**NPA 506 RELIEF**

**(Implementation of New Overlay NPA 428)**

**NETWORK IMPLEMENTATION TASK FORCE (NITF)**

**SECOND PROGRESS REPORT TO THE RELIEF PLANNING COMMITTEE (RPC)**

**19 May 2023**

**INTRODUCTION**

This final NITF Progress Report is submitted to the Relief Planning Committee (RPC) and CRTC staff for NPA 506 as required under Telecom Decision CRTC 2020-363.

**ROLE of NITF and TSP REPRESENTATIVES**

The role of the NITF is to identify and address network implementation issues that affect all carriers. The responsibilities of the NITF include, but are not limited to:

1. Develop and agree on a NIP and schedule;

2. Develop and submit progress reports;

3. Identify and address NIP issues;

4. Act as single point of contact on NIP issues;

5. Identify any network concerns or issues regarding the implementation of relief and advise the RPC, the Commission or Commission staff as appropriate; and,

6. Develop inter-network test plans, as necessary.

The role of the individual NITF representative of each TSP is to ensure that its TSP organization develops, submits and implements its individual network implementation plan in accordance with the NIP and associated schedule. Each representative acts as the single point of contact for implementation of the NIP and activities for its organization. Each TSP is responsible to develop, submit and implement its individual network implementation plan in accordance with the industry level NIP.

Individual TSPs and industry database owners/operators (e.g., Canadian Local Number Portability Consortium) should notify the NITF, or Commission staff, or the Commission, as appropriate, if there are any problems or concerns with modifying their systems and databases in time to implement relief in accordance with this RIP.

**NITF OBJECTIVES**

1. Implement the standard network announcements for the 7- to 10-Digit Dialling Transition Period and for mandatory 10-digit local dialling in accordance with the CRTC Decision, RIP and Relief Implementation Schedule.
2. Make all network and interconnection modifications to implement 10-digit dialling for all local calls originating within NPA 506.
3. Implement all necessary network modifications for the introduction of new NPA Code 428 in the NPA 506 area.
4. Lay the foundation for seamless addition of new NPAs in the future through successful transition to local 10-digit dialling.

**PROGRESS REPORTS**

All TSPs shall provide progress reports to the NITF for submission to the RPC in accordance with the Relief Implementation Schedule.

The Relief Implementation Plan Schedule indicates that the Final Progress Reports are required as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 77 | TSPs submit Final Progress Reports to CATF and NITF (starts on Relief Date and provides 2 weeks for preparation & submission) | TSPs | 29-Apr-23 | 13-May-23 |
| 78 | NITF and CATF develop & submit Final Progress Report to RPC (linked to TSP reports to NITF and CATF) | NITF & CATF | 13-May-23 | 27-May-23 |
| 79 | RPC submits Final Progress Report to CRTC staff (linked to NITF and CATF reports) | RPC | 27-May-23 | 10-June-23 |

**CARRIER PROGRESS REPORTS**

Attached to this NITF Progress Report are the individual Progress Reports submitted by the following Carriers (CO Code Holders):

* Bell Canada (including Bell Mobility and Telebec)
* Bragg/Eastlink
* Distributel Communications Ltd
* Rogers Communications (including FIDO)
* TELUS (TELUS Mobility and TELUS Communications)

The known TSPs that did not submit a progress report to the NITF are:

* Comwave
* Iristel

The NITF is not aware of any other current or future TSPs that may decide to operate in the affected NPA prior to the relief date.

**NETWORK IMPLEMENTATION PLAN PROGRESS**

The NITF is following the schedule in the RIP for this NPA (see Attachment 1). All network implementation activities are proceeding according to the schedule contained in the Relief Implementation Plan (RIP).

The NITF reports that no major problems were identified by TSPs during the implementation of relief of NPA 506.

However, the NITF advises that there are several known TSPs that did not submit a progress report to the NITF. It is expected that those TSPs will submit their reports directly to the CRTC.

