

**April 2023 NPA 709/879 J-NRUF Report to the
Canadian Steering Committee on Numbering (CSCN)**

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1. Purpose of the J-NRUF

Section 9.1 of *Canadian NPA Relief Planning Guideline*, Version 7.0 dated 14 September 2018 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*, Version 5.1 (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.

On 28 February 2023, the CNA advised CRTC staff that, based on the January 2023 General Numbering Resource Utilization Forecast (G-NRUF) submissions, the NPA 709/879 Projected Exhaust Date (PED) had advanced to November 2024. Accordingly, the NPA had entered a Jeopardy Condition.

Based on the January 2023 G-NRUF results published on 29 March 2023, the Canadian Numbering Administrator (CNA) concluded that a Jeopardy Condition existed in NPA 709/879 which covers the geographic area of Newfoundland and Labrador.

On 13 April 2023, CRTC staff directed the CNA to apply the following measures:

- Freeze all central office code assignments in area code 709/879 based on the January 2023 G-NRUF carrier submissions to 1 January 2024 forecasted quantities; and,
- Conduct area code 709/879 Jeopardy Numbering Resource Utilization Forecasts (J-NRUF) at the NPA level of detail.

The Jeopardy Contingency Plan dictates that the CNA requests two versions (two separate worksheets – Form 1 and Form 2) of the J-NRUF input from all current and prospective CO Code Holders quarterly until three (3) months before relief is provided. The forecasted quantities in Form 1 should be the same as or

lower than the January 2023 G-NRUF carrier submissions up to the 1 January 2024 forecasted quantities. CO Code Holder forecasts may reflect an increase in demand in the period after the Relief Date. Form 2 will reflect the actual demand required by the CO Code Holder's current business plan and will be provided for information purposes only.

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

2. High Level Summary

The CNA has rationalized the April 2023 NPA 709/879 J-NRUF input from various Telecommunications Service Providers (TSPs) and the variance from previous inputs appears reasonable.

The April 2023 NPA 709/879 J-NRUF Form 1 PED has moved out to March 2025, due to business plan changes by some TSPs.

The April 2023 NPA 709/879 J-NRUF Form 2 indicates a PED of November 2024 if there were no CO Code assignment restrictions.

NPA 709/879

NPA 709/879 - April 2023 Jeopardy Numbering Resource Utilization Forecast (J-NRUF)													
NPA 709/879 - April 2023 - J-NRUF Form (Due 28 April 2023)													
Form 1 - Forecast quantities cannot exceed January 2023 G-NRUF quantities forecasted for 1 January 2024.													
NPA	Actual		Forecast										
	Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned and reserved as of										
	2023-01-01	2023-04-01	2023-07-01	2023-10-01	2024-01-01	2024-04-01	2024-07-01	2024-10-01	2025-01-01	2026-01-01	2027-01-01	2028-01-01	2029-01-01
709/879	624	625	641	654	702	702	703	706	782	882	961	1023	1106
Projected Exhaust Date (PED) March 2025													

NPA 709/879 - April 2023 Jeopardy Numbering Resource Utilization Forecast (J-NRUF)													
NPA 709/879 - April 2023 - J-NRUF Form (Due 28 April 2023)													
Form 2 - Forecast quantities are NOT limited to January 2023 G-NRUF quantities forecasted for 1 January 2024.													
NPA	Actual		Forecast										
	Total quantity of existing CO Codes assigned & reserved as of		Total quantity of existing and future CO Codes forecast to be assigned and reserved as of										
	2023-01-01	2023-04-01	2023-07-01	2023-10-01	2024-01-01	2024-04-01	2024-07-01	2024-10-01	2025-01-01	2026-01-01	2027-01-01	2028-01-01	2029-01-01
709/879	624	625	642	652	708	716	733	748	820	887	964	1026	1109
Projected Exhaust Date (PED) November 2024													

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

NPA 709/879 Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
709/879	January 2015 G-NRUF	27 March 2015	August 2024
709/879	January 2016 G-NRUF	21 March 2016	May 2019
709/879	April 2016 J-NRUF	15 May 2016	March 2019
709/879	July 2016 J-NRUF	2 September 2016	March 2019
709/879	October 2016 J-NRUF	5 December 2016	March 2019
709/879	January 2017 J-NRUF	29 March 2017	August 2019
709/879	April 2017 J-NRUF	2 June 2017	August 2019
709/879	July 2017 J-NRUF	5 September 2017	May 2023
709/879	January 2018 R-NRUF	20 March 2018	April 2023
709/879	July 2018 R-NRUF	5 September 2018	March 2023
709/879	January 2019 R-NRUF	26 March 2019	August 2023
709/879	July 2019 R-NRUF	20 September 2019	October 2023
709/879	January 2020 G-NRUF	24 March 2020	March 2023
709/879	July 2020 R-NRUF	18 August 2020	June 2028
709/879	January 2021 R-NRUF	23 February 2021	September 2026
709/879	July 2021 R-NRUF	19 August 2021	December 2026
709/879	January 2022 R-NRUF	1 March 2022	November 2028*
709/879	January 2023 G-NRUF	29 March 2023	December 2024**

NPA 709/879 Summary of Projected Exhaust Dates			
NPA	Type of C-NRUF	Date of Publication	Projected Exhaust Date
709/879	April 2023 J-NRUF (Form 1)	4 May 2023	March 2025**
709/879	April 2023 J-NRUF (Form 2)	4 May 2023	November 2024**

* Out of Relief Planning window

** In Jeopardy Condition

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

Due Date	NRUF Type	NRUF Format	NPA
14 July	J-NRUF	NPA level	709/879
13 October	J-NRUF	NPA level	709/879

4. J-NRUF Assumptions

The assumptions used for the April 2023 NPA 709/879 J-NRUF are the assumptions that were provided on 12 October 2022 to the CNA by the Canadian Steering Committee on Numbering (CSCN) for conducting the January 2023 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 21 April 2023. Despite this initiative, some J-NRUF submissions were incorrect.

Most CO Code Holders were confused about the Code restrictions and difference between the Form 1 and Form 2 J-NRUF worksheets.

6. Conclusion

In accordance with Section 4, Item 6h) of the C-NRUF Guideline, the CNA has conducted assessments, sought clarification and/or explanations from various TSPs to reconcile 2023 growth with current and historical forecasts to determine whether the April 2023 J-NRUF results are reasonable.

The NPA 709/879 April 2023 NPA 709/879 Form 1 (with Assignment Restrictions) PED of March 2025 and Form 2 (without Assignment Restrictions) PED of November 2024 are realistic.

NPA 709/879 remains in a Jeopardy Condition.