

## **NPA 519 RELIEF IMPLEMENTATION PLAN**

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**DATE of RPC Consensus: October 27, 2004**

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**TITLE: Revised NPA 519 Relief Implementation Plan (RIP) 29 October 2004**

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**ISSUED BY: 519 Relief Planning Committee (RPC)**

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# Revised October 29, 2004

## NPA 519 Relief Implementation Plan

### 1. EXECUTIVE SUMMARY

This revised Relief Implementation Plan (RIP) was developed in accordance with the Canadian NPA Relief Planning Guidelines. This document contains a set of industry-level activities and deliverables established by the Relief Planning Committee (RPC) that are required to provide relief to the exhausting NPA 519 (southwestern Ontario).

NPA 519 (also called an area code) is divided into 210 telephone company exchanges and serves southwestern Ontario, including the cities of Brantford, Chatham, Galt, Goderich, Guelph, Hespeler, Kitchener-Waterloo, London, Orangeville, Owen Sound, Sarnia, Simcoe, Stratford, Windsor and Woodstock.

The objective of the NPA Relief Planning Process is to ensure an adequate supply of CO Codes and telephone numbers is always available to the Canadian telecommunications industry and users.

The 2000 annual Central Office Code Utilization Survey (COCUS) indicated that NPA 519 was projected to exhaust in January 2006, thus causing relief planning activities to commence. Various surveys conducted since that time have confirmed that NPA 519 will exhaust during 2006. The following table summarizes the Projected Exhaust Dates from the various surveys conducted.

<b>Summary of Projected Exhaust Dates</b>			
<b>NPA</b>	<b>Type of NRUF/COCUS</b>	<b>Publication Date</b>	<b>Projected Exhaust Date</b>
519	2000 G-COCUS	9 May 2000	January 2006
519	2000 G-COCUS (revision)	28 July 2000	August 2006
519	R-COCUS	30 October 2000	December 2006
519	R-COCUS (2001 G-COCUS)	10 April 2001	June 2006
519	R-COCUS	July 2001	July 2006
519	R-NRUF (2002 G-NRUF)	1 May 2002	November 2006
519	S-NRUF	18 September 2002	May 2007
519	S-NRUF (2003 G-NRUF)	15 April 2003	December 2007
519	S-NRUF	30 September 2003	October 2007
519	S-NRUF (2004 G-NRUF)	15 April 2004	October 2007
519	S-NRUF	30 September 2004	March 2008

On 22 April 2002, the Commission issued Telecom Decision CRTC 2002-25, *Area code 519 relief plan*. In that Decision, the Commission directed:

- 1) all Canadian carriers to implement changes to accommodate the provision of a new area code using the distributed overlay method for the area code 519 region in the first quarter of 2005.

- 2) where 10-digit local dialing has not already been implemented, 10-digit local dialing will be introduced on all local calls from, to and within area code 519, coincident with the introduction of the new area code.
- 3) a permissive dialing period of four months be implemented prior to the introduction of mandatory 10-digit local dialing, during which subscribers can make calls using seven or 10 digits.
- 4) during the permissive dialing period, all service providers will be required to use clear and consistent network announcements to remind customers of the changes to the local dialing plan.
- 5) service providers will be permitted to phase-in a permissive dialing message during the first week of the permissive dialing period and phase-in a mandatory dialing message during the week prior to the introduction of the new area code.

Subsequently on 7 February 2003 the RPC submitted TIF Report 2 (File ID: 519RE02A.doc) containing the proposed Relief Implementation Plan for consideration by the CISC and CRTC. The key dates recommended by the RPC to implement Telecom Decision CRTC 2002-25 were as follows:

- 1) The recommended start date for the commencement of consumer awareness activities was Monday, 1 September 2003.
- 2) The recommended start date for the 7- to 10-Digit Dialing Transition Period for network announcements was Saturday, 16 October 2004.
- 3) The recommended mandatory 10-digit dialing date is Saturday, 12 February 2005.
- 4) The recommended Effective Date for the introduction of the new overlay NPA 226 was Saturday, 19 February 2005 (i.e., the Relief Date).

In TIF Report 2, the RPC also advised the CISC and Commission that it intended to review the NPA 519 2003 R-NRUF results. The RPC stated that, if the results confirm that the Projected Exhaust Date for NPA 519 is extended outwards significantly from the dates projected at the time Telecom Decision CRTC 2002-25 was released, the RPC may submit a recommendation to delay the Relief Date and modify the Relief Implementation Plan.

The RPC reviewed the R-NRUF results issued by the CNA on 15 April 2003 that indicated exhaust was forecast to occur in December 2007, which was about 18 months beyond the average Projected Exhaust Date (i.e., about June 2006) when Telecom Decision CRTC 2002-25 was released on 22 April 2002. Therefore, the results confirmed the September 2002 R-NRUF forecast that the Projected Exhaust Date for NPA 519 was extended outwards significantly from the dates projected at the time Telecom Decision CRTC 2002-25 was released in April 2002.

On 6 June 2003, the RPC determined that a change to the Relief Date would have the benefit of delaying the costs of implementing relief for all customers and Telecommunications Service Providers (TSPs) operating in area code 519 by one year and eight months. Therefore the RPC submitted TIF Report 3 containing the following recommendations to the CISC:

- 1) Submit a recommendation to the CRTC to modify the Relief Date of 19 February 2005 to 21 October 2006.
- 2) The CRTC direct the RPC to reconvene at an appropriate time to change the RIP including the relief implementation schedule and associated Consumer Awareness Program and Planning Letter, as necessary.

- 3) The Commission direct the RPC to monitor the future NRUF results and actual CO Code assignments, and to advise the Commission when and if any further deferral or advance of the Relief Date would be warranted.

On 29 September 2003, in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519. A Relief Planning Committee conference call was held on 22 January 2004 to begin revising the Relief Implementation Plan and associated documentation. During the 22 January 2004 conference call, it was recommended and agreed that the NPA 519 Relief Planning Committee would defer updating the NPA 519 Relief Implementation Plan until the final version of the NPA 519 February 2004 S-NRUF results are released. Once those results are released, the Relief Planning Committee indicated that it would begin to develop an action plan which may involve recommending a different Relief Date to the Commission, or may result in updating the existing NPA 519 Relief Implementation Plan to accommodate the 21 October 2006, Relief Date.

On 15 April 2004, the CNA released the 2004 G-NRUF results which indicated that NPA 519 would exhaust in October 2007, which is 12 months after the current CRTC approved Relief Date of 21 October 2006.

Accordingly, the RPC revised the Relief Implementation Plan to implement relief as approved by the CRTC in Telecom Decision CRTC 2003-66.

On 10 June 2004, the RPC submitted a revised RIP to the CISC for consideration. On 28 June 2004, the CISC accepted the RIP and forwarded it to the CRTC for approval.

Subsequently, on September 27, 2004, the CRTC released Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)". In this decision, the CRTC approved recommendations for relief of area code 519, as proposed by the Numbering Plan Area 519 Relief Planning Committee (the RPC). Specifically, the CRTC approved the phasing in of the permissive 10-digit local dialing announcement commencing **17 June 2006** and ending **24 June 2006**, and the phasing in of mandatory 10-digit local dialing and the related announcement commencing **14 October 2006** and ending **21 October 2006**. The CRTC directed the Canadian Numbering Administrator to request a special Numbering Resource Utilization Forecast survey to capture all known and anticipated demand for the next 24 months, and to file the results with the CRTC by 10 January 2005, in order to discover any advancement in the projected dates for exhaust of available telephone numbers in area code 519. The CRTC also directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period.

Accordingly, the RPC revised the Relief Implementation Plan to implement relief as approved by the CRTC in Telecom Decision CRTC 2004-62.

This RIP will impact all customers in area code 519, as well as customers in neighboring exchange areas in area code 705 that currently have 7-digit local dialing into NPA 519.

Interested parties are encouraged to participate in the RPC's future meetings to implement this RIP. Such participation is important to ensure that the RIP satisfies the needs and requirements of consumers as well as the TSPs operating in the area codes requiring relief.

In this RIP, the RPC makes several recommendations including:

- 1) The recommended start date for the 7- to 10-Digit Dialing Transition Period for network announcements is **Saturday, 17 June 2006**. All TSPs must phase-in the 7- to 10-Digit Dialing Transition Period announcement over a 7 calendar day period commencing on the start date above and complete all such work by **00:01 a.m. ET Saturday, 24 June 2006**.
- 2) The recommended mandatory 10-digit dialing date is **Saturday, 14 October 2006**. The RPC recommends that all TSPs be permitted to phase in the mandatory 10-digit dialing announcements over a 7 calendar day period, commencing on the mandatory 10-digit dialing date (coincident with the phase-out of the 7- to 10-Digit Dialing Transition Period announcement), and complete all such work by **00:01 a.m. ET Saturday, 21 October 2006**.
- 3) The recommended Effective Date for the introduction of the new NPA 226 is **Saturday, 21 October 2006**. It is recommended that Central Office Codes (NXXs) in new overlay NPA 226 not be activated in the PSTN until at least 7 days after the mandatory 10-digit dialing date in order to allow for the 7 day period for the implementation of the mandatory 10-digit dialing announcements. Accordingly, the earliest Effective Date for activation of new CO Codes in NPA 226 will be **Saturday, 21 October 2006**.
- 4) The recommended Relief Implementation Schedule is contained in Section 5.
- 5) The recommended Consumer Awareness Program (CAP) is contained in Attachment 1.
- 6) The recommended Network Implementation Plan (NIP) is contained in Attachment 2.
- 7) The recommended Jeopardy Condition Plan (JCP) is contained in Attachment 4.
- 8) The recommended quantity of CO Codes that should be set-aside in the "Pool for Initial Code Assignments" in NPA 519 for the two year period following the implementation of the overlay 226 area code is 15 CO Codes.
- 9) The recommended Planning Letter (PL) submitted in the previous RIP is contained in Attachment 5.

The NPA 519 RPC hereby submits this RIP for Commission approval.

## **2. INTRODUCTION**

This Relief Implementation Plan (RIP) was developed in accordance with the Canadian NPA Relief Planning Guidelines and is consistent with the direction contained in Telecom Decision CRTC 2002-25, "Area code 519 relief plan", and Telecom Decisions CRTC 2003-66 and 2004-62. This RIP is a set of activities and deliverables established by the Relief Planning Committee (RPC) that are required to provide relief to the exhausting NPA 519. The objective of the NPA Relief Planning Process is to ensure an adequate supply of CO Codes and telephone numbers is always available to the Canadian telecommunications industry and users.

The 2000 annual Central Office Code Utilization Survey (COCUS) indicated that NPA 519 was projected to exhaust in January 2006, thus causing Relief Planning activities to commence. In October 2000, the CNA conducted an additional and more detailed relief planning COCUS of Telecommunications Service Providers (TSPs) operating in area code 519. This survey provides information on the actual number of central office codes assigned to each carrier in this area code, as well as a forecast of their needs over the next five years. The results of this survey indicated that area code 519 would exhaust in the fourth quarter of 2006. In February 2001, the CNA completed its annual COCUS survey of all area codes. This survey confirmed that the exhaust of area code 519 should be expected to occur in July 2006. Subsequently, the 2002 General NRUF (G-NRUF) published on May 1, 2002, indicated that the exhaust would occur in November 2006.

### **Public Notice CRTC 2001-21**

On 5 February 2001, the Commission issued Public Notice CRTC 2001-21, announcing the establishment of the Numbering Plan Area (NPA or area code) 519 Relief Planning Committee as an ad hoc committee of the CRTC Interconnection Steering Committee (CISC).

The CISC is a committee that was initiated to facilitate implementation of Telecom Decision CRTC 97-8, *Local Competition*. The mandate of the CISC is to undertake tasks related to technological, administrative and operational issues on matters assigned by the Commission that fall within the scope of the Commission's jurisdiction.

The public notice invited interested parties to participate in meetings to identify solutions to the area code exhaust situation. In addition, the Commission distributed an information bulletin to municipal governments located in the region served by area code 519.

### **TIF Report 1 - Planning Document (PD)**

On 19 March 2001 the CNA issued Version 1 of the Initial Planning Document, based upon the 30 October 2000 NPA Relief Planning COCUS (R-COCUS) results. At its first meeting, the RPC reviewed the Initial Planning Document that identified a number of alternatives to be considered in planning area code relief.

During a series of public meetings, the RPC identified and assessed additional Relief Options, culminating in a consensus NPA 519 Numbering Relief Planning Document (the Planning Document). The Planning Document included an analysis of all the options that could be implemented to provide relief for exhaust in area code 519, including those identified by the CNA as well as additional options identified by the Committee.

On 24 August 2001, the RPC issued the Planning Document dated 17 August 2001 recommending a distributed overlay relief method for area code 519 in either the first or second quarter of 2005 (TIF Report 1).

The recommendations contained in the RPC's consensus Planning Document are summarized as follows:

- a) relief of area code 519 should be implemented using an overlay of all exchanges currently served by the existing area code (i.e., a "distributed" overlay, as described in the Planning Document);
- b) the relief for area code 519 should be scheduled in the first or second quarter of 2005;
- c) the CNA should conduct a COCUS in January and July every year to monitor CO code use and forecasts and to fine-tune the projection of an exhaust date;
- d) at least three years before the projected exhaust date, the CNA should reconvene the RPC to establish a RIP, which would include consumer awareness and network implementation plans;
- e) for approximately two months prior to the introduction of the new area code (the Relief Date), callers would hear an announcement reminding them about the transition from seven- to 10-digit dialing. Calls dialed with only seven-digits would still be completed after this announcement is played. This announcement would be phased-in during a one-week period;
- f) for one week after the Relief Date, a new announcement would be phased-in to remind callers that 10-digit dialing is mandatory. Seven-digit calls would not be completed after this announcement is played;
- g) all local calls in area code 519 and within the new area code would be placed using 10 digits. All local calls between area code 519 or the new area code and customers in neighboring area codes 705 and 905/289 would also need to be placed with 10 digits; and
- h) area code 705 customers would need to dial 10 digits to make local calls into area code 519 and the new area code; local calls between customers in area code 705 could still be dialed using only seven digits.

### **Public Notice CRTC 2001-101**

On 17 September 2001, the Commission issued Public Notice CRTC 2001-101, *Providing relief for the diminishing supply of telephone numbers in area code 519*, requesting comments on various Relief Options. Various parties subsequently submitted comments to the Commission.

### **Telecom Decision CRTC 2002-25, Area code 519 relief plan**

On 22 April 2002, the Commission issued Telecom Decision CRTC 2002-25, *Area code 519 relief plan*. In that Decision, the Commission directed in paragraphs 25-27:

- 1) all Canadian carriers to implement changes to accommodate the provision of a new area code using the Distributed Overlay Method for the area code 519 region in the first quarter of 2005.
- 2) where 10-digit local dialing has not already been implemented, 10-digit local dialing will be introduced on all local calls from, to and within area code 519, coincident with the introduction of the new area code.

- 3) a permissive dialing period of four months be implemented prior to the introduction of mandatory 10-digit local dialing, during which subscribers can make calls using seven or 10 digits.
- 4) during the permissive dialing period, all service providers will be required to use clear and consistent network announcements to remind customers of the changes to the local dialing plan.
- 5) service providers will be permitted to phase-in a permissive dialing message during the first week of the permissive dialing period and phase-in a mandatory dialing message during the week prior to the introduction of the new area code.

