

WIRELESS PHONE STILL IN INFANCY

Noise Interference Yet to Be Overcome; Number of Messages Is Limited.

GREAT RADIUS COVERED

Most Practical Present Use, Says Engineer, Is to Give Means of Communication to Small Vessels at Sea.



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SAN FRANCISCO, Sept. 30.—(Special.)—John J. Carty, chief engineer of the American Telephone & Telegraph Company, speaking tonight of the achievement last night when Honolulu was reached by wireless telephone from the Government radio station at Arlington, Va., used figures to point out the possibilities of the future development of wireless telephony.

The distance from Washington to Honolulu is 4900 miles, he said. "Using Arlington as the center of a circle having a radius of 4900 miles and pre-supposing that we shall be able eventually to talk an equal distance in all directions, the circle will include London, Christiania, Stockholm, Berlin, Paris, Vienna, Belgrade, Sophia, Rome, Madrid, Lisbon and much of Northern Africa. It will reach to within only a few miles of Petrograd, and to the south the circle swings to a point below Buenos Aires and to the north its area passes through Alaska and the northernmost point of Greenland."

Japan Within Probabilities. "Should the Arlington station be duplicated at Seattle, it is then reasonable to suppose that the radius of transmission from Seattle is equal to the radius of transmission from Arlington. Within a radius of 4900 miles from Seattle are included Yokohama and Tokio.

"We have gone into this thing to discover the ultimate possibilities of wireless telephony. It is not, of course, naturally understood that this art is in its beginning, there are two limitations which will retard the development. The first of these is noise. At the present time the transmission of messages by wireless telephony is possible only in fine weather conditions. There is a division of opinion among learned men as to whether these disturbances can be reduced to any appreciable extent, but the consensus of opinion is that we can substantially reduce this interference.

Number of Messages Limited. "The second limitation is the number of messages which can be sent simultaneously. It is necessary in wireless telephony to use only one vibration—one note, one tone. The human voice, on the contrary, has many different vibrations. Therefore, the number of messages that can be taken at the same time will be limited to a few thousand, as against a billion messages which may be sent simultaneously when only one vibration is used.

The greatest usefulness of wireless telephony at the present time will be found in giving small boats, such as fishing boats on the Grand Banks, and even motorboats of any size, the ability to communicate with shore and between themselves. Wireless telephony will be developed in time so that the skipper of a lobster smack, equipped with a small motor, will be able to communicate with shore or with lifesaving stations in case of emergency."

JITNEY ACT EFFECTIVE

Seven Apply for Franchise Under Oregon City Measure.

OREGON CITY, Or., Sept. 30.—(Special.)—The Oregon City jitney ordinance, passed by the city, will become effective tomorrow. It will regulate interurban jitneys as well as those used for local transportation.

The Council granted special permits to Earl D. VanAuken, who runs a car from Main street to Mountain View, and E. J. Baker, of D. H. Hartgrove, Willis Carrington, James Gardner and J. W. Hitchman, who drive between Portland and Oregon City. These have applied for franchises under the new ordinance.

The new ordinance provides only that every operator must have a franchise.

DAHLIA SHOW WEDNESDAY

Episcopal Women Announce First of Annual Exhibitions.

OREGON CITY, Or., Sept. 30.—(Special.)—A Dahlia and Fall Flower Show, the first of its kind in Oregon City, will be held next Wednesday by the members of St. Paul's Guild in the rectory of St. Paul's Episcopal Church.

The show is not limited to the members of the guild, and other growers are invited to compete. There will be no charge for entering flowers, and the expenses of the show will be met by a small admittance fee. Ribbons will be given for prizes.

The women of the guild intend to make the show an annual affair.

FORUM TALKS WILL START

Mr. Alderman to Speak Sunday Night at Universalist Church.

"The Work of the Public Schools" will be the subject of an illustrated lecture to be given Sunday night at the Universalist Church, Broadway and East Twenty-fourth street, by L. R. Alderman, Superintendent of Public Schools.

This is the first of a series of addresses to be given at the Public Forum conducted by this church and taking up living questions affecting the life and welfare of the community. All residents are invited regardless of religious preferences.

J. W. Sweeney Sues Jackson County.

MEDFORD, Or., Sept. 30.—(Special.)—Service was made on officers of this county yesterday in a suit filed in Jackson County by J. W. Sweeney, contractor and builder, asking judgment against Jackson County for \$121,241, alleged to be due on the work of grading the Pacific Highway over the Siskiyou Mountains. The contractor, according to county officials, did a splendid job and because of the unusually good material used lost money. He claims the total cost of the road to be \$277,962, of which \$156,221 has been paid. The final estimate made by State Highway Engineer Bowby and confirmed by the present highway engineer gives the amount due Sweeney at \$26,000. This estimate Sweeney is said to have signed, but claims he signed it under protest.

JOHN D., JR., HAS PLAN

NEW INDUSTRIAL SYSTEM TO BE OFFERED MINE OFFICIALS.

