

Number: PL-369  
Date: October 15, 2007  
From: Canadian Numbering Administrator (CNA)  
Subject: NPA 587 to Overlay NPAs 403 and 780 (Alberta, Canada)  
Related Previous Planning Letters: PL-364

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**This Planning Letter supersedes Planning Letter 364 dated July 27, 2007.**

In Telecom Decision CRTC 2007-42, *Code relief for area codes 403 and 780 – Alberta*, dated 14 June 2007, the Canadian Radio-television and Telecommunications Commission (CRTC) approved the introduction of a new area code for Alberta, Canada to the regions currently served by area codes 403 and 780. The new area code 587 assigned by the North American Numbering Plan Administration (NANPA) will be implemented in a "distributed overlay" over the entire province of Alberta covering both area codes 403 and 780 on the relief date of 19 September 2008.

Maps showing the area served by NPAs 403, 780 and the new overlay NPA 587 as well as lists of exchange areas in each area code in Alberta are attached to this letter.

Prior to mandatory 10-digit local dialling, callers dialling local calls with 7 digits will hear a network announcement notifying them to dial local calls with 10-digits in the future, after which their calls will be completed. Canadian carriers operating in NPAs 403 and 780 in Alberta will start providing this network announcement no earlier than 23 June 2008 and no later than 27 June 2008, and maintain it until mandatory 10-digit local dialling is introduced no earlier than 8 September 2008 and no later than 12 September 2008.

When mandatory 10-digit local dialling is introduced, a caller dialling a local call with 7 digits will hear a network announcement informing the caller that local 10-digit dialling is required and directing the caller to hang up and redial using the area code plus the 7-digit number they are calling.

The dialling plan for the NPA 403/780/587 overlay area will be as follows:

- All local calls, including Extended Area Service calls, originating within the NPA 403/780/587 overlay area must be dialled with 10-digits; i.e., NPA-NXX-XXXX.
- Toll and alternately billed service calls within the NPA 403/780/587 overlay area will continue to be dialled with 10-digits after the appropriate prefix digit(s).

Any 7-digit local dialling that currently exists from Lloydminster and Marshall in area code 306 (Saskatchewan) into area code 780 (Alberta) and from Sweetgrass in area code 406 (Montana) into area code 403 (Alberta) will not be affected by the overlay of a new NPA.

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All international and domestic Telecommunications Service Providers (TSPs) should ensure that the new 587 NPA code is activated throughout their networks prior to **22 June 2008**.

The following Test Numbers for the new overlay NPA 587 will be made available for testing purposes effective 22 April 2008. Test calls to verify routing to the new overlay NPA 587 can be made by dialling the TEST numbers. Test calls to verify billing system operations using answer supervision to the new overlay NPA 587 can be made by dialling the BILL numbers.

<u>Carrier</u>	<u>Test Number</u>
Rogers	587-510-8378 (TEST)
Rogers	587-510-2455 (BILL)
TELUS	587-610-8378 (TEST)
TELUS	587-610-2455 (BILL)

Calls successfully completed to the test numbers will receive the following standard recorded announcement:

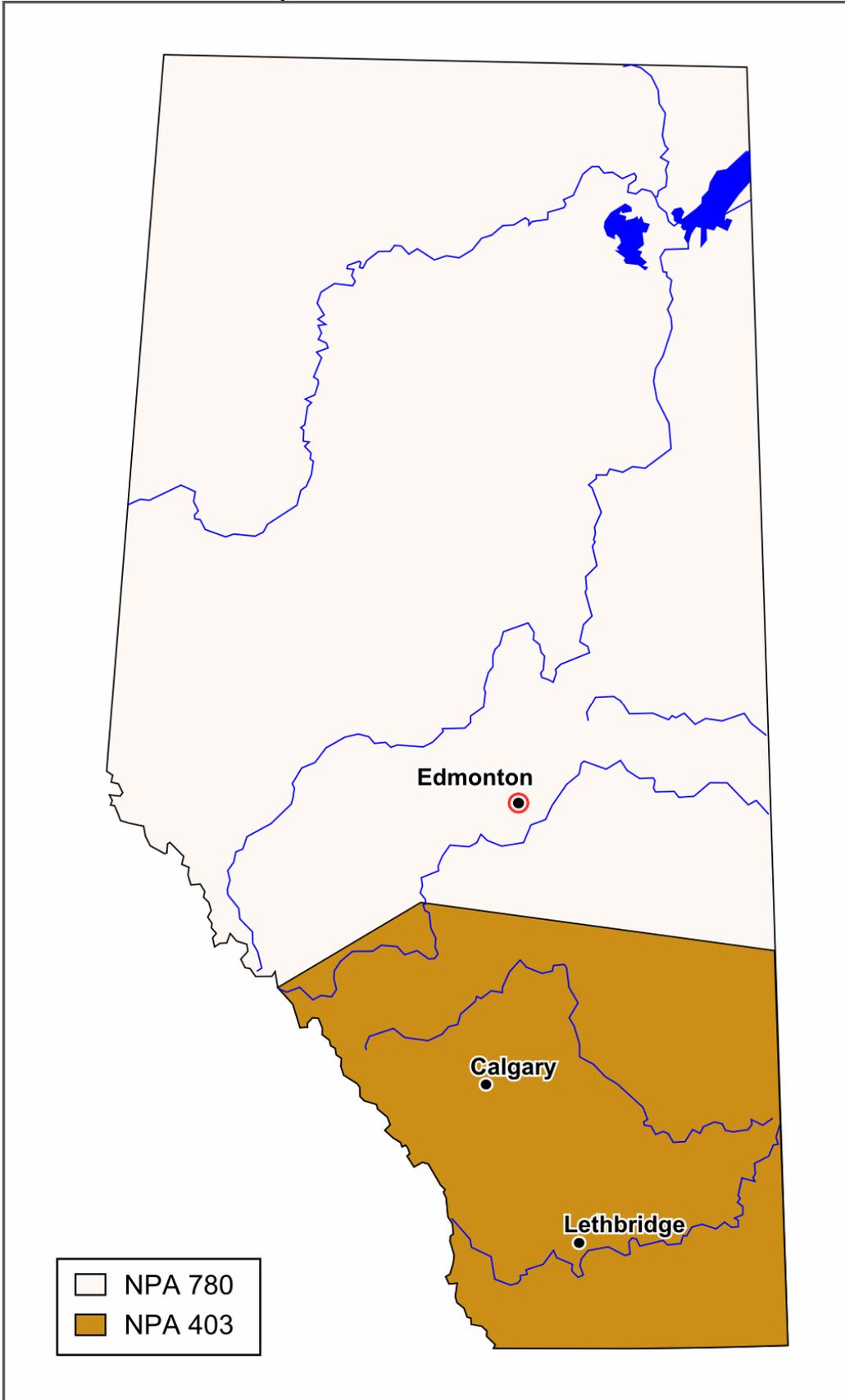
“You have successfully completed a call to the 587 Area Code Test Number at [CARRIER NAME] in Alberta, Canada”.

The Test Numbers will be disconnected between 19 September 2008 and 13 October 2008.

