NPA 416/647 RELIEF
(Implementation of New Overlay NPA 437)

FINAL
NETWORK IMPLEMENTATION TASK FORCE (NITF)
FINAL PROGRESS REPORT TO THE RELIEF PLANNING COMMITTEE (RPC)
19 April 2013

INTRODUCTION

This NITF Progress Report is submitted to the Relief Planning Committee (RPC) and
CRTC staff for NPA 416/647 as required under Telecom Decision CRTC 2011-436.

The objectives of the Network Implementation Plan (NIP) are as follows:

1. Implement all necessary network modifications for the introduction of new NPA
    Code 437 in the NPA 416/647 area.
2. Lay the foundation for seamless addition of new NPAs in the future in the NPA
    437 area.

The NPA Relief Implementation Plan (RIP) requires periodic progress reports by each
Telecommunications Service Provider (TSP) operating in the NPA and by the Network
Implementation Task Forces (NITF) established for each NPA relief project.

The Relief Implementation Plan Schedule indicates that the following Final Progress
Report is required:

	ITEM	PRIME	START	END
41	TSPs submit Final Progress Report to NITF and CATF (starts on Relief Date and provides 2 weeks for preparation and submission)	TSPs	25 Mar 2013	8 Apr 2013
42	NITF and CATF develop & submit Final Progress Report to RPC	NITF & CATF	8 Apr 2013	22 Apr 2013
43	RPC submits Final Progress Report to CISC/CRTC	RPC	22 Apr 2013	6 May 2013

CARRIER PROGRESS REPORTS

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

- Beanfield Technologies
- Bell Canada (including Bell Mobility)
- Comwave Networks Inc.
- Distributel Communications Limited
- ExaTEL
- Fibernetics Corporation
- Globalive Wireless Management

- Iristel Inc
- MTS Allstream
- Public Mobile Incorporated
- Rogers Communications Partnership and FIDO Solutions Inc.
- TELUS (Including TELUS Mobility and TELUS Integrated Communications)
- Videotron

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

- DAVE Wireless (Mobilicity)
- FlexITy Solutions Inc
- Globility Communications Corporation
- ISP Telecom
- Managed Network Systems Inc. (MNSI)
- Navigata Communications
- Telnet Communications
- YAK Communications

NETWORK IMPLEMENTATION PLAN PROGRESS

The NITF has followed the schedule in the RIP for this NPA (see Attachment 1). All network implementation activities have been implemented 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 for NPAs 416/647. The NITF also advises that, per the RIP, all TSPs will ensure that Test CO Codes and numbers will be terminated by 24 May 2014.

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:

Laurie Bowie
Chair NITF

RELIEF IMPLEMENTATION SCHEDULE
for a Distributed Overlay of new NPA 437 over NPA 416/647

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 the future six year time period	CNA		25-Mar-10
2	CNA conducts first R-NRUF (June 2010 R-NRUF)		15-Jun-10	15-Sep-10
3	CRTC issues Telecom Notice of Consultation regarding RPC Ad Hoc CISC and Interested Parties list	CRTC		20-Jul-10
4	CNA develops and distributes IPD to RPC		15-Sep-10	19-Oct-10
5	RPC participants review IPD & submit contributions to RPC	RPC	19-Oct-10	16-Apr-10
6	CNA chairs initial RPC meeting to start development of PD, RIP & PL, & schedules future meetings/conference calls including creation & consultation with CATF and NITF	CNA RPC	09-Nov-10	10-Nov-10
7	CNA chairs subsequent RPC meetings/conference calls to finalize PD & RIP	CNA RPC	10-Nov-10	09-May-11
8	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		09-May-11
9	CNA forwards Planning Document (PD) and, possibly, RIP to the CISC and CRTC for approval	CNA		16-May-11
10	CRTC issues Telecom Decision approving the Relief Method, Relief Date, New NPA & Relief Implementation Plan (RIP)	CRTC		15-Jul-11
11	Task Forces, TSPs and users implement relief (starts upon CRTC approval of RIP and ends on Relief Date)	TSPs	15-Jul-11	25-Mar-13
12	All Telecom Service Providers (TSPs) to develop and file individual consumer awareness programs with the CRTC (may be done collectively by Telecommunications Alliance) (starts upon CRTC approval of RIP and should be completed about 24 months prior to the Relief Date)	TSPs	15-Jul-11	24-Sep-11
13	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		24-Sep-11
14	CNA submits PL and RIP to NANPA (should be submitted at least 18 months prior to the Relief Date)	CNA		24-Sep-11
15	NANPA receives and posts Planning Letter to NANPA website (within 2 weeks of receipt from the CNA)	NANPA	24-Sep-11	08-Oct-11
16	All TSPs implement consumer awareness activities (starts upon filing of Consumer Awareness Programs with the CRTC and is completed on the Relief Date)	TSPs	24-Sep-11	25-Mar-13
17	All TSPs to notify all customers (including residence, business & special customers) of the new overlay NPA (may start upon the filing of Consumer Awareness Programs with the CRTC and all customers should be notified by at least 18 months prior to the Relief Date)	TSPs	24-Sep-11	24-Sep-11