Submitted by:

Marie-Christine Hudon

Chair NITF

**ELIEF IMPLEMENTATION SCHEDULE**

**For 7- to 10-Digit Dialling Transition and a Distributed Overlay**

**of new NPA 428 over NPA 506**

| **Item** | **Task or Event** | **PRIME** | **START** | **END** |
| --- | --- | --- | --- | --- |
| 1 | CNA identifies NPA exhaust and notifies by e-mail CRTC staff, CSCN, NANPA & CISC that the NPA will exhaust within 72 months | CNA |  | 11-Mar-16 |
| 2 | CNA conducts R-NRUF & releases results | CNA | 20-Jun-16 | 12-Oct-16 |
| 3 | CRTC issues Telecom Notice of Consultation regarding establishment of an ad hoc Relief Planning Committee (RPC) | CRTC |  | 31-May-16 |
| 4 | RPC Chair starts preparing and submitting NPA 506 RPC Chair Reports to the CISC, on an as required basis. | RPC Chair | 1-Jun-16 |  |
| 5 | CNA announces the date for the initial NPA Relief Planning face-to-face meeting | CNA | 9-Mar-17 |  |
| 6 | CNA develops and distributes Initial Planning Document (IPD) to RPC & requests contributions | CNA | 30-Jun-17 |  |
| 7 | RPC participants review IPD & submit contributions to RPC | RPC | 30-Jun-17 | Aug 31 2017 |
| 8 | CNA chairs initial RPC meeting to start development of Planning Document (PD) & Relief Implementation Plan (RIP) & schedules future meetings/conference calls | CNA, RPC | 12-Sep-17 | 14-Sep-17 |
| 9 | CNA chairs subsequent RPC meetings/conference calls to finalize PD and RIP | CNA, RPC | 14-Sep-17 | 14-Sep-18 |
| 10 | The RPC creates Consumer Awareness (CATF) and Network Implementation (NITF) Task Forces | RPC | 14-Sep-18 | 12-Oct-18 |
| 11 | CNA forwards PD and RIP to the CISC and CRTC for approval | CNA | 12-Oct-18 | 26-Oct-18 |
| 12 | Special Types of Telecommunications Service Users (9-1-1 PSAPs, alarm companies, ISPs, paging companies, etc.) to identify any concerns to RPC & CRTC | Special Users | 12-May-18 | 12-Oct-18 |
| 13 | CRTC issues Telecom Decision approving a Relief Option, Relief Date, & New NPA, and RIP | CRTC | 26-Oct-18 | 24-Jan-19 |
| 14 | CNA obtains relief NPA from NANPA | CNA | 24-Jan-19 | 7-Feb-19 |
| 15 | RPC develops the Planning Letter (PL) | RPC | 7-Feb-19 | 21-Feb-19 |
| 16 | Task Forces, Telecommunications Service Providers (TSPs) and users implement relief (starts at CRTC approval of Relief Option & Date and ends on Relief Date) | TSPs | 24-Jan-19 | 21-Nov-20 |
| 17 | All TSPs to develop and file individual consumer awareness programs with the CRTC (may be done collectively by Telecommunications Alliance) (starts at CRTC approval of RIP and should be completed about 24 months prior to the Relief Date) | TSPs | 30-Jan-19 | 19-Feb-19 |
| 18 | CNA issues media release (in coordination with Telecommunications Alliance) (may start upon CRTC approval of RIP and should be issued at least 18 months prior to the Relief Date) | CNA | 30-Jan-19 | 21-May-19 |
| 19 | CNA submits PL and RIP to NANPA (should be submitted at least 18 months prior to the Relief Date) | CNA | 30-Jan-19 | 21-May-19 |
| 20 | NANPA receives and posts Planning Letter to NANPA website (within 2 weeks of receipt from the CNA) | NANPA | 21-May-19 | 4-Jun-19 |
| 21 | All TSPs implement consumer awareness activities (starts upon filing of Consumer Awareness Programs with the CRTC and is completed on the Relief Date) | TSPs | 19-Feb-19 | 21-Nov-20 |
