

NEAR PERFECT SUN SATELLITE FIRED BY U.S.A.

In The
Day's News

By FRANK JENKINS

Somewhere out in space as this is written an American satellite is rocketing toward the moon, which it is expected to pass at 2 p.m. Eastern Standard time (11 a.m. here) on Wednesday. It will miss the moon by the relatively narrow margin of 35,000 miles — which, in the illimitable vastness of outer space, must be regarded as a mere hair's breadth.

It will then streak onward to its final rendezvous with the sun, around which it is expected to go into orbit. There, presumably, it will join Russia's Lunik. It is a robot. Like Percy the Iron Man of an earlier day, "brains it has nix." Being brainless, it will be immune to the amenities of courtesy. Otherwise, let us hope, it would waggle its wings in greeting, just to show the Russians we are good sportsmen.

Besides, it has no wings.

Pioneer IV (that is the satellite's name) was expected to go within 15,000 miles of the moon. But there was a slip somewhere in the calculations. The scientists tell us that at the lunar distance of 230,000 miles an error of one degree (there are 360 degrees in a circle) in aiming would mean a miss of 4,000 miles.

Also, the ball from which Pioneer IV was fired was spinning round and round like a top. The target at which it was aimed was moving at 88 feet a minute. And the firing crew pulled the trigger. Between the pulling of the trigger and the arrival of the satellite at the moon, about a day and a half would elapse.

So — if you're a duck hunter — you won't be too severe with the scientists because of their 20,000-mile deviation.

Are there hazards out there in space?

Yes — e-e-s. NASA (National Aeronautics and Space Administration) scientists say Pioneer IV might collide with a meteor. In that event, it could be diverted from its charted course.

So —

You'd better warn your grandchildren that when in the future they take off for the moon or some other planet on a week-end space excursion they will be facing the same problem that annoys plane travelers in these days.

When one takes off for Chicago, one never knows but what, considering fogs, storms and such, one may be landed in Memphis, say, there to be transferred to a bus. Hence the cynical crack: "If you've time to spare, travel by air."

Your grandchildren may start for the moon and finally land on Betelgeuse.

In conclusion, I suppose that in your reading and listening you've noted that Pioneer IV is GOLD PLATED.

Don't let that upset you. The gold plating isn't (as a disgruntled taxpayer might be warranted these days in suspecting) used just to make Pioneer IV cost more.

Gold is an excellent conductor of radio waves. So the gold plating is used to eliminate the need for antennae sticking out awkwardly from the cone-shaped instrument package. With the thin plating of gold that surrounds Pioneer IV's fiberglass covering, it's whole shell serves as an antenna.

Local Merchants Plan Scrub Down For Spring Drive

The annual spring opening for Klamath Falls merchants may start off with a complete scrub down of store fronts and sidewalks if merchants in the 800 block of Main Street receive any takers to their challenge.

They have challenged all blocks on Main Street to a complete scrub down at 8 a.m. Thursday, March 12. In the 800 block, the group is insisting that either the assistants, managers or owners come dressed in dungarees and with a broom.

The spring opening plans include a special program on Saturday, March 14. At 11 a.m. balloons will be released through the courtesy of the Klamath Kurbstone Kowpokes in the Main Street area between Fifth and Eleventh streets.

In every balloon there will be a number which will be assigned to a store and those who get the balloons will find they are worth a prize at a Main Street store.

Customers will locate the store who donated this prize through lists posted within the store of each of the participating merchants.

Bob Beach, spring opening chairman, indicated that this year's opening should be one of the finest to date, and that widespread participation of all downtown merchants is expected.

BULLETIN

WASHINGTON (AP) — The State Department said today the staff of the U.S. Embassy in La Paz, where anti-American riots occurred Monday night, has moved to the outskirts of the city "for better protection by the Bolivian Army."

Herald and News

KLAMATH FALLS, OREGON, TUESDAY, MARCH 7, 1959
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Hawaii Bill Passage Seen

WASHINGTON (UPI) — The Hawaiian statehood bill appeared today to be moving rapidly toward passage in one or both houses of Congress before the March 28 Easter recess.

Action on the measure to admit the 50th state to the union was scheduled in both House and Senate committees today.

The Senate Interior and Insular Affairs Committee was expected to vote overwhelmingly approval of the statehood bill and the House Rules Committee scheduled its second hearing on the measure.

House leaders will bring the bill for floor action this week if it wins clearance in time from the Rules Committee, which has bottled up statehood measures in the past.

