

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF PUBLIC UTILITIES

DEPARTMENT OF TELECOMMUNICATIONS AND CABLE

MEMORANDUM

To:

Attached Service List

From:

Paul J. Hibbard, Chairman, Department of Public Utilities

Sharon E. Gillett, Commissioner, Department of Telecommunications

and Cable

Re:

Memorandum of Agreement regarding jurisdiction over pole attachment and

double pole disputes

Date:

October 15, 2008

I. INTRODUCTION

On July 18, 2008, the Department of Public Utilities ("DPU") and the Department of Telecommunications and Cable ("DTC") jointly requested comment from industry stakeholders on a proposed Memorandum of Agreement ("MOA") regarding the regulation of attachments to utility poles, ducts, and conduits pursuant to G.L. c. 166, § 25A and double poles pursuant to G.L. c. 164, § 34B. Comments on the proposed MOA were due August 1, 2008.

We received comments from the following entities: (1) collectively by Fitchburg Gas and Electric Light Company d/b/a Unitil; Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid; NSTAR Electric Company; and Western Massachusetts Electric Company (together, "electric distribution companies"); (2) Verizon New England, Inc. d/b/a Verizon Massachusetts ("Verizon"); (3) the Attorney General of the Commonwealth of Massachusetts ("Attorney General"); (4) New England Cable and Telecommunications Association, Inc. ("NECTA"); (5) Five Colleges, Inc. ("Five Colleges"); and (6) The Distributed Antenna Systems ("DAS") Forum.¹

The full text of the comments is available online on the DPU's website at www.state.ma.us/dpu (go to the "Electric Power Division" link in the upper left corner and then click on "Safety and Reliability") and on the DTC's website at

We appreciate the review and feedback from the above participants. We have evaluated the comments, and we conclude that the MOA should be modified in two respects: first, regarding the collaborative forum provision, and second, regarding intervention rights. This memorandum summarizes the modifications and addresses additional key concerns raised in the comments. The revised MOA, as executed, is attached to this memorandum.

II. MODIFICATIONS TO THE MOA

A. Delay of Collaborative Forum

The electric distribution companies, the Attorney General, and NECTA raise issues with the proposed collaborative forum. In general, the electric distribution companies and the Attorney General state that the scope of the collaborative forum should be established prior to scheduling the forum. NECTA objects to the purpose and timing of the forum, and suggests that a waiting period of at least one year after the MOA's implementation is necessary to determine whether any issues exist to make the forum necessary. Given these comments, the MOA has been revised to reflect agreement by the DPU and DTC that we will determine the appropriate scope and parameters prior to convening any such collaborative forum.

B. Clarification of Intervention Rights

Five Colleges and NECTA inquire as to the scope of "intervention" rights to be conferred upon the agency that does not have jurisdiction over a dispute. We have revised the MOA to clarify that an intervenor will have full party rights.

III. OTHER CONCERNS RAISED IN THE COMMENTS

A. Determining Jurisdiction - Primary Purpose of Attachment

Verizon, NECTA and DAS Forum address whether jurisdiction over pole attachment disputes should be determined based on the primary purpose of the attachment, as provided in paragraph five of the MOA. Verizon suggests that this approach may not be appropriate in some circumstances, as it may result in the DPU obtaining jurisdiction over cases that involve attachments in the communications space on poles.

Instead, Verizon recommends determining jurisdiction based on the identity of the parties to the dispute (e.g., a complaint against Verizon would be adjudicated by the DTC).

www.state.ma.us/dtc (scroll down to the "Competition Division" link, click on it and then click on to "Telecommunications Division", next scroll down to "Telecom Statutes, Rules, and Notices" click on it and then on "Comments filed with the Department regarding Pole Attachment Jurisdiction" located at the bottom of the page).

Where pole co-owners are parties to an action, the location or proposed location of the attachments on the poles would determine the agency to adjudicate the claim (e.g., the DPU would determine complaints concerning attachments in the power supply space or the neutral zone).

NECTA and DAS Forum support the primary purpose approach but both commenters suggest that the "exception" language in paragraph five would improperly result in assigning DPU exclusive jurisdiction over attachments that transmit electricity. They contend this would deprive the DTC of jurisdiction over disputes within its expertise and result in inefficient splits of jurisdiction between the two agencies. They recommend narrowing the language in this paragraph to disputes over the provision of electricity or electric safety issues.

DPU and DTC have concluded that it is unnecessary to modify paragraph five of the MOA, as we are persuaded that the primary purpose approach remains the best possible means of resolving jurisdiction over complaints. To the extent that issues arise related to jurisdiction, the agencies will resolve them during the 15-day consultation period. In addition, both agencies will be able to intervene in dispute proceedings, when necessary, to further address any issues that may arise.