| 22 | All TSPs to notify all customers (residence, business & special customers) of the new NPA and, if applicable, of the need to transition from 7- to 10-digit local dialling (may start with the filing of Consumer Awareness Programs with the CRTC and all customers should be notified at least 18 months prior to the Relief Date) | TSPs | 19-Feb-19 | 21-May-19 |
| 23 | TSPs to submit Progress Report #1 to NITF and CATF (starts after completion date for all TSPs to notify their customers and requires 2 weeks) | TSPs | 21-May-19 | 4-Jun-19 |
| 24 | NITF and CATF develop & submit Progress Report #1 to RPC (linked to TSP reports to NITF and CATF) | NITF & CATF | 4-Jun-19 | 18-Jun-19 |
| 25 | RPC submits Progress Report #1 to CRTC staff (linked to NITF and CATF reports) | RPC | 18-Jun-19 | 2-Jul-19 |
| 26 | CNA releases July 2019 R-NRUF results indicating the Projected Exhaust Date is April 2023 | CNA | 20-Sep-19 | 20-Sep-19 |
| 27 | Bell Canada submits Contribution proposing new Relief Date (23 April 2022) and Relief Implementation Schedule |  | 20-Sep-19 | 18-Oct-19 |
| 28 | CNA announces the date for RPC conference call to review contribution | CNA | 18-Oct-19 | 25-Oct-19 |
| 29 | CNA chairs conference call to review contributions | CNA | 7-Nov-19 | 7-Nov-19 |
| 30 | CNA chairs subsequent conference calls if necessary to finalize TIF report, schedule and revised RIP | CNA | 7-Nov-19 | 28-Nov-19 |
| 31 | CNA forwards revised schedule and RIP to CISC and CRTC | CNA | 28-Nov-19 | 5-Dec-19 |
| 32 | CRTC issues Telecom Decision approving revised Relief Date (23 April 2022), schedule and RIP | CRTC | 5-Dec-19 | 24-Apr-20 |
| 33 | CNA releases January 2020 R-NRUF results indicating the Projected Exhaust Date is March 2024 | CNA | 24-Mar-20 | 24-Mar-20 |
| 34 | CNA announces the date for RPC conference call to review contribution on revised Relief Date (29 April 2023) | CNA | 1-May-20 | 8-May-20 |
| 35 | CNA chairs conference call to review contributions | CNA | 22-May-20 | 29-May-20 |
| 36 | CNA chairs subsequent conference calls if necessary to finalize TIF report, schedule and revised RIP | CNA | 29-May-20 | 12-Jun-20 |
| 37 | CNA forwards revised RIP to CISC and CRTC | CNA | 12-Jun-20 | 26-Jun-20 |
| 38 | CRTC issues Telecom Decision on revised Relief Date (29 April 2023), schedule and RIP | CRTC | 26-Jun-20 | 30-Oct-20 |
| 39 | CNA submits revised PL to NANPA (should be submitted at least 18 months prior to the Relief Date) | CNA | 30-Oct-20 | 26-Oct-21 |
| 40 | NANPA receives and posts revised Planning Letter to NANPA website (within 2 weeks of receipt from the CNA) | NANPA | 26-Oct-21 | 9-Nov-21 |
| 41 | All TSPs develop and file any changes to individual consumer awareness programs with the CRTC (may be done collectively by Telecommunications Alliance) | TSPs | 30-Oct-20 | 25-Apr-21 |
| 42 | CNA issues media release (in coordination with Telecommunications Alliance prior to the Relief Date) | CNA | 30-Oct-20 | 26-Oct-21 |
| 46 | All TSPs to notify all customers (residence, business & special customers) of the new NPA and, if applicable, of the need to transition from 7- to 10-digit local dialling (may start with the filing of Consumer Awareness Programs with the CRTC and all customers should be notified at least 18 months prior to the Relief Date) | TSPs | 25-Apr-21 | 26-Oct-21 |