Senate Republican Leader Everett Dirksen (Ill.) said it was likely the Hawaiian bill would be called up in the Senate before the Easter recess.

Dirksen told a reporter he thought the statehood legislation would get to the Senate floor ahead of the labor reform bill because of swifter committee action.

Sen. Henry M. Jackson (D-Wash.), who will be floor manager of the bill, said he has told Senate Democratic Leader Lyndon B. Johnson (Tex.) that he is prepared to open debate March 16. But he said Johnson made no commitment.

Strike Police Reinforced

HENDERSON, N.C. (AP) — Fifty additional state highway patrolmen took up positions around the struck and violence-scarred Harriet-Henderson Cotton Mills today.

They joined local officers and 50 other troopers to protect non-striking workers from what Gov. Luther Hodges said he was informed were "goon squads."

Henderson city officials told Hodges in an emergency meeting at Raleigh Monday night that "the situation is out of control and getting worse."

Police Chief C. C. Harris said he feared "there will be firearms on the picket lines."

"I will do whatever is necessary to maintain law and order," Hodges declared, adding that North Carolina's right-to-work law "not only guarantees the right to work but to work free of molestation."

More violence broke out Monday as the mills' two plants began the third week of limited operations without a Textile Workers Union of America contract.

A crowd of about 200 hurled rocks, bottles and sticks at autos carrying workers from the South Henderson plant.

Three policemen were hit by rocks. They were not seriously hurt.

Harris said the picket lines contained "a squad of men unknown to us. We were rushed by approximately 20 of them. We got them back with the aid of the highway patrol."

THIEVES BURN MONEY

CHICAGO (UPI) — Thieves burned open a safe in a five-and-dime store Monday to get at \$13,000 in bills, but found the currency charred to ashes from the heat of their acetylene torch.

FIRST CHOICE FOR FARMERS

WASHINGTON (AP) — A 179-million-dollar atomic energy bill has been introduced in Congress. It would authorize 115½ million dollars for atomic projects, 49½ million for experimental reactors and 14 million for Euratom cooperation. Rep. Carl Durham (D-NC) and Sen. Clinton Anderson (D-MN) introduced the bill for fiscal year 1960 at the request of the Atomic Energy Commission.

Big Atomic Bill Given Congress

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Bus Plunges; Nine Drown

TIFFIN, Ga. (AP) — A school bus hit a rut in a road and overturned in a farm pond today, drowning at least nine children. Rescuers said possibly two or three other bodies may be found in the half submerged bus.

Atom Heat Set For Polar Bases

CANBERRA, Australia (AP) — The United States is planning to light and heat its antarctic bases within three years with atomic power, Rear Adm. George Dufek, on his way home after commanding the U.S. program in the antarctic, told a news conference.

His request for atomic power had been approved although the money has not yet been appropriated, he said.

Weather

FORECAST—Klamath Falls and vicinity: Fair tonight and Wednesday. Low tonight 20-25; high Wednesday 34-60.

High yesterday 61
Low last night 23
Precip. last 24 hours 0
Since Oct. 1 3.75
Same period last year 13.17

Northern California—Fair with little change in temperatures. Coastal winds northerly, 12-25 miles an hour.

CRATER LAKE
High yesterday 52
Low last night 22
8 a.m. today 27
No new snow
Snow depth 85
Last year 150

Sun is shining today at Crater Lake. All roads open and no chains required.

Reds Remove Road Blocks

WASHINGTON (AP)—American officials said today the Soviet Union has removed some but by no means all of the road blocks to a negotiated settlement of the German crisis.

These officials cautiously welcomed a new Soviet note accepting the West's proposal to hold a foreign ministers' conference on the critical issues. But their first intensive examination of the 10-page note, received here Monday, turned up several fishhooks.

They saw one concession: Kremlin agreement to a foreign ministers meeting at Geneva or Vienna next month.

Soviet Premier Nikita Khrushchev had said in a Moscow speech last Tuesday that a foreign ministers meeting would be a waste of time, so why not get on immediately with a summit conference. Now, the Soviets were agreeing to a foreign ministers meeting, limited to three months.

American officials also saw repetition of a previous Soviet line—that German reunification was a matter for the East and West Germans, and nobody else, to settle.

Some other demands and preconditions in the note would have to be explored in requests to Moscow for clarification.

U.S. consultations with Britain, France and West Germany are scheduled to start at Bonn next Tuesday. Diplomats of the four countries will begin then to draft a reply to the Soviet gambit.

World News In Brief

UNITED PRESS INTERNATIONAL
MOON SHOT — Washington—America's Pioneer IV satellite rockets toward the moon en route to join Russia's Lunik in orbit around the sun.

