opened at the start of observations, 16 miles aloft.

The second was made when the remaining analyzers were opened 347 seconds later. By then, the capsule had dropped to within 23 kilometers (14 miles) of the ground.

Analysts that had a "signal detection threshold" of 7 per cent did not register nitrogen, the Tass report said. American scientists have indicated considerable surprise at the reported lack of this gas, which constitutes 76 per cent of the earth's atmosphere.

#### Temperature 536 Degrees

Other instruments included two thermometers, a barometric pressure sensor, and an atmospheric density gauge. The surface air pressure was between 15 and 22 times that on the earth's surface. The temperature was 536 degrees Fahrenheit.

The report stated emphatically that no dipole magnetic field greater than 3/10,000th that of the earth was detected. Ten-thousand kilometers out the parent spacecraft, Venus 3, as it plunged toward the planet, detected the hydrogen corona, or envelope, around Venus.

It proved to be 1,000 times less rich in hydrogen than that surrounding the earth. As the vehicle entered the atmosphere the capsule, three feet in diameter and 174 pounds in weight, was cast loose.

During its final entry the temperature in front of the capsule rose to 10,000 or 11,000 degrees centigrade (18,000 or 20,000 degrees Fahrenheit).

From a speed of 10,700 meters a second (24,000 miles an hour) it slowed to 300 meters a second (675 miles an hour), whereupon a drogue parachute opened. After it slowed further, the main parachute was deployed.

On the way to Venus the intensity of energetic particles flying out from the sun was 100 times that observed in 1964-65, which was close to the last low point in the 11-year sunspot cycle. No radiation belt was detected near Venus by the charged-particle traps of Venus 3.

#### Mariner Mission Ends

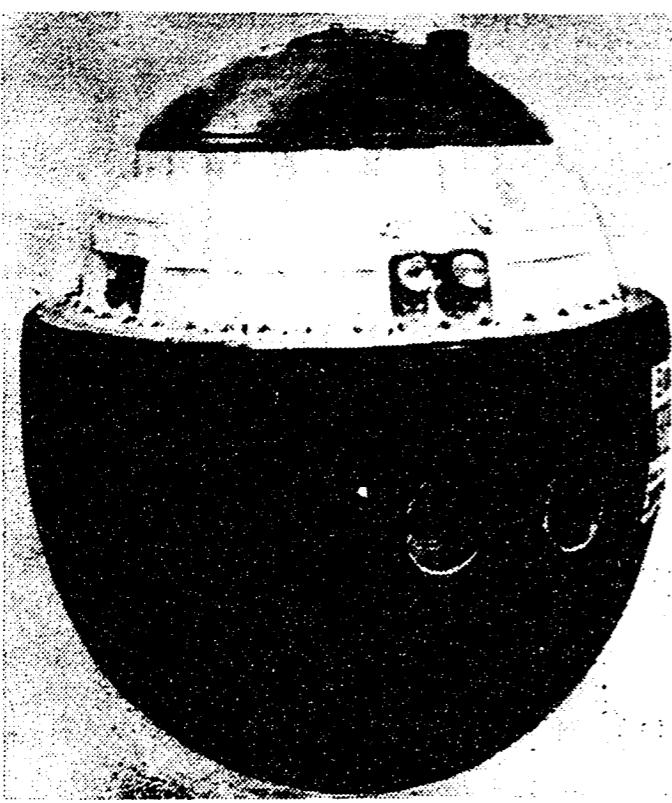
Special to The New York Times  
PASADENA, Calif., Oct. 21—Mariner 5, America's Venus probe, successfully ended its primary mission today as its 10-watt radio finished sending to earth the wealth of scientific data gathered when the spacecraft flew by the cloud-covered planet Thursday.

As Mariner's tape recorder completed the 34 hour playback, the windmill-shaped spacecraft was cruising 386,570 miles away from Venus, headed toward a perpetual orbit of the sun. It is now more than 50.8 million miles from earth.

Scientists, who are busy analyzing the data, are expected to report Monday on what Mariner found during its two hour fly-by of Venus.

A repeat playback of the data has been ordered just in case static or other disturbances marred any portion of the original transmission.

Dan Schneiderman, Mariner project manager for the Jet Propulsion Laboratory here, said in an interview that Mariner 5 appeared to be in such good condition that it might provide scientists with additional valuable information periodically for years.