In order to monitor area code 519 for any acceleration of exhaust, the Commission also directed, in paragraph 28 that the following measures to be implemented:

- 1) effective 1 July 2002, all service providers that use or intend to use CO codes from area code 519 or the new area code will be required to file semi-annual Canadian Numbering Resource Utilization Forecasts (C-NRUFs) with the Canadian Numbering Administrator (CNA). These C-NRUFs should be conducted at the NPA level of detail and all service providers shall include actual and forecast data using the appropriate methodologies outlined in the C-NRUF Guideline, which was approved by the Commission in Decision CRTC 2001-748, 7 December 2001. Since service providers are required to submit an annual C-NRUF regardless of the need for area code relief planning, the CNA may accept the submission of this annual NRUF as the first of the semi-annual reports, if appropriate;
- 2) effective immediately, all service providers that use or intend to use CO codes from area code 519 or the new area code that submit forecasts that deviate by five codes or more in any given forecast year from the previous NRUF submission are required to file with the CNA explanatory information detailing the reasons for the deviation;
- 3) within 30 calendar days following the filing of each C-NRUF, the CNA will prepare and file with Commission staff a report identifying the carriers that have deviated by five codes or more from the most recent forecast submitted. This report should be filed following each NRUF until area code 519 relief has been implemented;
- 4) all new proposed competitive local exchange carriers intending to provide service in the 519 area code are required to file an initial C-NRUF with the Commission and the CNA prior to making a request for an initial code. The CNA should not assign an initial code without receiving a forecast;
- 5) Commission staff may request that the CNA and carriers file more detailed and frequent monthly or quarterly C-NRUF data if the exhaust date is forecast to advance; and
- 6) the CNA is required to notify the Commission when the 700th NXX has been assigned, in order to trigger a review of the situation and any decisions regarding the disposition of the remaining resources.

In paragraph 29, the Commission directed the RPC to develop a comprehensive and consistent consumer awareness program for relief activities in the area code 519 region, and to forward it to the CISC no later than 1 March 2003.



## **New Overlay Area Code 226**

Following the release of the Decision, the CNA requested a new area code from the North American Numbering Plan (NANP) Administrator for the relief of area code 519. The new area code is 226.

### **TIF Report 2 - Relief Implementation Plan (RIP)**

On 7 February 2003 the RPC submitted TIF Report 2 (File ID: 519RE02A.doc) containing the proposed Relief Implementation Plan (RIP) to the CISC for consideration. The key dates recommended by the RPC to implement Telecom Decision CRTC 2002-25 were as follows:

- 1) The recommended start date for the commencement of consumer awareness activities is Monday, 1 September 2003.
- 2) The recommended start date for the 7- to 10-Digit Dialing Transition Period for network announcements is Saturday, 16 October 2004.
- 3) The recommended mandatory 10-digit dialing date is Saturday, 12 February 2005.
- 4) The recommended Effective Date for the introduction of the new overlay NPA 226 is Saturday, 19 February 2005 (i.e., the Relief Date).

In TIF Report 2, the RPC also advised the CISC and Commission that it intended to review the NPA 519 2003 R-NRUF results. The RPC stated that, if the results confirm that the Projected Exhaust Date for NPA 519 is extended outwards significantly from the dates projected at the time Telecom Decision CRTC 2002-25 was released, the RPC may submit a recommendation to delay the Relief Date and modify the Relief Implementation Plan.

The RPC reviewed the R-NRUF results issued by the CNA on 15 April 2003 that indicated exhaust was forecast to occur in December 2007, which was about 18 months beyond the average Projected Exhaust Date (i.e., about June 2006) when Telecom Decision CRTC 2002-25 was released on 22 April 2002. Therefore, the results confirmed the September 2002 R-NRUF forecast that the Projected Exhaust Date for NPA 519 was extended outwards significantly from the dates projected at the time Telecom Decision CRTC 2002-25 was released in April 2002.

### **TIF Report 3 - Proposed Change to the Relief date**

On 6 June 2003, the RPC determined that a change to the Relief Date would have the benefit of delaying the costs of implementing relief for all customers and TSPs operating in area code 519 by one year and eight months. Therefore the RPC submitted TIF Report 3 containing the following recommendations to the CISC:

- 1) Submit a recommendation to the CRTC to modify the Relief Date of 19 February 2005 to 21 October 2006.
- 2) The CRTC direct the RPC to reconvene at an appropriate time to change the RIP including the relief implementation schedule and associated Consumer Awareness Program and Planning Letter, as necessary.
- 3) The Commission direct the RPC to monitor the future NRUF results and actual CO Code assignments, and to advise the Commission when and if any further deferral or advance of the Relief Date would be warranted.

## **Telecom Decision CRTC 2003-66 CRTC Interconnection Steering Committee – Consensus items**

On 29 September 2003, in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519. A Relief Planning Committee conference call was held on 22 January 2004 to begin revising the Relief Implementation Plan and associated documentation. During the 22 January 2004 conference call, it was recommended and agreed that the NPA 519 Relief Planning Committee would defer updating the NPA 519 Relief Implementation Plan until the final version of the NPA 519 February 2004 S-NRUF results are released. Once those results are released, the Relief Planning Committee indicated that it would begin to develop an action plan which may involve recommending a different Relief Date to the Commission, or may result in updating the existing NPA 519 Relief Implementation Plan to accommodate the 21 October 2006, Relief Date.

On 15 April 2004, the CNA released the 2004 G-NRUF results which indicated that NPA 519 would exhaust in October 2007, which is 12 months after the current CRTC approved Relief Date of 21 October 2006. As the most recent NRUF results confirm that the Relief Date is still 12 months in advance of the Projected Exhaust Date the RPC revised the Relief Implementation Plan to implement relief as approved by the CRTC in Telecom Decision CRTC 2003-66.

### **TIF Report 4 – Revised Relief Implementation Plan (RIP)**

The RPC revised the Relief Implementation Plan to implement relief as approved by the CRTC in Telecom Decision CRTC 2003-66. On 10 June 2004, the RPC submitted a revised RIP to the CISC for consideration. On 28 June 2004, the CISC accepted the RIP and forwarded it to the CRTC for approval.

## **Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)"**

Subsequently on September 27, the CRTC released Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)". In this decision, the CRTC approved recommendations for relief of area code 519, as proposed by the Numbering Plan Area 519 Relief Planning Committee (the RPC). Specifically, the CRTC approved the phasing in of the permissive 10-digit local dialing announcement commencing 17 June 2006 and ending 24 June 2006, and the phasing in of mandatory 10-digit local dialing and the related announcement commencing 14 October 2006 and ending 21 October 2006. The CRTC directed the Canadian Numbering Administrator to request a special Numbering Resource Utilization Forecast survey to capture all known and anticipated demand for the next 24 months, and to file the results with the CRTC by 10 January 2005, in order to discover any advancement in the projected dates for exhaust of available telephone numbers in area code 519. The CRTC also directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period.

Accordingly, the RPC is submitting this revised Relief Implementation Plan to the Commission in accordance with the directives contained in Telecom Decision CRTC 2004-62.

## **Projected Exhaust Dates**

The Projected Exhaust Date for an NPA (area code) is the date on which it is expected that the NPA will run out of assignable CO Codes (NXXs). When an NPA is projected to exhaust within about a 6 year period, the CNA initiates relief planning for that NPA with the objective of implementing relief 12 to 18 months in advance of the then Projected Exhaust Date. Over time, the Projected Exhaust Date may change as the forecast requirement for CO Codes and telephone numbers changes in response to customer demand for existing and new telecommunications services and the requirements of existing and new TSPs. The CNA monitors assignment data and conducts special studies called the C-NRUF (formerly called the COCUS) in order to predict NPA exhaust.

The following table summarizes the various Projected Exhaust Dates forecast by the CNA using information published on the [www.cnac.ca](http://www.cnac.ca) web site and additional information provided by the CNA in reports submitted to the CSCN:

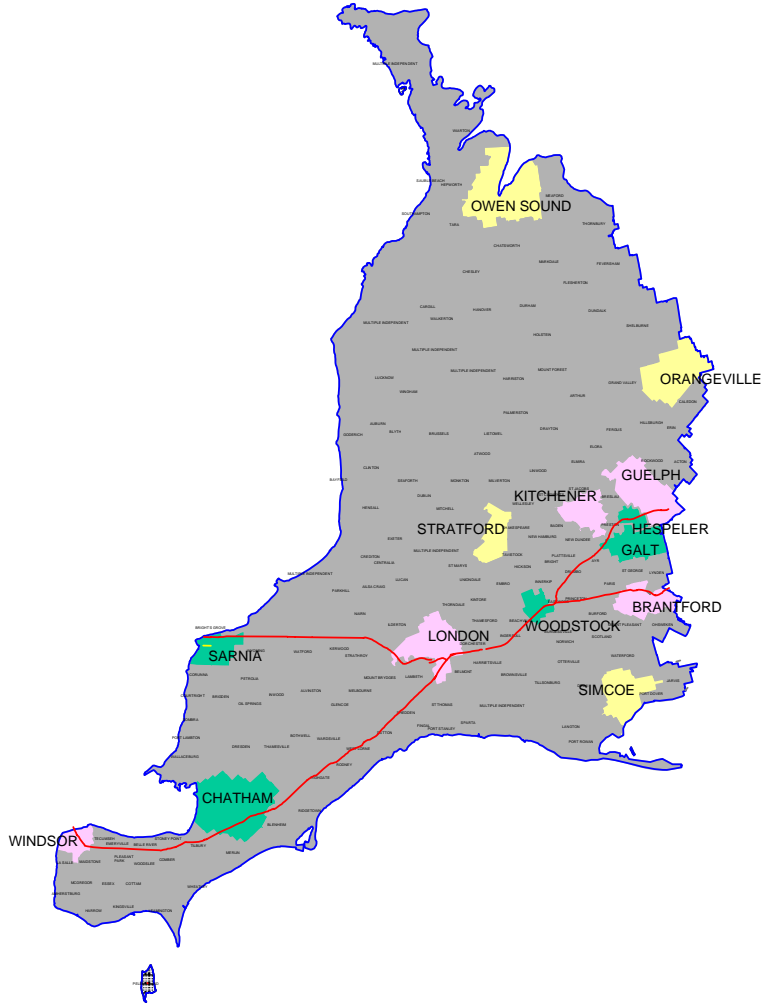
<b>Summary of Projected Exhaust Dates</b>			
<b>NPA</b>	<b>Type of NRUF/COCUS</b>	<b>Publication Date</b>	<b>Projected Exhaust Date</b>
519	2000 G-COCUS	9 May 2000	January 2006
519	2000 G-COCUS (revision)	28 July 2000	August 2006
519	R-COCUS	30 October 2000	December 2006
519	R-COCUS (2001 G-COCUS)	10 April 2001	June 2006
519	R-COCUS	July 2001	July 2006
519	R-NRUF (2002 G-NRUF)	1 May 2002	November 2006
519	S-NRUF	18 September 2002	May 2007
519	S-NRUF (2003 G-NRUF)	15 April 2003	December 2007
519	S-NRUF	30 September 2003	October 2007
519	S-NRUF (2004 G-NRUF)	15 April 2004	October 2007
519	S-NRUF	30 September 2004	March 2008

## **Map of NPA 519**

A map showing NPA 519 is on the following page. NPA 519 has served southwestern Ontario since 1953 and contains 210 telephone company exchanges including Brantford, Chatham, Galt, Guelph, Hespeler, Kitchener-Waterloo, London, Orangeville, Owen Sound, Sarnia, Simcoe, Stratford, Windsor and Woodstock.

Appendix 4 to the Planning Letter (Attachment 5) contains a list of the exchange areas in NPA 519.

# Map of NPA 519



**Dial Plan Impacts**

As of 16 November 2002, local calls can be dialed with seven digits throughout area code 519, as well as between area code 519 and certain exchange areas in area code 705. Local calls between area code 905 and area code 519 already require 10-digit dialing. The major impact of the RIP on customers is the introduction of 10-digit dialing for all local calls from, to and within area code 519. This will impact all customers in area code 519, as well as customers in neighboring exchange areas in area code 705 that currently have 7-digit local dialing into NPA 519. Appendix 2 to the Planning Letter (Attachment 5) contains a list of the exchange areas in NPA 705 that currently have 7-digit local dialing into NPA 519, and will consequently have a change to their dialing plan.

The dial plan for calls originating from NPA 519 will change as follows:

<b>NPA</b>	<b>Local Dial Plan</b>	<b>Local Dial Plan</b>	<b>Toll Dial Plan</b>	<b>Toll Dial Plan</b>
	<b>Current</b>	<b>Future</b>	<b>Current</b>	<b>Future</b>
<b>519</b>	7 digits	<b>10 digits</b>	1 + 10 digits	1 + 10 digits

The dial plan for the four exchange areas in NPA 705 identified in Appendix 3 to the Planning Letter (Attachment 5) that currently have 7-digit local dialing into NPA 519 (i.e., Alliston, Barrie, Collingwood and Cookstown) will change as follows:

<b>Local Dial Plan</b>	<b>Local Dial Plan</b>	<b>Toll Dial Plan</b>	<b>Toll Dial Plan</b>
<b>Current</b>	<b>Future</b>	<b>Current</b>	<b>Future</b>
- 7 digits for all local calls within 705 and to 519 - 10 digits for all local calls into 905/289	- 7 digits for all local calls within 705 <b>- 10 digits for all local calls into 519/226 &amp; 905/289</b>	1 + 10 digits	1 + 10 digits

**Purpose of RIP**

The purpose of this revised RIP is to establish a public framework and timeframe for implementing relief for area code 519. This RIP addresses the:

- 1) implementation of new area code 226 as a distributed overlay to the area code 519 region on 21 October 2006.
- 2) introduction of 10-digit dialing for all local calls from, to and within area code 519, prior to the introduction of the new area code.

This RIP also addresses the activities, deliverables, and issues impacting more than one individual TSP. It does not cover activities internal to each TSP. Attachment 3, Individual Telecommunications Service Provider Responsibilities, provides a list of activities that each TSP

will need to address in its own network, systems and business operations. In addition, this RIP does not cover areas for which there is already an established process for coordination between TSPs to establish service (e.g., interconnection agreements between carriers).

In the event that circumstances change after the date when the Commission approves this RIP, the RPC may propose modifications to this RIP as necessary.

### 3. NPA RELIEF PLANNING PROCESS

NPA Relief Planning is conducted under the regulatory oversight of the Commission in accordance with the Canadian NPA Relief Planning Guidelines. Those Guidelines were developed by the Canadian Steering Committee on Numbering (CSCN), accepted by the CISC and approved by the Commission.

The Canadian NPA Relief Planning Guidelines and related information on relief planning may be obtained from the [www.cnac.ca](http://www.cnac.ca) web site. The CISC operates under the CISC Administrative Guidelines that may be obtained from the Commission web site (see [www.crtc.gc.ca](http://www.crtc.gc.ca)).