| 47 | TSPs to submit Communications Progress Report #2 to CATF (starts after completion date for all TSPs to notify their customers and requires 2 weeks) | TSPs | 26-Oct-21 | 9-Nov-21 |
| 48 | CATF develops & submits CATF Progress Report #2 to RPC (linked to TSP reports to CATF) | CATF | 9-Nov-21 | 23-Nov-21 |
| 49 | RPC submits CATF Progress Report #2 to CRTC staff (linked to CATF reports) | RPC | 23-Nov-21 | 7-Dec-21 |
| 50 | iconectiv TRA database updates to add Exchanges to new overlay NPA (starts on the date that the PL is posted to the NANPA web site and must be completed by 6 months prior to the Relief Date) | iconectiv TRA | 9-Nov-21 | 27-Oct-22 |
| 51 | All Telecommunications Service Providers and Telecommunications Service Users (including Special Users 9-1-1 PSAPs, alarm companies, ISPs, paging companies, payphone providers, etc.) to implement changes to their telecom equipment & systems to accommodate the new NPA and the transition from 7- to 10-digit local dialling (starts upon CRTC approval of RIP and ends on the Relief Date) | TSPs & Telecom Service Users | 30-Oct-20 | 29-Apr-23 |
| 52 | Payphone Providers reprogram payphones (starts upon CRTC approval of RIP and ends on the Relief Date) | Payphone Providers | 30-Oct-20 | 29-Apr-23 |
| 53 | TSPs and database owners/operators to modify systems and industry databases (starts on CRTC approval of RIP and ends on the Relief Date) | TSPs & Database Owners | 30-Oct-20 | 29-Apr-23 |
| 54 | Operator Services & Directory Assistance Readiness (starts on CRTC approval of RIP and ends on the Relief Date) | TSPs | 30-Oct-20 | 29-Apr-23 |
| 55 | Directory Publisher Readiness for relief (ability to identify the NPA in telephone numbers in the directory published after the new NPA is activated) (starts upon CRTC approval of RIP and ends on the Relief Date) | Directory Publishers | 30-Oct-20 | 29-Apr-23 |
| 56 | 9-1-1 Systems and Databases Readiness (starts on CRTC approval of RIP and ends on the Relief Date) | PSAPS, 9‑1‑1 Service Providers & TSPs | 30-Oct-20 | 29-Apr-23 |
| 57 | Network Systems & Equipment Readiness (starts on CRTC approval of RIP and ends on the Relief Date) | TSPs | 30-Oct-20 | 29-Apr-23 |
| 58 | Service Order & Business System Readiness (starts on CRTC approval of RIP and ends on the Relief Date) | TSPs | 30-Oct-20 | 29-Apr-23 |
| 59 | International Gateway Switch Translations Readiness for new NPA (starts on CRTC approval of RIP and ends on the Relief Date) | Int’l TSPs | 30-Oct-20 | 29-Apr-23 |
| 60 | Canadian Local Number Portability Consortium (CLNPC) Database Readiness for new NPA (starts on CRTC approval of RIP and ends on the Relief Date) | CLNPC & NPAC | 30-Oct-20 | 29-Apr-23 |
| 61 | Toll Free SMS Database Readiness for new NPA (starts on CRTC approval of RIP and ends on the Relief Date) | Toll TSPs | 30-Oct-20 | 29-Apr-23 |
| 62 | TSPs apply for Test CO Codes in new NPA (applications may be submitted no more than 6 months and no less than 66 days prior to the start date for the Inter-Carrier Testing Period) (Section 7.16.4 Canadian RP GL) | TSPs | 27-Apr-22 | 21-Aug-22 |
| 63 | Develop Inter-Carrier Network Test Plans and prepare for testing (individual TSPs to make arrangements in accordance with interconnection agreements) (may start upon CRTC approval of RIP and must be completed by start date for the Inter-Carrier Testing Period) | NITF & TSPs | 30-Oct-20 | 27-Oct-22 |