Lines Under Which Workmen Will Be Treated Broader, More Democratic Than Unionism.

DENVER, Sept. 30.—An industrial plan which John D. Rockefeller, Jr., characterized as "broader and more democratic than unionism" will be presented to officers and employees of the Colorado Fuel & Iron Company at Pueblo Saturday. Announcement of the meeting was made by Mr. Rockefeller today. At the conference besides Mr. Rockefeller will be the principal operating officials of the company, all the mine superintendents and the grievance representatives of the various Colorado camps. Between 50 and 60 men are expected to attend.

In discussing the meeting Mr. Rockefeller declined to make public in advance any details of the industrial plan which has been worked out by himself and W. L. Mackenzie-King in collaboration with President J. F. Welborn and other officers of the company. He said, however, that it was in no sense an attack on union labor.

"At the outset of the late strike in 1913," he said, "the company took the position that every man was entitled to work on his own terms and conditions—that he should be free to join a union or not. That position, when explained by me before the Congressional strike investigation committee in 1914, was misconstrued in some quarters as a statement that we were fighting organized labor."

"What my statement meant and what the position of the company officers meant, was that we did not think those of our employees who did not care to join union should be forced to do so, as would have been the case if he had signed the contract tendered by the United Mineworkers of America. This is the position which I always have maintained."

"Do you mean that you will never in the future be willing to grant recognition to the United Mineworkers?" the mineowner was asked.

"I never have said that I will not recognize the union in the future," was the reply. "If the time ever should come when that course should seem to be the best for the common good of employers and employees, the door is not locked against its adoption."

"Unionism," continued Mr. Rockefeller, "benefits only one class of work-

men—those who belong to the union.

Our plan takes in all men irrespective of whether they join a union or not. Unionism benefits one group, not all the workmen. Our thought has been to devise something absolutely democratic, something that will take in all workmen, whether they belong to the union or not."

SCHOOL FAIR OCTOBER 22

Bohemian Settlement Plans to Make Exhibits of Farm Products.

KLAMATH FALLS, Or., Sept. 30.—(Special.)—A Bohemian settlement about 30 miles southeast of this city, on October 22, in the schoolhouse. The children's exhibits, all kinds of produce grown by them, as well as all kinds of industrial exhibits, will be the principal displays. The farmers of the section have also been asked to bring displays.

GOVERNOR WILLIS SPEAKS

National Defense Favored and Rogue River Valley Praised.

MEDFORD, Or., Sept. 30.—(Special.)—Governor Frank W. Willis, of Ohio, spoke to a crowd of 1500 persons in this city tonight. His speech had no political significance.

The Governor strongly favored preparedness for war and the strengthening of the National Guard. He spoke feelingly of the day spent in the Rogue River Valley and expressed regret that he could not visit Crater Lake.

Clark "Greatest Living Missourian." SEDALIA, Mo., Sept. 30.—Champ Clark, Speaker of the National House of Representatives, was named as the greatest living Missourian by Governor Major in an address here today.

The selection was made by the Governor in accordance with a request from the officials of the Panama-Pacific Exposition.

Art Exhibit Offered Monday. At the Portland Art Museum Monday there will be a private exhibition of paintings, sculpture, etchings and drawings by Pacific Coast artists. The hours are from 3 to 5 o'clock.

STRIKE GROWS VIOLENT

BOY KILLED, SCORES ARRESTED, IN CHICAGO OUTBREAKS.

Police Use Clubs Freely in Hand-to-Hand Street Fighting With Garment Workers' Sympathizers.

CHICAGO, Sept. 30.—Scores of persons were arrested today and one boy lost his life as the result of the strike of garment workers. The lad, Leo Schroeder, was crushed to death in the collapse of a shanty which he had entered to escape from a shooting affray. A mob of about 500 invaded the wholesale district, calling to workers to join the walkout. Police, who were summoned by a riot call, drove the mob across the river, whence it came. There was considerable hand-to-hand struggling and the police used their sticks freely.

A delegation of union leaders called on Mayor Thompson and protested against what they termed the brutality of the police assigned to the strike zones. Representatives of the Amalgamated Clothing Workers' Union still maintained tonight that the number of garment workers on strike exceeded 25,000. Manufacturers, however, scoffed at these assertions and insisted that no more had quit.

TROOPS GET WIRELESS

CAPTURE OF BORDER BANDITS TO BE MADE EASIER.

New System of Communication is Regarded as Possible Solution of Raids on Mexican Line.

SAN ANTONIO, Tex., Sept. 30.—With the arrival at Mission today of Company B, United States Signal Corps, from Texas City, the American border patrol forces in the lower Rio Grande Valley now are equipped to pursue bandit raiders with wireless.

