Report for April 2013 J-NRUF – NPA 902 to the Canadian Steering Committee on Numbering (CSCN)

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1. Purpose of the J-NRUF

Section 8.1 of the Canadian NPA Relief Planning Guideline states:

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 addition, section 3, item 3 of the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline states:

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 24 May 2012, the CRTC issued Telecom Notice of Consultation CRTC 2012-309, in which it declared that a Jeopardy Condition exists in NPA 902 which covers the geographic area of Nova Scotia and Prince Edward Island.

In accordance with section 8.2 of the Canadian NPA Relief Planning Guideline and section 3, item 3 of the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline, the CNA is required to request a Jeopardy Numbering Resource Utilization Forecast (J-NRUF) once a Jeopardy Condition has been declared for a specific NPA.

The CNA has prepared this report in accordance with the Canadian Numbering Resource Utilization Forecast (C-NRUF) Guideline approved by the CRTC on 28 September 2012 in Telecom Decision CRTC 2012–524.

2. High Level Summary

Telecommunications Service Providers (TSPs) continue to revise their forecasts based on their most recent marketing plans. The CNA has verified the input from various TSPs and the variance from previous inputs can be rationalized.

- The NPA 782/902 PED with CO Code assignment restrictions included as directed by the CRTC in Telecom Notice of Consultation CRTC 2012-309 is December 2014, which has moved the PED out by two (2) months from the January 2013 J-NRUF result of October 2014.
- The NPA 782/902 PED without the CO Code assignment restrictions is February 2014, which has moved the PED out by two (2) months from the January 2013 J-NRUF result of December 2013.

Summary of Projected Exhaust Dates

	CO Cod	e Consei	rvation N	leasures	are incl	uded in t	he JCP a	nd/or di	ected by	the CR	ГС	
Actu	ual	Forecast										
Total quantity CO Codes as reserved	ssigned &	Total q	uantity	of exist	ing and	future C	CO Code as of	es foreca	ast to b	e assign	ed & re	served
2013-01-01	2013-04-01	2013-07-01	2013-10-01	2014-01-01	2014-04-01	2014-07-01	2014-10-01	2015-01-01	2016-01-01	2017-01-01	2018-01-01	2019-01-01
696	711	739	746	760	765	770	780	843	857	866	908	915
Projected Exhaust Date						December 2014						

	N	PA 782	2/902 -	April 2	2013 J -	NRUF	V-2 Ag	grega	te Res	ults		
	CO Code Conservation Measures are not included in the JCP and/or directed by the CRTC											
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										
2013-01-01	2013-04-01	2013-07-01	2013-10-01	2014-01-01	2014-04-01	2014-07-01	2014-10-01	2015-01-01	2016-01-01	2017-01-01	2018-01-01	2019-01-01
696	719	766	775	795	802	810	818	859	873	882	907	914
Projected Exhaust Date			February 2014									
	s in a Jeop Decision C				PA effect	tive 30 N	lovembe	er 2014				

Summary of Projected Exhaust Dates

As indicated in the following table, forecasts for NPA 902 were used to determine Projected Exhaust Dates, i.e. the dates when CO Codes in NPA 902 would be expected to exhaust.

NRUF	Projected Exhaust Date
G-NRUF January 2010	February 2018
G-NRUF January 2011	May 2017
R-NRUF July 2011	April 2017
R-NRUF January 2012	January 2016
J-NRUF – V1 July 2012 (with restrictions)	June 2015
(adjusted per Telecom Notice of Consultation	
CRTC 2012-309 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)	
J-NRUF – V2 July 2012 (without restrictions)	May 2014
(adjusted per Telecom Notice of Consultation	
CRTC 2012-309 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)	
J-NRUF – V1 October 2012 (with restrictions)	June 2015
(adjusted per Telecom Notice of Consultation	
CRTC 2012-309 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)	I. I. 2014
J-NRUF – V2 October 2012 (without	July 2014
restrictions) (adjusted per Telecom Notice of Consultation CRTC 2012-309 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)	
J-NRUF – V1 January 2013 (with restrictions)	October 2014
(adjusted per Telecom Notice of Consultation	October 2014
CRTC 2012-309 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)	
J-NRUF – V2 January 2013 (without	December 2013
restrictions) (adjusted per Telecom Notice of	
Consultation CRTC 2012-309 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)	