B. Safety and Reliability

The Attorney General and the electric distribution companies raise issues related to safety and reliability. The Attorney General submits that whichever agency ultimately retains jurisdiction over the dispute must remain cognizant of applicable safety, reliability, and engineering standards, even if this means hiring outside experts or sharing personnel among the agencies.

The electric distribution companies suggest that in cases where the DTC has jurisdiction over a pole attachment complaint, but a question has been raised concerning the safety and reliability of the electric system, an opinion by the DPU that the attachment would not negatively impact the safety and reliability of the electric system should be a condition precedent to a decision by the DTC. They recommend revising the MOA to reflect this prerequisite.

We conclude that such modification is unnecessary. The commenters' concerns can be addressed through the agencies' mutual right of intervention. Specifically, the intervening agency will be able to address safety and reliability issues and provide necessary expert information to the agency retaining jurisdiction over the complaint. In addition, all interested parties, including the Attorney General and the electric distribution companies, can seek to intervene and provide expert testimony regarding safety and reliability.

C. Pole Attachment Rates

The electric distribution companies suggest that the MOA should be revised to clarify that the DPU, and not the DTC, will set rates for attachments on poles owned by electric companies. We decline to modify the MOA in this respect. The rate formula for pole attachments is governed by statute, case law, and regulations, all of which provide sufficient guidance regarding pole attachment rates. We conclude that any issues relating to rates can be addressed by either agency through its right of intervention under paragraph nine of the MOA.

D. Shared Jurisdiction of Double Poles

The electric distribution companies state that the MOA is silent as to the actual process of shared jurisdiction by the agencies as to double poles, and they recommend that the MOA be revised to address this issue. As stated in the MOA, the DPU and DTC agree to develop a process to share issues relative to double poles. The agencies also agree to address double poles issues, if necessary, in a future collaborative forum with interested stakeholders. As such, the DPU and DTC conclude that no further modification to the MOA is necessary at this time.

E. 15-day Consultation Period

The Attorney General raises a concern that procedural issues could arise during the 15-day consultation period between the DPU and DTC that require one agency to issue an immediate ruling, such as a claim for interim relief. The Attorney General suggests that the agency before which a claim for immediate relief is filed should review the merits in a timely manner. We believe that the agencies can reach agreement on interim procedural decisions during the 15-day consultation period, and the appropriate agency then will issue a ruling.

IV. CONCLUSION

We thank those who submitted comments and offered suggestions on the MOA. Prior to the expiration of the MOA in two years, the DPU and DTC will review our experience under the MOA and will have another opportunity to address any concerns raised by our stakeholders.

MEMORANDUM OF AGREEMENT

between Department of Public Utilities and

Department of Telecommunications and Cable regarding the regulation of attachments to utility poles, ducts, and conduits pursuant to G.L c. 166, § 25A and double poles pursuant to G.L. c. 164, § 34B

This Memorandum of Agreement ("MOA") is entered into this October 14, 2008 between Department of Public Utilities ("DPU") and Department of Telecommunications and Cable ("DTC").

WHEREAS, on April 11, 2007, pursuant to Article 87 of the Amendments to the Massachusetts Constitution, Chapter 19 of the Acts of 2007 ("Act") reorganized the Governor's cabinet and certain agencies of the Executive Department, separating the functions of Department of Telecommunications and Energy ("DTE") into two successor agencies;

WHEREAS, the Act created DPU within the Executive Office of Energy and Environmental Affairs ("EOEEA"), as the successor to the DTE, for purposes of regulation of gas, water, and electric utilities, pipelines, and transportation industries;

WHEREAS, the Act created DTC within the Executive Office of Housing and Economic Development ("EOHED") as the successor to the DTE, for purposes of regulation of the telecommunications and cable television industries;

WHEREAS, notwithstanding the above changes, jurisdiction over the regulation of attachments to utility poles, ducts, and conduits ("pole attachments") pursuant to G.L. c. 166, § 25A and over double poles pursuant to G.L. c. 164, § 34B remains with DTE;

WHEREAS, DPU and DTC have agreed on a process to share jurisdiction over issues relative to pole attachments pursuant to G.L. c. 166, § 25A;

WHEREAS, DPU and DTC jointly agree to develop a process to share jurisdiction over issues relative to double poles;

NOW THEREFORE, the parties to this MOA, intending to be legally bound hereby, agree as follows:

1. When any entity files or otherwise raises a complaint with DPU relative to pole attachments or double poles, DPU will send a copy of such complaint or notice of proceeding to DTC within three business days at the following address:

Department of Telecommunications and Cable Two South Station – 4th Floor Boston, Massachusetts 02110

2. When any entity files or otherwise raises a complaint with DTC relative to pole attachments or double poles, DTC will send a copy of such complaint or notice of proceeding to DPU within three business days at the following address:

Department of Public Utilities One South Station - 2nd Floor Boston, Massachusetts 02110

- 3. As the utility poles, ducts, and conduits often are jointly owned by an electric distribution company and Verizon New England, Inc. and as the attachments at issue are used for various purposes, DTC and DPU will share jurisdiction over issues related to pole attachments pursuant to G.L. c. 166, § 25A and over double poles pursuant to G.L. c. 164, § 34B. As more fully described in paragraphs 4 and 5 below, the appropriate agency to adjudicate a pole attachment complaint will be determined by the primary purpose of the attachment at issue. As more fully discussed below in paragraph 11, DTC and DPU agree to establish a collaborative forum with interested stakeholders to identify and resolve issues related to pole attachments and double poles.
- 4. DTC JURISDICTION OVER POLE ATTACHMENTS: Except as provided below in paragraph 5, DTC shall be the appropriate agency to adjudicate a pole attachment complaint where the primary purpose of the attachment at issue is: for the transmission of intelligence by

telegraph;

wireless communications;

telephone;

television, including cable television;

and any other communications service.

5. DPU JURISDICTION OVER POLE ATTACHMENTS: DPU shall be the appropriate agency to adjudicate a pole attachment complaint where the primary purpose of the attachment at issue is:

for the transmission of electricity for light, heat, or power;

for the measurement, reading, tracking, or recording of any customer's electric or natural gas usage, or electric or natural gas demand or consumption at any level of aggregation;

for remote reading of customer electric or natural gas meters, or the connection, disconnection, or alteration of electric or gas service to a customer or groups of customers:

for the remote alteration of the electric or gas consumption of any end-use consuming appliance or mechanism within an end-user's residence or place of business; or

for any application related to electric smart grid or advanced metering.

Notwithstanding an attachment's primary purpose, any attachment which involves or requires attaching to, using, or drawing from any wire or device that transmits electricity, including any attachment for the purpose of transmission of intelligence over electric power lines, or any attachment that affects or could affect the provision of electric smart grid or advanced metering, whether on poles, underground, at substations, or between the poles and the customer's electrical meter, shall be under the jurisdiction of DPU.

- 6. DPU and DTC agree that 220 C.M.R. § 45.00 et seq. are the applicable regulations with respect to pole attachments. In the event that either agency seeks changes to these regulations, or to other policies or procedures applicable to pole attachments, DPU and DTC agree to jointly develop and promulgate such regulations, policies or procedures consistent with G.L. c. 166, § 25A and consistent with any directives resulting from the collaborative forum, discussed in paragraph 11.
- 7. CONSULTATION PLAN FOR POLE ATTACHMENT DISPUTES: The agencies anticipate that, in most circumstances, the appropriate agency to adjudicate a pole attachment complaint will be resolved by paragraphs 4 and 5, above. However, exceptional cases may arise in which the appropriate agency to adjudicate a complaint is not clear. Therefore, the DTC and the DPU agree, through this MOA, to consult to reach agreement regarding the appropriate agency to adjudicate a pole attachment complaint ("Consultation Plan").
- 8. In order to enable the agency with jurisdiction to meet the 180 day deadline to issue a final order as required in 220 C.M.R. 45.08, DTC and the DPU agree that they shall endeavor to complete all tasks in the Consultation Plan within 30 calendar days of receipt of filing by both agencies (see paragraphs 1 and 2 above, and subparagraph a, below).

