# CONFERENCE TELEPHONE CALL LINKS NINE ARMY CORPS AREAS AT ONCE

### Coast-to-Coast Hook-up Connects War Department's Headquarters For First Time

International News Photo.

*General Malin Craig, Chief of Staff, (left) listens while General J. O. Mauborgne converses with the 9 Army Corps Areas during the telephone conference call which linked them via a coast-to-coast circuit recently for the first time.*

The first occasion in its history in which the War Department in Washington, D. C., was in two-way voice contact with all of its nine Army corps areas at one and the same time occurred recently when Major General Joseph O. Mauborgne, chief signal officer, conferred with the signal officers in the headquarters of all nine corps areas over a coast-to-coast telephone conference circuit. This demonstration of fast intercommunication was arranged with the cooperation of the Bell Telephone System.

Included in the conference circuit were the headquarters of the corps areas at Boston, New York, Baltimore, Atlanta, Columbus, Chicago, Omaha, San Antonio and San Francisco. The commanding officer and his staff in each area heard the demonstration and conversed with one another and with General Malin Craig, chief of staff of the U. S. Army, who attended in Washington with members of the War Department general staff.

The conference circuit used in this demonstration of the speed with which the War Department can communicate with all its major divisions throughout the country is a recent Bell System development in telephony. Special switchboard equipment makes it possible to link together by telephone persons at separate points anywhere in this country and even abroad, so that all may hear and join in the conversation. While specially arranged, the conference circuit set up for the War Department was not essentially different from those regularly used to interconnect groups of people for business or social conversation.


**His family called him a MURDERER!**

Utter ruin descended on the family of John Sentry. A shot in the night, a trial ... then the death house, awaiting execution! How his family accepted this shattering blow forms a dramatic story, told only as Ben Ames Williams could tell it. Don't miss this exciting new story running serially in these columns . . .

**CRUCIBLE**



**Dog-Gone Tired?**

**For weeks on end, a million little voices all over that body of yours, begging you to lie down and rest?**

**You haven't been treading the light fantastic into the wee small hours, either!**

**Well, it's time to visit your good friend, the doctor. Unexplainable fatigue is an early sign of tuberculosis.**

**Remember, there's a way of solving the mystery.**

**UNCOVER TUBERCULOSIS BY MODERN METHODS**

***Let the doctor be your guide***


The foghorn is one of the bassest things on earth.

Hypocrisy is the homage which vice renders to virtue.—La Rochefoucauld.

### Sparrow Hawk Smallest, and Is Most Attractive

When the handsome little sparrow hawk begins searching in fields and meadows for insects, the landowner should feel grateful that his property has attracted such a useful bird.

The smallest and the most brightly colored of North American hawks, the sparrow hawk (sometimes called the grasshopper or mouse hawk), prefers insectivorous food to everything else. If insects are not available the hawk will turn to mice and an occasional small bird, says a writer in the Chicago Tribune.

It's an easy species to identify because of its size. No other hawk measures just ten inches over all. And no other hawk sports such gay colors. The upper parts of the bird are bright chestnut, and on the head gray, black, brown, and white are blended into a beautiful color pattern.

Before it strikes the sparrow hawk poises absolutely motionless with wings and tail spread as if some tricky air current were holding it in midair.

The sparrow hawk, aside from its size and bright colors, also has another characteristic which sets it apart from other hawks. It is the only species that commonly will nest in a hole in a tree.

The little sparrow hawk is an opportunist. If insectivorous food is not abundant it turns to something else. When English sparrows are plentiful it is reasonable to expect the hawks to go after them.

### Judge Uriah Milton Rose Arkansas' First Citizen

When the state of Arkansas moved to make its first gift to the capitol's hall of fame, it chose a native of Kentucky for that honor, writes Leslie Hartley in the Washington Star. Uriah Milton Rose as a young man, however, followed the trend of his day to "go West" and moved to Arkansas. There he became known as the state's "first citizen."

Though born in 1834 of a wealthy family, Rose was orphaned when he was fourteen years of age and, the family fortune having been spent, went to work as a clerk in a store. At night he studied law and later became a charter member of the American Bar association and its president in 1901.