DISCOVERER—Inglewood, Calif.—New signals believed received from Discoverer I add credence to theory Air Force satellite is in orbit.

STRIKE — Henderson, N.C.—Extra highway patrolmen seek to head off further picketline violence in 16-week-old textile strike.

PAINTING—Washington—Post Office Department says movie company can use nude painting in ads but only at its own risk.

ROCK AND ROLL—Washington—Congress is urged to do its bit to curb spread of rock and roll music.

Harold Urges Negotiations

MOSCOW (AP) — Prime Minister Harold Macmillan warned the Russians in farewell today against a resort to force in the Berlin crisis. Premier Nikita Khrushchev, wishing him bon voyage, said "we are in favor of solving all disputed issues only by peaceful negotiations."

A joint communique, a Macmillan news conference and parting exchanges at Moscow's Vnukovo Airport summed up the positions of Britain and the Soviet Union on world issues as determined in talks over the past 10 days.

Macmillan, who started his reconnaissance mission to Moscow Feb. 21, took off for home aboard a British Comet IV jet airliner. Macmillan told a new conference the Berlin situation has "dangerous implications" which must be settled by negotiation and not by force.

"Unilateral action can only lead to danger," Macmillan told the conference. "We must avoid unilateral action and agree to negotiate together. Upon that theme we can make progress."

Earlier the two men had admitted in a communique summing up their talks that they had been unable to agree on political and legal aspects of a World War II peace treaty with Germany.

But the two government heads said they had had useful talks since Macmillan arrived in Moscow Feb. 21 to explore the Soviet premier's stand on major East-West issues.

They had agreed, Macmillan and Khrushchev said, that the problems of Germany must be settled, and that early negotiations between interested governments must get under way.

The communique said the two premiers also agreed on a common objective of ultimate prohibition of nuclear weapons under an international system of inspection and control.

It said there had been agreement also to expand Soviet-British cultural relations and added that trade relations between the two countries had been reviewed.

Macmillan was to leave for home by plane this afternoon. Macmillan and Khrushchev said they considered that the future negotiations on Germany "could lay the foundations for a stable system of European security."

"In this connection," the communique said, "they agreed that further study could usefully be made of the possibility of increasing security by some method of limitation of forces and weapons, both conventional and nuclear, in an agreed area of Europe, coupled with an appropriate system of inspection."

This appeared to revive Western proposals of several years ago that a limited start toward disarmament be made in a European zone extending on both sides of the Iron Curtain.

Kidnaper Said Childless

LOS ANGELES (AP) — As a distraught mother promised forgiveness, FBI agents today sought a childless woman they think may have resorted to kidnaping for the second time.

They said descriptions of a volunteer babysitter who vanished with Eric Flores of suburban Ontario jibe with those of a woman who figured in a previous kidnaping.

Ruth Flores, 35, widowed only last June, prayed, meanwhile, "see the light of what is right" and return her ailing eight-week-old baby.

"If she will do this, I am willing to forgive her," the mother sobbed. "She must love children an awful lot. But that's no excuse to rob me of mine."

The youngster was taken early Friday from the crib he shared with his twin, Aaron, Mrs. Flores has four other children.

A woman giving the name Ann Williams sat for Mrs. Flores after posing as a church worker. Mrs. Flores recalled that the woman wore a maternity dress although she did not appear to be an expectant mother.

Shasta Robber Asks New Trial

Sentencing of Mrs. Freddie Lee Connors for bank robbery was delayed in the Sacramento court of Federal Judge Sherill Halbert Monday by a motion for a new trial.

Mrs. Connors, 25, was convicted of the \$2,219 robbery of the Bank of Mount Shasta in Siskiyou County last November.

Judge Halbert gave no indication as to when actual sentencing would be done, stating that it would be delayed pending disposition of the motion for a retrial.

There was also no indication what grounds were being used by her attorney in asking for a retrial.

WEED — Esther Lee Woods, 23, of Weed, was arrested Monday evening by FBI officers on a charge of perjury.

Mrs. Woods, mother of two children and a graduate of Weed High School, is accused of making a false statement in U.S. District Court where she appeared as a prosecuting witness in the Freddie Lee Connors bank robbery case.

Mrs. Woods was taken Monday night to the Siskiyou County Jail in Yreka and on Tuesday morning to the Siskiyou County General Hospital for treatment for a hysterical condition.

She will appear at a later date before the U.S. commissioner in Redding for hearing and setting of bail.