Item	Task or Event	PRIME	START	END
18	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	24-Sep-11	09-Oct-11
19	NITF and CATF develop & submit Progress Report #1 to RPC (linked to TSP reports to NITF and CATF)	NITF & CATF	09-Oct-11	23-Oct-11
20	RPC submits Progress Report #1 to CISC/CRTC (linked to NITF and CATF reports)	RPC	23-Oct-11	06-Nov-11
21	Telcordia 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)	Telcordia TRA	08-Oct-11	25-Sep-12
22	All Telecommunications Service Users (including Special Users 9-1-1 PSAPs, alarm companies, ISPs, paging companies, etc.) to implement changes to their telecom equipment & systems to accommodate the new NPA (starts upon CRTC approval of RIP and ends on the Relief Date)	Telecom Service Users	15-Jul-11	25-Mar-13
23	Payphone Providers Reprogram Payphones (starts upon CRTC approval of RIP and ends on the Relief Date)	Payphone Providers	15-Jul-11	25-Mar-13
24	TSPs and database owners/operators to modify systems and industry databases (starts upon CRTC approval of RIP and ends on the Relief Date)	TSPs & Database Owners	15-Jul-11	25-Mar-13
25	Operator Services & Directory Assistance Readiness (starts upon CRTC approval of RIP and ends on the Relief Date)	TSPs	15-Jul-11	25-Mar-13
26	Directory Publisher Readiness for overlays (ability to identify the NPA in telephone numbers in the directory published after the Overlay NPA is activated) (starts upon CRTC approval of RIP and ends on the Relief Date)	Directory Publishers	15-Jul-11	25-Mar-13
27	9-1-1 PSAP Systems and Databases Readiness (starts upon CRTC approval of RIP and ends on the Relief Date)	PSAPS & TSPs	15-Jul-11	25-Mar-13
28	9-1-1 TSP Readiness (starts upon CRTC approval of RIP and ends on the Relief Date)	TSPs	15-Jul-11	25-Mar-13
29	ISCP & Service Order Systems Readiness (starts upon CRTC approval of RIP and ends on the Relief Date)	TSPs	15-Jul-11	25-Mar-13
30	International Gateway Switch Translations Readiness for new NPA (starts upon CRTC approval of RIP and ends on the Relief Date)	Int'l TSPs	15-Jul-11	25-Mar-13
31	Canadian Local Number Portability Consortium (CLNPC) Database Readiness for new NPA (starts upon CRTC approval of RIP and ends on the Relief Date)	CLNPC & NPAC	15-Jul-11	25-Mar-13
32	Toll Free SMS Database Readiness for new NPA (starts upon CRTC approval of RIP and ends on the Relief Date)	Toll TSPs	15-Jul-11	25-Mar-13
33	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	07-Jul-12	02-Nov-12