Arkansas also called Rose the "Friend of Presidents." When he was chosen to entertain President Theodore Roosevelt during the latter's visit to Arkansas a strong friendship between the two developed. Roosevelt often remarked that Judge Rose, who was widely traveled, had the "wisdom of Socrates" and in 1907 appointed him as one of the delegates to the Second Palace Tribunal at The Hague.

Judge Rose's last contribution to his state was made after his death in 1913, when his library of 8,000 rare volumes was given to the public library in Little Rock.

When poor countries like Sweden and Switzerland fare much better than we do, it means they arn't as poor as we are above the neck.

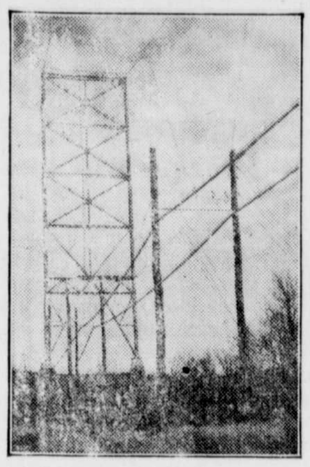
# LONGEST TELEPHONE CABLES SUSPENDED OVER RAPPAHANNOCK

### 1,500-Foot Span At Fredericksburg Made Necessary By Flood Threat

The longest suspended communications cables ever erected by The American Telephone and Telegraph Company in the United States span the Rappahannock River, a mile north of Fredericksburg, Va.

The two telephone cables are an important link between the north and south. Each cable is 1,500 feet in length. Cables are usually suspended about 800 feet between towers. The cables spanning the Rappahannock rest upon two huge towers, each 105 feet high and placed on either side of the river. They cross the entire river and an island.

The work of raising the cables from an ordinary pole line was made necessary by high waters caused by the disastrous flood of 1937, which did considerable damage to the all-important toll lines.



*The huge steel towers are 105 feet in height and painted in alternate bands of orange and white for better visibility. They support telephone cables 1,500 feet in length, which at their lowest point are 100 feet above the river.*

Strung between the high towers, the cables at their lowest point are 100 feet above the river, or 12 feet higher than the river has ever been known to rise. During the high waters of 1937 the river rose at this point to 83 feet, covering the poles at some places. The towers, painted with alternate horizontal bands of orange and white to conform with Bureau of Air Commerce specifications, are anchored by giant cables nearly two inches thick. These extend for several hundred feet where they are anchored in the ground by huge blocks of concrete.

Two stranded galvanized steel bridge cables, paralleling each other, carry the load. The structure is designed for a maximum of four telephone cables, of which two are now in place. The wires for the bridge cables, incidentally, were manufactured under the same processes and to the general specifications used in the cables for the George Washington Bridge in New York and the world's longest span, the Golden Gate Bridge at San Francisco. The structure, which now supports the cables where they cross the Rappahannock, was built by a contractor, but the cables were transferred from the old pole line to the new by A. T. & T. men. The construction work was carried on under the supervision of R. B. Alsop, Philadelphia, technical engineer for The A. T. & T. Co.

In securing the right-of-way required for the project, it was found that ownership of land on the south side of the river was held by individuals residing in Stockholm, Sweden. Negotiations, which were begun by letter, were continued by cablegram, radiogram and overseas telephone itself. In this last medium the final arrangements were made between the owners abroad and members of The A. T. & T. Co.'s legal department in Philadelphia.

### CHRISTIAN SCIENCE SERVICES

"Sacrament" will be the subject of the Lesson-Sermon in all Churches of Christ, Scientist, on Sunday, July 10.

The Golden Text will be from I Cor. 5:8: "Let us keep the feast, not with old leaven, neither with the leaven of malice and wickedness; but with the unleavened bread of sincerity and truth."

Among the citations comprising the Lesson-Sermon will be the following from the Bible, I Cor. 12:13: "For by one spirit are we all baptized into one body, whether we be Jews or Gentiles, whether we be bond or Free; and have all been made to drink into one spirit."