For each NPA projected to exhaust within a 72 month time period, the Commission informs the public that an RPC, chaired by the CNA, will be formed as an Ad Hoc Working Group of the CISC to do relief planning for the exhausting NPA. Any interested party may participate in the relief planning process. All RPCs operate as open public forums. Any party wanting to participate in this process is encouraged to visit the above web sites to obtain information on the process and schedule of events and activities. Any questions regarding the relief planning process may be directed to the CNA as follows:

Contact: Glenn Pilley  
Telephone: 613-563-7242  
Facsimile: 613-563-9293  
E-mail: [pilleyg@saiccanada.com](mailto:pilleyg@saiccanada.com)  
Address: CNA – SAIC Canada  
Suite 1516 - 60 Queen Street  
Ottawa, Ontario, Canada K1P 5Y7

Individual TSPs are responsible for their own activities to implement relief (see Attachment 3). Each TSP employs a variety of information and operation support systems for the operation, maintenance, control, and administration of its network and to serve its customers. Each TSP is responsible to make the necessary changes in its systems in order to operate in the new environment and specifically to process the full 10-digit telephone number of each subscriber. Each TSP is responsible to ensure its customers are informed and implement the changes necessary to support the relief activity. Also, each TSP is responsible to ensure its own suppliers of products and services (e.g., Operator Services) implement the changes necessary to support the relief activity. Accordingly, no activities have been identified for the coordination of these functions between different TSPs, except as otherwise provided for in this RIP (e.g., Consumer Awareness Program (CAP) and Network Implementation Plan (NIP)).

Individual TSPs and industry database owners/operators shall advise Commission staff of any concerns or problems as they arise with respect to modifying their systems and databases in time to implement relief in accordance with this RIP.

#### **4. PROPOSED NPA RELIEF IMPLEMENTATION TASK FORCE(S)**

The RPC developed this RIP with the assistance and input of two Task Forces created by the RPC:

- 1) Consumer Awareness Task Force (CATF), and
- 2) Network Implementation Task Force (NITF).

The CNA sent an e-mail to all current and prospective Code Holders in the affected area codes requesting those entities to provide a contact name to the Co-chairs of the two Task Forces (with a courtesy copy to Commission staff). Independent telephone companies may choose to be represented by their associations.

Each Task Force has at least one voluntary Co-chair. The Co-chairs of the CATF and NITF act as the single point of contact and spokespersons for their respective Task Forces. The Co-chairs maintain the list of participants on their Task Forces as confidential. All TSPs operating in the affected NPAs have a participant on each of the Task Forces.

The two Task Forces have developed and submitted separate but coordinated plans for their respective activities:

- 1) Consumer Awareness Program (CAP), and
- 2) Network Implementation Plan (NIP).

Individual TSPs are expected to develop individual consumer awareness programs and network implementation plans within the parameters of the CAP and NIP contained in this RIP. The CATF and NITF will meet periodically to perform their industry level functions identified in this RIP. The RPC will provide oversight and coordination of the CATF and NITF in accordance with the RIP.

#### **Consumer Awareness Task Force (CATF)**

Telecom Decision CRTC 2002-25, *Area code 519 relief plan*, directed the RPC to develop a comprehensive and consistent consumer awareness program for relief activities in the area code 519 region, and to forward it to the CISC no later than 1 March 2003. This task was completed in the timeframe ordered. Subsequently, on 29 September 2003 in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519. The CAP was modified to accommodate the delay of the Relief Date. Subsequently on September 27, the CRTC released Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)" which directed the RPC to modify the network announcements. The CAP was modified to reflect this direction and to make adjustments in the schedule of activities for the CATF to coordinate these activities with those taking place for relief of NPAs 613, 819 and 514.

To develop a CAP, the RPC created a CATF. Each TSP operating in NPA 519 and in affected exchange areas in NPA 705 was requested to provide the name of a representative to serve on the CATF. The CATF is Co-chaired by volunteer participants of the CATF. The Co-chairs of the CATF compile, maintain and distribute the list of all representatives on the CATF to the CATF distribution list (i.e., contact name, title, telephone number, fax number, street address, e-mail address), including the CNA.



## Purpose and Mandate

The responsibilities of the CATF includes, but is not limited to:

- 1) Develop and agree on a CAP and schedule;
- 2) Develop and submit progress reports;
- 3) Identify and address CAP issues;
- 4) Act as single point of contact on CAP issues; and,
- 5) Identify any consumer concerns or issues regarding the implementation of relief and advise the RPC, the Commission or Commission staff as appropriate.

The role of the individual CATF representative of each TSP is to ensure that its TSP organization develops, submits and implements its individual consumer awareness program in accordance with the CAP and associated schedule. Each representative acts as the single point of contact with respect to implementation of the CAP and activities for its organization. Each TSP is responsible for developing, submitting and implementing its individual consumer awareness program in accordance with the industry level CAP.

All TSPs shall provide progress reports to the CATF for submission to the RPC in accordance with the Relief Implementation Schedule.

Individual TSPs should notify the CATF, or Commission staff, or the Commission, as appropriate, if there are any problems or concerns with respect to their individual consumer awareness program activities to implement relief in accordance with this RIP.

The recommended CAP is attached to this RIP (see Attachment 1).

## **Network Implementation Task Force (NITF)**

Telecom Decision CRTC 2002-25 did not specifically direct the RPC to create a NITF nor to develop a NIP to be submitted to the CISC. However, the RPC agreed to create a NITF to coordinate the implementation of relief for area code 519 in order to comply with the Canadian NPA Relief Planning Guidelines. This task was completed in the same timeframe as the creation of the CATF. Subsequently, on 29 September 2003, in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519. The NIP was modified to accommodate the delay of the Relief Date. Subsequently on September 27, the CRTC released Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)" which directed the RPC to modify the network announcements. The NIP was modified to reflect this direction and to make adjustments in the schedule of activities for the NITF to coordinate these activities with those taking place for relief of NPAs 613, 819 and 514.

Each TSP operating in NPA 519 and in affected exchange areas in NPA 705 was requested to provide the name of a representative to serve on the NITF. The NITF is Co-chaired by volunteer participants of the NITF. The Co-chairs of the NITF compile, maintain and distribute the list of all representatives on the NITF to the NITF distribution list (i.e., contact name, title, telephone number, fax number, street address, e-mail address), including the CNA.

## Purpose and Mandate

The role of the NITF is to identify and address network implementation issues that affect all carriers. The responsibilities of the NITF include, but are not limited to:

- 1) Develop and agree on a NIP and schedule;
- 2) Develop and submit progress reports;
- 3) Identify and address NIP issues;
- 4) Act as single point of contact on NIP issues;
- 5) Identify any network concerns or issues regarding the implementation of relief and advise the RPC, the Commission or Commission staff as appropriate; and,
- 6) Develop inter-network test plans, as necessary.

The role of the individual NITF representative of each TSP is to ensure that its TSP organization develops, submits and implements its individual network implementation plan in accordance with the NIP and associated schedule. Each representative acts as the single point of contact for implementation of the NIP and activities for its organization. Each TSP is responsible to develop, submit and implement its individual network implementation plan in accordance with the industry level NIP.

All TSPs shall provide progress reports to the NITF for submission to the RPC in accordance with the Relief Implementation Schedule.

Test Plans and Tests, if required, shall be arranged on a bilateral basis between interconnecting TSPs in accordance with bilateral agreements and the Relief Implementation Schedule.

Individual TSPs and industry database owners/operators (e.g., Canadian Local Number Portability Consortium) should notify the NITF, or Commission staff, or the Commission, as appropriate, if there are any problems or concerns with modifying their systems and databases in time to implement relief in accordance with this RIP.

The recommended NIP is attached to this RIP (see Attachment 2).

## 5. PROPOSED NPA RELIEF IMPLEMENTATION SCHEDULE

The following table identifies the major implementation activities, deliverables and associated dates based upon the tasks identified in the Canadian NPA Relief Planning Timeline as well as major events in both the CAP and NIP. All TSPs and telecommunications service users should plan their internal relief activities in accordance with the following Relief Implementation Schedule.

### RELIEF IMPLEMENTATION SCHEDULE NPA 519 Relief 10 Digit Local Dialing and New Overlay NPA 226

ITEM	PRIME	START	END
1	CRTC	September 29, 2003	September 29, 2003
2	RPC CATF NITF	September 29, 2003	June 7, 2004
3	RPC	June 7, 2004	June 7, 2004
4	CISC	June 7, 2004	July 14, 2004
5	CRTC	July 14, 2004	September 27, 2004
6	CNA	September 27, 2004	October 8, 2004
7	CNA	September 27, 2004	September 29, 2004
8	NANPA	September 29, 2004	October 1, 2004
9	CNA	September 27, 2004	October 12, 2004
10	TSPs	September 27, 2004	Feb 1, 2005
11	TSPs	Feb 1, 2005	October 14, 2006
12	TSPs	Feb 1, 2005	April 1, 2005
13	TSPs	Feb 1, 2005	June 17, 2005
14	TSPs	June 17, 2005	June 24, 2005
15	NITF & CATF	June 24, 2005	July 8, 2005
16	RPC	July 8, 2005	July 22, 2005
17	Special Users	September 27, 2004	June 17, 2005
18	TSPs	October 15, 2005	February 1, 2006
19	TSPs	April 15, 2006	15 April, 2006

	ITEM	PRIME	START	END
	and Test Numbers in network (prior to start date for Inter-Carrier Testing)			
20	Telcordia TRA database updates to include new area code 226 (6 months prior to 7/10 Digit Permissive Dialing Period)	Telcordia TRA	September 27, 2004	December 16, 2005
21	All Telecommunications Service Users (including Special Users 911 PSAPs, alarm companies, ISPs, paging companies, etc.) to implement changes to their telecom equipment & systems to accommodate 10-digit local dialing and new overlay NPA as necessary	Telecom Users	September 27, 2004	June 17, 2006
22	Payphone Providers Reprogram Payphones	Payphone Providers	September 27, 2004	June 17, 2006
23	TSPs and database owners/operators to modify systems and industry databases	Database Owners	September 27, 2004	June 17, 2006
24	Operator Services & Directory Assistance Readiness	TSPs	September 27, 2004	June 17, 2006
25	Directory Publisher Readiness for 10-digit dialing (to identify the NPA for telephone numbers in the directory distributed prior to the introduction of 10-digit local dialing where 7-digit cross-NPA boundary local dialing is in effect today)	Directory Publishers	September 27, 2004	June 17, 2005
26	Directory Publisher Readiness for overlays (ability to identify the NPA in telephone numbers in the directory published immediately after the overlay NPA is activated)	Directory Publishers	September 27, 2004	October 28, 2006
27	9-1-1 PSAP Systems and Databases Readiness	PSAPs & TSPs	September 27, 2004	June 17, 2006
28	9-1-1 TSP Readiness	TSPs	September 27, 2004	June 17, 2006
29	International Gateway Switch Translations Readiness for new NPA	Int'l TSPs	September 27, 2004	October 14, 2006
30	Canadian Local Number Portability Consortium (CLNPC) Database Readiness for new NPA	CLNPC NPAC	September 27, 2004	October 14, 2006
31	Toll Free SMS Database Readiness for new NPA	Toll TSPs	September 27, 2004	October 14, 2006
32	ISCP & Service Order Systems Readiness	TSPs	September 27, 2004	October 14, 2006
33	Develop Inter-Carrier Network Test Plans (individual carriers to make arrangements in accordance with interconnection agreements)	NITF TSPs	December 16, 2005	April 15, 2006
34	TSPs prepare for Inter-Carrier Network Testing (signaling networks, toll, local)	TSPs	December 16, 2005	April 15, 2006
35	Inter-Carrier Testing Period (starts 2 months prior to 7- to 10-Digit Dialing Transition Period – subject to Inter-Carrier Network Test Plans – can continue up to introduction of new NPA)	NITF TSPs	April 15, 2006	October 21, 2006
36	TSPs to submit Progress Report #2 to NITF and CATF	TSPs	April 21, 2006	May 5, 2006
37	NITF and CATF develop & submit Progress Report #2 to RPC	NITF & CATF	May 5, 2006	May 19, 2006
38	RPC develops & submits Progress Report #2 to CISC/CRTC	RPC	May 19, 2006	June 2, 2006
39	7- to 10-Digit Dialing Transition Period announcements start date	TSPs	June 17, 2006	June 17, 2006
40	Phase-in of 7- to 10-Digit Dialing Transition Period announcements	TSPs	June 17, 2006	June 24, 2006
41	7- to 10-Digit Dialing Transition Period Announcement Timeframe	TSPs	June 17, 2006	October 13, 2006
42	TSPs to submit Progress Report #3 to NITF and CATF	TSPs	July 7, 2006	July 21, 2006

	<b>ITEM</b>	<b>PRIME</b>	<b>START</b>	<b>END</b>
43	NITF and CATF develop & submit Progress Report #3 to RPC	NITF & CATF	July 21, 2006	August 4, 2006
44	RPC develops & submits Progress Report #3 to CISC/CRTC	RPC	August 4, 2006	August 18, 2006
45	Mandatory 10-digit dialing date	TSPs	October 14, 2006	October 14, 2006
46	Phase-in of mandatory 10-digit dialing announcements	TSPs	October 14, 2006	October 21, 2006
47	Relief Date (earliest date when CO Codes in new NPA 226 may be activated in PSTN)		October 21, 2006	October 21, 2006
48	TSPs submit final Progress Report #4 to CATF and NITF	TSPs	October 21, 2006	November 17, 2006
49	TSPs disconnect Test Codes & Numbers	TSPs	November 21, 2006	December 21, 2006
50	Submission of NITF and CATF Final Progress Report #4 to RPC	NITF & CATF	November 17, 2006	December 1, 2006
51	RPC submits Final Report #4 to CISC/CRTC	RPC	December 1, 2006	January 12, 2007
52	Change Mandatory 10-Digit Dialing Announcement to standard announcement	TSPs	January 15, 2007	February 14, 2007

## **6. OTHER ISSUES**

### **Payphone Service Providers**

All Payphone Service Providers are required to comply with the requirements contained in this RIP and Telecom Decisions CRTC 2002-25, 2003-66 and 2004-62.

It is the responsibility of each Payphone Service Provider to update any system associated with the operation of their payphones in order to accommodate relief of NPA 519 including the implementation of 10-digit local dialing. As well, each Payphone Service Provider must update any written instructions affixed to their payphones to advise customers that 10-digit dialing is required for local calls.

It is recommended that Commission staff notify Payphone Service Providers of the implementation of relief for NPA 519, the overlay NPA 226, and 10-digit local dialing.

Individual Payphone Service Providers should notify the Commission or Commission staff, as appropriate, if they have any problems or concerns with respect to NPA 519 relief.

### **Telecommunication Service Users**

All users are required to comply with the requirements contained in this RIP and Telecom Decisions CRTC 2002-25, 2003-66 and 2004-62.

Users of telecommunications services in NPA 519, affected exchange areas in NPA 705, and elsewhere are required to make the necessary changes to their telecommunications systems and equipment in order to send and receive calls using 10-digit local dialing over the Public Switched Telephone Network (PSTN). Users include, but are not limited to, 9-1-1 Public Safety Answering Points (PSAPs), alarm companies, internet service providers, paging companies, owners of Customer Premises Equipment, unified messaging service companies, governments, apartment building owners, hydro meter readers and the general public.

