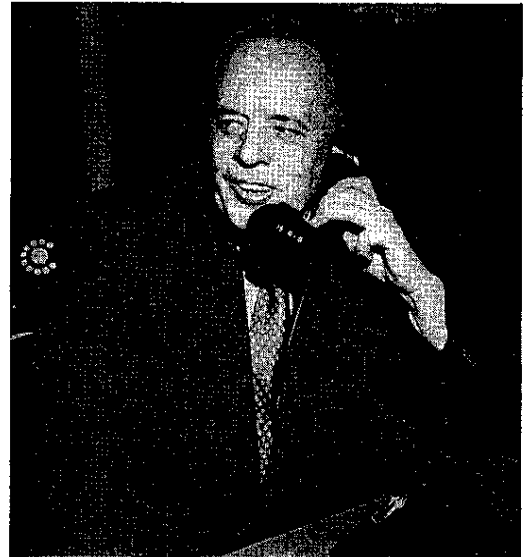


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Mayor M. Leslie Denning (right) of Englewood, New Jersey, talking to Mayor Frank P. Osborn of Alameda, California.

Englewood Begins Long Distance Customer Dialing

Starting November 10, telephone subscribers in Englewood, New Jersey, are now able to dial directly other subscribers in thirteen widely scattered localities throughout the nation, covering areas served by 800 central offices. With ten pulls of the dial—three more than the usual number—the Englewood subscriber is able to reach the following cities and many of their suburbs: Philadelphia, Boston, Providence, Pittsburgh, Cleveland, Detroit, Chicago, Milwaukee, Oakland, San Francisco, and Sacramento. These cities were selected because their present telephone numbering plans and current equipment installa-

tions are particularly suitable for this trial of new extended dialing facilities. One of the reasons why Englewood is being used in the new setup is because its new No. 5 crossbar offices were suited to this type of service.

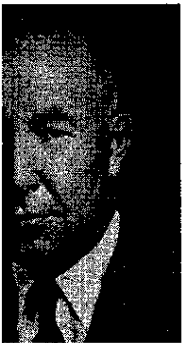
Basis of the trial is the division of the United States into areas designated by a three-digit code. San Francisco, for example, is in area 318, so that an Englewood customer calls San Francisco merely by dialing 3-1-8, followed by the San Francisco customer's regular telephone number. Similarly, a preceded code of "6-1-7" will speed a call to a Boston location. *(Continued on next page)*

Ceremonies at Englewood, November 10, 1951, marking the opening of nationwide dialing were attended by civic leaders, public officials and telephone officials. While Mayor Denning talks on the telephone, Raymond Nelligan, Englewood local manager, stands by the table.

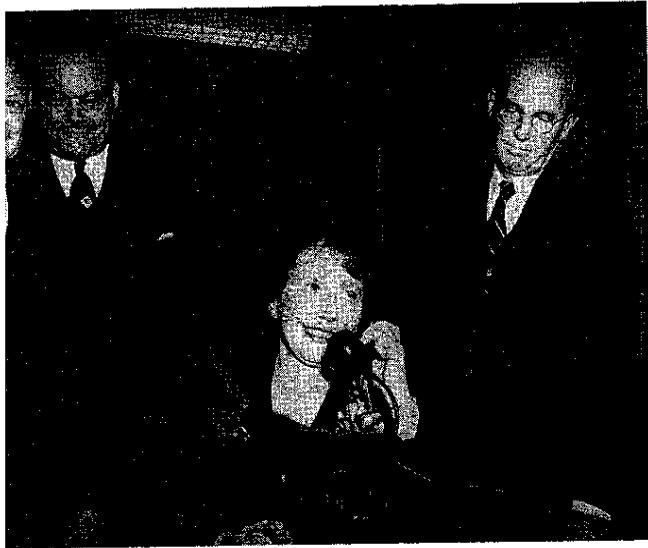


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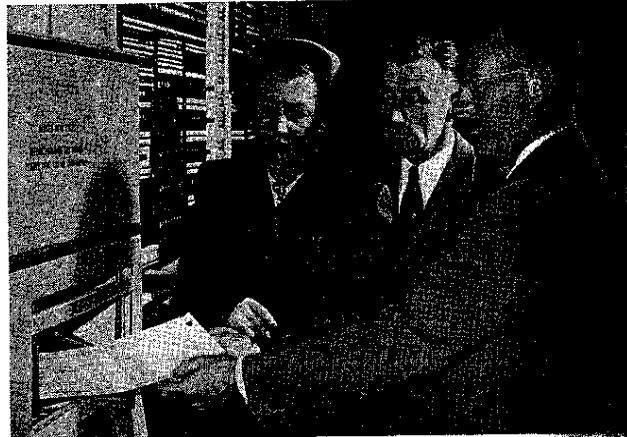
stories Record



Mrs. Hortense Kessler, member of the New Jersey Public Utility Commission, tries out the new dialing plan. Looking on are (left to right) H. S. Osborne, Chief Engineer, A T & T, F. R. Kappel, Vice President of A T & T, and J. B. Rees, Vice President of New Jersey Bell.

Connections are set up entirely by switching mechanisms under the control of the customer's dial. Even the timing and ticketing of all the calls are done automatically. Although Englewood subscribers can place calls directly from their telephones, customers in the thirteen areas will not at this time be able to dial Englewood direct, even though they can receive direct dial calls from Englewood.

Feature of "The Telephone Hour" of November 12 was a home interview with Mr. and Mrs. Howard J. Cox, selected as typical Englewood subscribers. In preparation for the broadcast, Mr. and Mrs. Cox visited the central office where (left) switchman William Rainey explained how the equipment stores each digit as it is dialed. Wire Chief Frylinck showed them the "trouble" recorder, right.



Telephone operators, of course, have been dialing calls across the country for several years. At the present time, one out of every three long distance calls is dialed directly by the operator, but Englewood marks the first time that customers themselves are able to dial calls covering so wide an area.

Ceremonies inaugurating the opening of transcontinental dialing by telephone subscribers took place in Englewood, when Mayor M. Leslie Denning of that city completed a call directly to Mayor Frank P. Osborn of Alameda, California. Seconds after Mayor Denning picked up the telephone in Englewood, the two mayors were talking across the nation. This was in sharp contrast to the speed of completion of long-distance calls thirty years ago, when it took an average of fourteen minutes to complete a call—even today the average is nearly two minutes.

Members of the Laboratories attending the ceremonies were E. L. Getz, R. K. Honaman, G. A. Hurst, W. I. McCullagh, M. B. McDavitt and O. H. Williford.

TV Link to Canada

Authority to build the U. S. end of the first international television link, between Buffalo, N. Y., and Toronto, Canada, has been granted to the Long Lines Department of the American Telephone and Telegraph Company by the Federal Communications Commission. Antennas will be added to the Bell System's microwave station at Buffalo to beam U. S. network programs across the border to a projected Toronto-Montreal radio-relay system.

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