



City of Cambridge

11.

IN CITY COUNCIL

May 4, 1998

VICE MAYOR GALLUCCIO
COUNCILLOR BORN
COUNCILLOR DAVIS
MAYOR DUEHAY
COUNCILLOR REEVES
COUNCILLOR RUSSELL
COUNCILLOR TOOMEY
COUNCILLOR TRIANTAFILLOU

ORDERED: That the City Manager be and hereby is requested to send a representative to the hearing to be held by the Department of Telecommunications and Energy on the issue of area codes as set forth in the attached notice to represent the interest of Cambridge residents in maintaining the 617 area code.

In City Council May 4, 1998.

Adopted by the affirmative vote of nine members.

Attest:- D. Margaret Drury, City Clerk.

A true copy;

ATTEST:-

A handwritten signature in cursive script that reads "D. Margaret Drury".

D. Margaret Drury
City Clerk



The Commonwealth of Massachusetts

DEPARTMENT OF TELECOMMUNICATIONS & ENERGY

April 24, 1998

D.T.E. 98-38

Investigation by the Department of Telecommunications and Energy on its own motion to determine whether measures should be implemented to conserve exchange codes within eastern Massachusetts.

The Department of Telecommunications and Energy ("Department") is conducting an investigation to determine whether measures should be implemented to conserve exchange codes within eastern Massachusetts.

The Department will conduct a public hearing and procedural conference on Wednesday, May 20, 1998, at 10 a.m. at the Department's offices, 100 Cambridge Street, Room 1210, Boston, Massachusetts to afford interested persons the opportunity to be heard.

Any person who desires to participate in an adjudicatory proceeding concerning this investigation must file a written petition for leave to intervene or to participate in the proceeding with Mary L. Cottrell, Secretary, Department of Telecommunications and Energy, 100 Cambridge Street, Room 1210, Boston, Massachusetts 02202, not later than the close of business (5:00 p.m.) on May 15, 1998. A petition for leave to intervene must satisfy the timing and substantive requirements of 220 C.M.R. § 1.03. Receipt by the Department -- not mailing -- constitutes filing and determines whether a petition has been timely filed. To be allowed, a petition under 220 C.M.R. § 1.03(1) must satisfy the standing requirements of G.L. c. 30A, § 10.

By Order of the Department,

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MARY L. COTTRELL, SECRETARY



The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC UTILITIES

April 24, 1998

D.T.E. 98-38

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VOTE TO OPEN INVESTIGATION

I. INTRODUCTION

On January 23, 1997, the Department of Telecommunications and Energy ("Department") ordered a geographic split of the 617 and 508 area codes to create two new area codes -- 781 and 978. *Area Code Relief*, D.P.U. 96-61 (1997). Pursuant to that Order, the new area codes will be fully implemented beginning May 1, 1998. *Id.* at 7. Although these new area codes were expected to alleviate the need for additional area code relief for several years, the Numbering Plan Area Code Administrator for Massachusetts notified the Department on March 4, 1998, that, because of an unexpectedly high demand for new exchange codes, the 508 and 617 area codes are again in jeopardy¹ of exhausting the available supply of exchange codes (March 4, 1998 Letter to Department).² Moreover, the Code Administrator stated that a meeting of telecommunication carriers ("the Industry") would be convened on April 3, 1998 to discuss rationing of the remaining exchange codes (*id.*).³

¹ "A jeopardy condition exists when the forecasted and/or actual demand for NXX resources will exceed the known supply during the planning/implementation interval for relief." See Industry Carriers Compatibility Forum Central Office Code (NXX) Assignment Guidelines.

² The Code Administrator noted that of approximately 760 exchange codes in the 508 and 617 areas, only 156 codes remain in the 508 area code and 194 codes remain in the 617 area code (March 4, 1998 Letter to Department).

³ The meeting was held on April 3, 1998. Also, pursuant to federal area code relief planning guidelines, Lockheed Martin IMS, the North American Numbering Plan Administrator, held a similar industry meeting on April 16 and 17, 1998 to discuss relief plans for the 617 and 508 area codes. Department representatives attended these meetings.