Special types of Telecommunication Service Users (e.g., 9-1-1 PSAPS, alarm companies, internet service providers, paging companies, owners of Customer Premises Equipment requiring modification, unified messaging service companies, governments, apartment building owners, hydro meter readers) must take special measures to ensure that their services continue to function properly. All special types of Telecommunication Service Users are requested to co-ordinate their equipment and system modifications with their TSPs to implement the new overlay NPA 226. This is necessary to ensure a smooth and timely transition to 10-digit local dialing in the affected NPAs.

Users that may be impacted by the implementation of the permissive dialing announcement should complete all necessary changes prior to the beginning of the 7-to-10-Digit Dialing Transition Period for network announcements as identified in the Relief Implementation Schedule. TSPs should advise their customers that any automatic dialers or automatic call forwarding systems that are programmed to use 7-digit dialing must be reprogrammed to use 10-digit dialing by the introduction of the 7- to 10-Digit Dialing Transition Period announcement.

Users of telecommunications services should notify their TSP and the Commission or Commission staff, as appropriate, if they have any problems or concerns with modifying their systems and databases in time to implement relief in accordance with this RIP. It is critically important that service users, in particular alarm service providers, make the required or necessary modifications to their systems, databases and terminal equipment prior to the 7- to10-Digit Dialing Transition Period start date and mandatory 10-digit dialing date in order to ensure continuity of service.

9-1-1 PSAPS must make any required changes to their systems and databases to accommodate the new overlay NPA 226 and 10-digit local dialing. Individual 9-1-1 PSAP system operators shall identify specific problems or concerns to the Commission or Commission staff, as appropriate. It is critically important that 9-1-1 PSAPs make the required or necessary modifications to their systems, databases and terminal equipment prior to the 7- to10-Digit Dialing Transition Period start date and mandatory 10-digit dialing date in order to implement the new overlay NPA 226 and ensure continuity of service.

### **Directories**

All Directory Service Providers are required to comply with the requirements contained in this RIP and Telecom Decisions CRTC 2002-25, 2003-66 and 2004-62..

The adoption of 10-digit local dialing in accordance with the Decision will impact all customers in area code 519, as well as customers in neighboring exchange areas in area code 705 that currently have 7-digit cross-NPA local dialing into NPA 519.

It is the responsibility of Directory Service Providers to make the necessary changes to their systems and directories to facilitate the introduction of the new overlay NPA 226 and 10-digit local dialing. All directory publishers should modify their systems to accept telephone numbers in the 10-digit format.

To facilitate the implementation of 10-digit local dialing, certain directories published before the Relief Date should identify the area code associated with the telephone number. In locations where 7-digit local dialing across NPA borders is permitted today (see Attachment 5 for NPA 705 and Attachment 6 for NPA 519), directories must contain appropriate dialing instructions and information. This is necessary in order to advise callers in those areas of the appropriate 10-digit numbers to be dialed during the 7- to10-Digit Dialing Transition Period as well as after mandatory 10-digit dialing is implemented.

After the implementation of the new overlay NPA 226, all future directories in NPA 519 and affected exchange areas in NPA 705 should identify the area code associated with the telephone number so that customers can obtain the appropriate 10 digit number.

Directories provided for all exchange areas in 705 that currently have 7-digit cross-NPA local dialing into NPA 519, will require modifications to the local dialing plan instructions and an indication that the 519 area code must be dialed with the 7-digit telephone number for local calls into NPA 519. Attachment 5 identifies the exchange areas in NPA 705 that currently have 7-digit cross-NPA local dialing into NPA 519.

Directories provided for all exchange areas in 519, will require modifications to the local dialing plan instructions and an indication that the area code must be dialed with the 7-digit telephone number for all local calls to NPAs 519, 226 and 705 as applicable. Attachment 6 identifies the exchange areas in NPA 519 that currently have 7-digit cross-NPA local dialing into NPA 705.

### **Special Overlay Pool for Initial Code Assignments**

In CRTC Decision 2001-365 *Assignment of central office codes following relief of an area code*, the Commission directed that a pool of CO Codes be made accessible to any carrier applying for an initial code in a particular exchange following the introduction of a new area code using the overlay method (called the “Pool for Initial Code Assignments”).

Specifically, the CRTC directed that:

- a) a pool of CO codes be set aside for assignment to any carrier requesting an initial code, as described by the Canadian Central Office (NXX) Code Assignment Guidelines, for a particular exchange. CO codes assigned from this pool should not be replaced. This pool will be maintained for a period of only two years following the introduction of a new area code to avoid an undue impact on the exhaust of the new area code. Where such a pool exists, all initial code assignments shall be made from the pool. In cases where the Commission has not established the number of CO codes for this special pool, the appropriate CISC Ad Hoc Relief Planning Committee may make a recommendation to the Commission via the CISC process with regard to the number of CO codes for the pool; and
- b) all other CO codes remaining in the original area code and that are not part of the pool set aside for use as initial codes may be assigned using the normal administrative procedures set out in the Canadian Central Office (NXX) Code Assignment Guidelines.

The Canadian NPA Relief Planning Guidelines state in paragraph 2 of section 7.2, Overlay Method, that:

Following the implementation of an overlay, an appropriate number of CO Codes are set aside for Initial Code Applicants for a period of two years after the Relief Date (Letter Decision CRTC 2001-365). The quantity of CO Codes set aside following relief should be equivalent to the quantity set aside for this purpose in the case of a Jeopardy Condition as per section 9.1 of these guidelines.

In paragraph 5 of section 9.1 of those guidelines, it states:

The RPC shall recommend a quantity of CO Codes to be set aside, on the NPA CO Code Inventory Chart, for Initial Code Applicants whose requirements were not considered in the first J-COCUS. The quantity to be set aside for such Initial Code Applicants shall be based upon an assessment of the quantity of exchange areas in the NPA and the potential for Initial Code Applicants to enter the market in those exchange areas. The quantity of set aside Codes for FNEs [stet] should be



recommended by the CNA in the IPD and approved or modified by the Relief Planning Committee (RPC), CISC and CRTC. This pool of CO Codes for Initial Code Applicants shall be used for initial Code assignments to [stet] until relief is provided.

In the Glossary of those guidelines, the term Initial Code Applicant is defined as follows:

Any entity making an application for an initial code in an exchange within the exhausting NPA as per section 4 of the Central Office Code Assignment Guidelines.

In establishing the "Pool for Initial Code Assignments", the RPC considered that NPA 519 consists of 210 exchange areas. In the Initial Planning Document (IPD), the CNA indicated that the majority of the projected growth in NPA 519 is mainly limited to 15 exchanges, and that in the remaining exchanges there is virtually no projected growth. Those 15 exchanges are: Brantford, Chatham, Galt, Goderich, Guelph, Hespeler, Kitchener-Waterloo, London, Orangeville, Owen Sound, Sarnia, Simcoe, Stratford, Windsor and Woodstock. Using the year 2002 G-NRUF results, the annual growth in CO Codes projected to be assigned during the next 6 years varies from 28 to 42, with an average of 35.7 per year. A significant quantity of the annual growth is expected to be in the 15 exchange areas identified above for TSPs that already have CO Code assignments in those 15 exchange areas. Given the recent experience with new entrants in the CLEC and wireless sectors, it is expected that there will be few new entrants requesting initial code assignments in the 2 year period after the implementation of the overlay. It is also expected that there will be only a small quantity of requests from existing TSPs for initial code assignments in the 15 growing exchange areas and the no/low growth exchange areas during the two year period. On the [www.cnac.ca](http://www.cnac.ca) web site, the CNA has identified 15 CO Codes in NPA 519 as status of "New Entrants Reserved" with remarks "Reserved New Entrants - Can be made available upon request".

Given these factors, the RPC agreed to recommend that 15 CO Codes should be set-aside in the "Pool for Initial Code Assignments for the two year period following the implementation of the overlay 226 area code. The RPC expects that this quantity of CO Codes would be sufficient to accommodate the need for initial code requests for the two-year period following the introduction of a new area code via the overlay method.

## 7. RECOMMENDATIONS

In this RIP, the RPC makes recommendations for various events and implementation details. As directed in the Decision, this RIP contains specific recommendations for a CAP. In addition the RIP contains a Relief Implementation Schedule, a NIP and a Jeopardy Contingency Plan (JCP).

Some of the major recommendations contained in this document are:

- 1) The recommended start date for the 7- to 10-Digit Dialing Transition Period for network announcements is **Saturday, 17 June 2006**. All TSPs must phase-in the 7- to 10-Digit Dialing Transition Period announcement over a 7 calendar day period commencing on the start date above and complete all such work by **00:01 a.m. ET Saturday, 24 June 2006**.
- 2) The recommended mandatory 10-digit dialing date is **Saturday, 14 October 2006**. The RPC recommends that all TSPs be permitted to phase in the mandatory 10-digit dialing announcements over a 7 calendar day period, commencing on the mandatory 10-digit dialing date (coincident with the phase-out of the 7- to 10-Digit Dialing Transition Period announcement), and complete all such work by **00:01 a.m. ET Saturday, 21 October 2006**.
- 3) The recommended Effective Date for the introduction of the new NPA 226 is **Saturday, 21 October 2006**. It is recommended that Central Office Codes (NXXs) in new overlay NPA 226 not be activated in the PSTN until at least 7 days after the mandatory 10-digit dialing date in order to allow for the 7 day period for the implementation of the mandatory 10-digit dialing announcements. Accordingly, the earliest Effective Date for activation of new CO Codes in NPA 226 will be **Saturday, 21 October 2006**.
- 4) The recommended Relief Implementation Schedule is contained in Section 5.
- 5) The recommended CAP is contained in Attachment 1.
- 6) The recommended NIP is contained in Attachment 2.
- 7) The recommended JCP is contained in Attachment 4.
- 8) The recommended quantity of CO Codes that should be set-aside in the "Pool for Initial Code Assignments" in NPA 519 for the two year period following the implementation of the overlay 226 area code is 15 CO Codes.
- 9) The recommended Planning Letter (PL) submitted in the previous RIP is contained in Attachment 5.

The RPC hereby recommends that the CISC accept this RIP and forward it to the Commission for approval.

### **Recommended Mandatory 10-Digit Local Dialing Date**

The recommended mandatory 10-digit dialing date is **Saturday, 14 October 2006, starting at 00:01 a.m. ET**.

In Telecom Decision CRTC 2002-25, the Commission directed that where 10-digit local dialing has not already been implemented, 10-digit local dialing will be introduced on all local calls from, to and within area code 519, coincident with the introduction of the new area code. This recommended mandatory 10-digit dialing date satisfies the directives in

Telecom Decisions CRTC 2002-25 and 2003-66 as mandatory 10-digit local dialing is being implemented coincident with the implementation of the new 226 overlay area code..

In accordance with Telecom Decision CRTC 2002-25, TSPs are permitted to phase-in a mandatory dialing message during the week prior to the introduction of the new area code. Accordingly, the RPC requests that all TSPs phase-in the mandatory 10-digit dialing announcement over a 7 calendar day period commencing on the mandatory 10-digit dialing date (coincident with the phase-out of the 7- to 10-Digit Dialing Transition Period announcement). Therefore, the phase-in of the mandatory 10-digit dialing announcement will commence on and be completed by the dates in the Relief Implementation Schedule.

### **Recommended Date for CO Code Activation for NPA 226**

The recommended Effective Date for the introduction of the new NPA 226 is **Saturday, 21 October 2006 starting at 00:01 a.m. ET.**

This date satisfies the directives in Telecom Decisions CRTC 2002-25 and 2003-66 that all Canadian carriers implement changes to accommodate the provision of a new area code using the distributed overlay method for the area code 519 region.

It is recommended that Central Office Codes (NXXs) in new overlay NPA 226 not be activated in the PSTN until at least 7 days after the mandatory 10-digit dialing date above. This is necessary in order to allow for the 7 calendar day period for the implementation of the mandatory 10-digit dialing announcements as indicated above.

### **Recommended 7- to 10-Local Digit Dialing Transition Period**

The recommended start date for the 7- to 10-Digit Dialing Transition Period network announcements is **00:01 a.m. ET Saturday, 17 June 2006.**

This date satisfies the directives in Telecom Decisions CRTC 2002-25 and 2003-66 that a 7- to 10-Digit Dialing Transition Period of four months be implemented prior to the introduction of mandatory 10-digit local dialing.

In accordance with Telecom Decision CRTC 2002-25, TSPs are permitted to phase-in a 7- to 10-Digit Dialing Transition Period message during the first week of the 7- to 10-Digit Dialing Transition Period.

In addition, Telecom Decision CRTC 2002-25 directs that all TSPs are required to use clear and consistent network announcements during the 7- to 10-Digit Dialing Transition Period to remind customers of the changes to the local dialing plan. In addition, Telecom Decision CRTC 2004-62 directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period.

## **Jeopardy Contingency Plan**

As a Jeopardy Contingency Plan (JCP) was not submitted to the CISC and Commission as part of the Planning Document, the RPC has developed and is recommending the JCP attached to this RIP (see Attachment 4).

### **Rationale**

The RPC submits that this RIP was developed in accordance with the directives contained in Telecom Decision CRTC 2002-25 dated 22 April 2002, and is consistent with the Canadian NPA Relief Planning Guidelines approved by the Commission. The RPC submits that this RIP will achieve the objective of the NPA Relief Planning process to ensure an adequate supply of CO Codes and telephone numbers is always available to the Canadian telecommunications industry and users. The RPC advises that all of its meetings and conference calls have been open to the public and that interested parties have been encouraged to participate in the relief planning and implementation process. This was done in order to identify and implement relief solutions that satisfy the needs and requirements of consumers as well as the TSPs operating in the area code requiring relief.

### **Attachments:**

- 1) Consumer Awareness Program (CAP)
- 2) Network Implementation Plan (NIP)
- 3) Individual Telecommunications Service Provider Responsibilities
- 4) Jeopardy Contingency Plan (JCP)
- 5) Planning Letter

## ATTACHMENT 1

### Consumer Awareness Program (CAP)

#### Introduction

On 22 April 2002, the Commission issued Telecom Decision CRTC 2002-25, *Area code 519 relief plan*, directing relief for area code 519. In that Decision, the Commission directed the addition of a new area code to the area code 519 region in the first quarter of 2005 using the Distributed Overlay Method. The Commission ordered that 10-digit local dialing be introduced within area code 519 and in both directions between the area code 519 region and neighboring area codes, coincident with the introduction of the new area code. On 29 September 2003, in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519 to 21 October 2006. On September 27, in Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)", the CRTC approved the phasing in of the permissive 10-digit local dialing announcement commencing 17 June 2006 and ending 24 June 2006, and the phasing in of mandatory 10-digit local dialing and the related announcement commencing 14 October 2006 and ending 21 October 2006. The CRTC also directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period.

Telecom Decision CRTC 2002-25 directed the Relief Planning Committee (RPC) to develop a comprehensive and consistent CAP for relief activities in the area code 519 region, and to forward it to the CRTC Interconnection Steering Committee (CISC) no later than 1 March 2003. This task was accomplished by that date.

Accordingly, the RPC has established a Consumer Awareness Task Force (CATF) to develop and implement this CAP.

