

Comsat To Buy Andover Earth Station Or Build One

**By FRANK SLEEPER
Business Reporter**

WASHINGTON — A decision will be made in two months or less on whether the Communications Satellite Corp. will buy the earth station at Andover from American Telephone and Telegraph Co.

There's a distinct chance that Comsat will build an earth station somewhere else in the Northeast if the sale doesn't go through.

Negotiations have been going on between the two companies for about a month, a Comsat official said Wednesday.

"We will go forward with an alternate plan, on which substantial progress has already been made, to establish an earth station elsewhere in the northeastern part of the United States if the negotia-

tions aren't successful," he declared.

Comsat is now looking over alternative sites for such a center.

It won't say where those sites are because of the possibility of a rise in land prices if the locations were given.

It's possible a new location would still be in Maine. However, with the whole Northeast being considered chances are against it.

If Comsat sets up its own center in another state, Maine would lose the tremendous publicity (some think almost automatic) that has come to it on a national and international basis because of the center's location at Andover.

It's not known what AT&T would do with the center if it isn't used for commercial operations, but the company

has said it would maintain it for testing.

But it no longer would be the hub of international satellite communications.

Comsat said it will expand facilities at Andover if it can purchase the station.

It would construct a second antenna there, of the 85-foot parabolic "dish" variety, as soon as design studies were completed. This is different from the huge horn antenna now being used at the Maine center. It's in a fixed position to work with the fixed Early Bird satellite.

The big horn antenna can sweep the sky keeping in communication with a moving satellite such as the Telstar model for which it was created. The horn antenna has been modified by Comsat so it will work with Early Bird.

Actually, it might be cheap-

er for Comsat to build a new earth station in the Northeast using the less expensive dish antennas than to buy the Andover station from AT&T.

It was learned that, for other reasons, Comsat would like to buy the Andover station. Several carriers, including AT&T, are challenging Comsat's right to own earth stations.

If Comsat could buy the Andover center, it would cut down on the efficacy of the challenges.

"The Federal Communications Commission is watching the negotiations very closely," a Comsat spokesman said.

Because both AT&T and Comsat are regulated, the FCC will neither allow the phone company to get a large profit on the sale, or allow Comsat to buy at a price which is too low.

"The price must be a good one for the Andover station," the spokesman declared.

Comsat not only would put in one "dish" antenna at Andover, but probably would add another, its spokesman said.

"It's a medium altitude satellite system is selected for the advanced global system, Comsat would request authority to build a third antenna (also of the 'dish' variety) at Andover," he reported.

Comsat has applied to build new earth stations at Brewster Flat in Washington and on the island of Oahu, Hawaii. Each of these stations, using "dish" antennae, is estimated to cost \$6 million.

This price doesn't include costs of building or buying inter-city centers in gateway cities for the stations.

Such centers have electronic equipment which would pro-

cess communications coming from the earth stations, from a single teletype writer channel to many channels as well as color and black and white television.

Such centers would assure that all authorized users would have equal access to the satellite system.

The interface center now being used by Andover is that operated by AT&T in White Plains, New York. If Comsat bought the earth station, it would build or lease another interface center, probably also in the vicinity of New York City.

Comsat has already entered into negotiations with AT&T for the phone company to provide the links between Andover (if it can buy that station) and a new interface center near New York.

The Oahu and Brewster Flat

stations would be in operation by the fall of next year and this also would be true of the new antenna to be added at Andover. This is why the purchase decision must be made within two months.

Comsat is now leasing the Andover station from AT&T. Rights to the lease expire Jan. 1, 1967.

Comsat also is conducting negotiations with Canada to use that country's earth station at Mill Village, Nova Scotia, as a backup to Andover.

The Canadian station is expected to be operating early next year. The negotiations also contemplate that the Andover facility will, in turn, provide backup for Mill Village.

Stevenson Collapses, Dies On London Street

Reserve, Guard Call-Ups May Total 200,000 Men

WASHINGTON (AP) — The prospect of an expanded draft and Reserve call-up has spread critically Wednesday with Secretary of Defense Robert S. McNamara warning of untapped Communist strength in Viet Nam.

It was learned that the Army, Navy, Air Force and Marine Corps have submitted, for planning purposes, tentative estimates for Reserve and National Guard call-ups totaling more than 200,000 men.

Whether a decision will be made to call this number, fewer or more will depend on developments.

Answering a barrage of questions at a packed news conference preceding his departure Wednesday night, with diplomat Henry Cabot Lodge and Gen.

Earle G. Wheeler, chairman of the Joint Chiefs of Staff, for an assessment of the Viet Nam war, McNamara put it this way: "What decisions will be based upon this review, I can't say."