SOVIET SPACE CAPSULE: This picture of the instrument package that was landed on Venus was provided yesterday in Moscow. Capsule was dropped by parachute onto Venus, and transmitted data to earth during its descent.

### Episcopal Church Plans Project In Harlem to House the Elderly

St. Philip's Episcopal church in central Harlem plans to build 125 housing units for elderly persons.

The plan was announced yesterday by the Rev. Dr. M. Moran Weston, rector, at the annual parish fellowship luncheon in the New York Hilton hotel. About 300 parishioners and guests attended.

St. Philip's, founded in 1818 and reported to be the largest Episcopal church in the country, with 4,000 members, is assembling property for the housing. Dr. Weston declined to give the address but said it would be near the church, which is at 214 West 134th Street, between Seventh and Eighth Avenues.

"Construction of the housing would be financed by the state, probably through the Mitchell-Lama Law," Dr. Weston said. "We already have set up a non-profit housing corporation that will be responsible for construction and operation. The housing would be open to all senior citizens in the community, not just members of our church."

Dr. Weston said he hoped construction of the housing could begin next year, when St. Philip's will observe its 150th anniversary.

"We want to make certain presents to the community in 1968 to show the vitality of our church and to give thanks for

our 150th anniversary," the rector said. "Another present will be the community center."

St. Philip's already has started to build the foundation for a \$2-million community center next to the church. Its goal is to complete the center by the end of next September, although the church still must raise another \$1-million.

During the luncheon meeting, Dr. Weston discussed "a city fit for people" and encouraged the parishioners to work for improvement of Harlem conditions. A city fit for people, he said, needs homes for all persons at a price they could afford, schools that lead the young to the highest point they can attain and jobs for all with special provisions for the handicapped, disabled and aged.

Other speakers at the luncheon who discussed the same theme were Frank C. Arricale 2d, commissioner of relocation; the Rev. Carl McCall, chairman of the New York City Council Against Poverty; Fred Rose, president of Rose Associates, Inc., builders; Keith Johnson, permanent representative of Jamaica to the United Nations, and Brook Peters, an actor.

St. Philip's has been in Harlem since 1912. The first church was on Cliff Street, somewhere below Wall Street, but Dr. Weston said he had not been able to locate the site although a search was still under way.

### NARCOTICS SCORED AS ESCAPE DEVICE

Speakers Deplore Users Who Expect Benefits

By JOHN LEO  
Special to The New York Times  
AMHERST, Mass., Oct. 21—Narcotics use in America is a dangerous attempt to slow down a rapidly accelerating pace of social change, a sociologist said at a weekend symposium here on "Drug Scene, 1967."

"It really comes from an attempt to seize the reins of history," said Victor Gioscia, a wealthy family might receive only a \$100 annual honorarium. The group will be sponsored by faculty members, who will entertain the scholars once a month during the freshman year at a dinner and evening of informal conversation with prominent persons in the arts, politics and professions.

Jacques Barzun, author and critic and a holder of Columbia's highest teaching rank, that of University Professor, will be the honorary sponsor of the first John Jay scholars. He will attend each dinner, which will be held on campus, and be an adviser in selecting the

reported in the papers," he said. Dr. Cohen said that seven years ago he wrote that adverse side effects of LSD were negligible under controlled conditions.

"The current LSD scene changes my opinion somewhat," he said. "We're now seeing cases of major LSD decompositions that are quite resistant to therapy. This is something surprising. The best treatment is not doing the trick for a few people."

Damage to chromosomes through the repeated use of LSD should give people pause, he said. "We know changes occur in the chromosomes, but we don't yet know what they mean," he continued.

Dr. Cohen said that he still favored controlled use of LSD, but he expressed doubt about the drug's potential. "We did a study in Los Angeles of creative capacity under the influence of LSD that showed no heightened capacity at all," he said. "Apparently the subjective feeling of creativity exceeds any objective verification of it."

Mr. Gioscia disagreed. "It is possible for whatever creativity you possess to be enlarged under LSD—providing you enlarge it," he said. "The drug doesn't do anything by itself."

The two-day symposium was sponsored by the Amherst College Student Council.