This CAP identifies key milestones and establishes completion dates as agreed to by the RPC. It is the responsibility of all Telecommunications Service Providers (TSPs) operating or intending to operate in NPA 519 or adjacent area code 705 to file their individual consumer awareness plans with the Commission in accordance with the Relief Implementation Schedule. TSPs must implement those programs in accordance with this industry CAP and submit progress reports to the CATF and RPC for inclusion in the Progress and Final Reports to be filed with the Commission. The Relief Implementation Schedule contains start and end dates for industry consumer awareness activities (see Section 5 of the Relief Implementation Plan).

In order to implement the CAP, TSPs may act individually or collectively to accomplish their objectives. However, where TSPs act collectively (e.g., 519 TSP Alliance), such TSPs are individually responsible to report their progress to the CATF and RPC.

All TSPs are required to report any major relief plan concerns as they are identified, along with proposed solutions, and to address consumer concerns reported directly to the Commission.

The RPC requested that the CATF develop a CAP in accordance with Telecom Decision CRTC 2002-25 that incorporates the following:

- 1) Develop and agree on a CAP schedule
- 2) Co-ordinate and schedule progress reports with the NITF
- 3) Identify and address CAP issues
- 4) Communications objectives
- 5) Target audiences (e.g., government, media and various business and residence market segments)
- 6) Special types of telecommunications users (e.g., alarm, apartment owners, hydro readers)
- 7) NPA-specific communications messages (i.e., 519, but also affected exchange areas in area code 705)
- 8) Communications tactics
- 9) Communications theme
- 10) Key messages

### **Communications Objectives**

The Communications Objectives of this CAP are as follows:

- 1) Increase consumer and user awareness of the introduction of the new area code and 10-digit local dialing in the 519 area as well as in affected exchange areas in neighboring area code 705 (i.e., Alliston, Barrie, Collingwood, Cookstown).
- 2) Advise customers and users of the potential need to reprogram their customer provided equipment and systems prior to the beginning of the 7- to 10-Digit Dialing Transition Period announcement period (see Relief Implementation Schedule for dates) to facilitate the transition to 10-digit local dialing.
- 3) Encourage callers to adopt 10-digit dialing for all local calls to, from, within and between area codes 519 and 226 in accordance with the timeframe in the Relief Implementation Schedule.
- 4) Provide open communication channels to address questions and concerns from residents and businesses regarding the implementation of 10-digit local dialing and the new area code.
- 5) Continue to lay the foundation for seamless addition of new area codes in the future through successful transition to 10-digit local dialing.

### **Communications Tactics**

TSPs should consider using the following tactics to accomplish their individual consumer awareness program activities. TSPs may opt to implement some or all of these tactics on their own or as part of an association with other TSPs. In the event that an association of TSPs is formed to coordinate consumer awareness activities, all TSPs operating in the affected area codes are strongly encouraged to participate in the association activities.

### Government Relations

TSPs should ensure that governmental authorities in the affected area codes are informed of the relief plan (federal, provincial and municipal governments, government offices, and elected representatives).

### Media Relations

To introduce and raise awareness of the new area code and 10-digit local dialing, TSPs should conduct an ongoing media relations campaign targeting key media (including local newspapers, broadcast media, and community publications) in area code 519 as well as affected exchange areas in neighboring area code 705. TSPs should offer spokespersons for interviews that focus on how residents and businesses can prepare for the transition and to encourage them to start getting ready now.

TSPs should determine newsworthy announcements and issue press releases accordingly. The press release program will serve to update local media on the progress of 10-digit local dialing and the introduction of the new area code.

When required, TSPs should issue a series of media alerts and public service announcements to local radio and broadcast stations to provide updated information on 10-digit local dialing.

The Canadian Numbering Administration (CNA) shall act as a spokesperson for the RPC, providing the news media and general public with basic information about the introduction of 10-digit local dialing and the new area code, and referrals to related Commission decisions and regulations.

Each TSP should identify its own spokesperson to speak on its behalf to the media.

Any alliance of TSPs may also have its own spokesperson.

### Telecommunications Service Providers' Web Sites

TSPs should provide up-to-date information about the implementation of 10-digit local dialing in the affected area codes and the new area code on their Internet web sites.

### Customer Bill Inserts & Messages

TSPs should print information on customer bills and/or distribute bill inserts to their customers advising them of the key dates for the implementation of 10-digit local dialing, the new area code, and associated changes required to customer equipment and systems.

### Advertising Campaign

TSPs should implement their own individual media advertising as necessary and voluntarily participate in a media advertising campaign coordinated with other TSPs' activities to increase awareness amongst consumers in the affected area codes. All media advertising campaigns, whether conducted individually or collectively, should

meet the objective of providing clear and consistent messages to consumers and users as established in this CAP.

#### Targeted Customer Communications

TSPs should identify and communicate directly with their customers who will be required to make major changes to their telecommunications equipment and systems to accommodate 10-digit local dialing and the new area code. Targeted communications identifying the changes required should be sent to those customers well in advance of the start date for the 7- to 10-Digit Dialing Transition Period network announcements in order to provide those customers with sufficient time to make the necessary changes. Such targeted customers may include 9-1-1 Public Safety Answering Points (PSAPs), alarm companies, Internet service providers, paging companies, unified messaging service companies, apartment building owners, and hydro meter readers.

#### Other Means of Customer Communications

TSPs should use other means (e.g., customer messaging, direct customer contacts, Interactive Voice Response, etc.), as required, to reach their customers and provide appropriate information about the implementation of 10-digit local dialing and the new area code.

#### Communications Themes and Key Messages:

The proposed theme for the CAP should be:

“New area code 226 is being added to the 519 area. Add-the-code and Dial 10-digits for all local calls to, from and within area code 519 and new area code 226.”

This theme should be reinforced with more detailed key messages in customer awareness activities:

- 1) To meet the growing demand for telecommunications services and numbers, the new area code 226 will be overlaid on top of the 519 geographic area in October 2006. The 226 area code will co-exist within the same geographic region as area code 519. There will be no change to customers' existing 519 telephone numbers. Telephone numbers beginning with the new 226 area code may be assigned for use after 21 October 2006.
- 2) Changes are required for local dialing in area codes 519 and 705 starting in June 2006. In area codes 519 and 226, 10-digit dialing will be required for all local calls. In four exchanges in area code 705 (i.e., Alliston, Barrie, Collingwood and Cookstown), 10-digit dialing will be required for local calls to area codes 519 and 226. Local calls that are both originated and terminated within area code 705 will continue to be dialed using 7-digit telephone numbers.
- 3) Customers may begin reprogramming their telecommunications equipment today to accommodate 10-digit local dialing and should have it completed by **Saturday, 17 June 2006** when 7- to 10-Digit Dialing Transition announcements will begin for local calls dialed using 7-digits to and within area code 519.



- 4) Starting on **Saturday, 17 June 2006**, local calls to, from and within area code 519 that are dialed using only 7-digits will generally be preceded by a recorded announcement reminding callers to dial 10-digits consisting of the 3-digit area code and 7-digit telephone number. Voice calls will then be automatically completed. The recorded messages may prevent local data calls dialed using only 7-digits from being completed.
- 5) Starting on **Saturday, 14 October 2006**, all local calls to, from and within area code 519 must be dialed using 10-digits consisting of the 3-digit area code and 7-digit telephone number. Commencing on that date, all local calls to, from and within area code 519 that are dialed using 7-digits will be routed to an announcement and will not be completed.
- 6) Local and long distance calling areas and prices will not change with the adoption of 10-digit local dialing to, from and within area code 519. Customers with telephone numbers in area code 226 will get the same calling areas and prices as customers with telephone numbers in the same exchange areas in area code 519.
- 7) Emergency calls (911), directory assistance (411), repair (611) and relay service (711) will continue to be dialed using 3-digits.

#### **Consumer Awareness Program Timeline**

All TSPs who have or plan to have customers in the affected area codes, must implement their own consumer awareness program activities in accordance with this CAP and associated dates contained in the Relief Implementation Schedule.

It is the responsibility of each TSP to submit its individual consumer awareness program to the Commission and to provide progress reports to the CATF on its own consumer awareness program activities so that the CATF can submit its required Progress Reports. In the event that a TSP does not submit its individual progress report to the CATF, the CATF will note this discrepancy in its progress report.

## ATTACHMENT 2

### Network Implementation Plan (NIP)

#### Introduction

On 22 April 2002, the Commission issued Telecom Decision CRTC 2002-25, *Area code 519 relief plan*, directing relief for area code 519. In that Decision, the Commission directed the addition of a new area code to the area code 519 region in the first quarter of 2005 using the Distributed Overlay Method. The Commission ordered that 10-digit local dialing be introduced within area code 519 and in both directions between the area code 519 region and neighboring area codes, coincident with the introduction of the new area code. On September 29, 2003, in Telecom Decision CRTC 2003-66, the CRTC approved the NPA 519 Relief Planning Committee recommendation to delay the Relief Date for NPA 519 to 21 October 2006. On September 27, in Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)", the CRTC approved the phasing in of the permissive 10-digit local dialing announcement commencing 17 June 2006 and ending 24 June 2006, and the phasing in of mandatory 10-digit local dialing and the related announcement commencing 14 October 2006 and ending 21 October 2006. The CRTC also directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period.

Telecom Decision CRTC 2002-25 directed the Relief Planning Committee (RPC) to develop a comprehensive and consistent Consumer Awareness Program (CAP) for relief activities in the area code 519 region, and to forward it to the CRTC Interconnection Steering Committee (CISC) by no later than 1 March 2003.

The Canadian NPA Relief Planning Guidelines require the RPC to create a Network Implementation Task Force (NITF) with a mandate to develop a NIP for implementing relief and to submit such NIP to the CISC.

Accordingly, the RPC has established a Network Implementation Task Force (NITF) to develop and implement this NIP.

This NIP addresses the introduction of 10-digit local dialing in NPA 519 and affected exchange areas in NPA 705, as well as the introduction of new overlay NPA 226 in the NPA 519 area.

The NIP identifies key milestones and establishes completion dates as agreed to by the RPC. It is the responsibility of all Telecommunications Service Providers (TSPs) operating or intending to operate in NPA 519 and affected exchange areas in adjacent area code 705 to file their individual network implementation plans with the Commission in accordance with the Relief Implementation Schedule. TSPs must implement those programs in accordance with this industry NIP and submit progress reports to the NITF and RPC for inclusion in the Progress and Final Reports to be filed by the RPC with the Commission.

All TSPs are required to report any major relief plan concerns as they are identified, along with proposed solutions, and to address consumer concerns reported directly to the Commission.

The RPC requested that the NITF develop a NIP in accordance the Canadian NPA Relief Planning Guidelines that incorporates the following:

- 1) Develop and agree on a NIP schedule
- 2) Co-ordinate and schedule progress reports with the CATF
- 3) Identify and address NIP issues
- 4) Network implementation objectives
- 5) Co-ordinate equipment modifications with special types of telecommunications users (e.g., alarm companies, apartment building owners, hydro meter readers)
- 6) NPA-specific network changes (i.e., 519, but also affected exchange areas in area code 705)
- 7) Intercarrier network and technical interfaces (e.g., test plan and test numbers, 9-1-1 impacts if any)
- 8) Recommend standard network switch announcements to be reviewed with the CATF (7- to 10-Digit Dialing Transition Period announcement and mandatory dialing announcement) for all exchange areas and NPAs affected by the Decision
- 9) Recommend phase-in and phase-out periods for standard network announcements
- 10) Recommend mandatory 10-digit dialing date
- 11) Recommend earliest effective date for activation of new CO Codes in the overlay 226 area code

### **Network Implementation Objectives**

The objectives of this NIP are as follows:

- 1) Implement the standard network announcements for 7- to 10-Digit Dialing Transition Period dialing and mandatory 10-digit dialing in accordance with the Decisions, RIP and Relief Implementation Schedule.
- 2) Make all network and interconnection modifications to implement 10-digit local dialing in NPA 519.
- 3) Make all network and interconnection modifications to implement 10-digit local dialing for all cross-NPA local calls from NPA 705 to NPA 519.
- 4) Lay the foundation for seamless addition of new area codes in the future through successful transition to local 10-digit dialing in NPA 519.

All TSPs are required to implement the necessary network changes to implement relief. This includes the introduction of 10-digit local dialing for all local calls from, to and within area code 519, the removal of CO Code protection in area codes 519 and 705 (as necessary), and the introduction of new overlay NPA 226.

Such changes include any network changes for area code 519, as well as the four affected exchange areas in area code 705 (i.e., Alliston, Barrie, Collingwood and Cookstown).

### **TSP Coordination with Special Types of Telecommunications Users**

All TSPs are requested to co-ordinate their network and service modifications with special types of telecommunications users (e.g., 9-1-1 Public Safety Answering Points (PSAPs), alarm companies, internet service providers, paging companies, owners of Customer Premises Equipment, unified messaging service companies, governments, apartment building owners, hydro meter readers). This is necessary in order to ensure a smooth and timely transition to 10-digit local dialing in the affected NPAs, and the introduction of the new 226 overlay NPA.

### **Test Codes, Numbers & Plans**

All TSPs are required to modify their networks, systems databases, and operator services and directory assistance databases, to accommodate 10-digit local dialing and the new 226 overlay NPA as per the Relief Implementation Schedule.

Test plans, if required, should be arranged on a bilateral basis between interconnecting TSPs in accordance with bilateral agreements.

In preparation for the start of inter-carrier testing, all TSPs are expected to complete modifications to their networks, systems databases, and Operator Services and Directory Assistance databases, as necessary and per the Implementation Schedule contained to facilitate intercarrier testing.

Test numbers in the new 226 overlay NPA will permit all carriers and other entities to test their equipment and ensure that the proper network changes have been made to route calls to each carrier operating in the new NPA. The test numbers shall permit TSPs and users to test their equipment without having to incur toll charges.

The following carriers have agreed to provide test numbers in the new 226 overlay NPA as follows:

- Bell Canada
- Allstream

Other carriers may request and receive test CO Codes and numbers for publication in the Test Plan, in accordance with the timeframe contained in the Relief Implementation Schedule.

The test numbers must be activated in all networks by the date in the Relief Implementation Schedule and remain active until at least one month after the Relief Date.

The test CO Codes used for the test numbers must be returned to the CNA in accordance with the Relief Implementation Schedule. The CNA shall initiate CO Code reclamation in accordance with the Canadian Central Office (NXX) Code Assignment Guidelines for all CO Codes allocated for testing purposes in the event that such CO Codes are not returned by the above carriers to the CNA in accordance with the Relief Implementation Schedule.

The standard network announcement for the test number must be as follows:

“You have successfully completed a call to the **226** Area Code Test Number at [INSERT CARRIER NAME HERE] in southwestern Ontario, Canada.”

In addition to the above, TSPs may request other test CO Codes in NPA 226 for test purposes within their own networks during the relief implementation timeframe, in accordance with the Canadian Central Office Code (NXX) Assignment Guidelines.

Some TSPs have already implemented 10-digit local dialing on a permissive dialing basis in their networks (e.g., Bell Canada).

### **Recommended Mandatory 10-Digit Dialing Date**

The recommended mandatory 10-digit dialing date is **00:01 a.m. ET Saturday, 14 October 2006**.