- a. When a pole attachment complaint is filed at either agency, the agency receiving the complaint will follow the procedure set forth in paragraphs 1 and 2, above.
- b. Representatives from the DTC and the DPU will consult regarding the appropriate agency to adjudicate the pole attachment complaint within fifteen (15) business days of receipt of the filing by the other agency of the complaint ("15 Day Consultation Period"). The DTC and the DPU contemplate that, in most circumstances, this initial consultation will be sufficient to ensure that the complaint has been filed at the appropriate agency. In the event that either agency determines that it does not have sufficient information to determine the primary purpose of the attachment at issue as contemplated by paragraphs 4 and 5, above, it may request further information from the complainant and/or respondent. Either agency also may review the response to the complaint filed pursuant to 220 C.M.R. § 45.05. The 15 Day Consultation Period shall be suspended pending the receipt of such additional information or response to the complaint.
- c. If the initial consultation results in agreement between DTC and DPU that the complaint is filed with the wrong agency, the agency that received the complaint shall dismiss that complaint, and the complaining party shall be directed to re-file the complaint with the appropriate agency.
- d. If the initial consultation results in agreement by both DTC and DPU that neither agency has jurisdiction to resolve the complaint, then the agency that received the petition shall dismiss the petition on the basis of lack of jurisdiction.
- e. If DTC and the DPU are unable to reach agreement regarding which agency is appropriate to adjudicate the complaint after the 15 Day Consultation Period, they shall submit the issue to the General Counsel of EOHED and the General Counsel of EOEEA for resolution.
- 9. The agency without jurisdiction shall have the right to intervene as a full party to any proceeding conducted pursuant to paragraphs 4 and 5 above.
- 10. DPU and DTC agree to cooperate in the implementation of this MOA, including responding to requests for information and meetings, upon request by either party, to discuss information or issues related to the MOA.

- DPU and DTC agree to meet within twelve months of execution of this MOA to 11. evaluate and discuss its implementation. After such discussions, DTC and DPU may agree that it is necessary to establish a collaborative forum to address specific issues with the implementation of the MOA or with the regulation of double poles. If DTC and DPU agree that a collaborative forum is necessary, we will decide on the scope of such a forum at that time.
- Absent any intervening and pertinent statutory amendments to G.L. c. 166, § 12. 25A or G.L. c. 164, § 34B, this MOA shall expire two (2) years from the date of execution.
- This MOA may be renewed or modified by written agreement of DPU and 13. DTC.

IN WITNESS WHEREOF, DPU and DTC hereby execute this Memorandum of Agreement, in duplicate, on the 14th day of October, 2008.

COMMONWEALTH OF MASSACHUSETTS

By and through:

DEPARTMENT OF PUBLIC UTILITIES

DEPARTMENT OF TELECOMMUNICATIONS AND CABLE

MEMORANDUM OF AGREEMENT

between Department of Public Utilities and

Department of Telecommunications and Cable regarding the regulation of attachments to utility poles, ducts, and conduits pursuant to G.L c. 166, § 25A and double poles pursuant to G.L. c. 164, § 34B

Electronic Service List

apappas@groveline.com A. Pappas Abe@Connect-tel.com Abraham Leiber adam@wispring.com Adam Goodman, CTO adam.lewis@eurekanetworks.net Adam Lewis, VP, Finance amandl@smithduggan.com Alan D. Mandl alex.valencia@phonesforall.com Alex Valencia, Esq. - Regulatory Counsel Alexander Cochis, Office of the Attorney General alexander.cochis@state.ma.us alexander.w.moore@verizon.com Alexander Moore, Esq, Verizon Alicia Matthews@cable.comcast.com Alicia C. Matthews, Esq., Comcast amy.rabinowitz@us.ngrid.com Amy G. Rabinowitz, Esq., National Grid Amy Horan, Government Relations Manager amy.horan@cox.com aeconomou@mettel.net Andoni Economou aisar@millerisar.com Andre O. Isar, President aem@broadvox.net Andre Temnorod, Chief Executive Officer andrewnicholl@comcast.net Andrew Nicholl acullen@hamiltonma.gov Ann Marie Cullen Ann Winkelman, Manager, Network Engineering ann.b.winkelman@verizon.com Anthony Hansel, Senior Counsel thansel@covad.com April@AmericanCLEC.com April Coffman, Project Manager Archie Typadis, Linear A Communications Corp. atypadis@rcn.com anunes@onecommunications.com Aric Nunes, Account Executive amagee@budgetphone.com Art Magee, Comptroller Awilda Santiago, Regulatory Affairs Supervisor asantiago@cleartel.com Barbara Dunn, Regulatory bdunn@mcgrawcom.net Barnstable Public Schools orr bethann@barnstable.k12.ma.us Becky Gibson, Sr. Director-Regulatory Affairs becky.gipson@excel.com rsommi@broadviewnet.com Becky Sommi, ben@closecall.com Ben Ayleswoth beth choroser@comcast.com Beth Choroser

Bettye Gadison, Regulatory Compliance Assistant bgadison@commpartners.us

Bill Hunt, Vice President, Public Policy

Bob Zakarian, CEO & Co-Founder

Brian C. Beauregard **Broadband Associates**

Bryan Hopkins, President

Bryan Sullins, Regulatory Manager

Cameron F. Kerry, Esq.

