

Issued: March 17, 2016

FACILITIES FOR INTERSTATE ACCESS

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Vice President, Federal Regulatory
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8. ANCILLARY SERVICES

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FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)8.8 Line Information Data Base (LIDB) Query Service(A) General

Line Information Data Base (LIDB) Query Service, available to Operator Service Providers (OSPs), provides OSPs the ability to access billing validation data in conjunction with Common Channel Signaling System 7 (CCS7) Access service.

(B) Description

The Telephone Company's LIDB Query Service will contain a record for every working line number served by the Telephone Company. Other local exchange carriers who store their data in the Telephone Company's LIDB must provide this data as well. LIDB Query Service is offered by the Telephone Company to its customers to provide access to billing validation data, residing in Telephone Company data bases, for use with and in support of Alternate Billing services such as Calling Card, Collect Calls and Third Number Billing. Alternate Billing services provide customers' end users the ability to bill calls to an account not necessarily associated with the originating line. LIDB Query Service will allow customers to validate Telephone Company calling cards, to screen billing numbers for collect call and/or third number call acceptance, and to perform public telephone line number checks to prevent the alternate billing of calls to public telephones. The customer must subscribe to CCS7 Access service as described in Section 4 in order to obtain access to the Telephone Company's LIDB. CCS7 Access Service for LIDB Query Service is available from any local or regional Telephone Company STP via the Telephone Company's CCS7 interconnection and transport service as shown in 4.2.10. The location of the Telephone Company's STP switches are indicated in NECA Tariff FCC No. 4.

Customers subscribing to LIDB Query Service originate queries to the LIDB from an operator services system (OSS) identified by an originating point code (OPC). The LIDB query is routed from the CDL over the CCS7 access connection through one of the Telephone Company STPs to the Telephone Company's LIDB. The requested billing validation data, in the form of signaling information, is passed back via one of the Telephone Company interconnecting STPs to the CDL.

LIDB Query Service will provide the following functions on a per query basis:

- Validation of calling card information stored on the Telephone Company's LIDB.
- Determination of whether collect or third number calls may be billed to a given line number.
- Determination of whether the billed line in the billed number screening query is a public telephone number.

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FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)8.8 Line Information Data Base (LIDB) Query Service (Cont'd)(B) Description (Cont'd)(1) Limitations

Unless expressly authorized in writing by the customer and the Telephone Company, LIDB Query Service is not to be used for purposes other than those LIDB functions described herein. LIDB Query Service is to be used for those services only on an on-line call-by-call basis and accessed LIDB data may not be stored elsewhere for future use or for any other reason.

(2) Rate Elements

The application of rates and charges for LIDB Query service is set forth in 8.8(C). The rates for LIDB Query service are set forth in 8.8(D).

(C) Obligations of the Telephone Company(1) LIDB Validation System Updates

As a part of the normal business operation of LIDB Query service, the Telephone Company will, on a business day basis, add, delete, and modify end user customer accounts as such customers move, become delinquent on their accounts, or order new service. The Telephone Company will investigate referrals and will deactivate billing validation data in the event fraudulent usage is detected. Emergency or priority updates will be made seven days a week, 24 hours a day reflecting lost, stolen, or otherwise compromised calling cards. The Telephone Company will conduct annual audits of the LIDB where line information for all working exchange access lines and calling cards is audited. The Telephone Company will monitor all Alternate Billing Services (ABS) validation seven days a week, 24 hours a day and take timely steps to generate high usage reports to detect and stop fraudulent calling card use. The Telephone Company will accept ABS fraud referrals at the Telephone Company's National Fraud Control Center on a 24 hour basis.

(2) CCS7 Network Performance

The Telephone Company supports the performance standards contained in Section 7 of TR-TSV-000905. The overall end-to-end CCS7 network objective is less than ten minutes unavailability per year from any Signal Point (SP) to any other SP. The performance objective for any single SP, including a Service Control Point (SCP), is less than three minutes unavailability per year. The combined link set from the SCP to the applicable mated STP pair has a performance objective of less than two minutes unavailability per year. (C)

(3) LIDB Validation System

LIDB validation system downtime is required to be less than twelve hours per year. The LIDB validation system is capable of processing up to 75 queries per second. The response time for a query, from transmission to reception, is less than one second and should not exceed two seconds for 99 percent of all queries.

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FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)8.8 Line Information Data Base (LIDB) Query Service (Cont'd)(C) Obligations of the Telephone Company (Cont'd)(4) LIDB Query Gapping

During periods of LIDB validation system congestion, the Telephone Company will utilize an automatic query gapping procedure to control such congestion. Automatic query gapping controls congestion via a gap and duration index which tells the switch the gap (how long the switch should wait before sending another query to the LIDB) and the duration (how long the switch should continue to perform gapping). For example, if gapping is invoked, every third query might be dropped. This query gapping procedure will be applied uniformly to all users of the Telephone Company's LIDB. The Telephone Company reserves the right to invoke manual intervention in the automatic query gapping procedure to preserve the integrity of the network.

(5) Confirmation Service

The Telephone Company, upon request of the customer, shall confirm the Billed Number Screening service applied to their account as shown in 4.2.22.

(6) Originating Line Number Screening (OLNS) Service

OLNS Service provides customers access to the Telephone Company's LIDB to facilitate the completion of originating calls from working telephone numbers. In response to a properly formatted OLNS query, the Telephone Company will provide originating line screening information that will identify allowable originating call processing and originating billing decisions.

Technical Specifications for OLNS can be found in Technical Reference GR-1149-CORE, Issue 7, System Interfaces.

(C)(x)

(D) Rate Regulations

Rates and charges for LIDB Query Service apply as follows:

(1) LIDB Query Transport Charge

A LIDB Query Transport charge applies to each query received at the Telephone Company Service Control Point (SCP). Per query charges are accumulated over a monthly period and are billed to the customer on a monthly basis.

(2) LIDB Query Charge

A LIDB Query charge applies to each query received at the Telephone Company SCP and processed at the Telephone Company LIDB. Per query charges are accumulated over a monthly period and are billed to the customer on a monthly basis.

(3) OLNS Query Charge

The OLNS query rate element provides for identification of the originating screening requirements for call processing and billing that are associated with an originating line.

(4) Nonrecurring Ordering Charges

LIDB Query service is ordered in conjunction with CCS7 Access service under the provisions set forth in Section 3.

(x) GR-1149-CORE, Issue 7, replaces GR-1149-CORE, Issue 1, in its entirety.

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8. ANCILLARY SERVICES (Cont'd)8.8 Line Information Data Base (LIDB) Query Service (Cont'd)(E) Rates and Charges

<u>LIDB Query Transport Charge</u>	<u>LIDB Query Charge</u>
Rate <u>Per Query</u>	Rate <u>Per Query</u>
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8. ANCILLARY SERVICES (Cont'd)

8.8 Line Information Data Base (LIDB) Query Service (Cont'd)

(E) Rates and Charges (Cont'd)

OLNS Query Charges

Rate

Per Query

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