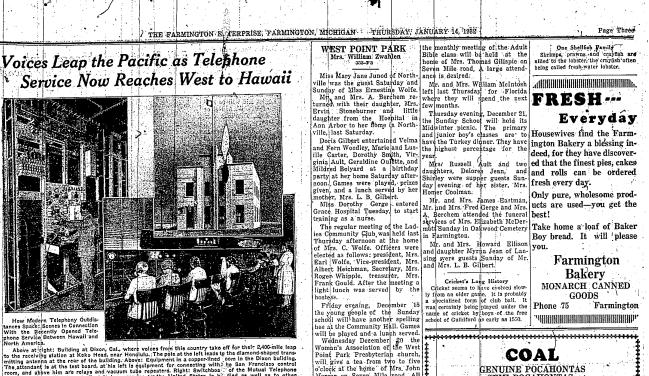
Voices Leap the Pacific as Telephone Service Now Reaches West to Hawaii



For the first time in history, voice-to-voice holiday greetings could be exchanged last Christmas-between friends in Hawaii and in time in history, I north America. For on December 23, 1931, rado telephone service was formally, pened to make con-versation possible between persons in the United States, Canada, Cuba and Mexico, and those on the prin-coll islands of the Hawailan Archi-pelago. Hawail thus becomes the first of the outlying dependencies of the United States to be linked with the latter by direct voice communi-

3

tion.

Two sporarie paths form the voice channel to Hawait. In its ourse from one telephone to another, the voice received an amplication measured in initions. The translating state of the property of the southwest of Sacrameato, and the receiving station, at Point Reyes, 35 miles north of San Francisco. Both the Dixon and Point Reyes, attained have recently been completed, and equipment installed, by Transpacific Communication Company, Ltd., subsidiary of the American Telephone & Telegraph Company.

North America

North America

The station at Diron transmits
to b station at Roto Head, 12 miles
from Honolula, and/Foint Royes recavies from; a station at Kahuku
Point, 30 miles from that, duyreacted to The Honolula Conperacet to The Honolula Contransmit of the Contransmit of the Conmiles of the Conmiles from the
found to the wire network of the
Matual Telephone Company in
Hawaii but kino to an inter-island
short wave radio telephone system
which it has recently inaugurated.

San Francisco is the focal point is for the new overees system. Through the transpacific control for the new overees system. Through the transpacific control form in the San Francisco testen phono office, subscribers in Hawaii are connected with the United States. Canada, Cucha and Mexico.

A special switchboard handles have a started by highly trained operators, is fitted withdirect circuits not only to the radio transmitting and receiving stations but to the principal cities of the United States and Hawaii ing stations but to the principal cities of the United States and Francisco testes when the Ward. Also makes the signals received from the ward to the same than the same than the states with a highly directional cities of the United States and Francisco testes when the West Case and the San Market power output of 20 kilo-states with a highly directional cities of the United States and Francisco testes when the West Case and Hawaii in th A New Development in Directional Antennas

A New Development In Directional Alexandrian Antennas Ant

iight lunch was served by the following served hostess.

Friday evening, December 15 as the young seople of the Sunday school will have another spelling bee at the Community Hall. Games will be played and a lunch served. Wednesday December 20 the Woman's Association of the West Point Park Presbyterian church, will give a tea from two to five o'clock at the home of Mrs. John Mercer on Seven Mile road. All members are requested to come and bring a friend with them.

Mr. and Mrs. Floyd Hopkins and son Billy of Detroit were guests Sunday of Mr. and Mrs. L. B. Gilbert.

Mr. and Mrs. Charles Karakostas and son Kenneth of Detroit were the Sunday guests of Mr. and Mrs. Ralph Voorheis.

Tupsday evening, December 19

COAL

GENUINE POCAHONTAS
SEMI POCAHONTAS
KENTUCKY EGG and LUMP
SEMET SOLVAY COKE
STOVE, CHESTNUT HARD

NOVI SUPPLY CO.

Farmington 26 Phones: Northville 374-R

THE **L'ACEMAKERS** ARE HERE!