### Columbia to Pick 15 Freshmen For New Scholarships in 1968

By VAL ADAMS

Columbia College will designate 15 to 20 of the most promising students in its 1968 freshman class as John Jay scholars and award them four-year scholarships under a new program announced last week. Each fall 700 freshmen enter the college, the men's undergraduate liberal arts school of Columbia University.

The college said the amount of the scholarships would be based upon financial need but could be as high as \$4,000 a year. However, a student from a wealthy family might receive only a \$100 annual honorarium.

The group will be sponsored by faculty members, who will entertain the scholars once a month during the freshman year at a dinner and evening of informal conversation with prominent persons in the arts, politics and professions.

Jacques Barzun, author and critic and a holder of Columbia's highest teaching rank, that of University Professor, will be the honorary sponsor of the first John Jay scholars. He will attend each dinner, which will be held on campus, and be an adviser in selecting the

reported in the papers," he said. Dr. Cohen said that seven years ago he wrote that adverse side effects of LSD were negligible under controlled conditions.

"The current LSD scene changes my opinion somewhat," he said. "We're now seeing cases of major LSD decompositions that are quite resistant to therapy. This is something surprising. The best treatment is not doing the trick for a few people."

Damage to chromosomes through the repeated use of LSD should give people pause, he said. "We know changes occur in the chromosomes, but we don't yet know what they mean," he continued.

Dr. Cohen said that he still favored controlled use of LSD, but he expressed doubt about the drug's potential. "We did a study in Los Angeles of creative capacity under the influence of LSD that showed no heightened capacity at all," he said. "Apparently the subjective feeling of creativity exceeds any objective verification of it."

Mr. Gioscia disagreed. "It is possible for whatever creativity you possess to be enlarged under LSD—providing you enlarge it," he said. "The drug doesn't do anything by itself."

The two-day symposium was sponsored by the Amherst College Student Council.

### ROGER L. WENSLEY, AD MAN, DIES AT 72

President of Basford, Inc., From 1925 to 1950

Roger L. Wensley of 50 Sutton Place, former president and chairman of Basford, Inc., an industrial advertising agency, died yesterday here. He was 72 years old.

Mr. Wensley was born in Brooklyn and was a graduate of Columbia University, class of '16.

In 1920 he joined Basford as a copywriter. He became president five years later and re-

mained in that capacity until 1950, when he was made chairman of the board. In 1953 he became chairman of the executive committee. He retired in 1960 to travel extensively but remained on the board of directors until last year.

During his business career Mr. Wensley served as executive secretary of the Independent Steel and Iron Producers Committee on Scrap, which in 1937 endeavored to limit the export of scrap to Japan. In 1940 he was principal consultant on mining and construction machinery in the Office of Price Administration.

His first wife, the former Katharine Basford, died in 1935. He is survived by his widow, Mrs. Isabella Harvey Wensley.

The funeral will be held Tuesday at 2 P.M. at the Fifth Avenue Presbyterian Church.

## Furniture-in-the-raw

AMERICA'S LARGEST UNPAINTED FURNITURE CHAIN.

