

**Report for January 2006 R-NRUF – NPAs 250, 403 & 780
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 2004-45:

When an NPA is entering the timeframe for NPA Relief Planning (e.g., about 6 years 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.

On 15 April 2004, the CNA released the aggregate results of the 2004 G-NRUF for all geographic Canadian NPAs. The 2004 G-NRUF results indicated that NPAs 250 and 403 would exhaust in September 2009 and NPA 780 would exhaust in November 2011.

In a letter dated 21 April 2004, the Canadian Steering Committee on Numbering (CSCN) requested the CNA to conduct an R-NRUF for NPA 780 coincident with the NPA 403 R-NRUF required by the Canadian NPA Relief Planning Guidelines. The CSCN's request was based on the premise that simultaneous relief planning for both NPA 403 and NPA 780 would provide a coordinated approach for relief planning in Alberta.

During a joint meeting held on 10 May 2005, the NPA 403 and 780 Relief Planning Committees agreed to continue using a coordinated approach for relief planning in Alberta, even though the January 2005 R-NRUF results indicated that NPA 403 would exhaust in September 2011 and NPA 780 would exhaust in January 2015.

The CNA has prepared this report in accordance with the Guideline approved by the CRTC on 12 July 2004 in Telecom Decision CRTC 2004-45.

2. High Level Summary

The results from the January 2006 R-NRUF are different from the July 2005 R-NRUF results due to various Telecommunications Service Providers (TSPs) submitting a set of data to the CNA that is different from the July 2005 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 Projected Exhaust Date is now forecast for April 2010, which moves the Projected Exhaust Date out by one (1) month from the July 2005 R-NRUF result of March 2010.
- NPA 403 Projected Exhaust Date is now forecast for March 2011, which moves the Projected Exhaust Date in by four (4) months from the July 2005 R-NRUF result of July 2011.
- NPA 780 Projected Exhaust Date is now forecast for February 2013, which moves the Projected Exhaust Date in by eleven (11) months from the July 2005 R-NRUF result of January 2014.

| NPA | Total number of NPA 250 CO Codes as of: | | | | | | |
|------------------------|---|--------|--------|--------|------------|--------|--------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan |
| 250 | 658 | 688 | 724 | 762 | 791 | 848 | 869 |
| Projected Exhaust Date | | | | | April 2010 | | |

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

| NPA 250 Summary of Projected Exhaust Dates | | | |
|---|----------------|---------------------|------------------------|
| NPA | Type of C-NRUF | Date of Publication | Projected Exhaust Date |
| 250 | 2004 G - NRUF | 14 April 2004 | May 2009 |
| 250 | 2004 R - NRUF | 1 September 2004 | June 2009 |
| 250 | 2005 R - NRUF | 14 April 2005 | November 2009 |
| 250 | 2005 R - NRUF | 5 October 2005 | March 2010 |
| 250 | 2006 R - NRUF | 7 April 2006 | April 2010 |

| NPA | Total number of NPA 403 CO Codes as of: | | | | | | |
|------------------------|---|------------|------------|------------|------------|-------------------|------------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan |
| 403 | 603 | 656 | 697 | 727 | 755 | 794 | 864 |
| Projected Exhaust Date | | | | | | March 2011 | |

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

| NPA 403 Summary of Projected Exhaust Dates | | | |
|---|----------------|---------------------|------------------------|
| NPA | Type of C-NRUF | Date of Publication | Projected Exhaust Date |
| 403 | 2004 G - NRUF | 14 April 2004 | September 2009 |
| 403 | 2004 R - NRUF | 1 September 2004 | October 2009 |
| 403 | 2005 R - NRUF | 14 April 2005 | September 2011 |
| 403 | 2005 R - NRUF | 5 October 2005 | July 2011 |
| 403 | 2006 R - NRUF | 7 April 2006 | March 2011 |

| NPA | Total number of NPA 780 CO Codes as of: | | | | | | |
|------------------------|---|------------|------------|------------|------------|----------------------|------------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan | 01-Jan |
| 780 | 569 | 623 | 659 | 696 | 720 | 746 | 764 |
| Projected Exhaust Date | | | | | | February 2013 | |

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

| NPA 780 Summary of Projected Exhaust Dates | | | |
|---|----------------|---------------------|------------------------|
| NPA | Type of C-NRUF | Date of Publication | Projected Exhaust Date |
| 780 | 2004 G - NRUF | 14 April 2004 | November 2011 |
| 780 | 2004 R - NRUF | 1 September 2004 | January 2012 |
| 780 | 2005 R - NRUF | 14 April 2005 | January 2015 |
| 780 | 2005 R - NRUF | 5 October 2005 | January 2014 |
| 780 | 2006 R - NRUF | 7 April 2006 | February 2013 |

3. Schedule of Future NRUF Activities in the next Year

| Due Date | NRUF Type | NRUF Format | NPA(s) |
|----------|-----------|----------------------------|--------|
| August 8 | R-NRUF | Format 2 – proposed by CNA | 250 |
| August 8 | R-NRUF | Format 2 – proposed by CNA | 403 |
| August 8 | R-NRUF | Format 2 – proposed by CNA | 780 |

4. R-NRUF Assumptions

The assumptions used for the January 2006 R-NRUF are the same assumptions utilized for the 2006 G-NRUF and were provided to the CNA by the CSCN in a letter dated 1 November 2005, entitled "CSCN Direction to CNA re: 2006 G-NRUF Methodology and Assumptions".

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 from 30 January 2006.

6. Conclusion

In accordance with Section 4, Item 6 f) and h) 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 January 2006 R-NRUF results are reasonable and the Projected Exhaust Dates for NPAs 250, 403 and 780 are realistic based on the data submitted by TSPs.

Accordingly, based on this assessment, in the CNA's opinion, the January 2006 R-NRUF results for NPAs 250, 403 and 780 appear reasonable and the Projected Exhaust Dates for the NPAs are generally realistic in relation to the July 2005 R-NRUF results.

NPA 780 is out of Relief Planning window.