Atom Heat Set For Polar Bases
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MRS. HARLAN P. BOSWORTH JR.
1959 Oregon Mother

Former Klamath Resident Named As Mother Of Year

A former Klamath Falls woman, 37-year-old Mrs. Harlan Bosworth Jr., of Medford, has been named Oregon Mother of 1959. The selection was made by the Oregon Mother's Committee composed of representatives of churches and women's organizations in the state announced in Portland, Monday.

Mrs. Bosworth, with her husband, then district manager of the California Oregon Power Company, and her four children, left Klamath Falls about 13 years ago to live in Medford. The family home was 548 Conger Avenue.

Bosworth is now vice president and assistant to the general manager of Copco.

During the time the family lived here, Mrs. Bosworth was a member of St. Paul's Episcopal Church, AAUW and was active in the League of Women Voters and numerous civic affairs.

She is the mother of four children, Mrs. William (June) G. Hughes, Salem; Harlan P. Bosworth IV, a student at the Church Divinity School of the Pacific in Berkeley; Robert Lathrop Bosworth, architect, San Anselmo; and David Myers Bosworth, a student at Southern Oregon College, Ashland.

Long interested in the welfare of Oregon Indians, she has been chairman for the Medford Council of Church Women which cooperates with other organizations on behalf of the Indians. During the past five years she has helped raise funds for a successful effort to establish an American Friends Service Committee supported social work for the Klamath Indians and has attended many state and federal hearings on Indian legislation.

Her activities also include efforts directed toward improved public health, YMCA youth groups and other civic organizations. She is a member of the University of Oregon Mothers' Club and of Chi Omega.

As Oregon Mother during this Centennial Year, Mrs. Bosworth will represent the state in the competition for the title of American Mother, to be honored in New York City in May. The national title was won by an Oregon woman, Mrs. Henry Roe Cloud in 1950.

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Shot To Fly Past Moon Late Wednesday Morn

WASHINGTON (AP) — Pioneer IV blazed a new U.S. space trail today more than a quarter of the way to the moon and farther out than any previous American rocket.

Scientists expressed assurance that the gold plated cone would speed on past the moon into orbit around the sun, where the Russians claim already to have put their Mecha satellite.

The Army blasted off the new Pioneer from Cape Canaveral, Fla., shortly after 9 p.m. PST.

The launching itself was called "as near perfect as could be determined." Initial speed was

INGLEWOOD, Calif. (AP) — Status of Discoverer I—the rocket the Air Force hoped would achieve polar orbit—was still very much in doubt today.

Official hopes of a orbit were boosted Monday on the basis of radio signals picked up in Alaska. But early today scarecrows failed in effort to find the missile by bouncing a radio signal off it.

A radio signal was beamed at the orbit path for 40 minutes, from the Stanford Research Institute in Palo Alto.

At the Standard Oil Co. research center in Cleveland, sensitive radio receivers were to pick up any reflected signals, but none was received.

quickly figured at 24,890 miles an hour, enough to escape the earth's gravitational pull.

By 5 a.m. PST scientists at the National Aeronautics and Space Agency figured the rocket was 66,000 miles out, more than a fourth of the distance of about 220,000 miles to the moon.

By 6 a.m. instrument readings and mathematical calculations placed the Pioneer 72,400 miles on its way.

At the 72,400 mile level the new Pioneer was down to 8,518 miles an hour. That was close to the speed estimated in advance for that point in the flight. Scientists stuck to their prediction that the rocket would pass the moon, at a distance of some 35,000 miles, around 11 a.m. PST Wednesday.

Between 4 and 7 a.m., three powerful tracking stations, at Goldstone, Calif.; in Puerto Rico and at Jodrell Bank, England, had it under simultaneous observation for 15 minutes.

NASA said these simultaneous trackings made possible extremely precise measurements of speed and course.

A maximum takeoff speed of 24,890 miles an hour made it certain the probe, dubbed Pioneer IV, would continue into an orbit around the sun, the scientists said. But no estimates of the shape or size of the orbit were promised before Thursday or Friday.

By 1:30 a.m. the space probe, losing speed as it rose, was estimated to be 42,100 miles above the earth. Its speed then was estimated at 8,600 miles an hour.

Powered by a four-stage Juno II rocket, the probe was hurtled aloft from Cape Canaveral, Fla., at 9:10 p.m. in a launching described "as near perfect as could be determined."

Two and one-half hours later, jubilant scientists of the National Aeronautics and Space Administration here reported "very favorable" results.

