

Mariner-2 Course Change Perfectly Executed

Pasadena, Calif. —UPI— Mankind ventured on his "first" major step into the exploration of the planets today as America's Mariner-2 sped toward a close rendezvous with Venus that could unravel ageless mysteries of the universe.

The spectacular spacecraft became the most successful interplanetary probe yet known Tuesday night by perfectly executing a critical change-of-course maneuver and hurtling on-target beyond a million and a half miles in space.

The feat also could give the United States a resounding space age triumph over Russia and might discover some unknown form of life existing beneath the planet's perpetual wreath of strange clouds.

Scientists' Hopes Soar

Tuesday night's "midcourse maneuver" was described by United States scientists as being so successful that Mariner-2 was reported on a trajectory that would take it on-target beyond a million and a half miles in space.

called for a "fly-by" exploration at 10,000 miles.

Scientists at Cal Tech's Jet Propulsion Laboratory (JPL), guiding and tracking the 447-pound instrument-laden Mariner, conceded it still had "a very long way to go" on its epochal 180-million mile journey.

But the successful execution of the crucial "midcourse maneuver" sent their hopes soaring for a historic success.

"We're going great at the moment," said Mariner-2 project Director Jack James, "and it appears we have a huge success."

Dr. William Pickering, chief

of the propulsion laboratory and a leading figure in the U.S. space program since the first Explorer entered orbit in 1958, also expressed optimism.

"This is the first major step in the exploration of the planets," he said. "We're reaching way out beyond earth which is necessary for

future exploration of the solar system by mankind."

Tuesday night's maneuver was to correct an off-course trajectory of 223,000 miles caused by faulty tracking data shortly after Mariner-2 was launched from Cape Canaveral, Fla., Aug. 20.

Scientists at JPL successfully fired the mid-course rocket motor by flashing a lone command signal to the vehicle while it was 1,492,500 miles from earth on its four-month

journey to Venus. The maneuver swerved the space probe on its new heading.

The Mariner-2 is scheduled to draw closest to Venus at 2 p.m. (EDT) Dec. 14. It will peer down through the planet's mantle of clouds with an "electronic eye" at secrets which have haunted man's imagination for centuries.

Astronomers have theorized that if the strange clouds of Venus are made up of water droplets like earthly clouds,

life is a possibility on the obscured planet. However, they say high temperatures caused by the clouds trapping heat would probably make the planet extremely uncomfortable by earth standards.

Mariner's dazzling triumph scored a dramatic prestige comeback for the United States. The Soviets started the world recently by maneuvering two manned spacecraft to near rendezvous in earth orbit.

However, the Russians were reported to have twice failed in attempting to send spacecraft to Venus — once early in 1961 and again less than two weeks ago.

Foreign Briefs

PRICE OF FOOD RISES IN YUGOSLAVIA

Belgrade—UPI—The Yugoslav news agency Tanjug reported yesterday the price of food in Yugoslavia rose 20 per cent in 1961.

Quoting a statistical yearbook, the agency said tobacco and beverage prices rose 25 per cent and footwear 4 per cent.

UDALL INSPECTS RUSSIAN POWER STATION

Moscow—UPI—U.S. Interior Secretary Stewart Udall yesterday inspected the world's most powerful hydroelectric power station at Volgograd, the Soviet news agency Tass reported.

The Volgograd station has a capacity of 2,563,000 kilowatts, about 650,000 more than the Grand Coulee dam in the United States.

SWISS DEPARTMENT HEAD RESIGNS

Bern, Switzerland—UPI—Vice President Jean Bourgnicht of Switzerland resigned yesterday because of illness. Bourgnicht, chief of the federal finance and customs department, would have become president of the confederation in 1963.

Under the Swiss system of government, the vice president usually is elected to succeed the outgoing president. Both are elected by the federal assembly for one year.

SEATO ALLIES TO CONDUCT EXERCISE

Canberra—UPI—Australia will conduct a full-scale tactical exercise next month with the participation of its seven South-west Asia treaty organization (SEATO) allies.

An announcement here said the exercise will be concerned mainly with how to keep open Australia's shipping lanes and maintain them free of enemy submarines, surface vessels and mines.

Dillon Won't Urge Congress To Limit Revenue Deduction

Washington —UPI— Treasury Secretary Douglas Dillon has decided against asking Congress to prohibit or limit tax deductions for interest payments, it was learned today.

