

Communications Systems of Companies Continue to Grow

By ELMER C. WALZER
UPI Financial Editor

New York — (UPI) — With American industry spreading out all over the nation with its branch offices and plants a giant system of communications is growing and growing. American Telephone and Telegraph company's long lines department sets up 5,267,760 miles of circuits for 5,277 services to industry in teletypewriter service. Also there are 7,259 users of private telephone lines with a total mileage of 2,565,140 miles.

Companies using these far-flung communications systems keep in touch with all developments of their various plants and offices. And the process makes a piece of big business for the telephone company.

Some of the systems resemble the press associations with their busy wire communications throughout the nation.

Various Industries
Largest users of private communication systems include General Motors, General Electric, U.S. Steel, Western Electric, Du Pont, New York Central, Chesapeake and Ohio, Republic Steel, Armour and Swift. Of course, the airlines are linked up with a vast network of wires.

One of the new communications systems recently installed with for Swift and company. Swift replaced its old communications system with a fully automatic teletypewriter system, the first of its kind in the food industry, according to American Telephone.

That company notes that Swift must have speedy communications because of the keen competition in the meat business where products are perishable, and profit margins very close. Market prices and available product supplies must be kept under constant observation.

Data Processed by ATT
The system also aids the

immediate delivery of products and permits a quick response to customer inquiries.

Mass Funeral Held For Crash Victims

Galway, Ireland — (UPI) — Business stopped here today for the mass funeral of 27 unidentified victims of last Thursday's KLM plane crash which killed 99 persons.

Exact cause of the crash was still unknown. A coroner's jury found Monday that the victims died as the result of "multiple injuries caused by violent impact," but said there was "no evidence to show cause of impact."

The unidentified bodies were taken to the small cemetery of St. Mary's Roman Catholic church in downtown Galway for burial in one grave.

The bodies of three Americans, two Dutch nationals, a Mexican and a man tentatively listed as an Iraqi were among the 34 recovered from the Atlantic off Ireland near the spot where the four-engine Super-Constellation hit the water. They will be flown to the victims' homelands later this week.

Five denomination services were organized at the mass grave — Roman Catholic, Jewish, Church of Ireland, Moslem and Non-Conformist.

Cuban Army Patrol Beats Off Ambush

Havana — (UPI) — A five-man Cuban army patrol beat off an attempted rebel ambush at Cabana, killing six of the enemy, the army announced Monday night.

It said the patrol suffered one casualty.

It requires about 45 gallons of water to fill an average domestic bathtub.

Engineers Claim Man Can Circle Moon in 80 Hours

Stanford, Calif. — (UPI) — Man can go around the moon in 80 hours as early as 1963 if this country wants to spend the money and the time on a crash program for the voyage, two engineers said today.

The engineers, Dandridge M. Cole and Donald E. Muir of the Martin company, Denver, Colo., reported on the possibilities of a Moon voyage in a paper prepared for delivery at the American Astronautical Society.

"A program including five test flights and three manned flights around the moon could be carried out for a total cost less than that of some current large rocket projects," Cole and Muir said.

The required vehicles could be assembled from components which, for the most part, are already well along in development.

They said the trip from earth to the moon and back could take from three to four days — "a good compromise between emphasis on safety and comfort of the passenger on one hand and lowest possible costs on the other."

The first preparatory step, they said, should be taken before 1962. That step would be to send a man in a sealed space cabin into orbit around the earth. Rocket hardware already under development could be used.

"Before 1964, the big step can be made," Cole and Muir said. "A man in a sealed cabin in a similar to the orbiting vehicle could be sent in a journey around the moon, returning to the earth."

The solutions to the major problems involved in such a venture are already understood in principle, and the remaining problems are primarily those of money, time and engineering development.

White's supporters, led by Sen. Arthur W. Watkins (R-Utah) said the Senate twice before had confirmed the Philadelphia attorney for high federal posts and that nothing had happened since to destroy his value.

Watkins also defended the soundness of the legal work done by White in the Little Rock case, saying that two courts since had upheld the validity of the President's action in using troops to enforce federal court decisions.