Carl Wolf Billek, Regulatory

Carole Hamon, Regulatory Affairs

Carrie L. Cox, VP & Senior Counsel

Casey Clark

Catherine Starks, Vice President

Charles Harak, Esq.

Charles Hunter

Charles L. Schneider, Jr., Director-Bus Develop

Charles P. Gamer

Charles Stockdale, Esq.

Chris Van Deverg

Chris Watson, VP-Operations

Chris Zack, Sales Engineer

Christa Proper, Vice President

Christopher Marshall

Cinda Jones, President

Comcast

Comm-Tract Corp.

Crispen Tresp, Founder/CEO

Curtis Fox

Cynthia Firstman

D. Allen, Regulatory/Legal Affairs

D. Hanson, Assistant Supervisor

Dan Clifton

Dan Himes, Director, Business Development

Dan Pak

Daniel E. Suda, Senior Director, Operations

Daniel Golubek

Daniel Meldazis

David Berndt, Assistant General Counsel

David Flaxman, VP Business Development

David LaFrance

bill.hunt@level3.com

rzakarian@communitywisp.com

bbeauregard@hged.com

Jeffrey Elletson@yahoo.com

bhopkins@comm-tract.com

bsullins@z-tel.com

cfkerry@mintz.com

carl.billek@corp.idt.net

chamon@connect.com

Carrie.Cox@chartercom.com

cclark@ctcnet.us

cstarks@rnetworx.com

charak@nclc.org

chunter@bridgecom.com

scshneider@bullseyetelecom.com

e.gamer@comcast.net

cstockdale@fibertech.com

chris@coretel.net

cwatson@teleconex.net

Chris.Zack@us.ngridwireless.com

cproper@rnetworx.com

cjmarshall@mmgholdings.net

cjones@cowls.com

Mary OKeeffe@cable.comcast.com

bhopkins@comm-tract.com

crispin@wispring.com

cfox@fibertech.com

cat@airespring.com

dallen@equalaccessinc.com

dhanson@norwoodlight.net

dclifton@fibertech.com

dhimes@adestagroup.com

dan.pak@hellodepot.com

Dan.Suda@pinetreenetworks.com

dgolubek@wgeld.org

dan.medazis@broadwing.com

dberndt@lightship.net

dflaxman@utility.net

david.lafrance@nextlink.com

David R. Conn, National Director, Debra Chase, VP-Administration

Denise M. Jones-Williams Dexter Miller, President

Diane Cole, Legal

Dolly Wrona, Telecom Engineer

Donald Bishop, Northeast Utilities Service Co.

Donald Walsh, C.O.O

Donna Baron

Donna Cupelo, Region President

Donna Nolan

Doreen Flash, Manager Compliance

Doug Denny-Brown, Esq.

Douglas J. Minster, VP & General Counsel

Douglas R. Norton, President Ed Goldstein, AP Government Ed Tisdale, Vice President & CFO

Ed Zyszkowski, CEO

Ellen Kitchell

Ellen M. Cummings

Erin Humlicek, Marketing Specialist Eugene B. Johnson, Chairman and CEO

G. Cohen, General Manager

Garnet Goins

Gary Epler, Esq., Unitil Service Corporation

Geoff Cookman, Directory Regulatory Compliance

Glen Nelson, VP - Marketing/Business Dev.

Greg Rogers, Director

Gregory M. Kennan, Esq.

Gregory Rogers

Harriet Brunker, Tax Manager

Heather Douglas, Account Manager

Hoyle Dana, Mgr. of Regulatory Affairs

J.T. Ambrosi, Vice President

Jack L. Conroy, VP - Regulatory MA

Jacquelyn M. Boyden

James G. White, Comcast

James J. Marzilli

James M. Avery, Esq.