About 18.7 million taxpayers claimed deductions of \$8.4 billion on their tax returns last year for interest they had paid, primarily on home mortgages.

Reports have circulated for some time that the administration's 1963 tax reform package might include a proposal to deny deductions for interest, or at least to limit them.

But responsible Treasury officials said today this has been ruled out. Nor will there be any proposal to change the present deductibility of state and local property taxes, it was said.

Wants Loopholes Closed

President Kennedy has said he will ask Congress next year to cut taxes across the board, for individuals and corporations. He also said he would ask the lawmakers to close certain loopholes in the tax code.

By closing the loopholes, the administration hopes to reduce the revenue loss resulting from rate reduction and to introduce a greater element of equal tax treatment for taxpayers.

Among the more controversial areas of tax reform getting intensive scrutiny in the Treasury are capital gains, depletion allowances and stock options. The Treasury also is still interested in removing the \$50 exclusion and the 4 per cent credit for recipients of dividend income.

The decision to drop any idea of limiting deductions for interest payments appeared, at least in part, to be politically motivated.

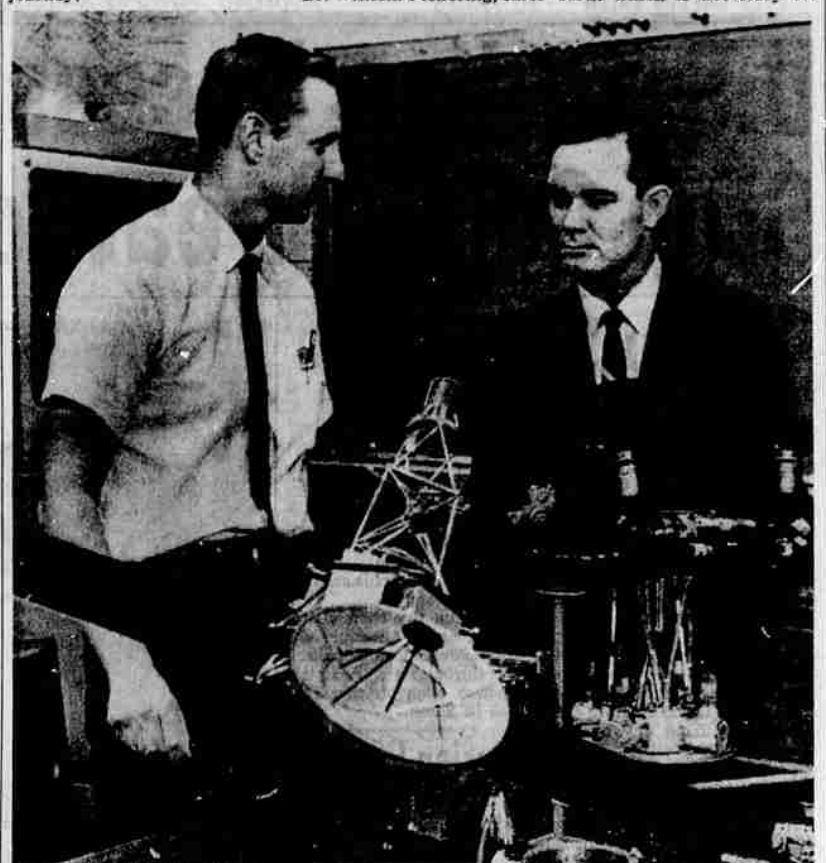
Democrats in Congress have privately expressed to Dillon fear that even the possibility of curtailing interest deductions could be used against them in the election campaign.

The issue is believed to have a lot of political significance because of the millions of taxpayers, especially home owners, who take deductions for interest paid.

A home owner with a mortgage typically may pay as much as \$1,000 a year in interest. If he is, for example, in a 26 per cent tax bracket, the deduction saves him \$260 in taxes.

ROAD GETS PICKLED

Saint Avoit, France —UPI— A tractor-trailer truck overturned near here Tuesday, dumping 23 tons of cucumbers on the highway.