Company B has four sets of portable wireless outfits and there already are three pack trains in the Brownsville district. This will make it possible for Colonel Blockson, commanding the district, to station one detachment of

DAMAGED GOODS

WHAT THEY SAY ABOUT "DAMAGED GOODS"

"The vice of men in the form of horrible disease is reflected in one suffering of good women."—Chicago Examiner.

"Social Disease Portrayed."

"'Damaged Goods' is a true and pure delineation of a social disease, and its far-reaching effect on public and personal health."—Child Hygiene Committee, Mothers' Congress.

"Less in Real Life."

"The more we have of 'Damaged Goods' on the stage, the less 'Damaged Goods' we will have in actual life."—Congressman Thos. L. Reilly, of Connecticut.

"Wages of Sin Told."

"Staged with great attention to detail and with the delicate plot handed in a manner to produce the most telling effect. While at the same time skirting the borders of impropriety, 'Damaged Goods,' E. Brieux' drama of the wages of sin, is visualized in motion picture form."—Washington Post.

"Disease Ravages Filmed."

"The play clearly portrays the ravages and influence of dreaded diseases and shows the great need for serious work to be done for its prevention."—Rev. Earle Willey.

"Remedy Will Come."

"The sooner the community comes to realize the danger that threaten the home, the unborn child and the race through unregulated or ill-regulated marriages, the sooner will a remedy be applied."—Dr. W. C. Woodward, Health Officer, D. C.

"Hard-Hitting Sermon."

"'Damaged Goods' is a track, a pamphlet a sermon—one of the most awakening and hard-hitting we have ever seen."—New York Globe.

"All Should See It."

"'Damaged Goods,' a drama which should be seen by all."—Congressman A. B. House, of Kentucky.

"Awful Truths."

"'Damaged Goods,' as presented by Mr. Richard Bennett and his co-workers, should be seen by all parents, young men and young girls. There are awful truths brought to light which should be heeded by every Florence Guernsey, President, New York City Federation of Women's Clubs.

"Appeal for Decency."

"The effect of the play is wholesome. In it no vulgarities and no unnecessary facts are permitted to appear. It offers the strongest arguments against hypocrisy, and makes a tremendous appeal for decency."—New York Telegraph.

"Lesson Needed."

"I think the effect produced on those who witnessed 'Damaged Goods' will be beneficial. It teaches and enforces a much needed lesson."—Congressman Joseph Graham, of Illinois.

"Horrible Truths Impressed."

"I would wish to take a young boy and girl of mine to see this play—'Damaged Goods.' If they could get harm out of it, I confess I do not understand how. It puts the horrible truth in a living way, with such clean, artistic force, that the mind is impressed as it could possibly be impressed in no other manner."—Editorial, Hearst's Magazine.

"Square Deal for Future."

"I welcome this new and brave forward step in dramatics and sociology. It is the reformer's trumpet blast to the present to give the future a square deal."—Dr. A. Simon, Rabbi Washington Hebrew Congregation.

"Bennett Effective."

"Bennett is very effective in pictures. His acting is splendidly adapted to the screen for the reason that his facial expressions are particularly powerful. The supporting company is excellent, and the play promises to be one of the moving picture successes of the year."—Washington Herald.

Begins at National Theater 11 A.M. Sunday

the signal company with a wireless outfit at Mission, the operating center of recent trouble, and have three detachments, each with wireless and pack-train detail, ready for immediate field service.

The new system of communication will be invaluable in the sparsely settled border country. While there is an abundance of troops in the field, they have been unable to surround a single band of raiders and prevent their escape.

It is believed by Army officers that the introduction of the wireless will make it almost impossible for bands of raiders to escape unless they confine their operations close to the river. The wireless outfits have a range of between 30 and 40 miles.

British Holders to Be Taxed. LONDON, Sept. 30.—Reginald McKenna, chancellor of the exchequer, made the statement in the House of Commons today that English holders of the Anglo-French loan floated in the United States will be subject to

the income tax wherever they hold the bonds, either here or in the United States.

400 Take Out Hunting Permits.

SALEM, Or., Sept. 30.—(Special.)—Preparatory for the opening of the hunting season for China pheasants here tomorrow 400 persons today obtained hunting licenses from the

County Clerk. The birds are said to be in greater numbers throughout this section than in years.

Embargo Put on Beet Seed.

THE HAGUE, via London, Sept. 30.—A semi-official intimation has reached The Hague that Russia has placed an embargo on the exportation of beet seed to all countries.

Advertisement for a dog show. It features a circular arrangement of various dog breeds. The central text reads: "See our finish tomorrow Chapter III (To be concluded)".

Advertisement for Shriners' Day Saturday at the Oregon State Fair. It promotes a special train via Oregon Electric Ry. Key information includes: "Last Great Day at the Oregon State Fair", "SHRINERS' SPECIAL TRAIN via Oregon Electric Ry.", and a "\$2 ROUND TRIP TO SALEM" with a return limit of October 6. It lists regular train departure times from North Bank Station (A.M. 6:45, 8:25, 10:40) and special train return times (Friday and Saturday).