NRUF	Projected Exhaust Date
J-NRUF – V1 April 2013 (with restrictions) (adjusted per Telecom Notice of Consultation CRTC 2012-309 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)	December 2014
J-NRUF – V2 April 2013 (without restrictions) (adjusted per Telecom Notice of Consultation CRTC 2012-309 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)	February 2014

3. Schedule of Future J- NRUF Activities This Year

Due Date	NRUF Type	NRUF Format	NPAs
July 29	J-NRUF	As determined by RPC	782/902
October 31	J-NRUF	As determined by RPC	782/902

4. J-NRUF Assumptions

The assumptions for the April 2013 J-NRUF for NPA 782/902 are the same as were provided on 10 October 2012 to the CNA by the Canadian Steering Committee on Numbering (CSCN) for conducting the January 2013 G-NRUF.

Two Projected Exhaust Dates (i.e., V1 and V2) were calculated using these assumptions and are shown in the results tables above.

5. Conclusion

The CNA notes that the Canadian telecommunications environment continues to go through a period of significant change due to competition in local exchange and wireless markets, as well as economic fluctuations.

In accordance with the Guideline, the CNA has conducted an assessment, at a total aggregate level, to determine whether the April 2013 J-NRUF results are reasonable and the Projected Exhaust Dates for NPA 782/902 are realistic.

Based on this assessment, in the CNA's opinion, the April 2013 V-1 J-NRUF results appear to be as reasonable as possible. The Projected Exhaust Dates for NPA 782/902 are generally realistic based on the information provided by those TSPs that submitted data.

NPA 902 CO Code Inventory Chart

The chart shown below lists quantities of CO Codes unassignable prior to a Jeopardy Condition, CO Codes that become assignable in a Jeopardy Condition, and CO Codes in NPA 902 assigned and In-service as of 19 June 2013. It identifies 41 CO Codes that are unassignable prior to a Jeopardy Condition, 11 of which become assignable in a Jeopardy Condition. The CO Codes that become assignable in a Jeopardy Condition shall only be made available for assignment when all other available CO Codes have been assigned. The types of CO Codes that become assignable in a Jeopardy Condition should be made available in the same order as listed in the chart.

		Quantity
Α	Total CO Codes in NPAs 902 (NXX format)	800
В	CO Codes unassignable prior to a Jeopardy Condition	
	N11 Service Codes (211, 311, 411, 511, 611, 711, 811, 911)	8
	Special Use Codes (555, 950 & 976)	3
	Home NPA Code(s) (902)	1
	Current Neighbouring NPA Codes (506)	1
	Future Geographic NPA Codes (263, 782, 851, 942)	4
	Plant Test Codes (958 & 959)	2
	Special 7-digit Dialling Codes (310, 610 & 810)	2
	CO Codes set aside for Initial Codes for New Entrants only (for	
	assignment after relief via an overlay [or before if a split])	10
	CO Codes set aside for Initial Codes for carriers already providing	7
	service (for assignment after relief via an overlay [or before if a split])	
	9-1-1 Misdial Codes (912, 914 & 915)	3
	Total B	41
С	CO Codes assignable prior to a Jeopardy Condition (C=A-B)	759
D	CO Codes unassignable prior to a Jeopardy Condition that become	
	assignable in a Jeopardy Condition:	
	Future Canadian Geographic NPA Codes (263, 851, 942)	3
	Current Neighbouring NPA Codes (assign CO Code 506 in the Eastern	1
	portion of NPA 902)	
	CO Codes set aside for Initial Code assignments after relief via an	4
	overlay (available subject to CRTC staff approval)	
	911 Misdial Codes (912, 914 & 915)	3
	Total D	11
		I.
Е	Assignable CO Codes in a Jeopardy Condition (E=C+D)	770
F	Assigned CO Codes as of 19 June 2013	681
G	Net CO Codes available for assignment as of 19 June 2013 without a	
	Jeopardy Condition (G=C-F)	78
Н	Net CO Codes available for assignment as of 19 June 2013 in a	
••	Jeopardy Condition (H=E-F)	89
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Notes:

- 1. 23 of the 26 CO Codes corresponding to Future Canadian Geographic NPA Codes are already assigned, inservice, or available for assignment in NPA 902 leaving 3 CO Codes as currently unavailable for assignment.
- 2. CO Codes 263, 782, 851 and 942 are unavailable for assignment in NPA 902. CO Code 782 cannot become assignable even in a Jeopardy Condition as it would correspond to the new NPA, therefore must remain unassignable as a CO Code. CO Codes 263, 851 and 942 should become available for assignment in a Jeopardy Condition.