
Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP)

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Description

Local Number Portability (LNP) and Wireless Number Portability (WNP) - Access to Service Control Point (SCP) allows service providers to access a SCP database to obtain information pertaining to the terminating location of a call. No porting functionality is included with this service.

Global Title Translations (GTT) – Access to Service Control Point provides signalling and message exchange for service providers having CCS7 capability for those wishing to contract with the Company to perform 10 Digit Global Title Translations (10D GTT) on their behalf. The 10D GTT service supports those service providers that exchange Call Management Services (CMS) queries for Automatic Call Back (ACB), Automatic Recall (AR), Screen List Editing (SLE), Calling Name (CNAM) and Billed Number Screening (BNS) database queries where the service provider cannot or does not perform the 10D GTT translations within its own network.

Call Routing – Local Routing Number (LRN) Absent provides call processing for calls from an interconnecting carrier (IC) in locations where LNP or WNP have been implemented, and when the interconnecting carrier does not transmit the LRN of the serving switch to which the call must be routed for termination.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) - *Continued***Definitions**

For the purposes of this item:

“10 Digit Global Title Translation (10D GTT)” – provides where supported, a Destination Point Code and optionally a Subsystem Number that can be used to route queries to the appropriate network destination for the 10 Digit Global Title Translation application involved.

“Donor Switch” is a network switch which identifies the NPA-NXX as a portable NPA-NXX and provides the subsequent call setup to a Recipient Switch.

“Exchange” is a basic geographical area for the administration and furnishing of telephone service, and normally includes a city, town or village and adjacent areas. The territory served by an exchange, within which local service rates apply is known as the exchange area. See also Local Calling Area.

“Location Routing Number (LRN)” is a ten-digit routing number which is returned for a ported number that identifies the new terminating location.

“More Recent Authorization” is an end-user’s authorization for a change in local service provider that is provided subsequent to an earlier authorization for a change in local service provider from that end-user.

“Network Portability Administration Centre” (NPAC) is the non-telephone company organization whose function is to manage the number administration functions and systems which are not directly part of the telecommunications network (e.g. proliferation of the database for “ported” numbers).

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – Continued

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Definitions – Continued

“*Portable NPA-NXX*” refers to unique NPA-NXXs, within which at least one customer has moved a number to another NPA-NXX for local service.

“*Ported In*” – the recipient switch marks the NPA-NXX as a “ported in” NPA-NXX.

“*Ported Numbers*” are those numbers which are identified for either LNP/WNP treatment. The term refers to lines or directory numbers (DNs) formerly associated with a particular switch and now associated with a different service provider or switch. % ported refers to the percentage of total subscribers who have moved to a new switch with their old number.

“*Ported Out*” – the donor switch marks the ported number as “ported out”.

“*Port-Out Cancellation*” is a request to cancel a pending stand-alone request to port a telephone number for the Company to a LEC or WSP prior to the telephone number being ported. Cancellations may be originated by the LEC or WSP or may be originated by the Company if the telephone number porting is not completed by the LEC or WSP within 7 days of the confirmed due date of the original or subsequently modified request.

“*Service Control Point (SCP)*” is a network-resident database which contains for the purposes of this item, the ported number information necessary to support number portability.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – Continued

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Definitions – Continued

“*Service Provider Portability*” enables an end user to retain the same telephone number when changing from one service provider to another in the following situations:

Wireless-to-wireless porting – when the ported telephone number moves from one WSP to another WSP within the ILEC Local Calling Area (LCA) of the original telephone number;

Wireless-to-wireline porting – when the ported telephone number moves from a WSP to a LEC and the physical customer location of the ported telephone number is located within the ILEC exchange associated with the telephone number.

Wireline-to-wireless porting – when the ported telephone number moves from a LEC to a WSP within the ILEC LCA of the original telephone number;

Wireline-to-wireline porting – when the ported telephone number moves from one LEC to another LEC within an ILEC exchange;

“*Service Switching Point (SSP)*” is any central office (CO) switch which supports CCS7 signalling.

“*Signal Transfer Point (STP)*” is a packet switching point in the CCS7 network which routes CCS7 signalling messages towards the intended network element.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – *Continued*

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Conditions of Service

1. LNP/WNP – Access to SCP will only be offered where the necessary facilities, equipment and capacity are available. IC's must have a digital network with CCS7 connectivity and Advanced Intelligent Network (AIN) software.
2. In order to subscribe to the LNP/WNP – Access to SCP service, service providers must have CCS7 connectivity with access to SaskTel's gateway STP.
3. 10D GTT is provided within the negotiated terms of Interconnection Non-Disclosure and Interconnection Confidentiality Agreements similar to the LNP/WNP SCP Access service arrangements. The provisioning of 10D GTT is limited only to those feature functionalities defined within this item or business arrangement and pursuant to requisite interconnection and transiting agreements.
4. All Local Exchange Carriers (LECs) are required to provide accurate and up-to-date information to the NPAC for every telephone number they serve or their customers will be unable to receive calls from customers of any other designated LECs.
5. LNP/WNP Access to SCP is offered subject to terms and conditions of the third party SCP database owner.
6. Provisioning lead times, as per Industry standards and agreements, are required to set-up the network database information.
7. There is a one-month bill minimum.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – Continued

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Conditions of Service – Continued