In Telecom Decision CRTC 2002-25, the Commission directed that where 10-digit local dialing has not already been implemented, 10-digit local dialing will be introduced on all local calls from, to and within area code 519, coincident with the introduction of the new area code. This recommended mandatory 10-digit dialing date satisfies the directive in Telecom Decision CRTC 2002-25 as mandatory 10-digit local dialing is being implemented coincident with the implementation of the new 226 overlay area code in the first quarter of 2005.

In accordance with Telecom Decision CRTC 2002-25, TSPs are permitted to phase-in a mandatory dialing message during the week prior to the introduction of the new area code. Accordingly, the RPC requests that all TSPs phase-in the mandatory 10-digit dialing announcement over a 7 calendar day period commencing on the mandatory 10-digit dialing date (coincident with the phase-out of the 7- to 10-Digit Dialing Transition Period announcement).

### **Recommended Date for CO Code Activation for NPA 226**

The recommended Effective Date for the introduction of the new NPA 226 is **Saturday, 21 October 2006, starting at 00:01 a.m. ET**.

This date satisfies the directives in Telecom Decisions CRTC 2002-25 and 2003-66 that all Canadian carriers implement changes to accommodate the provision of a new area code using the distributed overlay method for the area code 519 region.

It is recommended that Central Office Codes (NXXs) in new overlay NPA 226 not be activated in the PSTN until at least 7 calendar days after the mandatory 10-digit dialing date.

### **Recommended 7- to 10-Digit Dialing Transition Period**

The recommended start date for the 7- to 10-Digit Dialing Transition Period for network announcements is 00:01 a.m. ET, **Saturday, 17 June 2006**.

This date satisfies the directive in Telecom Decision CRTC 2002-25 that a 7- to 10-Digit Dialing Transition Period of four months be implemented prior to the introduction of mandatory 10-digit local dialing, during which subscribers can make local calls using 7 or 10 digits.

In accordance with Telecom Decision CRTC 2002-25, TSPs are permitted to phase-in a 7- to 10-Digit Dialing Transition Period message during the first week of the 7- to 10-Digit Dialing Transition Period. Accordingly, the RPC requests that all TSPs phase-in the 7- to 10-Digit Dialing Transition Period announcement over a 7 calendar day period commencing on the start date above.

In addition, Telecom Decision CRTC 2002-25 directs that all TSPs are required to use clear and consistent network announcements during the 7- to 10-Digit Dialing Transition Period to remind customers of the changes to the local dialing plan.

### **9-1-1 Service**

The introduction of 10-digit local dialing in NPA 519 and affected exchange areas in neighboring NPA 705, is not expected to have any impact on the dialing of the 9-1-1 abbreviated dialing number nor the routing of emergency calls to the appropriate Public Service Answering Point (PSAP).

The introduction of the new 226 overlay NPA may have an impact on 9-1-1 service, trunking and systems.

TSPs who intend to provide service using CO Codes in NPA 226 or to port numbers into their switch from NPA 226, shall establish 9-1-1 trunking and associated interconnection arrangements as per existing interconnection agreements. TSPs that provide 9-1-1 networking services to any PSAP shall establish 9-1-1 trunking and associated interconnection arrangements as per existing interconnection agreements. These arrangements shall be made prior to the relief date upon request of TSPs, and provided that these arrangements are in accordance with the timelines, terms and conditions set out in existing interconnection agreements.

The existing procedure for implementing new TSP trunk groups for 9-1-1 traffic, including testing with Bell Canada's 9-1-1 Control Center, should be used. All TSP related changes that impact 9-1-1 must be completed in accordance with the Relief Implementation Schedule.

### **Payphone Service Providers**

It is the responsibility of each Payphone Service Provider to update any system associated with the operation of their payphones in order to accommodate the new 226 overlay area code and local 10-digit dialing. As well, each Payphone Service Provider must update any written instructions affixed to their payphones to advise customers that 10-digit dialing is required for local calls.

It is recommended that Commission staff notify Payphone Service Providers of the implementation of the new 226 overlay area code.

### **International Gateway Service Providers**

International Gateway Service Providers are responsible to implement changes to their network in order to accommodate the new 226 overlay area code.

It is recommended that Commission staff notify Canadian International Gateway Service Providers of the implementation of the new 226 overlay area code.

### **Intra Carrier Network and Customer Interface**

All TSPs must make and test the necessary internal system, network and customer interface changes as per the Relief Implementation Schedule in order to accommodate 10-digit local dialing and the introduction of the new 226 overlay area code.

All TSPs are required to implement the necessary network changes to route traffic to/from the new area code. Switch translations must be updated and modified in all TSPs' networks in order to process calls to/from the new 226 area code.

Each TSP is responsible for determining the impact of the 10-digit local dialing and the 226 overlay on its operations and the products and services it provides to its own customers. Each TSP is responsible for making all necessary modifications to ensure service will be maintained during and after the relief implementation period for its own customers. Furthermore, TSPs shall notify all of their customers of the introduction of the new 226 overlay area code and 10-digit local dialing in accordance with the CAP (see Attachment 2).

### **Standard Network Switch Announcements**

All carriers operating in NPA 519 and affected exchange areas in NPA 705 must implement the following standard network announcements, where necessary, in accordance with the dates contained in the Relief Implementation Schedule. Commencing on the mandatory 10-digit dialing date identified in the Relief Implementation Schedule, TSPs must not accept 7-digit dialed calls to local telephone numbers from their customers with the exception of numbers in CO Codes approved by the Commission that can be dialed using 7-digits (e.g., 950-XXXX, 555-XXXX, 310-XXXX). Appropriate 10-digit routing between networks and network announcements must be implemented by each TSP.

All TSPs are expected to provision appropriate capacity on their announcement systems to provide these announcements for a reasonable quantity of call traffic. This is necessary in order to provide callers with appropriate instruction about the new dial plan and to ensure a smooth transition to mandatory 10-digit dialing prior to the introduction of the new overlay NPA 226. However, it is recognized that in peak calling periods the quantity of calls dialed using 7 digits may exceed the network announcement capacity available. In such circumstances, TSPs should process such calls without the 7/10-digit dialing announcements in order to protect the network and ensure customers are not adversely affected.

The RPC has reviewed the direction of the CRTC contained in Telecom Decision CRTC 2004-62, "NPA 519 Relief Plan (Southwestern Ontario)". The CRTC directed the RPC to file, by 29 October 2004, a revised relief implementation plan, which must

include a single announcement text to be used by all telecommunications service providers in area code 519 during the permissive 10-digit local dialing period and a single announcement text to be used during the mandatory 10-digit local dialing period. Accordingly, the RPC recommends the use of the following standard network announcement texts by all TSPs operating in NPA 519. These announcement texts are the NPA 514 announcement texts previously approved by the CRTC. The RPC notes that there is no requirement to use the French language translation for the announcement texts for NPA 519.

#### Permissive Dialing Announcement

The local number you have dialed must be preceded by its area code. Your call will now proceed. For future calls to this number, please dial the area code.

Le numéro local que vous avez composé doit être précédé de son indicatif régional. Votre appel sera maintenant acheminé. Lors d'appels subséquents au même numéro, veuillez composer l'indicatif régional.

#### Mandatory 10-Digit Dialing Announcement

The local number you have dialed must be preceded by its area code. This call cannot be completed as dialed. Please hang up and redial using the area code.

Le numéro local que vous avez composé doit être précédé de son indicatif régional. Votre appel ne peut être établi. Veuillez raccrocher et recommencer en composant l'indicatif régional.

If at any time a TSP desires to use any announcement text that differs from that identified above, then the TSP shall submit the revised announcement text to the CRTC or CRTC staff for approval.

The mandatory 10-digit dialing announcement should be retained on all networks for a minimum period of 3 months.

After the mandatory 10-digit dialing announcement period ends, each carrier's standard announcement should be used for all calls dialed using 7 digits (e.g., "Your call cannot be completed as dialed. Please check the number and try your call again. This is a recording.>").

With respect to treatment of calls and application of announcements during the permissive dialing period, all carriers must comply with the following arrangements.

- a) It is the responsibility of each TSP to implement the appropriate network switch announcement for all calls originating on their own network.
- b) Commencing on the start date for the permissive dialing period, each TSP must implement its own announcements where necessary for all 7-digit dialed calls originated by its own customers on its network. All TSPs must route such 7-digit dialed calls to other TSPs only in a 10-digit format.



- c) Commencing on the mandatory 10-digit dialing date identified in the Relief Implementation Schedule, TSPs must not accept 7-digit dialed calls to local telephone numbers from their customers with the exception of numbers in CO Codes approved by the Commission that can be dialed using 7-digits (e.g., 950-XXXX, 555-XXXX, 310-XXXX). Appropriate 10-digit routing between networks and network announcements must be implemented by each TSP. Announcements stated above will be used to advise the customer to hang up and redial again in a 10-digit format.

**Network Implementation Plan Timeline**

All TSPs who have or plan to have customers in the affected area codes, must implement their own network implementation plan activities in accordance with this NIP and associated dates contained in the Relief Implementation Schedule.

It is the responsibility of each TSP to provide progress reports to the NITF on its own network implementation plan activities so that the NITF can submit its required Progress Reports. In the event that a TSP does not submit its individual progress report to the NITF, the NITF will note this discrepancy in its Progress Report.

**Dial Plan Changes**

The dial plan for calls originating from NPA 519 will change as follows:

**NPA 519 Dial Plan Changes**

NPA	Local Dial Plan		Toll Dial Plan	Toll Dial Plan
	Current	Future	Current	Future
519	7 digits	<b>10 digits</b>	1 + 10 digits	1 + 10 digits

The dial plan for calling within the four exchange areas in NPA 705 identified in Appendix 2 to the Planning Letter (Attachment 5) that currently have 7-digit local dialing into NPA 519 will change as follows:

**NPA 705 Four Exchanges Dial Plan Changes**

Local Dial Plan		Toll Dial Plan	Toll Dial Plan
Current	Future	Current	Future
- 7 digits for all local calls within 705 and to 519 (Note A) - 10 digits for all local calls into 905/289 for Alliston and	- 7 digits for all local calls within 705 <b>- 10 digits for all local calls into 519/226</b> - 10 digits for all local calls into	1 + 10 digits	1 + 10 digits

Cookstown only	905/289 for Alliston and Cookstown only		
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Note A 7-digit local cross-NPA dialing currently exists for local calls from the following exchange areas in NPA 705 to the following exchange areas in neighboring NPA 519:

- Alliston, Barrie, and Cookstown in 705 to Shelburne in 519;
- Collingwood in 705 to Feversham in 519 and to Thornbury in 519.

The following table summarizes the quantity of exchange areas in neighboring NPA 705 that currently have 7-digit cross-NPA local dialing into NPA 519. Appendix 2 to the Planning Letter (Attachment 5) contains a detailed list of exchanges in neighboring area codes that currently have 7-digit cross-NPA boundary local dialing into NPA 519.

<b>NPA 705 with 7-Digit Local Dialing Into NPA 519</b>			
<b>From NPA</b>	<b>To NPA</b>	<b>Quantity of Exchange Areas</b>	<b>NPA 705 Exchange Areas</b>
705	519	4	Alliston Barrie Collingwood Cookstown

### **ATTACHMENT 3**

#### **Individual Telecommunications Service Provider Responsibilities**

Each Telecommunications Service Provider (TSP) is responsible to make the necessary changes in their information/operation support systems for the operation, maintenance, control, and administration of its network and to serve its customers. Accordingly, no activities have been identified in the Relief Implementation Plan (RIP) for the coordination of these functions between different TSPs. Such "internal" systems include, but are not limited to, the following functions:

- Operations Support
- Products & Services
- Marketing & Sales
- Carrier Services
- Network Planning & Provisioning
- Network Operations
- Service Assurance
- Billing
- Financial Systems
- Customer Care & Customer Services (e.g., Business Offices)
- Operator Services
- Directories
- Direct Marketing Centers
- Quality Control
- Service Provisioning & Activation
- Repair Services
- Human Resources/Logistics
- Corporate Information Databases
- Customer Provided Equipment Reprogramming, Upgrades and Testing

## ATTACHMENT 4

### Jeopardy Contingency Plan

The Relief Planning Committee (RPC) has developed the following Jeopardy Contingency Plan (JCP), based on the template contained in Appendix I to the Canadian NPA Relief Planning Guidelines, for inclusion in the Relief Implementation Plan (RIP) for NPA 519.

The following measures shall be implemented by all CO Code Holders and Telecommunications Service Providers (TSPs) in NPA 519 once approved by the Canadian Radio-television and Telecommunications Commission (CRTC) and following the declaration of a Jeopardy Condition by the Canadian Numbering Administrator (CNA).

- 1) During a Jeopardy Condition, Code Applicants shall submit all code applications and related correspondence for the Jeopardy NPA to CRTC staff in addition to the CNA. The CNA will work closely with CRTC staff in the analysis of these applications.
- 2) TSPs will implement the following conservation methods when a Jeopardy Condition is declared:
  - a) age disconnected residential telephone numbers for a maximum of two months;
  - b) age disconnected wireless telephone numbers for a maximum of three months;
  - c) age disconnected business telephone numbers for a maximum of six months. Under special circumstances, the six month aging limit for business telephone numbers may be extended to twelve months if required to accommodate local directory publishing dates for high volume call-in applications (e.g., heavily advertised local business numbers such as radio talk shows, food ordering services, ticket sales, chat lines), or for numbers associated with public service emergency applications or for numbers advertised in directories for which customers have requested reference of calls;
  - d) return all CO Codes that are not being used nor intended to be used to directly serve customers to the assignment pool within two months (e.g., plant test codes);
  - e) all CO Code Holders should work towards, and encourage existing customers, to either activate or return the reserved numbers in order to bring the reserved quantity down to a maximum of 10% of the quantity of numbers In-Service for that customer within a single Switching Entity/Point of Interconnection (POI) in a single exchange;
  - f) the quantity of reserved numbers shall not be increased by new reservation requests by existing customers to more than 10% of the quantity of numbers in service for that customer. In the case of new customers, number reservations shall be limited to 10% of the total quantity of telephone numbers being placed into service for that customer;

- g) within 45 days from the date that the CNA declares a Jeopardy Condition, CO Code Holders shall submit a Part 1 Form for each remaining reserved CO Code either returning the reserved CO Code to the CNA or requesting assignment of the reserved CO Code;. Once the 45-day period has elapsed, the CNA shall make any reserved CO Codes that have not been assigned and for which it has not received a Part 1 Form, available for general assignment. Within 60 days from the date that the CNA declares a Jeopardy Condition, the CNA shall report to CRTC staff and the RPC as to how many of these Codes have been assigned or made available for general assignment.
  - h) new reservations of CO Codes in the existing NPA for TSPs will not be permitted until NPA relief is provided.
  - i) for all CO Codes that were assigned prior to the Jeopardy Condition being declared, the CO Codes must be placed In-Service within three months of the effective date for CO Code activation in the network, or within three months of the date that the Jeopardy Condition was declared. The CNA shall initiate reclamation procedures for all CO Codes that have not been placed In-Service within this timeframe.
  - j) reclaimed CO Codes will be made available for general assignment after a three-month aging period commencing on the date of deletion of the ACD screen from the BIRRDs database.
- 3) For new applications for Initial Codes, each CO Code Holder shall certify that the CO Code will be activated in the Public Switched Telephone Network (PSTN) and placed In-Service within four months of the date of application for the Code. If the CNA does not receive a Part 4 Form within this timeframe, confirming that the CO Code has been placed In-Service, the CNA will initiate reclamation measures. If the Code Holder can demonstrate that, due to circumstances beyond its control, that the In-Service date has been delayed not more than six months from the original application date, then the CNA may grant an extension to the In-Service date, so long as the In-Service date is not more than six months beyond the original application date. If the In-Service date has been delayed more than six months from the original application date, then the CNA shall reclaim the Code.
- 4) When applying for a CO Code for growth, CO Code Holders shall, for the switching entity/POI:
- a) complete and submit the attached Telephone Number Utilization Report Form;
  - b) certify that all held telephone numbers have been released;
  - c) certify that reserved numbers do not exceed ten percent of the total quantity of numbers;
  - d) certify that all existing CO Codes per service provided by that switching entity or POI, are projected to exhaust within four months and provide supporting documentation (i.e., complete Appendix B Months to Exhaust Certification Worksheet); and,
  - e) certify that each reseller's/dealer's inventory has been reduced to an amount equal to two times the highest month's end customer number assignment rate from the previous year for that reseller/dealer. This certification must be provided at the time of applying for a CO Code for

growth or within 60 days from the date that the CNA declares a Jeopardy Condition, whichever is later. In the event that the Code Applicant does not submit the certification within 60 days of the date the CNA declares a Jeopardy Condition, then the CNA shall advise Commission staff. Exceptional issues (e.g., inventory provision for start-up resellers/dealers, inventory provision for resellers/dealers that anticipate activations in excess of historical trends, and resellers/dealers that refuse to cooperate in reducing their inventories) may be referred to the Commission for resolution.

