**11 June 2024**

**Day One**

**Minutes from CSCN 129 Opening Session**

**In-person/Conference Call**

**Hosted by Videotron**

**In-Person:** David Comrie - COMsolve Inc. (CNA)

Kelly T. Walsh - COMsolve Inc. (CNA)

Natalie Ann Lessard - COMsolve Inc. (CNA)

Glenn Pilley - CNAC

Ed Antecol - COMsolve Inc.

Ofir Smadja - COMsolve Inc.

Karen Robinson - KROB Numbering Solutions

Melanie Cardin - Quebecor

Gabriel Picard Mandeville - Quebecor

Michael Studniberg - Rogers

Martin Laroche - TELUS

Jean-Sebastien Tremblay - Videotron

Marc Berruyer - Videotron

**Conference Bridge:** Fiona Clegg - COMsolve Inc. (CNA)

Stephen Walsh - COMsolve Inc. (CNA)

John Nakamura - 10X People / INC Co-Chair

Jeanne Bell - Allstream/Zayo

Joey-Lynn Abdulkader - Bell Canada

Wanda Mali - Bell Canada

Leo Santoro - Bell Mobility

Anamika Bharti - Cogeco

Alexander Pittman - CRTC staff

Étienne Robelin - CRTC staff

Sarah Reilly - Distributel

Tara Farquhar - NANPA

Jennifer Mack - Rogers

Tammy Wilson - SaskTel

Allyson Blevins - Sinch / INC Co-Chair

Diane Dolan - Teksavvy

John MacKenzie - TELUS

Olena Bilozerska - TELUS

James Sewell - Westman Communications

**General Introductions**

Kelly Walsh, as Chair of the committee, welcomed the attendees.

David Comrie reviewed the list of attendees on the bridge and the in-person attendees announced themselves.

**Agenda Review**

Kelly Walsh reviewed the agenda.



CNAG0624A – CSCN 129 agenda (incl. in-meeting changes)

Agreement was reached to accept the agenda as modified.

**Action Items Review**

David Comrie reviewed the action items from CSCN 128.

1. Joey-Lynn Abdulkader will submit a contribution to sunset the *Canadian Adjunct to the INC Personal Communications Services (PCS) 5YY NXX Code Assignment Guidelines* **(Ongoing)**
2. The CNA will table for consideration a proposal to sunset the SIDs guideline for the next CSCN plenary meeting. **(Completed)**
3. Fiona Clegg will include an update on if/when any Railway or Electricity Operators (REOs) begin requesting MNCs. **(Ongoing)**
4. The CNA will propose a TIF to update the NPA Relief Planning Guideline to define TSPs with improved granularity. **(Ongoing)**
5. David Comrie will contact Melanie Cardin about the possibility of hosting CSCN 129 over 2 days (11-12 June 2024) instead of 1. **(Completed)**
6. The CNA will post the updated CO Code Part 1 form with language verbatim from the Policy. **(Completed)**
7. David Comrie will post a link to the TBCOCAG repository page on the CNA website and notify the CSCN. **(Completed)**
8. David Comrie will post an updated version of CNCO216B that incorporates the attestations described in the Policy. **(Completed)**
9. Fiona Clegg will report on INC items related to Thousands-block pooling going forward. **(Ongoing)**

**Review of Active TIFs**

David Comrie reviewed the active TIFs.