Farm Bill Gets by Final Congressional Barrier Monday

Washington — (UPI) — An administration-directed farm bill negotiated its final congressional hurdle Monday night after weeks of uncertainty and was sent to President Eisenhower for signature.

The Senate by voice vote passed the compromise measure which permits Agriculture Secretary Ezra T. Benson to drop minimum price supports to as low as 65 percent for corn next year and for rice and cotton in 1962.

Although bitterly assailed by farm state Democrats and Republicans, Congress passed the bill to forestall heavy cutbacks in cotton and rice planting allotments next year. The cuts would have occurred automatically if Congress approved no farm legislation this session.

The measure was regarded as a major victory for Benson, who said the bill "contains many forward-looking provisions which will give our nation's farmers and ranchers more freedom to plant, to market, to compete and to make their own decisions."

Soviet Migs Patrol Formosa Straights

Taipei, Formosa — (UPI) — Soviet built Mig fighter planes roamed the Formosa Straits today but the Nationalist Chinese Defense Ministry reported no combat.

The Nationalists warned their neighbors to be on guard against Communist subversion and infiltration in East Asia from Japan in the north to Thailand in the south.

Chen Chien-chung, a section chief in the ruling Nationalist party, predicted that the Communists will step up underground aggression against Japan and Southeast Asia as a result of the Peiping meeting between Soviet Premier Nikita Khrushchev and Chinese Communist President Mao Tse-tung.

The aggression will take the form of subversion and infiltration, Chen said.

Nomination Clears Senate Monday

Washington — (UPI) — President Eisenhower's nomination of W. Wilson White to head the Justice Department's new Civil Rights division cleared the Senate Monday night after a two-hour debate over White's role in the Little Rock, Ark., school integration episode.

A last-ditch oratorical assault by southern Democrats failed to keep the Senate from approving White's nomination by a 56 to 20 vote.

Voting against White were 18 southern Democrats, including Senate Democratic leader Lyndon B. Johnson (Tex) and two Republicans. The GOP votes were cast by Sen. Milton R. Young (N.D.) and John J. Williams (Del.).

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Watkins also defended the soundness of the legal work done by White in the Little Rock case, saying that two courts since had upheld the validity of the President's action in using troops to enforce federal court decisions.

U. S. Rejects Red Violation Claim

Washington — (UPI) — The United States has quietly rejected Russia's latest charge that an American jet plane deliberately violated Soviet air space, it was learned today.

The rejection was dispatched to Moscow during the past few days. The State Department had not made it public and apparently did not intend to do so.

It was not clear why the American note was kept secret after Russia freely aired its charges. There was speculation the U. S. did not want to ruffle Soviet feeling while hoping for Soviet cooperation at the United Nations in working out a Middle East solution.

The Soviet Union delivered its protest July 30. It charged that an RB47, the reconnaissance version of a four-turboprop medium bomber, zipped over Russian territory July 26. Russia said the plane came from Iran, violated the Soviet border over the Caspian sea and strayed 15 miles inside Russian territory before Soviet jets forced it back across the border.

The State Department refused to discuss contents of the reply. From other sources it was learned the Air Force was unable to find a single recent incident of an American plane violating the Soviet border in the Caspian sea area.

The U.S. therefore curtly brushed the Soviet charges aside as having no foundation, informed sources said.

Santa Monica, Calif. — (UPI) — A fastidious burglar broke into the Executive Men's Toiletries company here, police reported today. Only one item was missing—a bottle of "after six" cologne for men.

In addition to carbon bituminous coal has oxygen, hydrogen, nitrogen, sulphur and inorganic matter.

Court Records
DISTRICT COURT
Johnnie Sulton, overload, \$30.
Max H. P. Siemes, passing on crest, \$6.
Bertha E. Guches, no operator's license, \$10.
Richard Smith, failure to yield right of way, \$10.
Donald Hunter, racing, \$15.
Fred E. Wilkins, no motor vehicle license, \$5.
Merrill D. Martin, failure to dim, \$7.50.
Evelyn A. Cotton, failure to stop, \$10.
John W. Ansted, driving without headlights, \$5.
Raymond J. Carignan, overload, \$62.50.
Raymond F. Coulter, failure to stop, \$10.
Owen L. Triggs, no operator's license, \$10.