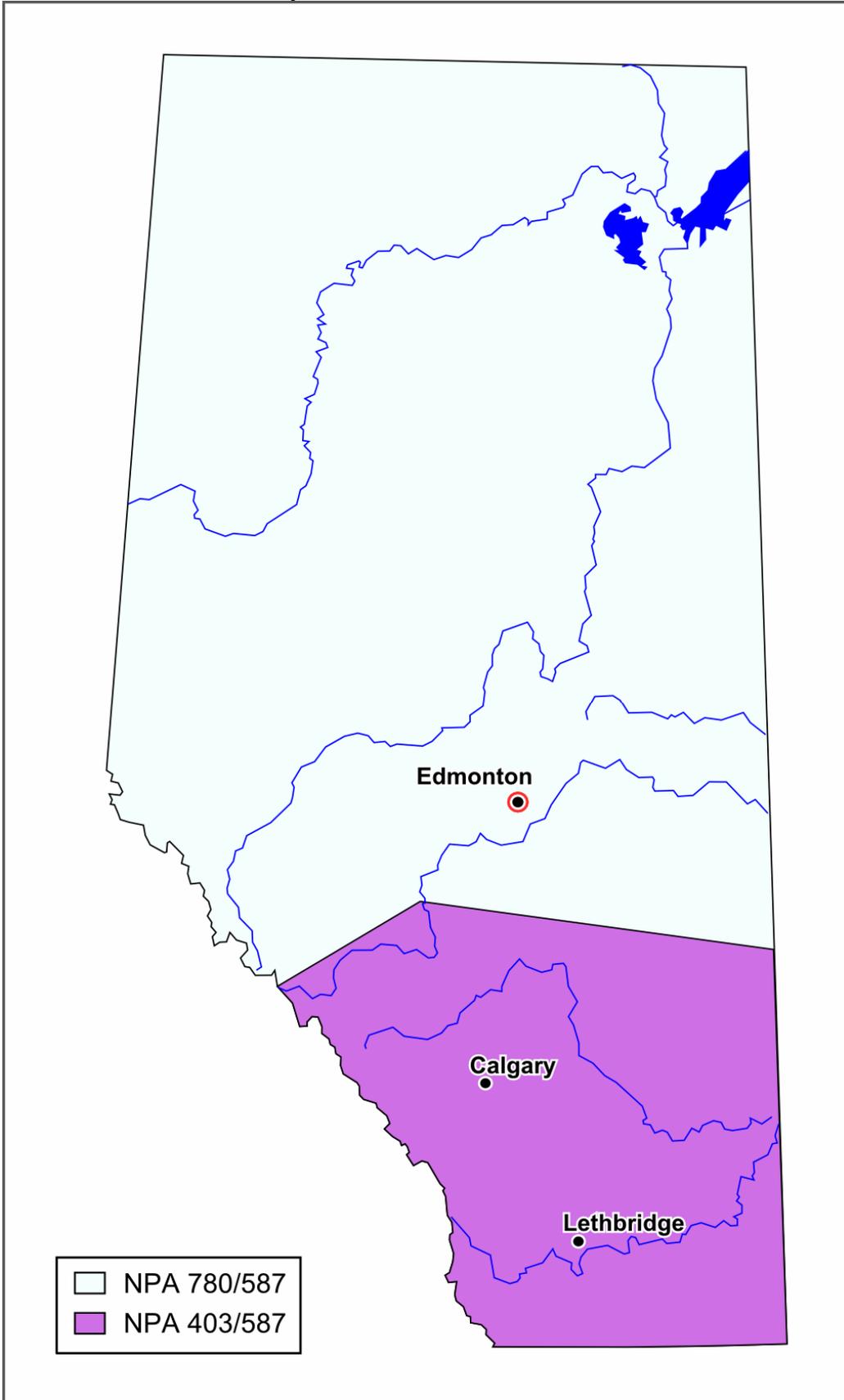
Central Office (NXX) Codes within the new overlay NPA 587 may be assigned to TSPs after **19 March 2008** (i.e., six months prior to the relief date of **19 September 2008**) however; assigned codes cannot be activated in the PSTN prior to **19 September 2008**.

General questions about this relief activity or Central Office Code Administration may be directed to Glenn Pilley or Suresh Khare, CNA, at 613-563-7242. Technical questions should be directed to the appropriate TSP.