| **ACTIVE CSCN TIF SUMMARY** |
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| **#** | **TIF TITLE** | **SPONSORS** | **STATUS** |
| 105 | Review of the relief planning and number forecast processes associated with Relief of an Overlay NPA Complex | Marie-Christine Hudon | OngoingAccepted by CISC on 8 August 2019TIF Report CNRE126A accepted by CISC on 22 April 2020TIF Report CNRE129A accepted by CISC on 17 July 2020TIF Report CNRE130A accepted by CISC on 17 July 2020Telecom Decision CRTC 2020-379 issued on 25 November 2020 re: CNRE129A and CNRE130ATelecom Decision CRTC 2021-217 was issued 8 July 2021 re: CNRE126ACNRE141A sent to CISC on 17 May 2024 |
| 112 | Address assignment rate of Non-Geographic (6YY) CO Codes | Gerry Thompson & Karen Robinson | OngoingCNTF112A sent to CISC on 13 September 2022Revised TIF sent to CISC on 30 January 2023Revised TIF sent to CISC on 8 August 2023CNRE138B sent to CISC on 2 April 2024CNRE138B approved by CISC on 22 April 2024 |
| 113 | Updating the *Canadian Central Office Code (NXX) Assignment Guideline* | Jennifer Mack | OngoingCNTF113A sent to CISC on 19 July 2023CNTF113A approved by CISC on 8 August 2023 |
| 114 | Sunset the *Canadian MIN Block Identifier (MBI) Assignment guideline* | Joey-Lynn Abdulkader | OngoingCNTF114A sent to CISC on 19 July 2023CNTF114A approved by CISC on 8 August 2023CNRE139A sent to CISC on 14 March 2024CNRE139A approved by CISC on 22 April 2024 |
| 115 | Sunset the *Canadian Adjunct to the INC Personal Communications Services (PCS) 5YY NXX Code Assignment Guidelines* | Joey-Lynn Abdulkader | OngoingCNTF115A sent to CISC on 19 July 2023CNTF115A approved by CISC on 8 August 2023 |
| 116 | Setting aside of the 3 remaining reserved Canadian Geographic NPA Codes for relief of exhausting NPA complexes | Marie-Christine Hudon | OngoingCNTF116A sent to CISC on 30 October 2023CNRE137B sent to CISC on 30 October 2023CNRE137B sent to CISC on 30 October 2023CNRE137B approved by CISC on 22 April 2022 |
| 117 | TBP Implementation Monitoring | James Sewell | OngoingCNTF117A sent to CISC on 28 March 2024CNRE140A sent to CISC on 28 March 2024CNTF117A approved by CISC on 22 April 2024 |
| 118 | Update CSCN-Administered Guidelines for Thousands-Block Pooling | Ed Antecol | OngoingCNTF118A sent to CISC on 28 March 2024CNTF118A approved by CISC on 22 April 2024 |
| 119 | Report of inclusion of unused numbers from previously assigned CO Codes in pool | Diane Dolan | OngoingCNTF118A sent to CISC on 28 March 2024CNTF118A approved by CISC on 22 April 2024 |
| 120 | Report on LIR expansion or Exchange Area consolidation opportunities | Joey-Lynn Abdulkader / Marie-Christine Hudon | OngoingCNTF120A sent to CISC on 1 May 2024 |

**Future Meeting Schedule and Hosts**

Kelly Walsh reviewed the current schedule for future meetings.

| **CSCN REGULAR FACE-TO-FACE MEETING SCHEDULE** |
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| **Meeting** | **Dates** | **Host** | **Location** | **Agenda Setting Conference Call** |
| CSCN 130 | Tue, 8-9 October 2024 | Rogers  | Brampton, ON | 24 September 2024, 13:00 – 14:00 ET (tentative) |
| CSCN 131 | 19-20 February 2025 (tentative) | CRTC | Gatineau, QC | 5 February 2025, 13:00 – 14:00 ET (tentative) |
| CSCN 132 | 10-11 June 2025 (tentative) | COMsolve | Richmond Hill, ON | 27 May 2025, 13:00 – 14:00 ET (tentative) |

Jennifer Mack confirmed that Rogers will host CSCN 130 in Brampton.

**CRTC Staff Update**

Étienne Robelin presented.

(Paraphrased)

There are a few CSCN reports under consideration from the CSCN:

* A Decision concerning CNRE137A should out by the end of Q2.
* A Decision concerning CNRE139A, will hopefully be out by end of Q2/beginning of Q3.
* A Decision for CNRE138B will come out later in Q3.
* There is a CSCN report CNRE141A which is waiting for CISC approval.
* There is a Bell Part 1 proposing changes about how to calculate the CNAC’s annual funding.
* CNAC submitted a request to review and vary CNAC’s funding model. A Decision is expected in Q3.
* 5 interventions were received by email for the CNAC Part 1 for changing the funding model.
* There’s a Bell Part 1 application to R&V the thousands block process. There are a few dates in the Telecom Policy CRTC 2024-26 that are approaching quickly so the CRTC have adopted an expedited review process.
* CRTC staff have received 8 requests for additional CO Codes due to the interim measures that were put in place.
* There is a new general correspondence file number. The CRTC has created a new file for general numbering issues, located at: <https://crtc.gc.ca/otf/eng/2023/8000/C12-202306414.htm>

Use that link if you have any numbering related questions that are outside the CSCN.