DISCUSS MANEUVER—Mid-course trajectory engineer Fred Barnes, left, and project engineer Tom Bilbo discuss the apparently successful mid-course maneuver of the Mariner-2 spacecraft in Pasadena, Calif., Tuesday. On a signal from Cal-tech's Jet Propulsion Laboratory, the course of the Mariner-2 was altered to come within 10,000 miles of the planet Venus sometime in early December. On the desk in front of them are a model of the Mariner and a mock-up of the mid-course motor (at rear). (UPI)

Senators Look Forward to Tax Revision Bill

Washington —UPI— Senate leaders looked forward to completing action today on President Kennedy's much-amended tax revision bill.

Democratic chiefs were reported to have the votes necessary to sidetrack the most troublesome of two remaining amendments. With these two roadblocks out of the way, the Senate was expected to approve the measure before the day is over.

Administration sources said a majority of senators present would vote to table an amendment that would allow professional and other self-employed persons to take tax deductions of up to \$1,750 a year to set up their own retirement plans.

Separate Bill

Senate Democratic Leader Mike Mansfield promised to call up the pension plan proposal as a separate bill before the Senate adjourns this year.

The other pending amendment would cut the tax depletion allowance on oil and gas income and reduce the top bracket tax rate.

Other congressional news:

Estes — The Senate investigations subcommittee today summoned an attorney for Billie Sol Estes to ask him about his role in the cotton allotment transfers engineered by the Texas farm financier, John Dennison, who represented Estes in his cotton allotment dealings, has staunchly defended the complicated transfers which the Agriculture Department contends are illegal.

Powell — Rep. H. R. Gross (R-Iowa) today criticized Rep. Adam Clayton Powell's current junket in which the Labor committee chairman is investigating equal job opportunities for women in Europe. Gross, who is a perennial critic of government spending, said the trip was "a little more than par for the course."

Powell and two female aides sailed for Europe Aug. 8 and were expected to return about Sept. 21.

Body of Drowned Man Is Identified

The Dallas —UPI— The body of a man pulled from the Columbia river here Monday was tentatively identified as that of John W. Wilson, a migrant laborer who had been working in the Athens area of Umatilla county.

Deputy Coroner Leonard Smith said the body appeared to have been in the river about two weeks.

LIGHT EFFICIENCY

Schenectady — A modern electric light bulb gives 10 times as much light as the first incandescent lamps and at about one-tenth of the cost.

Light Buying Noted At Opening; Prices Recover Early Drop

New York —UPI— Light buying developed shortly after the stock market's opening today. Prices recovered their early losses.

Glamor issues, as usual were in the vanguard of the recovery movement. IBM climbed nearly 4, Beckman over 2 along with Polaroid, and Xerox, Zenith, Korvette, Litton and others a point or more.

Blue chips were slower to respond although Chrysler and Alcoa quickly chalked up point-sized gains. Steels were steady, chemicals and international oils narrowly mixed and autos firm. Procter & Gamble showed a point loss.

DOW JONES AVERAGES

New York —UPI— Dow Jones final stock averages: 30 industrials 602.45, off 6.73; 20 railroads 122.42, off 1.33; 15 utilities 120.99, up 0.16; 65 stocks 209.98, off 1.70. Sales Tuesday were about 2.97 million shares compared with 2.83 million shares Friday.