The predicted success of this attempt came after four U.S. failures to orbit or pass the moon. One of three Air Force tries sent a probe up 71,300 miles before it fell back to earth and was burned up in the atmosphere. The Army's first try ended at 63,580 miles.

The Soviets claim to have established the first man-made planet in a solar orbit after a launching last Jan. 4.

Pioneer IV, whose gold plate provides an antenna to relay radio instrumentation back to earth, is 20 inches long and weighs 13 pounds. It is loaded with instruments to measure radioactivity in space and already has sent back much data, the scientists said.

But although it was labeled a clear success, Pioneer IV missed advance expectations in some respects.

It had been aimed to go within 10,000 to 20,000 miles of the moon. Instead, it will pass no closer than 35,000 miles. Dr. William H. Pickering, head of NASA's Jet Propulsion Laboratory at Pasadena, Calif., said the angle at which it was injected into its trajectory "seems to have been off somewhat."

"The reason for this we do not know at this time," he said.

The Soviet claims to have come within 5,000 to 4,000 miles of the moon.

The off-course hearing which Pickering confirmed was first reported from Jodrell Bank, England, where scientists manning a big radio telescope said the probe appeared to be several degrees lower than the planned path.

One of Pioneer's IV's assigned scientific tasks was to test a pistol-shaped photoelectric sensor, designed to determine whether later probes might take television pictures of the moon.

But Pickering said the photoelectric device, triggered by the

light of the moon, would work only within 20,000 miles of the moon.

Otherwise, the shoot was described as nearly perfect.

The blast-off time was just four seconds off that planned for the probe, and all four stages of the rocket fired in sequence. It went into its trajectory about four minutes after leaving the ground.

Dr. Abe Silverstein, NASA's director of space flight development, said the Pioneer's top speed was well above the 24,585 miles an hour he said was needed to boost it out of the earth's main gravitational pull.

Pickering predicted that as the space probe passes the moon its position with respect to the earth would be over the Pacific Ocean "somewhat south and west of Hawaii."

Although preliminary reports came from numerous ground stations, the eventual job of tracking Pioneer will fall to an observatory at Goldstone Dr. Lake, Camp Irwin, Calif. There an 85-foot parabolic antenna will continue to pick up the probe's signals after it goes too far into space to be heard by other stations.

Senator Asks Indian Loans
A bill to authorize use of Bureau of Indian Affairs revolving loan fund for withdrawing members of Klamath Indian Tribe not covered by existing departmental authority was introduced in the Senate by Sen. Richard Neuberger on Monday.

The loan program provided in Sen. Richard Neuberger's bill will permit the Interior Department to make non-interest-bearing loans to all withdrawing members of Klamath Tribe during period when tribal forest assets are being liquidated.

In a telegram to the Herald and News on his action, Senator Neuberger pointed out that about 253 tribe members of less than one-quarter Indian blood are affected by the bill, since department regulations last year provided loan procedures for other withdrawing members of more than one-quarter Indian blood.

Senator Neuberger told the Senate when introducing the bill that the loan program "is fully justified and is necessary to prevent economic hardship and inequities."

Blood Bath Set As Drive Chiefs Hurl Challenges
TULELAKE—Said the chairman of the Red Cross blood program in Tulelake to the chairman of the Red Cross blood program in Merrill:

"Yankies, you are hereby notified that the Tulelake Rebels challenge you to a blood duel, pink for pink, on your own ground, time and place, 2 p.m. to 6 p.m. March 4 in the Merrill Recreation Hall. Drs. F. E. Trotman of Merrill and Dr. I. Spomer of Tulelake to be in attendance. Name your donors and may the best side win."

Signed
Max Rozum, Chairman, Tulelake Red Cross Blood Program.

Said the chairman of the Red Cross blood program in Merrill to the chairman of the Red Cross blood program in Tulelake:

"Rebels, your challenge to blood duel on March 4 is heartily accepted. Merrill Recreation Hall good battleground. Drs. Trotman and Spomer satisfactory. We guarantee to furnish two bright red Yankee corpuses for every drop of pale Rebel plasma. Winner of battle not too important as Rebel blue blood and Yankee red blood both needed. Have troops arrive with sleeves rolled, ready to give battle. Instruct them to drive carefully so as to drench battleground, not highway."

Signed
Col. Alonzo Hodges, Northern Forces, Merrill.

Mrs. Madeline Swaney, Red Cross blood program chairman for Klamath County said today that some 100 donors are still needed to contribute at the Elks Temple today if the Klamath County quota is to be met during this visit of the bloodmobile.</