The Lesson-Sermon also will include passages from the Christian Science textbook, "Science and Health with Key to the Scriptures," by Mary Baker Eddy, among which is the following page 30: "We cannot choose for ourselves, but must work out our salvation in the way Jesus taught."

How to be a successful entertainer? Well, people cheer loudest when the lecturer tells them how intelligent they are.

The love of money is also the root of all national policies.

### In Poetry "Rubai" Means a Stanza of Four Lines

"Rubaiyat," pronounced "roo-bye-yaht," accent on the last syllable, is the plural form of "rubai," a word of Arabic origin meaning something made up of four parts. In poetry, notes a writer in the Indianapolis News, "rubai" means a quatrain or a stanza of four lines. The plural form of the word has become famous in connection with the "Rubaiyat" of Omar Khayyam, a Persian mathematician, astronomer, freethinker, and epigrammatist, who was born in or near Naishapur in the early part of the Eleventh century. "Khayyam," pronounced "Kye-yam," is a Persian word signifying tent-maker and probably refers to the occupation of Omar's father.

Although Omar is known in the western world chiefly as a poet and freethinker, he was a man of profound learning and by profession a mathematician and astronomer. His treatise on algebra is considered the greatest contribution of his country and age to the subject of mathematics, and it led Sultan Malik-Shah to appoint him one of the eight distinguished scientists to make astronomical researches with the view of reforming the Mohammedan calendar. When preferment at court was offered him Omar requested that instead an independent income be given him and that he be permitted to live in retirement and devote his entire time to scientific pursuits. Nominally he was a Mohammedan, but his verses clearly reveal a freethinker protesting against the creeds of the Moslem sects of his time.

It is doubtful whether Omar wrote all the more than 500 epigrammatic verses ascribed to him. No critic has been able to establish their absolute authenticity. Omar bears about the same relation to the "Rubaiyat" that Aesop does to the writings known as "Aesop's Fables." Edward Fitzgerald (1809-1883), an English man of letters, made Omar famous in the western world by his classic translation of the "Rubaiyat."

### Clonfinlough Stone Is Ireland's Oldest Monument

A suburb of the old town of Clonmacnoise, Ireland, contains the most ancient monument to be found in all of Ireland. It is the Clonfinlough stone, which is said to date back to Neolithic times, or, in other words, the Stone age. It is the pride of the near-by townland of Clonfinlough, with its church, its school, its post-office and its little general store, observes a writer in the Boston Herald.

Clonfinlough's agricultural area is small, but grows yearly, the young men finding pleasure in annihilating that wicked weed of destruction, the furze, and making it give place to growths of value, notably potatoes, which seem well-suited to the ground here.

The markings of Clonfinlough stone are said to record a fight to a finish between the local cross-men and the invading loop-men, says one authority, with victory for the former, and are similar to rock markings to be found in Spain, proving that there was intercourse between the Spanish and Irish long before the days when St. Patrick brought the blessings of Christianity to Ireland.

### Women Follow Men in Hunt

The women in the Kalahari desert of the Bechuanaland protectorate, often with babies on their backs, follow the men on the hunt wherever it leads them. And when the game is killed, they all settle down to a feast of raw meat. After a feast of this kind, especially when the moon is full, the Bushmen dance throughout the night. The women paint their bodies and faces with blood in a barber-pole pattern, and the men adorn themselves with jackals' tails stuck in their hair, and rattles at their ankles. They dance to the moon, fertility and to the living grass, and imitate the hyena and the eland, mimicking the animals feeding, fighting and gamboling. For music they monotonously chant a few weird notes and clap their hands. Sometimes they strum a single wire stretched from a peg in the ground or strung om a bow.

### Gave Chorea Its Name

A medieval mania for religious dancing gave chorea its common name. Once started, says the Washington Post, people found they couldn't stop, made pilgrimages to various shrines, found most relief at that of St. Vitus. Chorea usually strikes boys and girls between five and fifteen, strangely, those of above average intelligence. In severe cases the patient cannot walk, talk, eat, sleep, do anything for himself. His muscles twitch involuntarily, act so wildly the disease sometimes is called "insanity of the muscles."

