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Title NANP - Interchangeable Central Office Codes in the Michigan 313 NPA		Project Number(s) 422402
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To
**Assistant Vice Presidents - Network Planning
Assistant Vice Presidents - Network Engineering
Assistant Vice Presidents - Operator Services**

Excluded Companies
Unrestricted

From
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Abstract

This IL announces the introduction of interchangeable Central Office (CO) codes and dialing procedure changes in the 313 Numbering Plan Area (NPA) located in Michigan. In preparation for the introduction of interchangeable CO codes after February 1, 1991, dialing procedure changes will be implemented on a permissive basis beginning on January 1, 1990 and will become mandatory starting July 1, 1990.

(Includes safety liability disclaimer (if applicable), ordering information, originator's signature information)

We have been advised by Michigan Bell Telephone that central office codes in the NNX format (where N = digits 2 through 9, and X = digits 0 through 9) will exhaust in the Michigan 313 NPA during the first quarter of 1991. Accordingly, to postpone the date when relief of the NPA may become necessary, Michigan Bell plans to introduce interchangeable central office codes in the 313 NPA after February 1, 1991.

Interchangeable central office codes refers to a change in the code format where N 0/1 X codes (i.e., those codes used only as NPA or Area Codes) are used as central office codes in addition to the common central office code format of NNX. Thus, interchangeable central office codes are in the NXX format. (See section 3 of "Notes on the BOC IntraLATA Networks - 1986", TR-NPL-000275, for a detailed description of interchangeable central office codes.) The format change enables 792 central office codes to be assigned within an NPA rather than the current 640 central office codes.

In anticipation of the introduction of interchangeable central office codes in the 313 NPA after February 1, 1991, the following dialing procedure changes will be introduced on a permissive basis on January 1, 1990 and will become mandatory beginning July 1, 1990:

- All Home NPA (HNPA) direct dialed "Toll" calls (generally calls for which a charge is incurred) will be dialed with a prefix '1' and 10 digits; i.e., 1+HNPA+NXX+XXXX.
- All Home NPA (HNPA) "Local" calls (generally calls for which there is no charge) and "Zone" calls (calls to outside the local calling area which are generally not considered toll charge) will be dialed on a 7 digit basis with no prefix, i.e., NXX+XXXX.

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- All Foreign NPA (FNPA) calls will be dialed with a mandatory prefix "1" and 10 digits; i.e., 1+FNPA+NXX+XXXX.
- All operator assisted calls including credit card calls (both Home NPA and Foreign NPA) will be dialed with the prefix "0" and 10 digits; i.e., 0+NPA+NXX+XXXX.

The purpose of the permissive period is to provide a time interval where customers can be adequately informed of the changes and to allow customers to make CPE modifications necessitated by the new dialing plan.

These dialing procedure changes will be of particular interest to customers with Foreign Exchange service and private networks which dial off-network calls in the 313 NPA.

To ensure code availability until February 1, 1991, Michigan Bell started assigning interchangeable codes to Radio Paging and Cellular companies in August 1989. For these few codes, the "timing method" will be used until the above dialing pattern and associated equipment changes for these codes are in place in the July 1990 to February 1, 1991 timeframe. The "timing method" refers to the algorithm whereby the switching equipment will wait approximately four seconds after the seventh digit is dialed for additional digits. If no additional digits are received within the four second period, the call will be processed as a 7 digit call.

If you have any operational questions concerning the introduction of interchangeable CO codes in the 313 NPA they may be referred to Mr. Duane Engstrom or Mr. J. Carry of Michigan Bell on 313-262-4550 or 313-262-4534, respectively.

Copies of this letter are being distributed to achieve the widest possible industry dissemination. Any questions concerning the contents of this letter may be directed to Bob McAleese, Bellcore, on 201-740-4592.



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