| 64 | All international and domestic TSPs must activate the new NPA in their networks by the start date for the Inter-Carrier Testing Period | TSPs | 30-Oct-20 | 27-Oct-22 |
| 65 | Date by which TSPs must route all calls using 10-digit signalling (i.e., cease use of 7-digit signalling) for local traffic sent to and received from other TSPs (must be completed by the start date for the Inter-Carrier Testing Period) (TSPs may, but are not obligated to, negotiate special routing arrangements on a bilateral basis if required) | TSPs |  | 27-Oct-22 |
| 66 | Activation date for new NPA Test CO Codes and Test Numbers in network must be completed by the start date for the Inter-Carrier Testing Period) | TSPs |  | 27-Oct-22 |
| 67 | Inter-Carrier Testing Period (subject to Inter-Carrier Network Test Plans) (starts about 3 months prior to the start date for the 7- to 10-Digit dialling transition period) | NITF & TSPs | 27-Oct-22 | 29-Apr-23 |
| 68 | TSPs to submit Network Progress Report #2 to NITF (starts on commencement of Inter-Carrier Testing Period) | TSPs | 27-Oct-22 | 10-Nov-22 |
| 69 | NITF develops & submits NITF Progress Report #2 to RPC (linked to TSP reports to NITF) | NITF | 10-Nov-22 | 24-Nov-22 |
| 70 | RPC submits NITF Progress Report #2 to CRTC staff (linked to NITF) | RPC | 24-Nov-22 | 8-Dec-22 |
| 71 | Phase-in of 7- to 10-Digit Dialling Transition Period announcements (starts about 3 months prior to Relief Date and occurs over 1 week) | TSPs | 20-Jan-23 | 27-Jan-23 |
| 72 | TSPs to submit Progress Report #3 to CATF & NITF | TSPs | 27-Jan-23 | 10-Feb-23 |
| 73 | CATF & NITF develop & submit Progress Report #3 to RPC (linked to TSP reports to CATF & NITF) | CATF & NITF | 10-Feb-23 | 24-Feb-23 |
| 74 | RPC submits Progress Report #3 to CRTC staff (linked to CATF & NITF reports) | RPC | 24-Feb-23 | 10-Mar-23 |
| 75 | Phase-in of mandatory 10 digit dialling announcements (occurs over 1 week and should be completed at least 1 week prior to Relief Date to address any problems that may arise) | TSPs | 15-Apr-23 | 22-Apr-23 |
| 76 | Relief Date (earliest date when CO Codes in new NPA may be activated) |  |  | 29-Apr-23 |
| 77 | TSPs submit Final Progress Reports to CATF and NITF (starts on Relief Date and provides 2 weeks for preparation & submission) | TSPs | 29-Apr-23 | 13-May-23 |
| 78 | NITF and CATF develop & submit Final Progress Reports to RPC (linked to TSP reports to NITF and CATF) | NITF & CATF | 13-May-23 | 27-May-23 |
| 79 | RPC submits Final Progress Reports to CRTC staff (linked to NITF and CATF reports) | RPC | 27-May-23 | 10-Jun-23 |
| 80 | TSPs disconnect Test Codes & Numbers, and submit Part 1 form to return Test Codes (starts 1 month after Relief Date and allows 1 month for completion) [note: moved this out to after Christmas period] | TSPs | 29-May-23 | 29-Jun-23 |
| 81 | TSPs change Mandatory 10-Digit Dialling Announcement to standard announcement (mandatory announcement is required for a minimum of 3 months) (removal starts about 3 months after Relief Date and must be completed within 1 month) | TSPs | 29-Jul-23 | 28-Aug-23 |
| 82 | RPC Chair submits, to the CISC, the final RPC Chair Report indicating that the NPA 506 ad hoc RPC is no longer required. | RPC Chair | 10-Jun-23 | 24-Jun-23 |









