## **New Cross-Country Phone** Cable Goes Into Service

A new coast-to-coast tele-communications centers autophone cable route designed to assure continuity of national communications in the event of natural or manmade disaster has been opened for service by the Bell Telephone System, according to Jim Leggett, Pacific Telephone System, built at a cost of \$200 million, can with-stand hurricanes, cyclones, tornadoes and nuclear blasts. California.

A new coast-to-coast tele-communications centers autophone manager to reach the protection of the protection matically cuts in the protection. Made possible by the high level of business activity and level of business activity and call in the continental United states will apply all day Sunday and on weekday evenings starting at 8 p.m.

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The cable, extending for nearly 4,000 miles from New to California, adds 9,000 telephone circuits, or voice channels, to the 15,000 now spanning the country.

THE FIRST of its kind in the world, the new communications route was engineered by the Long Lines Depart-ment of the American Telephone and Telegraph Co.

The system has now been under construction for five years, Leggett stated.

The Western Electric Co. manufacturing arm of the Bell System, provided the cable and installed transmission equipment in the com-munications centers and ampliffer stations along the

THE SECTION running through California and Ne-vada was constructed by the Pacific Telephone and Telegraph Co.

Strung along the transcon-tinental route of the new cable are 900 underground intermediate amplifier stations-all unmanned-and 11 manned communication cen-ters that link the cable with existing facilities.

The communications centers, built of heavily rein-forced concrete, are one to two story buildings, entirely underground. Small entrance buildings are the only struc-tures above ground.

In emergencies, each center can generate its own power and provide living quarters, food and water to operate in a "buttoned-up" condition for at least three

THE CABLE itself is buried from four to five feet under-ground. It is built to with-stand an overall pressure of more than 100 pounds per square inch.

By comparison, Leggett noted, an overall pressure of one-half pound per square inch could crush an average

The system, which bypasses all major cities and potential nuclear target areas across the nation, provides circuits for telephone service, private line services, telephone type-writer exchange service, and government communications. government communications

Coaxial cables, introduced for long distance communica-tions in 1936, are used to transmit telephone conversations, data and other specialized services, Leggett said.

COMMUNICATIONS carried inside the cable by pencil-sized, copper tubes called coaxials. In the New York-Washington section of the new route there are two cables, each containing eight coaxials. Westward, there is a single cable with 12 coaxials. Approximately 1,860 simul-taneous conversations can be transmitted over a pair of coaxials.

Two coaxials in the system are reserved for protection purposes. If a working coax-ial fails, equipment at the

### Dinner for Women of Moose Set

The Loyal Order of Moose Lodge 785, will hold a Christ-mas appreciation dinner Sat urday evening at the Torrancs Moose Hall, 1744 W Carson St.

The turkey dinner will be served at 8 o'clock, with members of the lodge doing the cooking and serving The annual event is sponsored by the Moose Lodge to demonstrate appreciation for the work of the Women of the Moose, Chapter 44, during the year.

Governor Bernard E. Finke and his co-workers have promised a delightful and enjoyable evening for all who

# Interstate Calls Get Lower Rate

tance station-to-station tele-phoning continues. phone calls is slated for February, according to Jim Leggett, manager for Pacific Telephone.

PRINCIPAL changes which will become effective Feb. 1 are:

• The \$1 minimum rate now.

• The reductions do not apply to long distance phone.

Reduced rates in long-dis-pattern of long-distance tele-be reduced between the U.S. mainland and Hawaii with the lowest rates applicable all

IMMEDIATE DENTURES NEW MAGNETIC

DENTURES REPAIRS ... RELINES
While U Wait
Extractions With Sleep

WELCOMED

DIFFICULT NO EXTR CASÉS **OPEN EVENINGS** 



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AND SATURDAYS

0-0707 For Prices in Advance

# PRICES EFFECTIVE THURS., FRI., SAT., SUN., DECEMBER 10, 11, 12, 13 Market Basket

BETTY CROCKER **Pancake** 

VERMONT MAID

Syrup 24-OZ. 12-OZ. **35°** BOT., 65° BOT.