CIRCUIT COURT
Margie E. Johnson vs. Douglas Mitchell Johnson, divorce complaint.

MARRIAGE LICENSE APPLICATIONS
Donald Dean McLaughlin and Susan Ankeny Barnes, both of Medford.
June Clinton Wall and Joanne Marie Wilcox, both of Ashland.

Small Plane Lands On Expressway

Portland — (UPI) — Motorists were startled Monday night as they found a light plane parked along side the Columbia river expressway near Rooster Rock.

The plane, a Piper Tripacer, was enroute to Hillsboro from Boise, Idaho, when the motorist spotted it and the pilot decided it was time to land.

Peter P. Dement, 30, Seattle, was reluctant to land at the Portland International airport because of no radio transmitter. Dement was unable to find the Troutdale airfield.

Although his calculations showed there should have been plenty of gas left in his tanks, Dement decided a landing would be the safest thing to do.

He and his three passengers, Shirley Ann, 21, his wife, and Mr. and Mrs. Eugene J. Brown, of Seattle, took a long look at the beach sand at Rooster Rock park. Then as he swung over the freeway he spotted an opening in the traffic.

Smoothly and quickly Dement settled the plane onto the pavement and taxied off the busy highway.

The pilot said he hopes to get permission from the Civil Aeronautics administration to take off from the highway today. The Multnomah county sheriff's office promised to block off traffic if the CAA granted takeoff clearance.

Teenage Fruit Cake Still Looks Fresh

Monongahela, Pa. — K—Fifteen years ago, the Monongahela Businessmen's Association mailed a fruit cake to one of its hometown soldiers stationed at Fort Custer, Mich.

But the soldier, Leroy Gibson, left for the Pacific before the cake arrived. The cake followed him to various Pacific bases but never quite caught up with him.

Recently, the cake arrived at the home of Mr. and Mrs. Gomer A. Gibson, the soldier's parents.

Antwerp is one of the world's five greatest ports.

California Engineer Says Cost of Lining Canal Tremendous

San Francisco — (UPI) — A California water engineer says it would cost a tremendous amount of money to line canals in the Imperial Irrigation District to prevent seepage of water.

The engineer, M. J. Dowd of El Centro, Calif., testified to this effect Monday in the Colorado river water suit.

As a rebuttal witness for California, Dowd was countering assertions by Arizona that lining the canals would save 324,000 annual acre feet of water.

Dowd said it would be "impracticable" to line 1,800 miles of irrigation canals in the Imperial District because it would cost 72 million dollars.

He said lining the canals would not save 324,000 annual acre feet of water as Arizona claims but 212,000 acre feet. He said this amount of water would make possible reclamation of an extra 50,000 acres of land at a cost of \$1,700 an acre.

Linings Ineffective
O. L. Fudge, general superintendent for the Imperial Irrigation District, testified that the cement linings would not work.

"The reason they would not work, he said, is that the soil, swells when wet and causes breaks in the cement joints. He cited his experience with several lined sections in existence in the past 30 years.

Earlier, Arizona lost an attempt to force California to allow its own experts to watch \$40,000 worth of test drillings, at four well sites in the Imperial Irrigation District.

Special Master Simon H. Rifkind said he did not have the power to order California to open the tests to Arizona. But he indicated he would attach "little or negligible weight" to evidence from tests at which Arizona was barred. **Cites Opposite Case**
California is drilling the test wells to determine the possible existence of under-

ground water. The state hopes to gather evidence for countering Arizona's claims that between 400,000 and 700,000 acre feet of water could be pumped from the ground each year.

Northcutt Ely, chief California counsel, noted that Arizona had not invited California to tests in which electrical currents were run through the ground in order to find layers of possible water bearing soil.

He said he hoped Rifkind would apply the same standards to the Arizona tests as he would use in relation to the California drillings.

Arizona filed the water suit before the U.S. Supreme Court in 1952 to quiet title to 2,800,000 annual acre feet of Colorado river plus the flow of the Gila river, representing roughly another one million acre feet. The state is also seeking to amend its pleading to claim still another million acre feet.

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