Item	Task or Event	PRIME	START	END
34	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	15-Jul-11	07-Jan-13
35	All international and domestic Telecommunications Service Providers (TSPs) must activate the new NPA in their networks by the start date for the Inter-Carrier Testing Period	TSPs		07-Jan-13
36	Activation date for Overlay NPA Test CO Codes and Test Numbers in network (should be completed by the start date for the Inter-Carrier Testing Period)	TSPs		07-Jan-13
37	Inter-Carrier Testing Period (subject to Inter-Carrier Network Test Plans) (starts about 3 months prior to the Relief Date, and ends about 1 month after the Relief Date)	NITF & TSPs	07-Jan-13	24-Apr-13
38	TSPs to submit Progress Report #2 to NITF and CATF (starts on commencement of Inter-Carrier Testing Period)	TSPs	09-Nov-12	23-Nov-12
39	NITF and CATF develop & submit Progress Report #2 to RPC (linked to TSP reports to NITF and CATF)	NITF & CATF	23-Nov-12	07-Dec-12
40	RPC submits Progress Report #2 to CISC/CRTC (linked to NITF and CATF reports)	RPC	07-Dec-12	21-Dec-12
41	Relief Date (earliest date when CO Codes in new NPA may be activated)			25-Mar-13
42	TSPs submit Final Report to CATF and NITF (starts on Relief Date and provides 2 weeks for preparation & submission)	TSPs	25-Mar-13	08-Apr-13
43	NITF and CATF develop & submit Final Progress Report to RPC (linked to TSP reports to NITF and CATF)	NITF & CATF	08-Apr-13	22-Apr-13
44	RPC submits Final Progress Report to CISC/CRTC (linked to NITF and CATF reports)	RPC	22-Apr-13	06-May-13
45	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)	TSPs	24-Apr-13	24-May-13

beanfield
METROCONNECT

April 5, 2013

BEANFIELD METROCONNECT REPORT TO THE
416/647 NETWORK IMPLEMENTATION TASK FORCE (NITF)

Although Beanfield Metroconnect is not yet operating as a CLEC in Toronto and, therefore, has not participated in intercarrier testing, we confirm that Beanfield's network will fully support the 437 NPA overlay.

Yours truly,

Dan Armstrong
Chief Technology Officer

Bell

Bell Canada & Bell Mobility

NPA 416/647 Relief
PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE (NITF)
(Implementation of NPA Code 437 Overlay)
5 April 2013

PROGRESS REPORT

Bell Canada & Bell Mobility (Bell) submit this Final Progress Report to the NITF with the understanding that it will be attached to the NITF Progress Report to the Relief Planning Committee (RPC).

This progress report provides an update on the status of activities to implement the new overlay NPA Code 437 in the Numbering Plan Area (NPA) currently served by NPA Codes 416 and 647.

Bell reports that all network activities have been successfully implemented in accordance with the schedule contained in the RIP. This includes the implementation of the new NPA Code 437 effective on 25 March 2013.

Test Numbers and CO Codes will be terminated by 25 May 2013.

Laurie Bowie
Manager – Network Planning
Bell Canada

comwave networks

April 5, 2013

ATTN: Ms. Laurie Bowie – Chair – NPA 416/647 NITF

RE: Final Progress Report for NITF for the 416/647 NPA RIP

Comwave Networks Inc ("Comwave"), submits this progress report to the NITF to provide an update on the status of its activities for the implementation of the new overlay NPA 437.

Comwave has ensured all the necessary activities for the implementation of the new overlay NPA 437 have been addressed and does not foresee any issues.

Sincerely,

Priyesh Modi
Sr. Project Manager

DISTRIBUTEL

Distributel Communications Limited
300 - 177 Nepean Street
Ottawa ON
K2P 0B4

April 1, 2013

Final Progress Report to the NPA 416/647 Network Implementation Task Force (NITF)

Distributel Communications Limited (Distributel) submits this final progress report to the Network Implementation Task Force (NITF) to provide an update on the implementation of the new overlay NPA Code 437 for the region currently served by NPA Codes 416 and 647.

The new NPA 437 has been successfully implemented in our network. No issues or concerns were encountered with this implementation.

Diane Dolan
Distributel Communications Limited

April 5 2013

NPA 416/647 NITF Final Progress Report
PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE
(NITF)

ExaTEL submits this final progress report to the NITF regarding the implementation of relief for NPA 416/647.

ExaTEL reports that all network implementation activities have been successfully completed in accordance with the schedule identified in the implementation plan.

Sincerely,

Kathleen Turnsek
Regulatory Affairs

Fibernetics Corporation
605 Boxwood Drive
Cambridge, Ontario
N3E 1A5

March 25, 2013

**Final Report to the Network Implementation Task Force (NITF)
Re: NPA 416/647 Relief Implementation Plan (RIP)**

Ms. Laurie Bowie,
Chair – NPA 416/647 NITF

Fibernetics Corporation has completed all applicable activities as contained in the
schedule for the NITF RIP for NPA 416/647.