dave.conn@t-mobile.com dchase@iccinternet.com

Denise.Jones-Williams@chartercom.com

masslocal@aol.com dcole@pngmail.com wronadc@nu.com bishodm@nu.com

dwalsh@cornerstonetelephone.com

dlbaron@fivecolleges.edu donna.c.cupelo@verizon.com

dnolan@necta.info

doreen.flash@ATX.com

Dougdb@rcn.com dminster@atni.com

dnorton@accesspluscom.com

edward.goldstein@chartercom.com Ed.Tisdale@pinetreenetworks.com

edz@scnets.com ekitchell@jhl.com

ellen.m.cummings@verizon.com ehumlicek@adestagroup.com gjohnson@fairpoint.com

gcohen@beld.com

garnet.goins@sprint.com

epler@unitil.com

gcookman@yahoo.com

info@nhcgrp.com

Greg.Rogers@level3.com

gkennan@onecommunications.com

greg.rogers@level3.com hbrunker@covista.com

heather.douglas@americantower.com

dhoyle@matrixbt.com jt.ambrosi@paetec.com

John.L.Conroy@verizon.com

ervingboa@comcast.net

jamesg_white@cable.comcast.com

james.marzilli@state.ma.us javery@brownrudnick.com James Mertz, Director, Government Affairs James R.J. Scheltema, Dir., Regulatory Affairs Jay E. Gruber, Esq. Jed Nosal, Office of the Attorney General Jeff Wirtzfeld, Regional Director - Public Policy Jeffery Elletson, Jeffrey C. Parnell, Associate General Counsel Jenna Brown Jennifer E. Sikes, Regulatory Manager Jennifer Hassen Jennifer McMann, Manager Jerry Herring Jesse Reyes, Office of the Attorney General Jessica Renneker, Director-Regulatory Affairs Jill Papenhausen, Director Jim Lescault, Executive Director Jim Prenetta, Exec. VP and General Counsel Jody Stiefel, Esq. Joe Zukowski, Vice President Joel Mulder, Director, Business Development John Chuang John DeStefano, Director, Fiber Sales John Dullaghan, Vice President John Fogarty, VP & Assistant Chief Counsel John Johnson, Regulatory John La Penta John Mucha, Director, Government Relations John Rickman John Sutich, Director of State Gov. Relations John Sutphen, Director, Rates/Tariffs Jonathan Fitch, General Manager Jonathan S. Marashlian, Regulatory Counsel Joseph Isaacs, Consultant Joseph Kahl, Sr. Director Joseph Rogers, Office of the Attorney General Judith Brownell Julie P. Laine, VP Chief Counsel of Telephony Julie S. Adams, Director - Regulatory Affairs Justin Leland, President

James.Mertz@hypercube-llc.com jscheltema@gnaps.com jegruber@lga.att.com jed.nosal@state.ma.us Jeff.Wirtzfeld@Qwest.com Jeffrey Elletson@yahoo.com iparnell@choiceone.com jbrown@vcomsolutions.com jennifer.sikes@reconex.com jennifer@bayring.com jennifer.mcmann@level3.com dpikoff@dpiteleconnect.com jesse.reyes@state.ma.us jrenneker@nos.com jpapenhausen@zonecms.net director@actvamherst.com jprenetta@onecommunications.com jody.stiefel@sug.com joseph.h.zukowski@verizon.com jmulder@ADESTAGROUP.COM chuang@cinergycom.com John.DeStefano@us.ngridwireless.com jdullaghan@rnetworx.com john.fogarty@twcable.com ijohnson@nedd.com ilapenta@fairpoint.com john.mucha@twcable.com irickman@contbb.com John Sutich@cable.comcast.com jsutphen@fairpoint.com ifitch@pmld.com jsm@commlawgroup.com isaacs@isg-telecom.com joe.kahl@rcn.net joseph.rogers@state.ma.us judy@bayring.com julie.laine@twcable.com Jadams@Fibertch.com ileland@trmcom.com

Karen M. Potkul, Esq.

Karen McDine, VP

Karen Sistrunk

Karl Allen, Vice President, Energy Applications

Kathleen Kerr Lawrence, Ass'tt General Counsel

Keith Applewhite

Keith J. Thibault, Director of Television Services kthibaul@bristol.mass.edu

Kelly Faul, Regulatory Affairs Director

Ken Barber, Director, State Government

Ken Duarte, Director

Ken Hill, VP-Technical Operations

Kenneth M. Barna, Esq.

Kerry Britland, Nstar Electric & Gas Company

Kevin Bulman, Light Board Commissioner

Kevin F. Penders, Esq.

Kevin Glynn, Business Development

Kim Bradley, Sr. Director, Regulatory Affairs

Kim Partridge, Secretary

Lance Allen, Enterprise Account manager

Lance J.M. Steinhart, Esq.

