

**ACCESS SERVICE**

## 6. Switched Access Service (cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service

## (A) SPNP Query Service - General

SPNP Query Service is a capability that utilizes Advanced Intelligent Network (AIN) technology to query a database to secure network routing instructions before completion of a call. The database contains information about end users that have ported their service from the donor switch. At a minimum, the database contains the Location Routing Number (LRN) that identifies the Local Service Provider's (LSP) switch serving each ported end user. The LRN is used to direct the call to the correct switch for completion to the end user. Where more than one network is involved in completing the call, the network just before the terminating network (i.e., the N-1 Network) is responsible for querying a SPNP database to secure the LRN.

N-1 wireline and wireless telecommunications carriers ("Carriers") will be assessed a SPNP query charge as set forth in 6.10.2(B) following where they deliver calls for termination by the Telephone Company for which a query has not been performed.

## (B) SPNP Query Service Application

Terminating calls from N-1 Carriers upon which a query has not been performed to numbers in the Telephone Company's network with NXX codes from which a number is or has been ported that have been designated as number portable will require a query to the SPNP database. The query rate element applies for each query received at the Telephone Company's database for each office that has ported number(s). There are two applications of the SPNP Query Service capability available through the Telephone Company's network.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service (Cont'd)

## (B) SPNP Query Service Application (Cont'd)

## (1) Prearranged LNP Query

N-1 Carriers may arrange in advance to have the Telephone Company query the SPNP database for terminating a call into the Telephone Company's network. This query is initiated on behalf of the Carrier in the performance of its N-1 responsibility. In this scenario, the Telephone Company's end office or access tandem switch will suspend call processing and launch a query to the SPNP database. When the routing information is returned to the switch, call processing is resumed and the call is routed to the correct switch for completion to the called party. The Carrier will be assessed a charge for either an end office or a tandem SPNP Query depending upon where the query is launched.

## (2) Default SPNP Query

Carriers who have not arranged in advance to have the Telephone Company query the SPNP database or otherwise do not qualify for the prearranged query rate and who terminate calls into the Telephone Company's network without having performed the appropriate database query will be assessed a Default SPNP Query. 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 unforecasted default queries. The Carrier will be assessed a charge for either an end office or a tandem SPNP Default Query depending upon where the query is launched.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service (Cont'd)

## (C) SPNP Service Surcharge

The Telephone Company queries the database, as required, on behalf of its end user customers, line side access service customers and resale customers to enable completion of calls to numbers with NXX codes that have been designated as number portable. Where facilities permit, this service is "automatically" provided as part of the dialing process employed in the Telephone Company's local exchange and access network.

On calls placed to numbers with NXX codes that have been designated as number portable, an originating SPNP capable switch, using advanced intelligent network capabilities will suspend call processing, formulate and launch a query via the common channel signaling network to a database containing information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the database to the switch originating the query, call processing is resumed and the call is routed to the correct network switching element for completion to the called party.

The SPNP Surcharge rate element applies to and provides the capability necessary for the Telephone Company's end user customers, including its end user customers of lineside access services (e.g., FGA) to: (1) maintain the same telephone number when changing from one Telecommunications Service Provider to another while remaining at the same location, and (2) to complete calls to any telephone number that has been ported.

Where facilities permit, this capability is automatically provided as part of the local dialing process employed in the Telephone Company's local exchange network.

The Telephone Company will bill a monthly SPNP Surcharge as set forth in 17.2.2(A)(3) below to local exchange service end users, resellers of the Telephone Company's local exchange service, line side access customers, and purchasers of unbundled switch ports served by an LNP capable wire center. This charge applies per line capable of originating local exchange calls with the following exceptions:

- PBX trunks will be assessed the equivalent of 9 monthly rates
- ISDN PRI will be assessed the equivalent of 5 monthly rates
- Lifeline end user customers will not be assessed the SPNP surcharge.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service (Cont'd)

## (D) SPNP Service Provisioning

SPNP Service will only be available at specifically designated switches.

SPNP Query Service procedures will be applied uniformly to all users of the Telephone Company's SPNP Query Service except as stated in 6.10.1(D)(3), following. The Telephone Company's SPNP database will receive and respond to all queries, including the Telephone Company's queries.

## (1) Manner of Provisioning

SPNP Query Service will be provisioned using the LRN. The LRN associates an NPA-NXX-XXXX 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 LRN functionality using Advanced Intelligent Network capability (AIN).

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## 6. Switched Access Service (Cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service (Cont'd)

## (D) SPNP Service Provisioning (Cont'd)

(2) Limitations

SPNP 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 SPNP database is protected from unauthorized access and may not be stored in a carrier's database or elsewhere for any reason.

The LRN method of number portability is limited to circuit switched calls. High Volume Call-in network NXXs are not included until industry standards are defined.

SPNP Service does not apply to Service Codes (e.g., 411) or Service Access Codes (e.g., 500, 700, 800 and 900).

Customers with directory numbers that are used for both circuit switched (e.g., voice and/or data) and packet data can port their directory numbers, however, they must disconnect the packet service and reconnect with their new service provider.

Groups of lines (e.g., multi-line hunt groups, centrex groups) cannot port separately. If only one directory number in the group is ported, it will be removed from the group. However, the entire group of directory numbers may be ported. The functionality associated with the ported number(s) is determined by the new service provider.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)

## 6.10 Miscellaneous Services Descriptions

## 6.10.2 Service Provider Number Portability (SPNP) Service (Cont'd)

## (D) SPNP Service Provisioning (Cont'd)

## (3) Network Management

The Telephone Company will administer its network with the objective of the provision of acceptable service levels to all users of SPNP query service.

The Telephone Company maintains the right to block any SPNP Query traffic, in a nondiscriminatory manner, where the processing of the SPNP queries threatens to disrupt operation of its network and impair network reliability. The provision of SPNP Query Service is subject to the limitations of Section 6.10.2(D)(2).

## (E) Rate Regulations

The rates and charges associated with SPNP Query Services 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 database, regardless of whether the call is completed. If such recordings are not available, the Telephone Company will develop monthly charges based on an average number of queries per month.

Specific rates and charges are set forth in 17.2.2(A).

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## 17. Rates and Charges (Cont'd)

## 17.2 Switched Access Service (Cont'd)

## 17.2.2 Local Transport (Cont'd)

17.2.2 (A) Service Provider Number Portability  
(SPNP) Service

	<u>Monthly Rate Per Query</u>
(1) SPNP Query - Prearranged, Per Query	
- End Office	\$0.008984
- Tandem Office	\$0.008984
(2) SPNP Query - Default, Per Query	
- End Office	\$0.008984
- Tandem Office	\$0.008984
	<u>Monthly Rate Per Line</u>
(3) SPNP Surcharge* Per access line or equivalent	\$0.35

Exceptions: The following wire centers are not LNP capable:  
Lufkin, Diboll, Central, Hudson, Fuller Springs, Apple Springs,  
Wells, Alto and Etoile.

\* Billed over a 60 month period from February 26, 2003 to February 25, 2008.