Map of Alberta before NPA 403 & 780 Relief



Map of Alberta after NPA 403 & 780 Relief



**Local Dialling Plan for Customers in AB NPAs 403/780 and new NPA 587**

<b>Dial Plan Scenarios</b>	<b>In NPAs 403/780 today</b>	<b>In NPAs 403/780/587 after overlay</b>
Landline to Wireless within NPA	7-digits	10-digits
Landline to Wireless from NPA 403/780 to Adjacent NPAs	7-digits	10-digits
Landline to Landline within NPA	7-digits	10-digits
Landline to Landline from NPA 403/780 to Adjacent NPAs	7-digits	10-digits
Wireless to Wireless within NPA	7/10/11-digits	10/11-digits
Wireless to Wireless from NPA 403/780 to Adjacent NPAs	7/10/11-digits	10/11-digits
Wireless to Landline within NPA	7/10/11-digits	10/11-digits
Wireless to Landline from NPA 403/780 to Adjacent NPAs	7/10/11-digits	10/11-digits

**Local Dialling Plan for Customers in NPA 306 - Lloydminster & Marshall SK (no change)**

<b>Dial Plan Scenarios</b>	<b>In NPA 306 today</b>	<b>In NPA 306 after overlay of NPAs 403/780</b>
Landline to Wireless within NPA 306	7-digits	7-digits
Landline to Wireless from NPA 306 to adjacent NPAs	10-digits	10-digits
Landline to Landline within NPA 306	7-digits	7-digits
Landline to Landline from NPA 306 to NPA 780/587	7-digits	7-digits
Wireless to Wireless within NPA 306	7/10/11-digits	7/10/11-digits
Wireless to Wireless from NPA 306 to adjacent NPAs	10/11-digits	10/11-digits

**NPA 403 Exchange Areas**

ACADIA VALLEY	DIDSBURY	NOBLEFORD
ACME	DONALDA	NORDEGG
AIRDRIE	DRUMHELLER	OKOTOKS
ALIX	DUCHESS	OLDS
ALTARIO	EAST COULEE	OYEN
ARROWWOOD	ECKVILLE	PENHOLD
BANFF	ELKWATER	PICTURE BUTTE
BARONS	ELNORA	PINCHER CREEK
BASSANO	EMPRESS	PONOKA
BEISEKER	ENCHANT	RALSTON
BENTLEY	ETZIKOM	RAYMOND
BIG VALLEY	EXSHAW	RED DEER
BINDLOSS	FOREMOST	RIMBEY
BLACKFALDS	FORT MACLEOD	ROCKY MOUNTAIN HOUSE
BLACKIE	GADSBY	ROCKYFORD
BOW ISLAND	GLEICHEN	ROLLING HILLS
BOWDEN	GLENWOOD	ROSEBUD
BRAGG CREEK	GRANUM	RUMSEY
BROCKET	GRASSY LAKE	SASKATCHEWAN RIVER CROSSING
BROOKS	HALKIRK	SCHULER
BURDETT	HANNA	SEVEN PERSONS
BYEMOOR	HAYS	SIBBALD
CALGARY	HIGH RIVER	SPRUCEVIEW
CANMORE	HILDA	STAND OFF
CARBON	HUSSAR	STANDARD
CARDSTON	INNISFAIL	STAVELY
CARMANGAY	IRON SPRINGS	STETTLER
CAROLINE	IRRICANA	STIRLING
CARSTAIRS	IRVINE	STRATHMORE
CASTOR	JENNER	SUNCHILD O CHIESE
CAYLEY	KANANASKIS	SUNDRE
CEREAL	LACOMBE	SYLVAN LAKE
CESSFORD	LAKE LOUISE	TABER
CHAMPION	LANGDON	THREE HILLS
CLARESHOLM	LESLIEVILLE	TILLEY
CLIVE	LETHBRIDGE	TORRINGTON
COALDALE	LOMOND	TROCHU
COCHRANE	LONGVIEW	TURNER VALLEY
CONSORT	MAGRATH	VAUXHALL
CORONATION	MANYBERRIES	VETERAN
COUTTS	MEDICINE HAT	VULCAN
COWLEY	MILK RIVER	WALSH
CRAIGMYLE	MILO	WARNER
CREMONA	MIRROR	WATERTON PARK
CROSSFIELD	MORLEY	WRENTHAM
CROWSNEST PASS	MORRIN	YOUNGSTOWN
DELBURNE	NANTON	
DELIA	NEW DAYTON	