Laura Brubaker, Senior Mgr of PR

Lauri Vertrees

Lewis Sckolnick, president

Linda Cicco, Regulatory Compliance Manager

Linda Hunt, Manager

Linda Joseph

Lisa Lezotte, Legal Assistant

Lisa Pache, Regulatory

Lynne Martinez

M. Ouitada, General Manager

Malcolm N. McDonald

Maria A. Abbagnaro, General Counsel

Mark Carron,

Mark Montgomery, Vice President

Mark Reed

Mark Reilly

Mark Smith,

Mark Sorgman

Mark Vaughan,

karen.potkul@xo.com

kmcdine@bellatlantic.net

karen.r.sistrunk@mail.sprint.com

kallen@utility.net

klawrence@primustel.com

lsteinhart@telecomcounsel.com

kelly.faul@xo.com

ken.barber@level3.com

kduarte@volocommunications.com

ken.hill@expedient.com

kbarna@rubinrudman.com

kerry.britland@nstar.com

kjbulman@comcast.net

kpenders@keeganwerlin.com

kglynn@adestagroup.com

kbradley@GVCWinstar.net

kimm@ucn.net

lallen@fibertech.com

lsteinhart@telecomcounsel.com

Laura Brubaker@cable.comcast.com

lvertrees@newroctel.com

info@coyotedata.com

Linda.cicco@bt.com

lindah@lightyearcom.com

linda.k.joseph@embarq.com

llezotte@acninc.com

lpache@bbcominc.com

lmartin@pacwest.com

mquitada@ci.shrewsbury.ma.us

nld19@idt.com

mabbagnaro@cordiacorp.com

carron.mark@gmail.com

mark.montgomery@induscom.com

mark.reed@nstar.com

mark reilly@cable.comcast.com

Mark.A.Smith1@chartercom.com

mark.sorgman@us.ngrid.com

mvaughan@i-o-n.com

Mary Cegelski, Manager

Mary Farley

Mary O'Keeffe, Senior Manager

Matthew Brady, Director of Sales

Matthew Crocker, President

Matthew G. Feher

Matthew Roth, Sr. Director

Maureen Connolly, Development Director

Michael Bathrick, President

Michael Carbonneau, Director of Operations

Michael Geoffroy, Corporate Counsel

Michael McAlister, General Counsel

Michael P. Donahue, Esq.

Michael Quitadamo

'Michael Tarkus" Murphy, New Business Dev.

Michelle Consalvo, VP External Affairs

Mike Kirchner, President

Mike Lynch, Director

Mike Romano

Mike Tyler, Director of Operations

Monique Byrnes, Consultant

Nancy Jacobson

Nancy Karm, Government Relations

NE Investments Holding Corp.

Nicole Browne, Regulatory Analyst

Optasite

Pamela L. Hintz, V.P., Regulatory Compliance

Paola Lewis, Director - Regulatory Affairs

Pat A. Cerundolo, Esq.

Pat Mazzacone, Specialist, OSP License Admin.

Patricia J. Crowe, Esq.

Patrick Coughlin, Neon Communications

Patrick D. Crocker, Esq.

Paul Anundson, Telecom Attachment Group

Paul Cianelli, NECTA

Paul D. Keefe, Vice President/General Manager

Paul G. Afonso, Esq.

Paul Joncas, President

Paul Masters, President p

mcegelski@firstcomm.com

mfarley@scnets.com

Mary OKeeffe@cable.comcast.com

mbrady@federalsignal.com

matthew@crocker.com

mather feher@mma.org

mroth@ccginc.com

Maureen@edcnv.org

prez@berkshire.net

mcarbonneau@usacsp.com

michael.geoffroy@telrite.com

mike@navtel.com

Michael.Donahue@Level3.com

mquitado@ci.shrewsbury.ma.us

tarkus@ripco.com

mconsalvo@att.com

mkirchner@rnetworx.com

mike.lynch@ci.boston.ma.us

mromano@globalinternetworking.com

miket@itltd.net

mbyrnes@tminc.com

njacobson@onecommunications.com

nancy.karm@twcable.com

ewbneinvestment@surfglobal.net

nbrowne@cypresscom.net

info@optasite.com

Phintz@onecommunications.com

Pbulloch@infohighway.com

pcerundolo@foleyhoag.com

patricia.r.mazzacone@verizon.com

patricia.crowe@us.ngrid.com

pcoughlin@neoninc.com

pcrocker@earlylennon.com

paul.anundson@us.ngrid.com

pcianelli@necta.info

pdkeefe@xo.com

pafonso@brown rudnick.com

paul@megaclec.com

masters@ernestgroup.com

Paul McIntire, Account Executive

Paula Foley, Esq.

Peter Bowman, VP External Affairs

Peter H. Feinberg, Associate General Counsel

Peter Mones, Regional Construction Manager

Peter Sozek, Enterprise Account Manager

Peter Taubkin, VP, Public Affairs

Rafael Ortiz, Manager

Ray Sullivan, Senior Partner

Regulatory Affairs

Regulatory Affairs

Regulatory Affairs

Rob Heath, Regulatory

Robert Cellupica

Robert D. Shapiro, Esq.