**INC Report(s)**

Fiona Clegg presented an INC status report to CSCN 129. She noted that a lot of the issues under consideration by the INC have to do with guideline issue updates to accommodate the Combined Numbering Administration System. Others are related to the TBCOCAG but at this point we do not have a Canadian version of the TBCOCAG. If anyone wants a list of all the active issues at INC, Fiona can provide it.

Issue 934 (Review and possibly update ATIS-0300071 & ATIS-0300072, NANP Expansion Plan and Reference Document) was discussed. The plan was released in 2000. The INC has not reviewed these documents in recent years. Quite a bit of discussion took place at the last INC.

Issue 951 (Review the Unassignable Special Use NXXs in ATIS-0300119, Thousands-Block (NPA-NXX-X) & Central Office Code (NPA-NXX) Administration Guidelines) has been placed into final closure. INC is going to consider proposing opening 958 where 10-digit dialling is in place. 959 is being considered for opening in almost all NPAs.

INC is looking to see if 950 can be used as an NPA.

Ed Antecol noted that 950 was used as a dial around for IXC long distance calling.

Michael Doherty noted that 950 was an access code for Feature Group B.

Ed Antecol asked if the 950 dialling mechanism is used in Canada anymore. A CSCN participant noted that one does not see people advertising the service anymore. Most wireless carriers have nationwide free long distance. Are the Carriers that support Feature Group B seeing any activity in that area. If there is no traffic happening, maybe someone should think about a Part 1 application to eliminate dial around.

Marie-Christine Hudon noted that she does not believe that we have any more Feature Group B.

Glenn Pilley noted that he believes that CNA has a list of all the Feature Group B CIC holders on its website.

Fiona Clegg noted that we still have some Feature Group B CIC holders that submit their annual reports.

Fiona Clegg noted that she believes there is an action item at the Canadian CIGRR to review Feature Group B CICs.

John MacKenzie noted that CIC 1010 was far more used in the past and is still in use. He does not know if 950 is still in use. If CIGRR is looking into it that’s probably a good place to start.

Action Item: ILECs are asked to investigate the use of 950 in their networks.

Fiona Clegg noted that the INC should investigate the use of 976 for information delivery services in the day of widespread internet access.

Fiona Clegg noted that the INC is also looking at implementing NPA 555 for use in non-geographic numbering.

There have been a number of interim INC meetings. The most recent was June 3. An issue was brought in to update the NRUF guidelines for the Combined NAS in the US. Most of recent discussions revolve around the Combined NAS . The next series of calls are to discuss revisions to the NPA Relief Planning guidelines and the TBCOCAG.

It was noted that there was a proposed issue to make a disconnected block reassignable 30 days after disconnection rather than 45 days.

Allyson Blevins noted that INC will have another interim call before the end of the month and is meeting in person in DC later. Several more interim calls are expected due to the new Combined NAS which requires many changes to the guidelines. Probably lots of meetings until late August.

Glenn Pilley asked if anyone from Canada goes to the NANC. Allyson Blevins noted that she has not seen anyone from Canada in a while. Recent meetings have been hybrid meetings and the next few meetings will be hybrid meetings. Fiona Clegg noted that she does not believe anyone from Canada attends the meetings in person but that there are some Canadians who attend virtually.

**CNA Update on Exhaust of Canadian MNCs**

Fiona Clegg presented the CNA Update on Exhaust of Canadian MNCs.

As of 2024-06-11

There are 99 MNCs available under Canada's MCCs of: 302

MNCs 000 and 99X are unusable for international purposes

98 usable unique two-digit codes

45 two-digit MNCs are still available for assignment

53 two-digit MNCs assigned

16 three-digit MNCs assigned

53/98 = 54% of 2-digit MNCs have been assigned.

Glenn Pilley asked about ISED’s thoughts about Canada getting a new MCC. Kelly Walsh noted that the CNA has been in contact with ISED and has talked about the triggers of getting a new MCC and does not expect there to be any issues with Canada getting a new MCC.

Kelly Walsh noted that ISED believes a new MCC will most likely just be a timing thing where it takes a couple of ITU meetings to go through the process.