New and Greater Hudson Eight New and Greater Essex Super-Six

Thrilling new colors, gem-like and clear. Dashing new lines, longer, lower, the airplane's graceful "speeds and streams." Scores of advances over anything heretofore offered, or likely to be available on other cars for many months to come, in striking new standard equipment features for comfort, convenience, style. More power than you probably ever will draw on. And all combined in two individually distinctive quality cars, each at a price which, in its field, Sets the Pace for Value!

HUDSON MOTOR CAR COMPANY, DETROIT, MICHIGAN

HUDSON INFORMATION
Three Splendid New Series of 8's
...Wheelbases: Major, 132"—
.Sterling, 126"—Stendard, 119"

Wheelbase: Mejor, 132".

Sheriind, 126"—Standard, 119"

12101 HOrsepower at 3600 r. p. m.
Hudon Spiede 8500 Miles an Hour
Silent Second Speed 55 Miles an Hour
Silent Second Speed 55 Miles Thermostating Carburter Heat. Control
"Componented Hard Cledner" Duold Automatic Engine
Olling "Triple-Sealed Oil Cushion Clirch Simplified
Selective Free Wheelbas Spanner-Mehr Thransmission
Silent Constant Meah. Second Gear | Diagonal Trons
Silent Constant Meah. Second Gear | Diagonal Trons
Silent Constant Meah. Second Gear | Diagonal Trons
Frame Tribus Neutration, Miles Oil Coll and
Generator, Safety Statistical Clirch Coll and
Generator, Safety Signal Lateral Spring Safet Condition
Generator Safety Safety Safety Final
IN Safety Saf

ESSEX INFORMATION

*70 Horsepower at 3200 rsp. m. Essex Speeds Beyond 70 Miles Silent Second Speed 50 Miles *Compensated Inher-ently Balanced Grankshaft : *Power

The state of the s

HUDSON and ESSEX

Lake Drive Garage

" not an Grand River Avenue

WILLIAM F. GOERS, Proprietor Phone 211

Farmington, Mich.

AreYouTroubled

"W.B." Means Wet Basement!

A DRY Basement Protects Health and preserves Property Values!

Let us Water-Proof your BASE-MENT . . All work guaranteed.

Estimates Made FREE of Charge.

Guarantee Water- Proofing Co.

G. L. Simpson, Mgr., Phone Pontiac 2-1025

Auburn Heights, Mich.

control minimizes fading or variations in volume. "Speech inverter" Insures Privacy on the Air With the exception of the antennas, if equipment to be used in the try apacific service is much the samely that a more employed on the frankfanite channels. In tentation, the try apacific service is much the samely that the channels and the "volume" at the radio channels, and the "volume" a device to eliminate the choice which would otherwise make it impossible to talk in south effections on the same radio wave length. In addition to this, there is the wealth of associated aparatus at radio station control room and switch hard which have been brought in by the diversional control room and switch hard which have been brought in by the diversional control room and switch hard which have been brought in by the diversional control room the same private and the same and the same control room and switch rodding the order of the private private and the same and the same control room in the same results and the same control room in the same results and the same results are same results. The results are same results and the same results are same results and the same results and the same results are same results. The primate community to the results are same results. UP BUILDING PROGRAM

cles Between 7,000 and 21,000 kilo-cycles, corresponding to a range of 40 to 14 meters. The Foltz Reyes receiving station has-eight stages of amplification, in addition to a high frequency and a low fre-quency detector. Automatic volume, control minimizes fading or varia-tions in volume.

In order to relieve the unemptoyment situation, the Pacific Telephone and Telegraph Company has decided upon immediate construction of a new \$2,500,600 building at the southwest corner of Pine and Steiner Streets, San Francisco, to house three of the important central offices of the company of the property of the property of the property of the property of the company has been also as the contral office of the company has been applied to the contral office of the company has been applied to the contral of the company has been applied to the contral of the company has been applied to the contral of the company has been applied to the contral of the company has been applied to the contral of the company has been applied to the contral of the contra

Penitential Ceremony e walking, a weird ceremony of Indian countries, still is per-

Step Beyond Real!

Tol cross the Rubicos meins to
its some two from which it is not
go to the comment of the comment
joins count, the province allotted
joins count for province allotted
joins count for province allotted
joins chesar. In B. C. 20, when
an crossed this stream, he passed
Join the limits of his form province
become an invade of trait.