- 5) Any CO Codes for growth that are requested and assigned after the implementation of this JCP must be activated in the PSTN and placed In-Service within four months of assignment. In the event that a CO Code Holder is unable to place the CO Code In-Service within four months of the date of assignment, the CO Code Holder must submit a written request for extension to the CNA. Such written requests must include documentation explaining the reason(s) for the missed date and proposing the new In-Service date. If the explanation includes reasons beyond the control of the CO Code Holder, the CNA may extend the In-Service date a maximum of one month. If the CO Code Holder does not place the CO Code In-Service within the one-month extension, the CNA shall reclaim the CO Code immediately at the end of the one-month extension.
- 6) A TSP that has multiple switching entities within an exchange area shall examine the possibility of, and implement where feasible, number sharing between those switches as a potential method to delay requirements for additional CO Codes.
- 7) The CNA will compare each TSP's initial Jeopardy Numbering Resource Utilization Survey (J-NRUF) input to past NRUF and Central Office Code Utilization Survey (COCUS) inputs, in order to assess forecasting trends. The CNA shall monitor all inputs and shall test them for reasonableness in consultation with the TSP. If the CNA is dissatisfied with the reasonableness, or the rationale provided for the deviations, then the CNA shall refer the matter to the Commission.
- 8) The CNA will request subsequent J-NRUF input from all potential and current CO Code Holders quarterly until 3 months before relief is provided. The initial J-NRUF input will be used as a baseline for comparison of subsequent J-NRUF inputs as well as to evaluate the effectiveness of the JCP. The CNA shall monitor all J-NRUF inputs and shall test them for reasonableness in consultation with the TSP. If the CNA is dissatisfied with the reasonableness, or the rationale provided for the deviations, then the CNA shall refer the matter to the Commission.
- 9) In the absence of a J-NRUF from a Code Holder or new entrant, the CNA will request a complete J-NRUF from that entity prior to the assignment of an Initial CO Code from the pool of CO Codes set aside for Initial Code Applicants.
- 10) When a CO Code Applicant requests more CO Codes than it identified in its most recent J-NRUF forecast, the CNA will discuss the matter with the Code Applicant and if the Code Applicant wishes to proceed with the request, the CNA will forward the request to CRTC staff for consideration.

- 11) The CO Codes identified in the NPA CO Code Inventory Chart as “Assignable CO Codes in a Jeopardy Condition” will be assigned in the order determined by the RPC after all CO Codes which are “Available for Assignment” at the time the Jeopardy Condition is declared, have been assigned.
- 12) After each J-NRUF, the CNA shall provide the Commission and the RPC participants with a report providing an updated NPA CO Code Inventory Chart for the NPA in Jeopardy as well as the aggregate results of the most recent J-NRUF.
- 13) This JCP shall remain in effect until NPA Relief has been implemented.
- 14) Exceptional issues or concerns may be referred by the CNA, or by individual entities (with a courtesy copy to the CNA), to the Commission for resolution.
- 15) If the CNA determines that the implementation of the JCP has not extended the Projected Exhaust Date of the NPA beyond the Relief Date, then it is anticipated that further CO Code conservation and assignment procedures will be ordered by the Commission (e.g., rationing, lottery, etc.).

### NPA 519 CO Code Inventory Chart

The Chart below will be completed in the event the CNA declares a Jeopardy Condition.

The Chart shown below summarizes the status of CO Codes in NPA 519 as at [CNA ENTER DATE HERE]. It identifies 23 “Unassignable” and 11 “Assignable CO Codes in the Jeopardy Condition”. The “Assignable CO Codes in the Jeopardy Condition” shall only be made available for assignment in the event that all other CO Codes available for assignment are assigned. The order of assignment of the “Assignable CO Codes in the Jeopardy Condition” would be as indicated in the Chart.

<b>NPA 519 CO Code Inventory Chart</b>		
<b>A</b>	<b>Total CO Codes In an NPA (NXX format)</b>	<b>800</b>
	<b>Unassignable CO Codes:</b>	
	N11 Service Codes (211, 311, 411, 511, 611, 711, 811, 911)	8
	Special Use Codes (555, 950 & 976)	3
	Protected Codes	0
	Home NPA(s) (XXX)	1
	Reserved NPAs for Future Relief of Home NPA (see note 1)	2
	Current Neighboring NPA (see note 2)	3
	Reserved NPAs for Future Relief of Neighboring NPAs	2
	Plant Test Codes (958 & 959)	2
	Special 7-digit Dialing Codes (610 & 810)	2
<b>B</b>	<b>Subtotal</b>	<b>23</b>
<b>C</b>	<b>Net (C=A-B)</b>	<b>777</b>
	<b>Assignable CO Codes in a Jeopardy Condition:</b>	
	911 Misdial Codes (912, 914 & 915) (assign 1st)	3
	N00 Codes (assign 2 <sup>nd</sup> )	8
<b>D</b>	<b>Subtotal</b>	<b>11</b>
<b>E</b>	<b>Net (E=C-D)</b>	<b>766</b>
<b>F</b>	Assigned Codes as of dd/mm/yyyy	
<b>G</b>	<b>Net (G=E-F)</b>	
<b>H</b>	Codes Set Aside for Initial Code Applicants	<b>15</b>
<b>I</b>	<b>Available for Assignment as of dd/mm/yyyy (I=G-H)</b>	
<b>J</b>	<b>Available for Assignment in Jeopardy Condition (J=D+I)</b>	

- (1) The CNA advises that this NPA will exhaust 1 time over the 20 year forecast period. The quantity of NPAs identified in the Reserved NPAs for Future Relief of Home NPA reflects the requirements above.
- (2) Current Canadian neighboring NPAs are: 905/289 and 705.



**Telephone Number Utilization Report**

Entity Name &  
 OCN: \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-Mail : \_\_\_\_\_  
 Date : \_\_\_\_\_

Contact name: \_\_\_\_\_  
 City, Prov/Terr, Postal code: \_\_\_\_\_  
 Facsimile: \_\_\_\_\_

Telephone Number Utilization for: 

Switch/POI CLLI:	
Exchange Name	Province / Territory :

NPA	NXX	Portable (Y or N)	Quantities of Telephone Numbers							% Utilization
			Reseller Inventory	Assigned	R&H	Admin	Ported Out	Available	Aging	
<b>TOTAL</b>										

% Utilization = (Reseller Inventory+Assigned+R&H+Admin+Ported Out+Aging)/(100\*No of NXXs)

## ATTACHMENT 5

### Planning Letter

Number: PL-NANP-XXX

Date: DD MMM YYYY

From: NANP-A

Subject: NPA 226 To Overlay NPA 519 (Southwestern Ontario, Canada)

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In Telecom Decision CRTC 2002-25, *Area code 519 relief plan* dated 22 April 2002, the Canadian Radio-television and Telecommunications Commission (CRTC) approved the introduction of a new area code in the southwestern Ontario, Canada region currently served by area code 519. The new area code will be implemented in a "distributed overlay" over the exchanges that comprise the current 519 area code. The North American Numbering Plan Administration (NANPA) has assigned NPA code 226 for this purpose. In Telecom Decision CRTC 2003-66, the CRTC approved the revised Relief Date of **21 October 2006** for the implementation of NPA 226.

The new 226 NPA will serve the same geographic area as the existing 519 NPA in Southwestern Ontario, Canada, including the cities of Brantford, Cambridge, Chatham, Goderich, Guelph, Kitchener-Waterloo, London, Orangeville, Owen Sound, Sarnia, Simcoe, Stratford, Windsor and Woodstock. A map showing the area served by the 519 and 226 NPAs is attached.

Commencing on **17 June 2006** starting at 00:01 a.m. ET, callers dialing using only 7 digits will be provided with a network announcement notifying them to dial local calls using 10-digits, followed by automatic completion of the call. All Canadian carriers operating in NPA 519 will implement a network announcement during the period **14 – 21 October 2006**. This announcement will be maintained for calls dialed on a 7-digit basis until mandatory local 10-digit dialing is introduced on **14 October 2006** starting at 00:01 a.m. ET.

After the beginning of mandatory local 10-digit dialing on **14 October 2006** starting at 00:01 a.m. ET, a network announcement will be activated for 7-digit dialed calls informing the caller that local 10-digit dialing is required and directing the caller to hang up and redial using the area code plus the 7-digit number they are calling. All Canadian carriers operating in NPA 519 will implement a network announcement during the period **14 – 21 October 2006**.

The dialing plan for the 519/226 overlay area will be as follows:

- All local calls, including Extended Area Service calls, originating within the 519/226 overlay area must be dialed with 10-digits; i.e., NPA-NXX-XXXX.

- Toll and alternately billed service calls within the 519/226 overlay area will continue to be dialed with 10-digits after the appropriate prefix digit(s).

In area code 705, the dialing plan for the four exchange areas Alliston, Barrie, Collingwood and Cookstown will be changed as follows:

- All local calls originating within the four exchanges identified above and terminating in the 519/226 overlay area must be dialed using 10-digits; i.e., NPA-NXX-XXXX.

All international and domestic Telecommunications Service Providers (TSPs) should ensure that the new 226 NPA code is activated throughout their networks prior to **17 June 2006**.

The following Test Numbers for NPA 226 will be made available for testing purposes effective **15 April 2006**. Test calls to verify routing to the new 226 NPA can be made by dialing the TEST numbers. Test calls to verify billing system operations using answer supervision to the new 226 NPA can be made by dialing the BILL numbers.

<u>Carrier</u>	<u>Test Number</u>
MTS Allstream	226-810-8378 (TEST)
Bell Canada	226-610-8378 (TEST)
Bell Canada	226-610-2455 (BILL)

Calls successfully completed to the test numbers will receive the following standard recorded announcement:

“You have successfully completed a call to the 226 Area Code Test Number at [CARRIER NAME] in southwestern Ontario, Canada”.

The Test Numbers will be disconnected between 21 November 2006 and 21 December 2006.

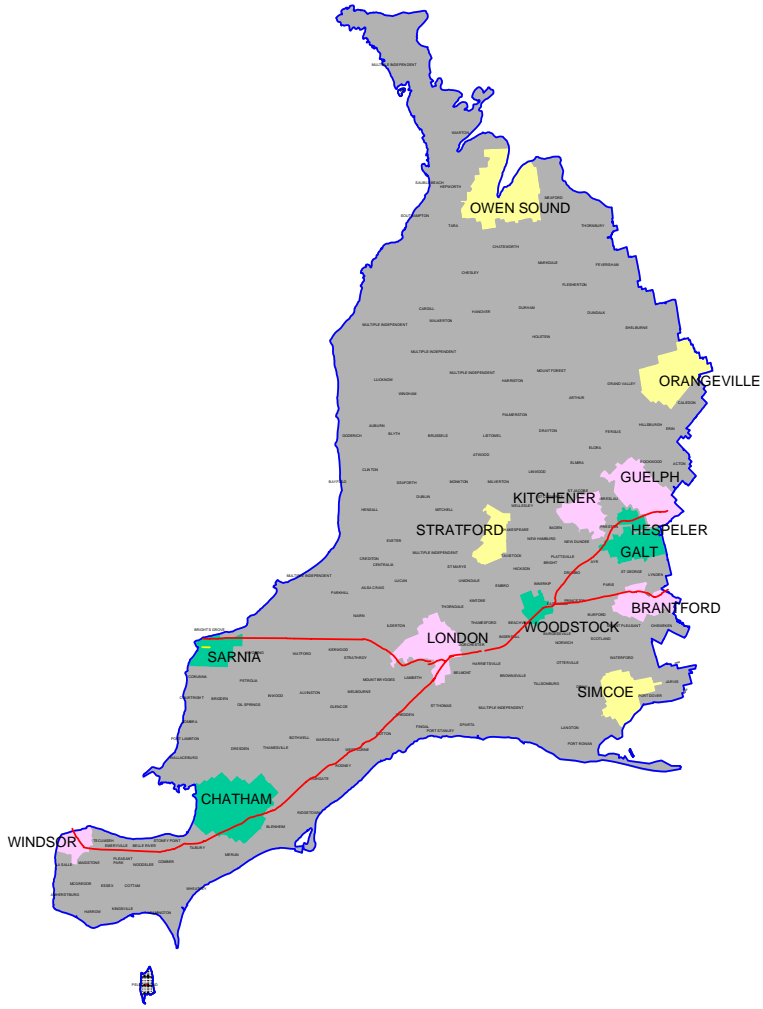
Central Office (NXX) Codes within the new 226 NPA may be assigned to TSPs after **21 April 2006** (i.e., six months prior to the relief date of **21 October 2006**), however, assigned codes cannot be activated in the PSTN prior to **21 October 2006**.

General questions about this relief activity or Central Office Code Administration may be directed to Glenn Pilley or Suresh Khare, CNA, at 613-563-7242. Technical questions should be directed to the appropriate TSP.