Robert Gaboury, Director of Telecom

Robert J. Munnelly, Jr., Esq.

Robert L. Dewees, Jr., Esq.

Robert Souza, President

Rowena Hardin

Ruth Ann Brazill, AT&T Regulatory Manager

Safety Net Access

Sam Vogel

Samuel Kline,

Sandy Bendremer, Vice President

Sarah Trosch

Schula Hobbs

Scott Mailman, Project Manager

Sean Dandley, CEO/Pres.

Sean Hopkins,

Sean T. Gorman

Senator Kennedy office

Sharon Thomas, Consultant

Shirley Ordenana, Regulatory Manager

Stacey Klinzman

Stacey L. Parker, Sr. Dir., Regulatory Affairs

Stan Doe, Manager, System Planning

Stanley H. Golove, Vice President-Regulatory

Stella Gnepp, Regulatory Affairs Specialist

pmcintir@nortel.com

pfoley@onecommunications.com

peter.t.bowman@verizon.com

Peter Feinberg@comcast.com

pete mones@cable.comcast.com

psozek@fibertech.com

peter.taubkin@twcable.com

rortiz@adventllc.com

sullir@mohawkcom.com

esunday@stis.com

ftosi@elec-comp.com

markj@AccessOneInc.com

rob.heath@afnltd.com

rcellupica@ci.shrewsbury.ma.us

rshapiro@rubinrudman.com

bgaboury@hged.com

rmunnelly@murthalaw.com

rdewees@nixonpeabody.com

Rob.Souza@pinetreenetworks.com

rhardin@nos.com

rbrazill@att.com

sgorman@safetynetaccess.com

svogel@mettel.net

skline@granitenet.com

sandy@gis.net

sarah.trosch@verizonwireless.com

shobbs@dsl.net

smailman@adestagroup.com

sdandley@dscicorp.com

sean.hopkins@ayacht.com

sgorman@safetynetaccess.com

Rick Ally@kennedy.senate.gov

sthomas@tminc.com

SOrdenana@broadviewnet.com

staceyk@vcicompany.com

stacey parker@cable.comcast.com

doesa@nu.com

sgolove@mcctelco.com

sgnepp@tncii.com

Stephen Fitzgibbons, Mgr. Govt Affairs

Stephen M. Cross, Director of Operations

Stephen Wilson

Steve Bogdan

Steven J. Horvitz, Esq.

Susan B. Maxwell, General Manager

Susannah Pugh

Teresa S. Reff, Sr. Financial Analyst-Regulatory

Thomas G. Tumilty, Esq.

Thomas Margavio, Associate Manager

Thomas R. Josie

Thomas Steel, VP Regulatory Counsel

Tim Beckel, Regional Sales Manager

Tim Fedish, NE Representative

Tim Haas, Sr Network Engineer

Todd Lesser, President

Todd Shobert

Tom Cohan, Government Relations Manager

Tom Moylan, President and CEO

Tom Woods, Operations

Trudy Longnecker

Utility Division, Attorney General

Vanessa Leon, Regulatory Manager

William (Bill) Moriarty, Account Executive

William A. Haas

William August, Esq.

William H. Weber, VP & General Counsel

William J. Rooney, Jr., General Counsel

William N. Bancroft, Clerk

William P. Leahy, Vice President

William T. McCarthy, Esq., COO

William Weber

Zakee Rashid, Area VP, SE MA East

stephen fitzgibbons@cable.comcast.com

smc@wca.com

stephen.wilson@spectrotrel.com

sbogdan@broadviewnet.com

stevehorvitz@dwt.com

smaxwell@russellma.net

spugh@keeganwerlin.com

teresa.reff@globalcrossing.com

ttumilty@nixonpeabody.com

thomas.margavio@bellsouth.com

tjosie@ci.shrewsbury.ma.us

tom.steel@rcn.net

tbeckel@federalsignal.com

tim@dishelectronics.net

thaas@hged.com

Todd@nccom.com

todd@safetynetaccess.com

tom.cohan@chartercom.com

tmoylan@steeplecom.com

twoods@communitywisp.com

trudy.longnecker@rcn.net

AGO@state.ma.us

vanessa.leon@spectrotel.com

william.moriarty@twcable.com

whaas@mcleodusa.com

billaugustUSA@aol.com

william.weber@cbeyond.net

wrooney@gnaps.com

wmb@jmfco.com

wleahy@att.com

wmccarthy@thelocalphonecompany.net

william.weber@cbeyond.net

zakee rashid@cable.comcast.com