### Taj Mahal, Architectural Wonder

The Taj Mahal, architectural wonder of the ages, was inspired by the death of Mumtaz-i-Mahal, the beloved of Shah Jehan. But as Arjumand Banu, she almost died in infancy, abandoned by her father in his flight from Teheran into India. A burden, she was left by the side of the road by her father, Asaf Khan, as water became scarce. Remorse saved her for womanhood, the father retracing his steps to pick her up, unharmed.

### WOMEN GIVEN EMPLOYMENT ON SEWING PROJECTS

More than 25,000 women have been given employment on 18 sewing projects in Maryland under the Works Progress Administration, it was revealed this week by F. H. Dryden, State Administrator.

These projects, launched in many sections of the State during the past two and a half years, served a double purpose, according to Mr. Dryden. They permitted women regarded as "bread winners" in their families to earn money, at the same time providing a major source of clothing for needy families.

While some of these projects have been suspended, at the present time more than 900 women are employed on sewing projects, supporting themselves and hundreds of dependents. This work is carried out under the Women's and Professional Division of the Works Progress Administration.

Today sewing projects are active in Baltimore City and the following counties: Allegany, Anne Arundel, Caroline, Frederick, Garrett, Prince George's, Somerset, Talbot, Washington, Wicomico, and Worcester Counties.

These women are producing garments to clothe the needy unemployed in the State. Each month they are transforming 41,000 yards of textiles into 19,000 garments.

During the past the sewing projects have been sponsored by the Board of State Aid and Charities, through local Welfare Boards. Mr. Dryden revealed this week that on July 1 these projects will be sponsored by the County Commissioners in the various counties where they are active, and by the Mayor and City Council in Baltimore.

During the winter many of these projects concentrated on making children's clothing, that was distributed to children of school age. Commenting on this program, Mr. Dryden. said:

"The education angle of the sewing projects is of paramount importance. Hundreds of women have been taught to make their own and their children's clothing. Whether they use this knowledge in the future to secure places in private industry, or use it only in their homes, it will be of incalcuable benefit to them."

In many of the larger sewing projects, modren factory methods prevail. Clothing made for adults include denim overalls, chambray work shirts, dresses, underwear and night clothing.

### SAFETY HINTS TO MOTORISTS

A warning that "one of the most elementary of all safety rules is being violated increasinly by motorists" was sounded by the Keystone Automobile Club. The Club points out that numerous accidents have occurred recently when occupants of have stepped out on the left side directly into the line of traffic.

"Ever since the earliest days of motoring," said Garrison P. Knox, Manager of the Club, "Safety authorities have emphasized the obvious danger of this practice. Nevertheless it continues, and at present definitely appears to be growing.

"The accidents which result usually are serious, often fatal. The motorist who insists on disenbarking from the 'wrong' side of his car runs a heavy risk. Certainly if he asks himself whether the risk is worth while, the answer will be an emphatic negative. He should act accordingly."

Drivers who "hog" the middle of the road are a highway menace, according to the Keystone Automobile Club, which emphasizes that this type of driving stamps the operator as a person of selfish habits, lacking in the elementary good manners essential to safety.

The unpopularity of "road hogs" does not seem to have caused any marked decrease in their numbers, but Club officials believe that public opinion eventually will force reform in driving habits.

Knitting was invented in the 15th century.

The giraffe fights by kicking with its hind legs.

The smile or frown you see on the face of the world is the reflection of your own.

**Farming Is a Business**

**And like every business, it requires forms, records and blanks that give you the facts about your farm, just as a business man has them about his business.**

**We print forms and letterheads (every business farmer should have his own letterhead) on Hammermill Bond, the Utility Business Paper.**

***Let Us Show You What We Can Do for You***


A womanly woman neither worships nor hates a man.

### JUDGES FOR PRIMARY APPOINTED

The Board of Election Supervisors of Cecil County have appointed Judges and Clerks to serve at the primary and general election. The official for the Sixth district, are:

A-F—Day, Judge, Robert Boyd, Colora; Ballot, James Lamdin, Rising Sun; Clerk, Alphens A. Pearce, R. S.; Night Judge, John Hindman, Rising Sun; Clerk, Claude C. Buck, Rising Sun.