Sincerely,

Mr. Rick Schleihauf

Rick Schleihauf
VP Regulatory Affairs and Carrier Relations
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WIND

March 28, 2013

Laurie Bowie
Network Planning
Bell Canada
100 Dundas Street, Floor 4G
London ON N6A 5B6

Re: Status Report on progress of Implementation of Relief for NPA 416/647

Globalive Wireless Management Corp., doing business as WIND Mobile ("WIND") submits to the NTIF that it is following the schedule contained Relief Planning Plan (RIP) for NPA 437. WIND further advises that it expects to continue to satisfy the remaining applicable dates and has no concerns to identify at this time.

Yours truly,

Edward Antecol
VICE PRESIDENT, REGULATORY AND CARRIER RELATIONS

IRISTEL

PROGRESS REPORT
TO THE NETWORK IMPLEMENTATION TASK FORCE

(NITF)

NPA 416/647

Mar 25th, 2013

PROGRESS REPORT

Iristel Inc reports that followed and follows the schedule contained in the NPA 416/647 Relief Implementation Plan (RIP) and implements all the network changes required.

Respectfully,

IRISTEL

DIANA SANDU

Regulatory Affairs

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PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE
(NITF)
NPAs 416/647

MTS / Allstream submits this final progress report to the NITF to provide an update on the status of its activities to implement new NPA Overlay 437 in the current 416/647 area..

MTS / Allstream is following the schedule in the Relief Implementation Plans (RIPs) for NPA 416/647. Test numbers were implemented in the network by January 7 2013.

MTS / Allstream further advises that the completion of activities will take place between April 24 2013 and May 24 2013 with the removal of the test numbers as per schedule in the RIP. All other network activities have been completed.

Kevin McGouran
MTS / Allstream

Public Mobile Inc
1920 Yonge St, Suite 400
Toronto, ON
M4S 3E2

April 5, 2013

Final Progress Report to the NPA 416/647 Network Implementation Task Force (NITF)

Public Mobile Inc submits this final progress report to the Network Implementation Task Force (NITF) to provide an update on the implementation of the new overlay NPA Code 437 for the region currently served by NPA Codes 416/647.

The new NPA 437 has been successfully implemented in our network. No issues or concerns were encountered with this implementation.

Tony McCarthy

Inter-Carrier Operations
C. 416.317.8984 F. 416.486.3269

ROGERS™

April 5th, 2013

PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE (NITF)

NPA 416/647

Rogers submits this progress report to the NITF to provide an update on the status of its activities to implement the new overlay NPA 437.

Rogers has completed the required activities part of the Relief Implementation Plan (RIPs) for NPA 416/647. The Company advises that all activities were implemented in accordance with the described schedule of NITF activities identified in the Relief Implementation Plans.

Prepared by – Jean Michel Dupuis, Public Services Coordinator

![TELUS logo]

April 8, 2013

FINAL PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE (NITF)

NPA 416/647 Relief
(Implementation of new NPA 437 as a Distributed Overlay on NPA 416/647)

PROGRESS REPORT

TELUS (TELUS Mobility and TELUS Integrated Communications) submit this progress report to the NITF to provide an update on the status of activities to implement new NPA Code 437 in the Numbering Plan Area (NPA) currently served by NPA Codes 416 and 647.

TELUS reports that all network implementation activities have been implemented in accordance with the schedule contained in the RIP. This includes all modifications required to systems and processes, assignment and activation of Test CO Code on TELUS Mobility arm and Test Numbers to facilitate Network and Billing testing. The new NPA 437 has been successfully implemented in TELUS network.

Test CO Code and Test Numbers will be terminated by 24 May 2013.

Olena Bilozerska
TELUS
Network Planning Manager

PROGRESS REPORT TO THE NETWORK IMPLEMENTATION TASK FORCE - MARCH 26, 2013

INTRODUCTION :

VIDEOTRON SUBMITS THIS PROGRESS REPORT TO THE NITF TO PROVIDE AN UPDATE ON THE STATUS OF ITS ACTIVITIES REGARDING THE INTRODUCTION OF A NEW NPA IN THE AREA COVERED BY NPA 416/647.

PROGRESS REPORT :

VIDEOTRON HAS FOLLOWED THE SCHEDULE IN THE RELIEF PLAN, ALL NETWORK ACTIVITIES ARE COMPLETED.

VIDEOTRON HAS NO CONCERN TO IDENTIFY AT THIS TIME.

PREPARED BY :

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