II. VOTE TO OPEN AN INVESTIGATION

At the Department's direction, two new area codes were recently introduced in eastern Massachusetts which resulted in new telephone numbers that will become available on May 1, 1998. The Department is concerned that so soon after implementation of the geographic split introducing the 781 and 978 area codes, the industry has again indicated the possibility of a need for additional area codes. Before the Department can make a determination on area code relief, we will open an investigation to determine: (1) where and how the existing telephone numbers have been used; (2) whether measures could be implemented to conserve exchange codes within eastern Massachusetts; and (3) whether there is a need for area code relief at this time. In addition to examining these issues, this investigation will address related issues concerning (1) the rationing process to be used for assigning the remaining exchange codes in the 617 and 508 area codes and (2) the process for activating exchange codes (relative to the introduction of the two new area codes).⁴

III. ORDER

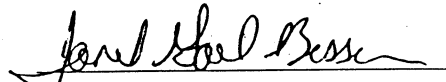
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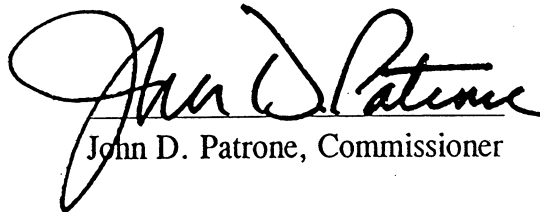
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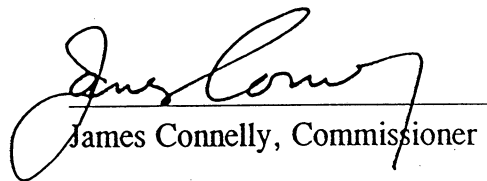
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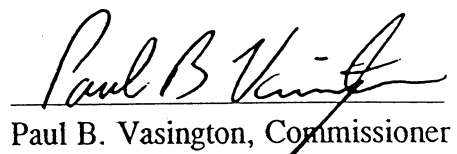
By Order of the Department,


Janet Gail Besser, Chair


John D. Patrone, Commissioner

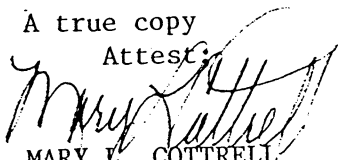

James Connelly, Commissioner


W. Robert Keating, Commissioner


Paul B. Vasington, Commissioner

A true copy

Attest:


MARY L. COTTRELL
Secretary

First Set of Information Requests
Department of Telecommunications and Energy
Directed to
Bell Atlantic-Massachusetts

DTE-BA-1-1

Please list all communications Bell Atlantic has received from the NPA Code Administrator since January, 1997, and provide copies of such.

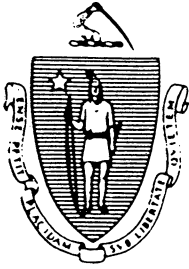
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- DTE-LM-1-1 Please explain why exchange codes are not assigned in blocks of less than 10,000 numbers. When will assignment in smaller blocks be available?
- DTE-LM-1-2 Please explain what code conservation measures the industry has undertaken to date.
- DTE-LM-1-3 Please explain what code conservation measures are available for Massachusetts (e.g., rate center consolidation, number pooling, etc.) and the advantages and disadvantages of these alternatives.
- DTE-LM-1-4 Please explain "paper pooling" and how it might be useful for code conservation in Massachusetts. In your answer, indicate what steps the Department would need to take to implement "paper pooling" and the optimum time frames for doing so.