"But I do draw your attention to the fact that the Viet Cong are continuing to increase their forces in South Viet Nam; that we have reported to you on previous occasions they currently have in that country forces not yet assigned to combat; that the level of operation and the intensity of operation during the summer has increased as we predicted it would; that we can expect further increases in the Viet Cong operations."

McNamara said it is reasonable to assume that if the U.S. forces assigned to South Viet Nam or

to Southeast Asia increase in strength, it will be necessary to consider calling up Reserve and (National) Guard forces, existing in the form of duty of personnel presently in the forces and increasing the draft calls.

"There was another development during the day to indicate that the impact of a jungle war being fought half a world away might weigh heavier at home, showing up in dollar outlay."

On Capitol Hill, some senators began a drive to increase the \$4-billion outlay in the military appropriation bill for fiscal 1966, which has increased as we predicted it would; that we can expect further increases in the Viet Cong operations."

Sen. John Stennis, D-Miss., acting chairman of the Senate Appropriations subcommittee considering the bill, said there were no serious deficiencies; in Continued on Page 16; 2d Col.



LBJ To Send Humphrey To Bring Body Home

LONDON (AP) — Death has alienated the eloquence of Adlai E. Stevenson, the man from Illinois, who became America's voice at the United Nations after twice losing bids for the presidency.

Stevenson, 65, had appeared in the best of health but he collapsed in a London street on this mild and sunny afternoon and died without recovering consciousness.

The cause of death was not immediately announced, but indications were he suffered a stroke or heart attack.

Griffiths, President Johnson announced in Washington he was sending Vice President Hubert H. Humphrey to take home the body of the man who was twice Democratic presidential nominee, U.S. ambassador to the United Nations and former governor of Illinois.

He ordered flags flown at half staff until after the funeral.

"America has lost its most eloquent spirit, its finest voice in our courage and virtue and sacrifice."

"I ask you all in our great loss this night to pray to God that his spirit will be with us to lighten our way and strengthen our hearts. Tonight man has lost a great and dear trusted friend — Adlai."

Wilder S. Foote, of Camden, retired United Nations Secretariat press chief, said: "He world stage; trusted by all ex-

cept the willfully deceitful; carrying high the untarnished banner of America: a model to all in courage and virtue and sacrifice."

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who defeated Stevenson for the Broadcasting Corp., the world heard Stevenson reject such suggestions and defend U.S. policy in Viet Nam.

He had just left the U.S. Embassy and was walking alone up Governor Street when he fell.

Ambassador Marietta (Mrs. Ronald) Tive, U.S. delegate to the British (Continued on Page 16; 1st Col.

Mariner 4 Hints Trouble That Could Ruin Pictures

PASADENA, Calif. (AP) — Mariner 4 radiated a hint of trouble Wednesday night as it flew by Mars on what was supposed to be a historic close-up photographic mission.

A few minutes after announcing that all was going well, scientists said they are concerned about the operation of Mariner 4's camera system for later playback to earth.

The team examining signals sent from the recorder is concerned over whether it is "Chopper" electricity from the power plant, which allows a credit when the average cost of fuel for generating power goes down.

"An indication that we are in Maine moving toward lower rates and better service, which testifies as to the excellent relationship existing between the regulatory commission and the utilities in the state."

Dunham said in a statement: "Cheaper electricity from pumped storage hydro developments loom large on the horizon for Maine's electric users of more immediate interest to CMP customers, however, is another reduction in rates for electric service which we plan to put into effect in late this summer or early fall."

He said he could not announce more details now, but noted the cut will be the CMP's second in about two years.

The most important factors in making the decrease possible, Dunham said, are cost-cutting economies by the company, technological advances in generators and other equipment used by other Maine and New Hampshire utilities.

CMP has announced tentative plans to build an atomic power station in the next decade, probably in cooperation with other Maine and New Hampshire utilities.

Pumped storage involves using surplus power at low-use hours to pump water up into reservoirs for use during hours of heavy demand to generate power quickly.

running and stopping properly," said Jack James, planetary expert around Mars similar to earth's Van Allen belt.

Some scientists had speculated that if Mars had a strong magnetic field spacecraft landing there in the next decade might have to be shielded against radiation damage.

Dr. Robert Neuberhan, chief of the laboratory's Space Sciences Division, reporting on a nonphotographic experiment, said Mars apparently has, as expected, a small weak magnetic field.

He said a magnetometer aboard the spacecraft indicated the planet's magnetic field was less than one-tenth that of earth — "on the order of a few per cent," he said.