G-Mc.—Day: Reg. Judge, moved to Elkton, Rising Sun, Ballot, Clifford Marker, Rising Sun; . Clerk, Earl Montgomery, Liberty Grove; Night: Judge, Harvey W. Ewing, Rising Sun; Clerk, Elwood E. Monger, Rising Sun.

N-Z—Day Reg. Judge, Thomas S. Riale, Rising Sun; Ballot, Charles E. Pearce, Rising Sun; Clerk, Lawrence E. Sadler, Rising Sun; Night: Judge, Arthur J. Dinsmore, Rising Sun; Clerk, John Tosh, Rising Sun.

### AUTHORIZED TO PURCHASE SURPLUS FRESH VEGETABLES

The Agricultural Adjustment Administration announced this week that the Federal Surplus Commodities Corporation has been authorized to buy surplus fresh vegetables during periods of market gluts to aid growers in twelve northeastern and Middle Alantic states. Purchases when made would be in markets where vegetable growers are engaged in organized efforts to improve marketing conditions for their products. All surplus vegetables bought are to be turned over to state agencies for distribution to people on relief.

Under the program the area in which purchases of price-depressing surplus vegetables would be possible, includes: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Maryland, Delaware, and Virginia.

Purchases would be made from growers or through associations of growers. The program was developed at the request of the Northeastern Vegetable and Potato Council to safeguard the interests of both producers and consumers against the effect which glutted market conditions have on supplies and prices.

### ADITIONAL ALLOTMENT FOR CANAL IMPROVEMENT

More than $1,000,000 will be spent on the Chesapeake and Delaware Canal during the next fiscal year, starting July 1, according to announcements made by the War Department in Washington.

Work on the canal constitutes the most expensive item in the list of harbors and rivers projects.

Earlier a maintenance allotment of $582,000 was approved for the canal.

Secretary of War Harry Woodring announced an additional allocation of $610,000. This sum, it was explained at the U. S. Engineer Office, Philadelphia, is for construction of jetties at the Reedy Point entrance.

### ASSETS OF CLOSED BANK SOLD

The remaining assets of the closed Farmers' National Bank, Oxford, Pa., including bills receivable, notes, claims of all sorts, together with a type writer, were sold at public auction June 18, for $700 to C. W. Hord, New York City.

The proceeds of this sale, if it is confirmed, will be added to such funds as remain in the hands of the receiver, A. M. Wilson, and a further dividend declared to the depositors; this and the dividend proceeding, representing a protion of the interest on their claims. The principal of the depositors had been paid off in full in the first dividends.

### FERRY PETITION FILED

The Tolchester Lines, Inc., has filed a petition with the Maryland public service commission, asking authority to operate a shuttle ferry service between Tolchester Beach and Bay Shore Park on the western shore, in connection with its regular ferry service between Tolchester and Baltimore.

### CHAMPIONS LEARN FROM AMERICAN BOY MAGAZINE

Many famous athletes in all sports credit much of the success to playing tips and suggestions received from sports articles carried in The American Boy magazine.

Virtually every issue of The American Boy offers advice from a coach or player. Football, basketball, baseball, track, tennis, in fact, every major sport is covered in fiction and articles.

This is just one feature of The American Boy Magazine. Adventure, exploration, sports, humor, flying, science, travel, detecting, animals, are well represented in stirring stories.

The American Boy sells on all newsstands at 15c a copy. Subscription prices are $1.50 for one year or $3.00 for three years. To subscribe simply send your name, address and remittance to The American Boy, 7430 Second Blvd., Detroit, Mich.

### KIRKWOOD HOTEL SOLD

McClure Bros., real estate agents, of Quarryville, have sold for George W. Brown, executor of John E. Brown, his Kirkwood Hotel property, in Colerain Township, containing 24 acres, with large brick hotel building, to Almon B. Reinhart, of Kirkwood. Mr. Reinhart will take immediate possession.