**CNA NPA Status Report**

David Comrie presented the CNA NPA Status Report.



NPA Status Report

Ed Antecol asked about the effectiveness of the CRTC’s interim measures regarding CO Code assignment restrictions.

Kelly Walsh noted that the restriction on high volume carriers that are being impacted by the 80% threshold may be encouraging those carriers to use their numbers more efficiently.

Ed Antecol noted that the CSCN is going down the road of proposing methods to encourage more efficient use of numbers.

**January 2024 G- & R-NRUF Report**

David Comrie presented the January 2024 G- & R-NRUF Report



January 2024 G- & R-NRUF Report

**CNA discussion item – Updating the IMSI guideline**

Kelly Walsh noted that the current verbiage in section 7.1c of the Canadian IMSI guideline may make it challenging for public service operators to obtain an MNC when they need it.

Ed Antecol suggested that part of the requirement for a public safety broadband operator is to obtain a spectrum licence.

Glenn Pilley asked if there should be a more specific definition of what kind of spectrum licence is required.

Action Item: The CNA will draft a contribution for a proposed TIF to update the IMSI Guideline with consideration for public safety operators.

**Rogers discussion on Multi-factor Authentication**

Michael Studniberg noted that Rogers has been having issues with the 263 area code in Montreal. Rogers has assigned some of the numbers out to their wireless customers and are getting complaints saying the numbers don’t work for banks/government, etc. The companies are reporting that it is not a valid phone number and it seems to be related to the new area code.

Ofir Smadja asked if the issues were related to VoIP status? Michael Studniberg noted that they do not have any reason to believe it is related to anything like that. Rogers believes they have done everything the same way as usual when rolling out a new NPA.

Michael Studniberg asked if any other carriers have experienced this issue? Does anyone have any ideas how this might be addressed?

Ed Antecol noted that the CNA website has a .csv file that lists all of the current CO Code statuses which is updated nightly. Carriers can check that file whenever they need to. If someone complains that these NPA 263 phone numbers are not valid numbers, that person can be pointed to the file on the CNA website.

Ed Antecol noted that there are parties who have been taking wireline numbers and using them for VoIP or text messaging. The only way for a person to do that is to pay for an authentication service provider.

Michael Studniberg noted that he believes it may be related to the whole NPA. He has been in touch with Lucie Pugliese who heads the Telecommunications Alliance when new NPAs are being stood up.

Kelly Walsh asked if Michael Studniberg had asked where companies were obtaining their list of NPAs. Michael Studniberg noted that he has not been able to ask that yet.

Ofir Smadja suggested that Michael Studniberg contact some of the security agencies and groups that may be responsible for some of the multi-factor authentication services.

Ed Antecol suggested that Lucie Pugliese publicize that the CNA provides a source of all the valid NPAs and CO Codes in Canada.

**TIF 118 (Update CSCN-Administered Guidelines for Thousands-Block Pooling)**

 This item was skipped at this meeting due to time constraints.

**Discuss CNA contribution to sunset the Canadian System Identifier (SID) Assignment Guidelines**

This item was skipped at this meeting due to time constraints.

**Other Business**

None

**Summary of Agreements Reached**

1. Agreement was reached to accept the agenda as modified.

**Summary of Action Items**

1. Joey-Lynn Abdulkader will submit a contribution to sunset the *Canadian Adjunct to the INC Personal Communications Services (PCS) 5YY NXX Code Assignment Guidelines* **(Ongoing)**
2. Fiona Clegg will include an update on if/when any Railway or Electricity Operators (REOs) begin requesting MNCs. **(Ongoing)**
3. The CNA will propose a TIF to update the NPA Relief Planning Guideline to define TSPs with improved granularity. **(Ongoing)**
4. Fiona Clegg will report on INC items related to Thousands-block pooling going forward. **(Ongoing)**
5. ILECs are asked to investigate the use of 950 in their networks.
6. The CNA will draft a contribution for a proposed TIF to update the IMSI Guideline with consideration for public safety operators.

**Attachments**

The following documents are attached in the relevant discussion sections:

* CNAG0624A – CSCN 129 agenda (incl. in-meeting changes)
* NPA Status Report
* January 2024 G- & R-NRUF Report