He also noted that radiation counters showed no significant increase as the spacecraft approached the planet, indicating there is no dangerous zone around Mars similar to earth's Van Allen belt.

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Johnson, Close To Tears, Calls Adlai Friend To All

WASHINGTON (AP) — "Let us therefore, adversary and friend alike, pause for a moment to remember a man who has already reshaped the life of the nation and which will endure for many generations," the President said.

Johnson ordered the U.S. flag flown at half staff on all government buildings and installed at home and abroad, and on all ships at sea until after the Stevenson funeral.

The President also named a delegation of distinguished Americans, headed by Vice President Hubert H. Humphrey, to take home the body of the man who was twice Democratic presidential nominee, U.S. ambassador to the United Nations and former governor of Illinois.

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Rate Reduction Scheduled By Power Company, PUC

AGUSTA (AP) — President William H. Dunham said Wednesday the Central Maine Power Co. is working with the Public Utilities Commission on a rate reduction and hopes to place it in effect in late summer or early fall.

PUC Chairman Frederick H. Allen confirmed the negotiations and added that in the last eight years, the commission has been able to effect a saving of some \$10 million in the electric bills of Maine people through a policy of encouraging rate reductions.

Allen said rate decreases by 17 electric utilities in the last three years have totaled \$23 million.

In addition, there has been deletions of about \$7.5 million from bills of CMP customers by the "fuel clause," which allows a credit when the average cost of fuel for generating power goes down.

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Prayer For Today

God of the mountains, God of the sea,
God of all nature, watch over me;
Keep me from evil, guide me each day,
In the name of our Father, humbly I pray, Amen.

— F. Dale Oldham, Andover, Ind., executive director, Christian Brotherhood Hour.

In His Last Moments

Adlai Stevenson presented this study Wednesday in London shortly before he collapsed and died.

Maine Friends Mourn Death Of Statesman

"Tonight man has lost a great and dear trusted friend — Adlai."

These words from a Maine friend of Adlai Stevenson, a frequent visitor to the state, echo the deep sense of loss felt throughout the world at the death of the U.S. ambassador to the United Nations and two-time Presidential candidate.

Ambrose C. Cramer of Rockport, former Chicago architect, said: "... we have seen a noble man play a noble part on the world stage; trusted by all ex-

News, Features On The Inside

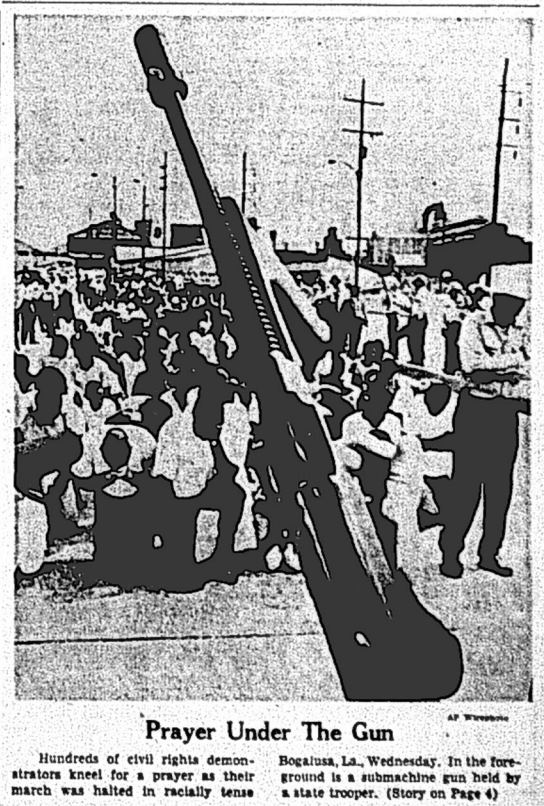
The Weather
Showers, clearing today; sunny Friday. Fall report on Page 3.

DENMARK IS CLEAN, FRIENDLY PLACE, but nobody's allowed to bring dogs like, says Bath youth following strike. Back Page.

U.S. JET FIGHTER-BOMBERS make their debut officially announced strike into North Viet Nam. Back Page.

CIVIL RIGHTS FORCES in Bogalusa, La. in rejecting governor's plea for 30-day halt in demonstrations, mobilize for more and bigger street marches. Page 4.

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Prayer Under The Gun
Hundreds of civil rights demonstrators kneel for a prayer as their march was halted in racially tense Bogalusa, La., Wednesday. In the foreground is a submachine gun held by a state trooper. (Story on Page 4)

STRAW HAT THEATER.

"THE OX-BOW INCIDENT"

starring
HENRY FONDA
DANA ANDREWS

9:30 P.M.
Channel 13