John Manning  
North American Numbering Plan Administration

Appendices

Map of NPA 519



**Exchange Areas in NPA 705 with 7 Digit Local Dialing Into NPA 519**

<b>EXCHANGE AREAS IN NPA 705 WITH 7 DIGIT LOCAL DIALING INTO NPA 519</b>				
<b>EXCHANGE</b>	<b>TELCO NAME</b>	<b>NPA</b>	<b>NXXs</b>	<b>7-DIGIT DIALING TO 519 EXCHANGES</b>
Alliston <sup>1</sup>	Bell Canada	705	434, 435, 440	Shelburne
Barrie	Bell Canada	705	241, 321, 331, 333, 512, 623, 627, 715, 716, 717, 718, 719, 720, 721, 722, 725, 726, 727, 728, 730, 733, 734, 735, 737, 739, 770, 790, 791, 792, 794, 795, 796	Shelburne
Collingwood	Bell Canada	705	441, 443, 444, 445, 446, 606, 607	Feversham, Thornbury
Cookstown <sup>2</sup>	Bell Canada	705	458	Shelburne

<sup>1</sup> Alliston currently has 7-d local dialing into the exchanges of Beeton and Tottenham in NPAs 289/905. Mandatory 10 digit local dialing will be implemented from Alliston to Beeton and Tottenham on 16 November 2002 in accordance with CRTC Order 2001-840.

<sup>2</sup> Cookstown has 7 digit local dialing into the exchanges of Beeton and Bradford in NPAs 289/905. Mandatory 10 digit local dialing will be implemented from Cookstown to Beeton and Bradford on 16 November 2002 in accordance with CRTC Order 2001-840.

**Exchange Areas in NPA 519 with 7-Digit Local Dialing Into NPA 705**

<b>EXCHANGE AREAS IN NPA 519 WITH 7 DIGIT LOCAL DIALING INTO NPA 705</b>				
<b>EXCHANGE</b>	<b>TELCO NAME</b>	<b>NPA</b>	<b>NXXS</b>	<b>7-DIGIT DIALING TO 705 EXCHANGES</b>
Feversham	Bell Canada	519	922	Collingwood
Shelburne	Bell Canada	519	925	Alliston, Barrie, Cookstown
Thornbury	Bell Canada	519	599	Collingwood

## NPA 519 Exchange Areas

## NPA 519 EXCHANGE AREAS

<b>EXCHANGE AREA (BIRDS RATE CENTER FIELD)</b>	<b>EXCHANGE AREA NAME (BIRDS RATE CENTER NAME FIELD)</b>	<b>TELCO NAME</b>
ABERARDER	ABERARDER	People's Telephone Company of Forest Inc
ACTON	ACTON	Bell Canada
AILSACRAIG	AILSA CRAIG	Bell Canada
ALVINSTON	ALVINSTON	Bell Canada
ALVITNIDNT	ALVINSTON INDEPENDANT	Brooke Telecom Cooperative Ltd
AMHERSTBG	AMHERSTBURG	Bell Canada
ARKONA	ARKONA	People's Telephone Company of Forest Inc
ARTHUR	ARTHUR	Bell Canada
ATWOOD	ATWOOD	Bell Canada
AUBURN	AUBURN	Bell Canada
AYLMER	AYLMER	Amtelecom Inc
AYR	AYR	Bell Canada
AYTON	AYTON	Wightman Telephone Ltd
BADEN	BADEN	Bell Canada
BAYFIELD	BAYFIELD	Tuckersmith Communications Cooperative Ltd
BEACHVILLE	BEACHVILLE	Bell Canada
BELLERIVER	BELLERIVER	Bell Canada
BELMONT	BELMONT	Bell Canada
BLENHEIM	BLENHEIM	Bell Canada
BLYTH	BLYTH	Bell Canada
BOTHWELL	BOTHWELL	Bell Canada
BRANTFORD	BRANTFORD	Bell Canada
BRESLAU	BRESLAU	Bell Canada
BRIGDEN	BRIGDEN	Bell Canada
BRIGHT	BRIGHT	Bell Canada
BRIGHTSGRV	BRIGHTS GROVE	Bell Canada
BROWNSVL	BROWNSVILLE	Bell Canada
BRUSSELS	BRUSSELS	Bell Canada
BURFORD	BURFORD	Bell Canada
BURGESSVL	BURGESSVILLE	Hurontario Telephones Ltd
CALEDON	CALEDON	Bell Canada
CARGILL	CARGILL	Bell Canada
CENTRALIA	CENTRALIA	Bell Canada
CHATHAM	CHATHAM	Bell Canada
CHATSWORTH	CHATSWORTH	Bell Canada
CHESLEY	CHESLEY	Bell Canada
CLIFFORD	CLIFFORD	Wightman Telephone Ltd
CLINTNIDNT	CLINTON INDEPENDANT	Tuckersmith Communications Cooperative Ltd
CLINTON	CLINTON	Bell Canada
COMBER	COMBER	Bell Canada
CORUNNA	CORUNNA	Bell Canada
COTTAMIDNT	COTTAM INDEPENDANT	Gosfield North Communications Cooperative Ltd
COURTRIGHT	COURTRIGHT	Bell Canada
CREDITON	CREDITON	Bell Canada

## NPA 519 EXCHANGE AREAS

<b>EXCHANGE AREA (BIRDS RATE CENTER FIELD)</b>	<b>EXCHANGE AREA NAME (BIRDS RATE CENTER NAME FIELD)</b>	<b>TELCO NAME</b>
DASHWOOD	DASHWOOD	Hay Communications Cooperative Ltd
DELHI	DELHI	Bell Canada
DORCHESTER	DORCHESTER	Bell Canada
DRAYTON	DRAYTON	Bell Canada
DRESDEN	DRESDEN	Bell Canada
DRUMBO	DRUMBO	Bell Canada
DUBLIN	DUBLIN	Bell Canada
DUNDALK	DUNDALK	Bell Canada
DUNGANNON	DUNGANNON	Huron Telecommunications Cooperative Ltd
DURHAM	DURHAM	Bell Canada
DUTTON	DUTTON	Bell Canada
DYER BAY	DYER BAY	Amtelecom Inc
EASTWOOD	EASTWOOD	Bell Canada
ELMIRA	ELMIRA	Bell Canada
ELORA	ELORA	Bell Canada
EMBRO	EMBRO	Bell Canada
EMERYVILLE	EMERYVILLE	Bell Canada
ERIN	ERIN	Bell Canada
ESSEX	ESSEX	Bell Canada
EXETER	EXETER	Bell Canada
FERGUS	FERGUS	Bell Canada
FEVERSHAM	FEVERSHAM	Bell Canada
FINGAL	FINGAL	Bell Canada
FLESHERTON	FLESHERTON	Bell Canada
FOREST	FOREST	People's Telephone Company of Forest Inc
GALT	GALT	Bell Canada
GLENCOE	GLENCOE	Bell Canada
GODERICH	GODERICH	Bell Canada
GORRIE	GORRIE	Wightman Telephone Ltd
GRAND BEND	GRAND BEND	Hay Communications Cooperative Ltd
GRAND VLY	GRAND VALLEY	Bell Canada
GRANTON	GRANTON	Quadro Communications Cooperative Inc
GUELPH	GUELPH	Bell Canada
HANOVER	HANOVER	Bell Canada
HARRIETSVL	HARRIETSVILLE	Bell Canada
HARRISTON	HARRISTON	Bell Canada
HARROW	HARROW	Bell Canada
HENSALIDNT	HENSALL INDEPANDANT	Tuckersmith Communications Cooperative Ltd
HENSALL	HENSALL	Bell Canada
HEPWORTH	HEPWORTH	Bell Canada
HESPELER	HESPELER	Bell Canada
HICKSON	HICKSON	Bell Canada
HIGHGATE	HIGHGATE	Bell Canada
HILLSBURGH	HILLSBURGH	Bell Canada
HOLSTEIN	HOLSTEIN	Bell Canada
ILDERTON	ILDERTON	Bell Canada



## NPA 519 EXCHANGE AREAS

<b>EXCHANGE AREA (BIRDS RATE CENTER FIELD)</b>	<b>EXCHANGE AREA NAME (BIRDS RATE CENTER NAME FIELD)</b>	<b>TELCO NAME</b>
INGERSOLL	INGERSOLL	Bell Canada
INNERKIP	INNERKIP	Bell Canada
INWOODIDNT	INWOOD INDEPENDANT	Brooke Telecom Cooperative Ltd
JARVIS	JARVIS	Bell Canada
KERWOOD	KERWOOD	Bell Canada
KINCARDINE	KINCARDINE	Bruce Municipal Telephone System
KINGSVILLE	KINGSVILLE	Bell Canada
KINTORE	KINTORE	Bell Canada
KIRKTON	KIRKTON	Quadro Communications Cooperative Inc
KITCHEWTRL	KITCHENER WATERLOO	Bell Canada
LA SALLE	LA SALLE	Bell Canada
LAMBETH	LAMBETH	Bell Canada
LANGTON	LANGTON	Bell Canada
LEAMINGTON	LEAMINGTON	Bell Canada
LINWOOD	LINWOOD	Bell Canada
LIONS HEAD	LIONS HEAD	Amtelecom Inc
LISTOWEL	LISTOWEL	Bell Canada
LONDON	LONDON	Bell Canada
LUCAN	LUCAN	Bell Canada
LUCKNOW	LUCKNOW	Bell Canada
LYNDEN	LYNDEN	Bell Canada
MAIDSTONE	MAIDSTONE	Bell Canada
MARKDALE	MARKDALE	Bell Canada
MCGREGOR	MCGREGOR	Bell Canada
MEAFORD	MEAFORD	Bell Canada
MELBOURNE	MELBOURNE	Bell Canada
MERLIN	MERLIN	Bell Canada
MILDMAY	MILDMAY	Wightman Telephone Ltd
MILVERTON	MILVERTON	Mornington Communications Coop Ltd
MITCHELL	MITCHELL	Bell Canada
MONKTON	MONKTON	Bell Canada
MOUNT FOR	MOUNT FOREST	Bell Canada
MT BRYDGES	MOUNT BRYDGES	Bell Canada
MTPLEASANT	MOUNT PLEASANT	Bell Canada
NAIRN	NAIRN	Bell Canada
NEUSTADT	NEUSTADT	Wightman Telephone Ltd
NEW DUNDEE	NEW DUNDEE	Bell Canada
NEWHAMBURG	NEWHAMBURG	Bell Canada
NORWICH	NORWICH	Bell Canada
NORWIHIDNT	NORWICH INDEPENDANT	Hurontario Telephones Ltd
OHSWEKEN	OHSWEKEN	Bell Canada
OILSPRINGS	OILSPRINGS	Bell Canada
ORANGEVL	ORANGEVILLE	Bell Canada
OTTERVILLE	OTTERVILLE	Bell Canada
OWEN SOUND	OWEN SOUND	Bell Canada
PAISLEY	PAISLEY	Bruce Municipal Telephone System

## NPA 519 EXCHANGE AREAS

<b>EXCHANGE AREA (BIRRD RATE CENTER FIELD)</b>	<b>EXCHANGE AREA NAME (BIRRD RATE CENTER NAME FIELD)</b>	<b>TELCO NAME</b>
PALMERSTON	PALMERSTON	Bell Canada
PARIS	PARIS	Bell Canada
PARKHILL	PARKHILL	Bell Canada
PELEE IS	PELEE ISLAND	Bell Canada
PETROLIA	PETROLIA	Bell Canada
PLATTSVL	PLATTSVILLE	Bell Canada
PLEASANTPK	PLEASANT PARK	Bell Canada
PORT DOVER	PORT DOVER	Bell Canada
PORT ELGIN	PORT ELGIN	Bruce Municipal Telephone System
PORT ROWAN	PORT ROWAN	Bell Canada
PORTFRANKS	PORT FRANKS	Hurontario Telephones Ltd
PRESTON	PRESTON	Bell Canada
PRINCETON	PRINCETON	Bell Canada
PT BURWELL	PT BURWELL	Amtelecom Inc
PT LAMBTON	PORT LAMBTON	Bell Canada
PT STANLEY	PORT STANLEY	Bell Canada
RIDGETOWN	RIDGETOWN	Bell Canada
RIPLEY	RIPLEY	Huron Telecommunications Cooperative Ltd
ROCKWOOD	ROCKWOOD	Bell Canada
RODNEY	RODNEY	Bell Canada
SARNIA	SARNIA	Bell Canada
SAUBLE BCH	SAUBLE BEACH	Bell Canada
SCOTLAND	SCOTLAND	Bell Canada
SEAFOHIDNT	SEAFORTH INDEPENDANT	Tuckersmith Communications Cooperative Ltd
SEAFORTH	SEAFORTH	Bell Canada
SEBRINGVL	SEBRINGVILLE	Quadro Communications Cooperative Inc
SHAKESPERE	SHAKESPEARE	Bell Canada
SHEDDEN	SHEDDEN	Bell Canada
SHELBURNE	SHELBURNE	Bell Canada
SIMCOE	SIMCOE	Bell Canada
SOMBRA	SOMBRA	Bell Canada
SOUTHAMPTN	SOUTHAMPTON	Bell Canada
SPARTA	SPARTA	Bell Canada
ST GEORGE	ST GEORGE	Bell Canada
ST JACOBS	ST JACOBS	Bell Canada
ST MARYS	ST MARYS	Bell Canada
ST THOMAS	ST THOMAS	Bell Canada
STCLEMENTS	ST CLEMENTS	Bell Canada
STOKES BAY	STOKES BAY	Amtelecom Inc
STONEY PT	STONEY POINT	Bell Canada
STRAFORDVL	STRAFFORDVILLE	Amtelecom Inc
STRATFORD	STRATFORD	Bell Canada
STRATHROY	STRATHROY	Bell Canada
TARA	TARA	Bell Canada
TAVISTOCK	TAVISTOCK	Bell Canada
TECUMSEH	TECUMSEH	Bell Canada

## NPA 519 EXCHANGE AREAS

<b>EXCHANGE AREA (BIRDS RATE CENTER FIELD)</b>	<b>EXCHANGE AREA NAME (BIRDS RATE CENTER NAME FIELD)</b>	<b>TELCO NAME</b>
TEESWATER	TEESWATER	Wightman Telephone Ltd
THAMESFORD	THAMESFORD	Bell Canada
THAMESVL	THAMESVILLE	Bell Canada
THEDFORD	THEDFORD	Hurontario Telephones Ltd
THORNBURY	THORNBURY	Bell Canada
THORNDALE	THORNDALE	Bell Canada
TILBURY	TILBURY	Bell Canada
TILLSONBG	TILLSONBURG	Bell Canada
TIVERTON	TIVERTON	Bruce Municipal Telephone System
TOBERMORY	TOBERMORY	Amtelecom Inc
UNIONDALE	UNIONDALE	Quadro Communications Cooperative Inc
WALKERTON	WALKERTON	Bell Canada
WALLACEBG	WALLACEBURG	Bell Canada
WARDSVILLE	WARDSVILLE	Bell Canada
WATERFORD	WATERFORD	Bell Canada
WATFD IDNT	WATFORD INDEPENDANT	Brooke Telecom Cooperative Ltd
WATFORD	WATFORD	Bell Canada
WELLESLEY	WELLESLEY	Bell Canada
WEST LORNE	WEST LORNE	Bell Canada
WHEATLEY	WHEATLEY	Bell Canada
WIARTON	WIARTON	Bell Canada
WINDSOR	WINDSOR	Bell Canada
WINGHAM	WINGHAM	Bell Canada
WODSTOIDENT	WOODSTOCK INDEPENDANT	Hurontario Telephone Ltd
WOODSLEE	WOODSLEE	Bell Canada
WOODSTOCK	WOODSTOCK	Bell Canada
WYOMING	WYOMING	Bell Canada
ZURICH	ZURICH	Hay Communications Cooperative Ltd