

ACCESS SERVICE

20. Local Number Portability (LNP) Query Service

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20.1 General

LNP provides the capability that allows a customer to maintain the same Directory Number (DN) when changing from one local telecommunications service provider to another, while remaining at the same location. In addition, it allows other Telephone Company customers to complete calls to numbers that have been ported.

LNP Query Service utilizes Location Routing Number (LRN) architecture to query a data base to secure network routing instructions prior to completion of a call. For NXXs equipped with LNP capability, the data base will contain information identifying an end user's selected Local Service Provider (LSP), along with the appropriate LRN for the LSP's switch. The LRN will be used to direct the call to the correct switch for completion to the end user. When more than one network is involved in completing the call, the network immediately preceding the terminating network (i.e., the N-1 Network) is responsible for querying the LNP data base to secure the LRN used in routing the call.

LNP Query Service will initially be deployed in Telephone Company serving areas residing within the 100 largest national Metropolitan Statistical Areas (MSAs) on a switch specific basis. If subsequent deployment is requested in additional switches within these MSAs, the Telephone Company will provide portability in the requested switches, where technically feasible, based on the timeframes established by the Federal Communications Commission in CC Docket No. 95-116:

- Equipped remote switches within 30 days
- Hardware capable switches within 60 days
- Capable switches requiring hardware within 180 days
- Non-capable switches within 180 days

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20.2 Service Provisioning(A) Manner of Provisioning

LNP Query Service will be provisioned using the LRN architecture. The LRN associates an NPA-NXX-XXXX network routing number with each central office switch that serves ported lines. This number will be known as the LRN for that switch. The LRN will be used as a network routing number for calls to ported numbers served by that switch. All switching equipment types will utilize the LRN architecture to provide LNP call processing.

(B) Limitations

LNP Query Service is to be used only on a call-by-call basis for routing calls to number portable NXX codes and cannot be used for purposes other than those functions described herein.

Information residing in the Telephone Company's LNP data base is protected from unauthorized access and may not be stored in a carrier's data base or elsewhere for any reason.

(C) Network Management

The Telephone Company will administer its network to ensure the provision of acceptable service levels to all users of the LNP Query Service.

The Telephone Company reserves the right to block any LNP Query traffic in a nondiscriminatory manner, where the processing of the LNP queries threatens to disrupt operation of its network and impair network reliability.

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20.3 LNP Query Service Application

The applications of the LNP network capability available through the Telephone Company's network are:

(A) Prearranged LNP Query

N-1 carriers may arrange in advance to have the Telephone Company query the LNP data base to route a call properly to the terminating carrier serving the ported number. This query is initiated on behalf of the N-1 carrier in the performance of its N-1 responsibility.

- If the Telephone Company's end office is the first point of switching for terminating a non-queried call and the telephone number is a ported number, the end office switch will suspend the call process and launch a query to the LNP data base. Once the routing information is returned to the end office, call processing will be resumed and the call will be routed to the correct switch for completion.
- In situations where the Telephone Company's tandem is the first point of switching for terminating a non-queried call, the tandem switch will suspend the call process and launch a query to the LNP data base. Once the routing information is returned to the tandem switch, call processing will be resumed and the call will be routed to the correct switch for completion.

The carrier will be assessed an end office or tandem Prearranged LNP Query charge, as set forth in 20.5 following, regardless of the outcome of the query.

(B) Default LNP Query

N-1 carriers who do not prearrange with the Telephone Company to query the LNP data base and terminate calls into the Telephone Company's network without having performed the appropriate data base query will be

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20.3 LNP Query Service Application (Cont'd)(B) Default LNP Query (Cont'd)

assessed an end office or tandem Default LNP Query charge. This query is initiated on behalf of the N-1 carrier in the performance of its N-1 responsibility, and may require the Telephone Company to assume extraordinary measures to meet the demand of the unforecasted default queries.

- If the Telephone Company's end office is the first point of switching for terminating a non-queried call and the telephone number is a ported number, the end office switch will suspend the call process and launch a query to the LNP data base. Once the routing information is returned to the end office, call processing will be resumed and the call will be routed to the correct switch for completion.
- In situations where the Telephone Company's tandem is the first point of switching for terminating a non-queried call, the tandem switch will suspend the call process and launch a query to the LNP data base. Once the routing information is returned to the tandem switch, call processing will be resumed and the call will be routed to the correct switch for completion.

The Default LNP Query charge, as set forth in 20.5 following, will apply, regardless of the outcome of the query.

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20.4 Rate Regulations

The rates and charges associated with LNP Query Service are query based and will be billed on a monthly basis, based on recorded usage. Query charges will be applied by the Telephone Company based upon the recordings of carrier queries to the data base. The Telephone Company will develop monthly charges based on an average number of queries per month if recordings are not available.

Specific rates and charges are set forth in 20.5 following.

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20.5 Rates and Charges

20.5.1 Prearranged LNP Query

- per query

	<u>End</u> <u>Office</u>	<u>Tandem</u> <u>Office</u>
Florida	\$0.004227	\$0.004227
Indiana#	\$0.004227	\$0.004227
Kansas	\$0.004227	\$0.004227
Minnesota	\$0.004227	\$0.004227
Missouri#	\$0.004227	\$0.004227
Nebraska	\$0.004227	\$0.004227
Nevada	\$0.004227	\$0.004227
New Jersey	\$0.004227	\$0.004227
North Carolina	\$0.004227	\$0.004227
Ohio	\$0.004227	\$0.004227
Oregon	\$0.004227	\$0.004227
Pennsylvania	\$0.004227	\$0.004227
South Carolina	\$0.004227	\$0.004227
Tennessee	\$0.004227	\$0.004227
Texas	\$0.004227	\$0.004227
Virginia	\$0.004227	\$0.004227
Washington	\$0.004227	\$0.004227
Wyoming	\$0.004227	\$0.004227

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See Section 1.3 preceding.

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20.5 Rates and Charges (Cont'd)

20.5.2 Default LNP Query

- per query

	<u>End</u> <u>Office</u>	<u>Tandem</u> <u>Office</u>
Florida	\$0.004227	\$0.004227
Indiana#	\$0.004227	\$0.004227
Kansas	\$0.004227	\$0.004227
Minnesota	\$0.004227	\$0.004227
Missouri#	\$0.004227	\$0.004227
Nebraska	\$0.004227	\$0.004227
Nevada	\$0.004227	\$0.004227
New Jersey	\$0.004227	\$0.004227
North Carolina	\$0.004227	\$0.004227
Ohio	\$0.004227	\$0.004227
Oregon	\$0.004227	\$0.004227
Pennsylvania	\$0.004227	\$0.004227
South Carolina	\$0.004227	\$0.004227
Tennessee	\$0.004227	\$0.004227
Texas	\$0.004227	\$0.004227
Virginia	\$0.004227	\$0.004227
Washington	\$0.004227	\$0.004227
Wyoming	\$0.004227	\$0.004227

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