BY EPASS

August 28, 2009

Mr. Robert A. Morin
Secretary General
Canadian Radio-television and
Telecommunications Commission
Ottawa, Ontario
K1A 0N2

Dear Secretary General,

Subject: TNC CRTC 2009-194-1 – Interrogatories – Nomadic VoIP E911 service

INTRODUCTION

1. Pursuant to the schedule for this matter set out in the Commission’s Public Notice dated 15 April 2009 and modified on 4 May 2009, Execulink Telecom Inc. (Execulink) hereby submits the following Interrogatories:

   Attachment 1    Bell Aliant Regional Communications, Limited Partnership and Bell Canada (Bell)
   Attachment 2    Cogeco Câble Canada inc. (Cogeco)
   Attachment 3    Rogers Cable Communications Inc. (Rogers)
   Attachment 4    Vidéotron ltée (Videotron)
   Attachment 5    Shaw Telecom G.P (Shaw)
   Attachment 6    TELUS Communications Company (TELUS)
   Attachment 7    Télébec, Société en commandite (Télébec)
   Attachment 8    Saskatchewan Telecommunications (Sasktel)
   Attachment 9    MTS Allstream Inc. (MTS Allstream)
   Attachment 10   Bragg Communications Incorporated (Eastlink)
Respectfully submitted,

Keith Stevens

cc. Interested Parties to TNC 2009-194-1

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TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1
Execulink’s interrogatories addressed to Bell Aliant Regional Communications, Limited Partnership and Bell Canada (Bell)

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Bell’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Bell’s position that the ILEC and not the ASP is responsible for the LIS:
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

Bell (Execulink) 28August09-2 TNC CRTC 2009-194-1

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?

Bell (Execulink) 28August09-3 TNC CRTC 2009-194-1

Paragraph 22 of Bell’s abridges submission dates 07 August 2009 sates the following about wholesale customers:
For this costing exercise, the Autonomous LIS configuration as defined in section 7.1.1.2.1.3.1 of the ESCO0283 has been assumed as the only configuration supported by Bell Canada. In this configuration, the ISP is responsible to update the ILEC LIS once it has gathered the wiremap information from the ASP through a HELD request performed when the IP address is assigned to the subscriber’s session.

a) When a VoIP E911 call is made the PSAP (public safety answering points) will provide the ASP the IP address associated with the session and request the associated civic address. In Bell’s proposed configuration please explain how the ASP will obtain the civic address from the LIS to respond to the PSAP request.

b) If Bell answered (Execulink) 28August09 TNC CRTC 2009-194-1 that the LIS is the responsibility of the ILEC, please describe in detail, with diagrams and costs, the interconnection between Bell and other ASPs. When answering this question please keep in mind that some ASPs dynamically assign IPs between self-provisioned facilities, Bell facilities and other ILEC facilities.

c) If Bell answered (Execulink) 28August09 TNC CRTC 2009-194-1 that it is the responsibility of the ASP to provide the LIS please reconcile with the statement “the ISP is responsible to update the ILEC LIS.”
TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1

Execulink’s interrogatories addressed to Cogeco Câble Canada inc. (Cogeco)

Cogeco (Execulink) 28August09-1 TNC CRTC 2009-194-1

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Cogeco’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Cogeco’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

Cogeco (Execulink) 28August09-2 TNC CRTC 2009-194-1

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1

Execulink’s interrogatories addressed to Rogers Cable Communications Inc. (Rogers)

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Roger’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Roger’s position that the ILEC and not the ASP is responsible for the LIS:
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

Rogers (Execulink) 28August09-2 TNC CRTC 2009-194-1

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a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Videotron’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Videotron’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
Executive Notice of Consultation CRTC 2009-194-1

Execulink’s Interrogatories Addressed to Shaw Telecom G.P (Shaw)

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Shaw’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Shaw’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1
Execulink’s interrogatories addressed to TELUS Communications
Company (TELUS)

TELUS (Execulink) 28August09-1 TNC CRTC 2009-194-1

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it TELUS’ position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is TELUS’ position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

TELUS (Execulink) 28August09-2 TNC CRTC 2009-194-1

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1

Execulink’s interrogatories addressed to Télébec, Société en commandite (Télébec)

Télébec (Execulink) 28August09-1 TNC CRTC 2009-194-1

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Télébec’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Télébec’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

Télébec (Execulink) 28August09-2 TNC CRTC 2009-194-1

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Sasktel’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Sasktel’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
TELECOM NOTICE OF CONSULTATION CRTC 2009-194-1

Execulink’s interrogatories addressed to MTS Allstream Inc. (MTS Allstream)

MTS Allstream (Execulink) 28August09-1 TNC CRTC 2009-194-1

Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it MTS Allstream’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is MTS Allstream’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

MTS Allstream (Execulink) 28August09-2 TNC CRTC 2009-194-1

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?
Paragraph 6 of the TNC 2009-194-1 states the Location Information Server (LIS) is the responsibility of the ASP whereas Appendix 2 says it is an ILEC network element.

a) Is it Eastlink’s position that the LIS is the responsibility of the ASP or the ILEC?

b) If it is Eastlink’s position that the ILEC and not the ASP is responsible for the LIS;
   i) How will the ASPs access the LIS to obtain the civic address information to respond to a PSAP (public safety answering points) request?
   ii) If an ASP’s serving area encompasses more than one ILEC serving area which LIS will be used?

A growing number of Canadians are working from home and using a VPN connection to their office. If a VoIP connection is made while using the VPN the IP address the VoIP provider sees may not be associated with the physical location of the caller.

a) Does your modeled solution provide the correct civic address for this and similar connections and if so please describe how?

b) If your model does not provide a solution what do you propose be done to ensure emergency personnel are dispatched to the correct location?