**NPA 780 Exchange Areas**

ALBERTA BEACH	EDSON	JEAN D OR PRAIRIE
ALDER FLATS	ELK POINT	JOUSSARD
ALLIANCE	EVANSBURG	KEEPHILLS
ANDREW	FAIRVIEW	KEG RIVER
ANZAC	FALHER	KILLAM
ARDROSSAN	FAUST	KINUSO
ASHMONT	FERINTOSH	KITSCOTY
ASSUMPTION	FLATBUSH	LA CRETE
ATHABASCA	FORESTBURG	LAC LA BICHE
BARRHEAD	FORT ASSINIBOINE	LAMONT
BASHAW	FORT CHIPEWYAN	LAVOY
BAWLF	FORT MACKAY	LEDUC
BEAR CANYON	FORT MCMURRAY	LEGAL
BEAUMONT	FORT SASKATCHEWAN	LITTLE BUFFALO LAKE
BEAVERLODGE	FORT VERMILION	LLOYDMINSTER
BERWYN	FOX CREEK	LODGEPOLE
BLUE RIDGE	FOX LAKE	LOUGHEED
BON ACCORD	GALAHAD	MA ME O BEACH
BONANZA	GIBBONS	MANNING
BONNYVILLE	GIFT LAKE	MANNVILLE
BOYLE	GIROUXVILLE	MARLBORO
BRETON	GLENDON	MARWAYNE
BROWVALE	GRAND CENTRE	MAYERTHORPE
BRUDERHEIM	GRANDE CACHE	MCLENNAN
CADOMIN	GRANDE PRAIRIE	MEANDER RIVER
CALLING LAKE	GRASSLAND	MILLET
CALMAR	GRIMSHAW	MINBURN
CAMROSE	GROUARD	MORINVILLE
CHAUVIN	HAIRY HILL	MULHURST
CHIPEWYAN LAKE	HARDISTY	MUNDARE
CHIPMAN	HAY LAKES	MYRNAM
CLAIRMONT	HEINSBURG	NAMAO
CLYDE	HEISLER	NAMPA
COLD LAKE	HIGH LEVEL	NEW NORWAY
CONKLIN	HIGH PRAIRIE	NEW SAREPTA
CZAR	HINES CREEK	NEWBROOK
DAYSLAND	HINTON	NISKU
DEBOLT	HOBHEMA	NITON JUNCTION
DERWENT	HOLDEN	ONOWAY
DEVON	HUGHENDEN	PARADISE VALLEY
DIXONVILLE	HYTHE	PEACE RIVER
DONNELLY	INNISFREE	PEERLESS LAKE
DRAYTON VALLEY	IRMA	PEERS
EAGLESHAM	ISLAY	PLAMONDON
EDGERTON	JARVIE	PROVOST
EDMONTON	JASPER	RADWAY
EDMONTON INTERNATIONAL AIRPORT	JASPER EAST	

**NPA 780 Exchange Areas**

RAINBOW LAKE  
RED EARTH  
REDWATER  
ROBB  
ROCHESTER  
ROSALIND  
RYCROFT  
RYLEY  
SANGUDO  
SEBA BEACH  
SEDEGWICK  
SEXSMITH  
SHERWOOD PARK  
SILVER VALLEY  
SLAVE LAKE  
SMITH  
SMOKY LAKE  
SPIRIT RIVER  
SPRUCE GROVE

ST ALBERT  
ST MICHAEL  
ST PAUL  
STONY PLAIN  
STROME  
SWAN HILLS  
THORHILD  
THORSBY  
TOFIELD  
TOMAHAWK  
TWO HILLS  
VALLEYVIEW  
VEGREVILLE  
VERMILION  
VIKING  
VILNA  
WABAMUN  
WABASCA  
WAINWRIGHT

WANDERING RIVER  
WANHAM  
WARBURG  
WARSPITE  
WASKATENAU  
WEMBLEY  
WESTLOCK  
WETASKIWIN  
WHITECOURT  
WHITELAW  
WIDEWATER  
WILDWOOD  
WILLINGDON  
WINFIELD  
WOKING  
WORSLEY  
ZAMA