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- DTE-CA-1-1 Based on information available at the time the Department issued its Order in D.P.U. 96-61, please indicate how long the supply of exchange codes in 508 and 617 were expected to last? Please provide all data that supported those projections.
- DTE-CA-1-2 Please indicate if the projected exhaust of the 508 and 617 area codes were updated between January, 1997, and March, 1998. If so, please provide those updated forecasts and supporting data.
- DTE-CA-1-3 With the creation of the new 781 and 978 area codes, how many exchange codes were made available for assignment in the 508 and 617 area codes?
- DTE-CA-1-4 How many of these exchange codes have been reserved to date.
- DTE-CA-1-5 Based on code assignments to date in 508 and 617, how many individual telephone numbers theoretically are available in each area code.
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- DTE-CA-1-11 Please explain whether pent up demand contributed to the jeopardy situation, and how.
- DTE-CA-1-12 Please indicate whether the carriers' forecasts are reviewed by an independent entity. If not, please explain why not.
- DTE-CA-1-13 Please indicate whether the forecasts of the Code Administrator are reviewed by an independent entity. If not, please explain why not.
- DTE-CA-1-14 Please explain what role the North American Numbering Plan Administration has in the forecasting process, if any.
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- DTE-CA-1-16 Please explain in detail the relationship between the NPA Code Administrator, Bell Atlantic-Massachusetts and Lockheed Martin at present, and how this relationship will change upon the completion of the transition of numbering responsibilities from Bell Atlantic-Massachusetts to Lockheed Martin.



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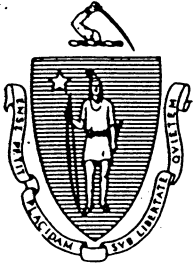
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VOTE TO OPEN INVESTIGATION

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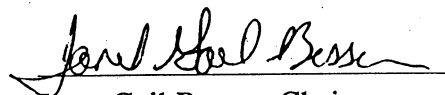
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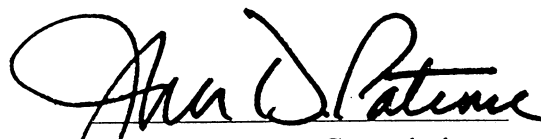
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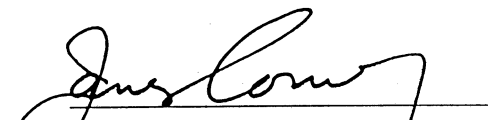
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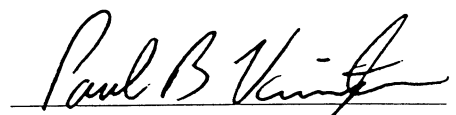
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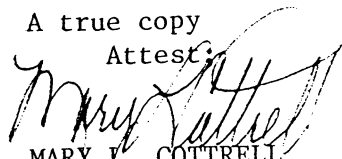

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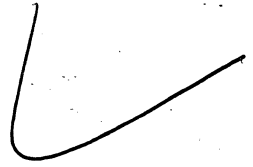
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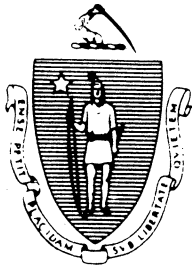


UMG

Consign to send a rep to the housing
^{pl and hereby is requested}

by DPU on the attached

notice to represent the interests
of Cambridge residents ^{maintaining} on ~~the~~ the
617 Area Code.



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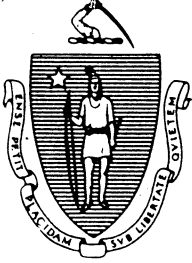
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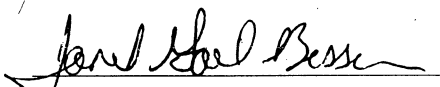
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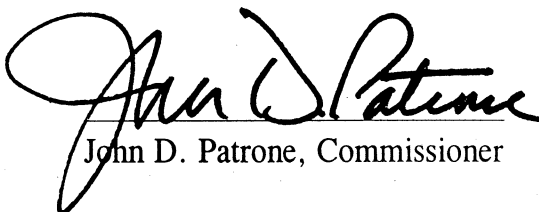
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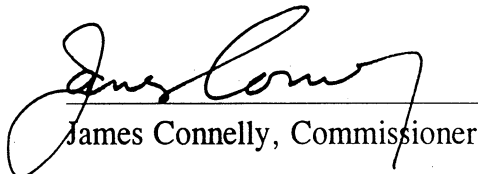
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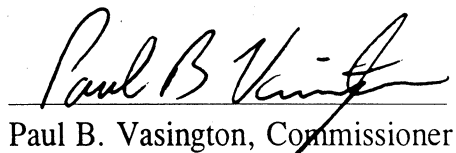
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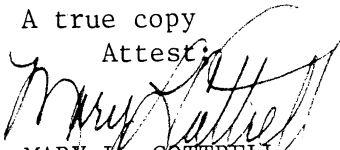