Tuesday's prices on selected stocks

Alcoa	38 1/2
Aluminum	39 1/2
American Air Lines	44 1/2
American Can	44 1/2
American Motors	17 1/2
A. T. & T.	111 1/2
American Tobacco	30 1/2
Anaconda Copper	39 1/2
Arden	44 1/2
Bentley Corp.	34 1/2
Bethlehem Steel	31 1/2
Boeing Air	39 1/2
Brussels	20 1/2
Caterpillar Corp.	34 1/2
Chrysler Corp.	36 1/2
Coca Cola	84 1/2
CBS	37 1/2
Continental Can	41 1/2
Crown Zellerbach	40 1/2
Crucible Steel	13 1/2
Curtis Wright	18 1/2
Dow Chemical	48 1/2
Dynalene	109 1/2
Eastman Kodak	101 1/2
Firestone	31 1/2
Ford	42 1/2
General Electric	62 1/2
General Foods	69 1/2
General Motors	32 1/2
Georgia Pacific	36 1/2
Greyhound	27 1/2
Gulf Oil	35 1/2
Homestake	34 1/2
Idaho Power	30 1/2
I.B.M.	387 1/2
Int. Paper	23 1/2
Johns-Manville	40 1/2
Kennecott Copper	88 1/2
Lockheed Aircraft	50 1/2
Martin	23 1/2
Metek (nd)	83 1/2
Montgomery Ward	32 1/2
National Biscuit	41 1/2
New York Central	12 1/2
Northern Pacific	23 1/2
Penn. J. C.	44 1/2
Penn. RR	11 1/2
Penn. Cement	18 1/2
Phillips	46 1/2
Procter & Gamble	68 1/2
Radio Corporation	40 1/2
Richfield Oil	39 1/2
Safeway	28 1/2
Santa Fe	30 1/2
Sears	73 1/2
Shell Oil	41 1/2
Society Mott Oil	40 1/2
Southern Co.	49 1/2
Sperry Rand	13 1/2
Standard California	58 1/2
Standard Indiana	44 1/2
Standard N. J.	51 1/2
Stokely Van Camp	18 1/2
Sun Mines	53 1/2
Texas Co.	13 1/2
Texas Gulf Sulphur	18 1/2
Texas Pac. Land Trust	28 1/2
Thiokol	37 1/2
Trans America	37 1/2
Trans World Air	10 1/2
Tri Continental	89 1/2
Union Carbide	29 1/2
United Pacific	24 1/2
United Aircraft	31 1/2
U. S. Plywood	42 1/2

U. S. Rubber 41 1/2
U. S. Steel 42 1/2
West Bank Corp 20
Westinghouse 27 1/2
Youngstown 76

Pope John Lays Down Rules for Ecumenical Meet

Vatican City —UPI— Pope John XXIII today laid down working rules and made top-level appointments for what he said would be the "most grandiose" Ecumenical Council in history.

The 80-year-old pontiff made final necessary arrangements for the council, which opens in St. Peter's Basilica Oct. 11, in a formal "motu proprio" made public today. A "motu proprio" is a document issued by the Pope alone and signed by him.

Pope John, in the introduction to the three-part document, said that "the forthcoming Ecumenical Council, because of the number and variety of those who will participate in its assembly, evidently will be the most grandiose of all those thus far celebrated by the church."

The council, known officially as the Second Vatican Council, will be the 21st in history and the first since 1870. The first Ecumenical Council was held in 325.

The long-range aim of the council is to bring all Christian churches back under the fold of Catholicism and the Pope.

The pontiff expressed optimism for the results of the council, which is expected to last for a year.

Barn Scheduled To Be Torn Down Today

A crew of Jackson county prisoners were scheduled to tear down a half-tallen barn in Phoenix today to eliminate a potential fire hazard, County Commissioner Edwin Taylor said this morning.

The barn and a shed are on Jackson county property occupied by Charles Pipes, County Commissioner Wendt noted.

Phoenix Mayor Faye Carver recently requested the barn be removed as a fire hazard. County court records show that the county had given former Phoenix Mayor Arthur MacKintosh permission to tear down the barn. However, the court had requested the city of Phoenix wait until Mrs. Pipes recovered from an illness.

Easter Island is 14 miles long and seven miles wide.

Dead Agriculture Official Approved Estes Allotments

Washington —UPI— Billie Sol Estes' attorney said today that an Agriculture Department official, later found dead under mysterious circumstances, had approved the Texas farm tycoon's cotton allotment dealings.

John B. Dennison, who handled Estes' legal affairs, told the Senate investigating subcommittee that the dead official, Henry H. Marshall, was "so completely satisfied" with the allotment operation that he declined even to look at the sales contracts.

Subcommittee Chairman John L. McClellan (D-Ark.) told Dennison his account "seriously conflicts" with the testimony of Taylor Allen, southwest regional director for the Agriculture Soil and Conservation Service. He recalled Allen's assertion that Marshall had said such transactions would be invalid.

Marshall, a cotton program specialist for the government, was found mysteriously shot to death June 3, 1961. His death was ruled a suicide at first but the Texas Rangers now say he probably was murdered.

Dennison told McClellan that Allen was "confused" about two different contracts. The Pecos, Tex., lawyer said Allen was unfamiliar with the details of the arrangements and "his memory serves him poorly."

RETAIL SALES RISE

Washington —UPI— The Commerce Department reported Tuesday that retail sales rose by 3 per cent in July to a record high. Sales totaled nearly \$19.7 billion, about \$231 million above the department's earlier estimate.

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