### Sparta Hardwood

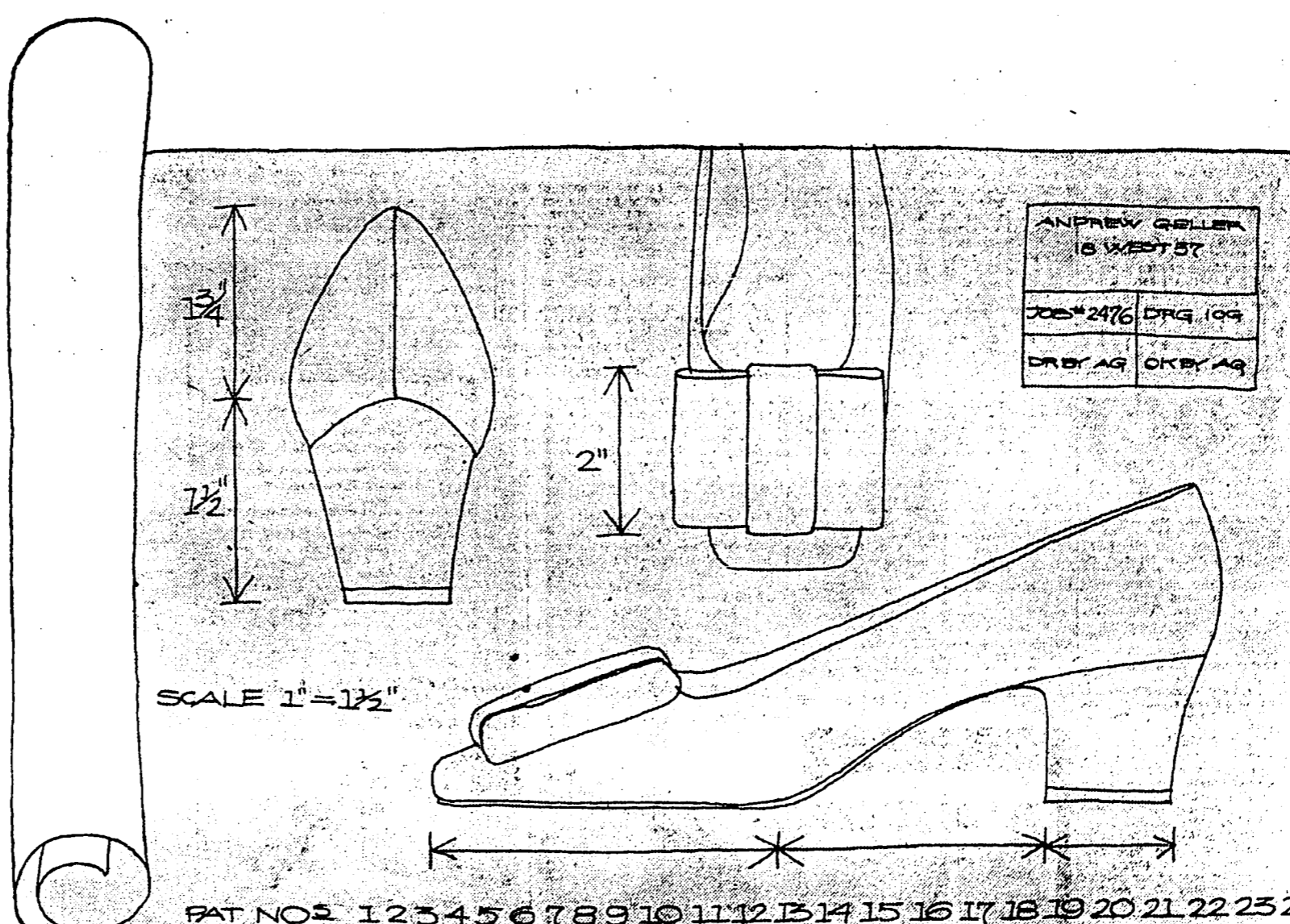
- Triple Chest W55 D17 H30 \$59.95
- Double Chest W48 D17 H30 \$74.95
- 7-dr. Desk W43 D17 H30 \$59.95
- Double Chest W57 D17 H35 \$59.95
- 3-dr. Chest W29 D17 H30 \$44.95
- Nite Stand W19 D17 H23 \$27.95
- 4-dr. Chest W29 D17 H47 \$44.95
- 547.95
- \$27.95

Furniture-in-the-Raw sells Sparta Hardwood! This is astonishingly fine furniture with a lean, modern design. In the Scandinavian fashion, drawer pulls are replaced by recessed finger grips, lending a formal, clean-lined, architectured look to these fine units. Sanded silky smooth, they are modular and will create a handsome wall. Open stock, always available, we show 40 different sizes in this one line.

MANHATTAN: 1015 Second Ave., N.Y.C. (Between 53 & 54 Sts.)  
Open 10 AM to 7 PM daily; Thurs. to 9 PM; Sat. to 6 PM. EL 5-7373  
WESTCHESTER: 650 Central (Park) Ave., Scarsdale, N.Y.  
1/2 mile north of Korvette. Open to 9 PM daily; Sat. to 6 PM. GR 2-4400  
QUEENS: 98-12 Queens Blvd., Rego Park, L.I., N.Y.  
3 blocks from Alexander's. Open to 9 PM daily; Sat. to 6 PM. TW 6-1500

Looking for the exclusive rights (and lefts) to an inventive little shoe? \$30.00 registers it as yours in black and many other shades of patent leather. At Andrew Geller, 18 West 57th Street.

## The Patent Pending Geller



ANDREW GELLER  
18 WEST 57

JOE 2476 DRG 109  
DRY AG OKBY AG