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Massachusetts NPA Code Administrator

- DTE-CA-1-1 Based on information available at the time the Department issued its Order in D.P.U. 96-61, please indicate how long the supply of exchange codes in 508 and 617 were expected to last? Please provide all data that supported those projections.
- DTE-CA-1-2 Please indicate if the projected exhaust of the 508 and 617 area codes were updated between January, 1997; and March, 1998. If so, please provide those updated forecasts and supporting data.
- DTE-CA-1-3 With the creation of the new 781 and 978 area codes, how many exchange codes were made available for assignment in the 508 and 617 area codes?
- DTE-CA-1-4 How many of these exchange codes have been reserved to date.
- DTE-CA-1-5 Based on code assignments to date in 508 and 617, how many individual telephone numbers theoretically are available in each area code.
- DTE-CA-1-6 Please provide a breakdown by carrier of the number of exchange codes in 508 and 617 that have been assigned to date. This list should indicate when each assignment of codes was made.
- DTE-CA-1-7 Please provide the number of exchange codes in 508 and 617 that have been requested but not assigned by carrier to date. Provide supporting forecast data for each carrier, if available.
- DTE-CA-1-8 Please provide a breakdown, by carrier, of exchange codes in 508 and 617 that carriers forecast they will need in 1998, 1999, 2000, and 2001. Please provide quarterly and yearly data.
- DTE-CA-1-9 Please explain in detail what is involved in the forecasting process, both at the carrier level and the Code Administrator level. Explain the factors considered in forecasting.
- DTE-CA-1-10 Please provide your assessment of the factors responsible for the jeopardy situation in the 508 and 617 area codes.

- DTE-CA-1-11 Please explain whether pent up demand contributed to the jeopardy situation, and how.
- DTE-CA-1-12 Please indicate whether the carriers' forecasts are reviewed by an independent entity. If not, please explain why not.
- DTE-CA-1-13 Please indicate whether the forecasts of the Code Administrator are reviewed by an independent entity. If not, please explain why not.
- DTE-CA-1-14 Please explain what role the North American Numbering Plan Administration has in the forecasting process, if any.
- DTE-CA-1-15 Please explain in detail the relationship between the NPA Code Administrator and Bell Atlantic-Massachusetts. In your answer, please discuss the non-structural separations that are in place and how they work, and how the Code Administrator communicates with Bell Atlantic and other carriers. Also, please indicate the name, job functions, and reporting relationships of the employees assigned to the Code Administrator function.
- DTE-CA-1-16 Please explain in detail the relationship between the NPA Code Administrator, Bell Atlantic-Massachusetts and Lockheed Martin at present, and how this relationship will change upon the completion of the transition of numbering responsibilities from Bell Atlantic-Massachusetts to Lockheed Martin.



City of Cambridge

11.

IN CITY COUNCIL

May 4, 1998

VICE MAYOR GALLUCCIO

ORDERED: That the City Manager be and hereby is requested to send a representative to the hearing to be held by the Department of Telecommunications and Energy on the issue of area codes as set forth in the attached notice to represent the interest of Cambridge residents in maintaining the 617 area code.

Consent Order #11

227CM

Vice Mayor Galluccio re: hearing
on the changing of the area code in
Cambridge.

In City Council May 4, 1998

ORDER ADOPTED