**JERSEYMAID** Butter GRADE AA 1-LB. CTN. 69°

**Napkins** PACKAGE OF 50

Tamales

BLUE CHIP STAMPS

Lunch Bags 2 45 28-OZ. 396 Steak Sauce 3 27

SUG SAVE 9 granulated

Liquid Swan BOTTLE 65 Fluffy All 48-02. PKG. 79 Cold Water All 32.0Z. 75 Wisk Detergent 32-OZ. 634 Liquid Lux 22-0Z. BOT. 65 All Detergent 157-OZ. \$229

33-OZ. 79 **Final Touch** 40-0Z 77 Chili Con Carne

Add Sales Tax To Taxable

sugar

46-0Z. CAN

**Pineapple-Grapefruit** Tomato Sauce Wesson Mayonnaise

Facial Tissues CHIFFON OR TOWNE AND COUNTRY

Frozen Vegetables BIRDS 4 PKGS. 51

DUNDEE FRESH

GGS

YOUR CHOICE OF PEAS, GREEN BEANS, CORN, SPINACH OR MIXED VEGETAB-LES—ALL WITH BUTTER SAUCE

Chinese Food SUEY, FRIED RICE OR SHRIMP CHOW MEIN YOUR CHOICE PKG. 39 EGG FOO YOUNG SWEET & SOUR PORT OR EGG ROLL, PKG. 49

Reet Stew

ALL ITEMS

SHOWN HERE

LIMITED TO STOCK ON HAND

7-0Z. 45°

Delicatessen

Rolls 491/2-OZ.\$1

Cookies 16-02. 39

BETTY CROCKER
MOZZARELLA
PIZZa 16 1/2 - OZ. 49

NEW YORK MARTIN

ILD CHEDDAR

Cheese LB. 69°

Cheese LB. 594

MARKET BASKET
WALDORF OR FRUIT
RING GELATIN
Salads 24-02. 49\*
MARKET BASKET
POTATO

Salad 16.0% 29

**Market Basket Bargains** For Holiday Baking . . .

BETTY CROCKER

Greamy Frosting Mixes 13-OZ. 37

Red Label Karo Syrup 16-OZ. 33 Chocolate Chips 2 8-OZ. 39

Marshmallow Creme 7-OZ. 25

Baker's Coconut PACKAGE 37 Vanilla Extract 2-OZ. BOT. 45

Fruit Cake Mix 1-LB. 65

Powdered Sugar 2 1-LB. 294 Handi Wrap Food Wrap 50-FT. 19

MARKET BASKET

SAVE 200



F & P SLICED OR HALVES

BANQUET FROZEN CHICKEN, BEEF OR TURKEY

Silver

DETERGENT

HOLIDAY **COOKIE PANS** 

SIZES 16"x11"x¾" OR
18"x12"x1" HANDY ALL-PURPOSE 79°
PANS FOR EVERY DAY, EACH

IDEAL GIFT, POWERED BY WESTINGHOUSE! TEK

**AUTOMATIC** TOOTH BRUSH

EACH

WILSON'S CORN KING WILSON'S CERTIFIED SLICED BACON 1-LB, PKG, 59c LUER ALL MEAT

Game Hens NET WIT. EACH 69°

VAN DE KAMP FROZEN Macaroni & Cheesepkg. 29°

ALL VARIETIES BRAZILS

ALMONDS

LBS. WALNUTS • FILBERTS PECANS CALIFORNIA DEGLET NOOR (PACKED FOR SHIPPING) Dates PITTED, 1-LB., 10-QZ, PKG. 59°

2 LBS. 25° Apples Artichokes

Gift Fruit Pack LACH \$1.29

Dutch Onions 16-07.33#

Asparagus Spears 55¢ 17 JZ. CAN

Peg Corn 12-02. CAN 216

Beef Steaks 3 4.0z. 70°

Broiler Steaks 7.0%. 35°

1-LB. 55°

1-LB. 65¢

Veal Steaks

Cod Fillets 1-LB. PKG. 55

RUPERT'S FROZEN
Halibut Fillets 1-LB. 89

RUPERT'S FROZEN
Fish Sticks 3 8-OZ. \$1

Trout 12-0Z. PACKAGE 65

STREAMFRESH FROZEN
Shrimp COOKED & PEELED 496

Frozen Smelt 1-LB 39

STREAMFRESH FROZEN

RUPERT'S FROZEN

RUPERT'S FROZEN
Perch Fillets

RUPERT'S FROZEN

Sole Fillets

W BRAND

Copyright 1964 Market Basket Coolwater Wash 1-LR 39¢ Sta Grisp Grackers 29¢

**Roasted Peanuts** PLANTER'S 812-0Z, JAR
Dry Mixed Nuts 89#

Cleaner

Peas with Onions 29¢

MEXICOTE 12-0Z, CAN 23¢

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