

**Report for July 2010 R-NRUF – NPAs 250/604/778, 289/905, 416/647 and 819
to the
Canadian Steering Committee on Numbering (CSCN)**

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1. Purpose of R-NRUF

The purpose of the General Numbering Resource Utilization Forecast (G-NRUF) is to provide an annual forecast to aid in projecting Numbering Plan Area (NPA) and North American Numbering Plan (NANP) exhaust. The G-NRUF requires current and prospective Code Holders to submit actual and forecasted annual data regarding their current and prospective future use of Central Office (CO) Codes to the Canadian Numbering Administrator (CNA) on an annual basis.

In accordance with the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline (the Guideline), approved by the Canadian Radio-television and Telecommunications Commission (CRTC) in Telecom Decision CRTC 2010-152 dated 12 March 2010:

When an NPA is entering the timeframe for NPA Relief Planning (e.g., within or about 72 months before the Projected Exhaust Date), an initial R-NRUF is conducted to obtain actual and forecast annual data at the Exchange Area level of detail. The purpose of the initial R-NRUF is to validate the Projected Exhaust Date for an exhausting NPA, and to provide the CNA with detailed information to be used to identify a potential Relief Date and to prepare the Initial Planning Document as outlined in the Canadian NPA Relief Planning Guidelines.

Based on the January 2010 G-NRUF results, the CNA determined that NPAs 250/604/778, 289/905, 416/647 and 819 were within the 6-year window for NPA relief planning. On 15 June 2010 the CNA requested R-NRUFs from the current and prospective Canadian Central Office Code (NXX) Holders in those NPAs.

2. High Level Summary

The results from the July 2010 R-NRUF are different from the January 2010 R-NRUF results due to various Telecommunications Service Providers (TSPs) submitting a set of data to the CNA that is different from the January 2010 G- and R-NRUF data. The CNA has verified the input from various TSPs and the variance from previous input can be rationalized.

Specific changes are listed below:

- NPA 250/604/778 Projected Exhaust Date is now forecast for August 2016, which moves the Projected Exhaust Date out by one (1) month from the January 2010 G-NRUF result of July 2016.

- NPA 289/905 Projected Exhaust Date is now forecast for March 2015, which moves the Projected Exhaust Date out by eleven (11) months from the January 2010 R-NRUF result of April 2014.
- NPA 416/647 Projected Exhaust Date is now forecast for October 2015, which moves the Projected Exhaust Date out by three (3) months from the January 2010 R-NRUF result of July 2015.
- NPA 819 Projected Exhaust Date is now forecast for October 2013, which moves the Projected Exhaust Date in by five (5) months from the January 2010 R-NRUF result of March 2014.

NPA 250/604/778

NPA 250/604/778 July 30, 2010 R-NRUF Results							
Actual		Forecast					
Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of		Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of					
2010-01-01	2010-07-01	2011-01-01	2012-01-01	2013-01-01	2014-01-01	2015-01-01	2016-01-01
1799	1861	1949	2060	2132	2207	2290	2340
Projected Exhaust Date					August 2016		

NRUF data, including the most recent results, is summarized in the following chart.

NPA 250/604/778 Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
250/604/778	2010 G - NRUF	1 April 2010	July 2016
250/604/778	July 2010 R – NRUF	13 September 2010	August 2016

NPA 289/905

NPA 289/905 July 30, 2010 R-NRUF Results							
Actual		Forecast					
Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of		Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of					
2010-01-01	2010-07-01	2011-01-01	2012-01-01	2013-01-01	2014-01-01	2015-01-01	2016-01-01
1209	1248	1315	1404	1486	1535	1615	1661
Projected Exhaust Date					March 2015		
<p>Note - Telecom Notice of Consultation CRTC 2010-213 New Overlay NPA 365 In-service 15 March 2013</p>							

NRUF data, including the most recent results, is summarized in the following chart:

NPA 289/905 Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
289/905	G - NRUF January 2007	5 April 2007	March 2017
289/905	G - NRUF January 2008	25 March 2008	August 2014
289/905	R - NRUF July 2008	5 April 2007	August 2024
289/905	G - NRUF January 2009	15 May 2009	May 2015
289/905	G – NRUF (Updated Jan 2009 due to change in Carriers' forecasts)		February 2014
289/905	R - NRUF June 2009, adjusted per Telecom Notice of Consultation CRTC 2009-310 directive to set aside 7 CO Codes for initial code assignments for Carriers already providing service, and 15 for initial code assignments for new entrants)	12 June 2009	October 2016

NPA 289/905			
Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
289/905	R - NRUF January 2010 (adjusted per Telecom Notice of Consultation CRTC 2009-310 directive to set aside 7 CO Codes for initial code assignments for Carriers already providing service, and 15 for initial code assignments for new entrants)	1 April 2010	April 2014
289/905	R - NRUF July 2010 (adjusted per Telecom Notice of Consultation CRTC 2009-310 directive to set aside 7 CO Codes for initial code assignments for carriers already providing service, and 15 for initial code assignments for new entrants)	13 September 2010	March 2015

NPA 416/647

NPA 416/647 July 30, 2010 R-NRUF Results							
Actual		Forecast					
Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of		Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of					
2010-01-01	2010-07-01	2011-01-01	2012-01-01	2013-01-01	2014-01-01	2015-01-01	2016-01-01
1121	1154	1214	1299	1386	1467	1539	1620
Projected Exhaust Date					October 2015		

NRUF data, including the most recent results, is summarized in the following chart.

NPA 416/647			
Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
416/647	G - NRUF January 2009	15 May 2009	October 2021
416/647	G - NRUF January 2010	1 April 2010	July 2015
416/647	R - NRUF July 2010 (adjusted per Telecom Notice of Consultation CRTC 2010-490 directive to set aside 7 CO Codes for initial code assignments for Carriers already providing service, and 10 for initial code assignments for new entrants)	13 September 2010	October 2015

NPA 819

NPA 819 July 30, 2010 R-NRUF Results							
Actual		Forecast					
Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of		Total quantity of existing CO Codes assigned & reserved plus unassignable CO Codes as of					
2010-01-01	2010-07-01	2011-01-01	2012-01-01	2013-01-01	2014-01-01	2015-01-01	2016-01-01
691	692	723	752	781	844	863	864
Projected Exhaust Date					October 2013		
Note - Telecom Notice of Consultation CRTC 2010-94-1							
New Overlay NPA 873 In-service 1 June 2013							

NPA 819			
Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
819	G - NRUF January 2009	15 May 2009	February 2015
819	G - NRUF January 2010	1 April 2010	March 2014
819	R - NRUF July 2010 (adjusted per Telecom Notice of Consultation CRTC 2010-94 directive to set aside 7 CO Codes for initial code assignments for Carriers already providing service, and 10 for initial code assignments for new entrants)	13 September 2010	October 3013

3. Schedule of Future R- NRUF Activities in this Year

Due Date	NRUF Type	NRUF Format	NPAs
N/A			

4. R-NRUF Assumptions

The assumptions used for the July 2010 R-NRUF for NPAs 250/604/778, 289/905, 416/647 and 819 are the assumptions that were provided on 20 October 2009 to the CNA by the Canadian Steering Committee on Numbering (CSCN) for conducting the 2010 G-NRUF.

5. Summary of Challenges Encountered During the R-NRUF Process

Some TSPs continue to remain unaware of the significance and schedule for completing R-NRUFs. The CNA started contacting companies on July 23, 2010 to remind them of the July 30, 2010 due date.

6. Conclusion

In accordance with Section 4 of the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline, the CNA has conducted an assessment, at a total aggregate level, to determine whether the July 2010 R-NRUF results are reasonable and the Projected Exhaust Dates for NPAs 250/604/778, 289/905, 416/647 and 819 are realistic.

As identified in previous reports, there continues to be some potential for volatility in demand for numbering resources as a result of the expansion of both wireless and CLEC services. Due to these uncertainties, there is some latitude for determining what is reasonable and realistic. Based on this assessment, in the CNA's opinion, the July 2010 R-NRUF results for NPAs 250/604/778, 289/905, 416/647 and 819 appear reasonable and the Projected Exhaust Dates for the NPAs are generally realistic based on the information provided by those TSPs that submitted data.