July 2016 J-NRUF Report – NPA 418/581 and NPA 709 to the Canadian Steering Committee on Numbering (CSCN)

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1. Purpose of the J-NRUF

Section 8.1 of Canadian NPA Relief Planning Guideline, Version 6.0 dated 20 November 2014 states that:

> …, a Jeopardy Condition exists when any NRUF or other CO Code assignment data indicates that the projected demand for CO Codes will exceed the quantity of CO Codes available for assignment before the date that relief is scheduled to be implemented.

In accordance with the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline (the C-NRUF Guideline), approved by the Canadian Radio-television and Telecommunications Commission (CRTC) in Telecom Decision CRTC 2015-166 dated 29 April 2015:

> When an NPA is declared by the CNA to be in a Jeopardy Condition, the CNA initiates a J-NRUF to obtain actual and forecast data to assist in the monitoring and management of the limited numbering resources available for assignment until relief is provided. The J-NRUF is normally conducted on a quarterly basis from the date that the Jeopardy Condition is declared by the CNA until three months of when relief is implemented.

Based on the January 2016 G-NRUF results, NPA 709 was within the 6-year window for NPA relief planning. The Projected Exhaust Date (PED) for NPA 709 was May 2019. Therefore the CNA determined and advised CRTC staff that NPA 709 was in a Jeopardy Condition in accordance with section 8.1 of the Canadian NPA Relief Planning Guideline (Version 6.0) as approved by Telecom Decision CRTC 2014-603.

On 31 May 2016 in Telecom Notice of Consultation CRTC 2016-207 the CRTC announced that “area codes 418 and 581 are now in a jeopardy condition”. Accordingly, on 24 June 2016, the CNA requested current and prospective Canadian CO Code Holders to submit a J-NRUF for NPA 418/581 and NPA 709 with a due date of 29 July 2016.

The CNA has prepared this J-NRUF report in accordance with the C-NRUF Guideline.

2. High Level Summary

The CNA has rationalized the July 2016 J-NRUF input from various TSPs and the variance from previous inputs appears reasonable.

NPA 418/581 and NPA 709 July 2016 J-NRUF Version 1 Projected Exhaust Dates remain forecast for March 2019, due to the CO Code assignment restrictions imposed by the CRTC in Telecom Notices of Consultation CRTC 2016-205 and CRTC 2016-207.

The NPA 418/581 July 2016 J-NRUF Version 2 Projected Exhaust Date is forecast for March 2018.

The NPA 709 July 2016 J-NRUF Version 2 Projected Exhaust Date is forecast for March 2019.

NPA 418/581

NPA 418/581 - July 2016 J-NRUF V-1 Aggregate Results													
Actual		Forecast											
Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned & reserved as of											
2016-01-01	2016-07-01	2017-01-01	2018-01-01	2018-04-01	2018-07-01	2018-10-01	2019-01-01	2019-04-01	2019-07-01	2019-10-01	2020-01-01	2021-01-01	2022-01-01
1220	1244	1367	1411	1436	1464	1490	1562	1640	1681	1729	1778	1811	1845
Projected Exhaust Date - March 2019													
NPA 418/581 is in a Jeopardy Condition.													

NPA 418/581 - July 2016 J-NRUF V-2 Aggregate Results													
Actual		Forecast											
Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned & reserved as of											
2016-01-01	2016-07-01	2017-01-01	2018-01-01	2018-04-01	2018-07-01	2018-10-01	2019-01-01	2019-04-01	2019-07-01	2019-10-01	2020-01-01	2021-01-01	2022-01-01
1220	1250	1406	1569	1607	1645	1677	1733	1816	1860	1913	1954	1983	2029
Projected Exhaust Date - March 2018													
NPA 418/581 is in a Jeopardy Condition.													

NPA 709

NPA 709 - July 2016 J-NRUF V-1 Aggregate Results													
Actual		Forecast											
Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned & reserved as of											
2016-01-01	2016-07-01	2017-01-01	2018-01-01	2018-04-01	2018-07-01	2018-10-01	2019-01-01	2019-04-01	2019-07-01	2019-10-01	2020-01-01	2021-01-01	2022-01-01
562	573	622	724	728	731	736	767	810	885	943	978	1001	1017
Projected Exhaust Date - March 2019													
NPA 709 is in a Jeopardy Condition.													

NPA 709 - July 2016 J-NRUF V-2 Aggregate Results													
Actual		Forecast											
Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned & reserved as of											
2016-01-01	2016-07-01	2017-01-01	2018-01-01	2018-04-01	2018-07-01	2018-10-01	2019-01-01	2019-04-01	2019-07-01	2019-10-01	2020-01-01	2021-01-01	2022-01-01
562	572	621	724	730	736	747	772	815	892	950	985	1008	1026
Projected Exhaust Date - March 2019													
NPA 709 is in a Jeopardy Condition.													

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

NPA 418/581 Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
418/581	January 2015 G-NRUF	27 March 2015	November 2023
418/581	January 2016 G-NRUF	21 March 2016	April 2019
418/581	April 2016 S-NRUF	15 May 2016	March 2019
418/581	July 2016 J-NRUF	2 September 2016	March 2019

NPA 709 Summary of Projected Exhaust Dates			
NPA	**Type of C-NRUF**	**Date of Publication**	**Projected Exhaust Date**
709	January 2015 G-NRUF	27 March 2015	August 2024
709	January 2016 G-NRUF	21 March 2016	May 2019
709	April 2016 J-NRUF	15 May 2016	March 2019
709	July 2016 J-NRUF	2 September 2016	March 2019

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

Due Date	NRUF Type	NRUF Format	NPA
31 October 2016	J-NRUF	Format 3	418/581
31 October 2016	J-NRUF	Format 3	709

4. J–NRUF Assumptions

The assumptions used for the July 2016 J-NRUF for NPA 418/581 and NPA 709 are the assumptions that were provided on 14 October 2015 to the CNA by the Canadian Steering Committee on Numbering (CSCN) for conducting the January 2016 G-NRUF.

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

Most TSPs continue to rely on the CNA to remind them of the due date. The CNA started contacting companies on 25 July 2016. Despite this initiative, some J-NRUF submissions were late and incorrect.

Most Code Holders were confused about the difference between Version 1 and Version 2 of the J-NRUFs.

Some companies also neglected to complete Version 2 of the J-NRUFs.

6. Conclusion

In accordance with Section 4, Item 6 h) of the Canadian Numbering Resource Utilization Forecast (C–NRUF) Guideline, the CNA has conducted assessments, sought clarification and/or explanation from various TSPs to reconcile 2016 growth with current and historical forecasts to determine whether the July 2016 J-NRUF results are reasonable and the Projected Exhaust Date (PED) of March 2019 for NPA 418/581 and NPA 709 is realistic.