8. This non-tariff is applicable to CLECs, wireless service providers (WSPs) and IXC's who have previously negotiated the necessary Interconnection Non-Disclosure and Interconnection Confidentiality Agreements.
9. Call Routing – LRN Absent functionality is limited to the incumbent telephone company determining if the destination telephone number of a call from an interconnecting carrier has been ported to another local service provider, and if so obtaining the LRN of the serving switch to which the call must be routed for termination.
 - a) Charges are applicable to all line-side and trunk-side MF interconnecting circuits without option.
 - b) Call Routing – LRN Absent is available for trunk-side CCS7 interconnecting circuits as an option.
10. Notwithstanding any other provision in SaskTel's tariffs or non-tariffs, the IC shall indemnify and hold SaskTel harmless from and against any and all losses, costs, charges, damages and expenses whatsoever (and without limiting the generality of the foregoing, and direct losses, costs, damages and expenses of SaskTel, including costs as between a solicitor and his own client) which SaskTel may sustain, pay or incur, as a result of, arising out of, or in connection with:
 - a) The use or misuse by the IC of LNP/WNP, 10D GTT - Access to Service Control Point or Call Routing – LRN Absent;
 - b) Any breach, violation or non-performance of any condition, covenant, obligation, representation or warranty on the part of the IC pursuant to this item, or any act or omission of the IC in connection with the performance of its obligations under this item.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – Continued

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Conditions of Service – Continued

11. Notwithstanding the providing of LNP/WNP-Access to SCP as contemplated in this item, SaskTel has the right to operate its facilities, equipment and SaskTel's network in such a manner as will best enable it to fulfil its current and future service obligations and commitments.
12. The IC shall not implement any changes to its operations, services or network which, in the reasonable opinion of the IC, will materially affect SaskTel's operations, services or network, without the prior written consent of SaskTel, such consent not to be unreasonably withheld.
13. Other than as provided for in this item, there are no other warranties, representations, conditions or guarantees of any kind whatsoever either express or implied, whether existing by statute, agreement, tort, product liability or otherwise, regarding LNP/WNP, 10D GTT - Access to Service Control Point or Call Routing – LRN Absent including, but not limited to, warranties, representations and guarantees as to merchantability, fitness for purpose, design, condition or quality.
14. The Company may also provide the service in this item at rates and on terms different from those described in this item if the service is provided pursuant to an agreement entered into between the Company and a competitor because the Commission has forborne, in Telecom Decision CRTC 2008-17, with respect to the regulations of this service.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) - *Continued*

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Rates

1. **Location Routing Number Query Charge** - This charge provides for the completed query (dip) in the LNP/WNP SCP, which returns information pertaining to the terminating location. This charge also provides for the CCS7 signalling interconnection between a gateway STP and the LNP/WNP SCP. This charge presupposes that the service provider has made suitable arrangements from their own network STP/SSP to the receiving gateway STP.
2. **10 Digit Global Title Translation (10D GTT)** - This charge provides for the receipt, translation and forwarding capabilities of queries as defined in the service description. This signalling information is resident in the LNP/WNP SCP and pertains to the destination point code and subsystem number that can be used to route queries to a network switch, CNAM database or BNS database.
3. **Service Provider Portability Subscription Fee** - This charge applies to the National Carrier Access Management System (NCAMS) to provide required maintenance enhancements and billing and data collection features.
4. **System Administration Service Charge** - This charge applies to service order work activity initiated through the respective Carrier Services Group, necessary to identify the service provider. This work is generally completed by the billing system and provided to accommodate any planning, analyses, data fill and testing completed by the ILEC to enable the exchange of TCAP signalling information between the service provider and the Company. Any customized work arrangements will be charged based on the expense incurred.
5. **Call Routing – LRN Absent Charge** - This charge provides for call processing for calls from an interconnecting carrier, when the interconnecting carrier does not transmit the LRN of the serving switch to which the call must be routed for termination. For such calls, the incumbent telephone company will determine if the destination telephone number has been ported to another local service provider, and if so, will obtain the LRN of the serving switch to which the call must be routed for termination.

Local Number Portability (LNP) and Wireless Number Portability (WNP) - 10 Digit Global Title Translation (10D GTT) - Access to Service Control Point (SCP) – Continued

Rates - Continued

LNP/WNP – Access to SCP (Note 1)	Usage Charge	Monthly Rate	Service Charge
Location Routing Number Query, each completed query	#		
10D GTT, each completed query	#		
Service Provider Portability Subscription (SPPS) Fee, each service provider		#	
System Administration Service (SAS) Charge, initial set-up, each service provider			#

Call Routing – LRN Absent (Note 2)	Monthly Rate	Service Charge (per order)
Line-side Interconnecting Circuits	#	
One-way Trunk-side/MF Interconnecting Circuits	#	
Two-way Trunk-side/MF Interconnecting Circuits	#	
One-way Trunk-side/CCS7 Interconnecting Circuits	#	#
Two-way Trunk-side/CCS7 Interconnecting Circuits	#	#

Note 1: Customers are entitled to subscribe to any combination of LRN and/or 10D GTT without duplication of rates. The monthly SPPS fee and the SAS charges apply once regardless of subscription to LRN or GTT or both.

Note 2: Call Routing – LRN Absent is applied for both line-side and trunk-side interconnecting circuits where LNP has been implemented.

Confidential – For confidential rate information please contact Carrier Services Group at 306-777-5599.

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