

BELLSOUTH
TELECOMMUNICATIONS, INC.
GEORGIA
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ACCESS SERVICES TARIFF

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E19. LINE INFORMATION DATABASE ACCESS SERVICE

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E19. LINE INFORMATION DATA BASE ACCESS SERVICE**E19.1 BellSouth Line Information Data Base Access Service****E19.1.1 General Description****A. General**

BellSouth Line Information Data Base (LIDB) Access Service provides an IC the ability to query and receive subscriber line data stored in BellSouth's LIDB that accommodates the IC's properly completing calls for a line subscriber and/or billing calls to a subscriber's line. *LIDB queries can also be launched by subscribing customers on an ad hoc or post call basis.*

LIDB data is made available via three service query types:

1. Validation Service Query

The Validation Service Query returns toll billing exception data associated with a subscriber line, which are needed to determine whether a line subscriber will accept collect and/or third number billing of calls. Validation Service also provides verification that the line to be charged is not a pay telephone.¹

2. The OLNS Service Query returns data *associated with the originating line* to facilitate the completion of calls. Data provided informs the customer which local exchange company (LEC, Account Owner) provisions service to a line subscriber, *reports the Billing Service Provider Code for the originating line, and reports* the local presubscribed interexchange carrier (LPIC) and/or presubscribed interexchange carrier (PIC), if any, *for* the originating subscriber line.

OLNS also provides data that alerts the customer to unique call processing needs associated with a subscriber line. OLNS provides *a Foreign Language Indicator for Spanish, where applicable*, a service or equipment indicator (e.g., POTS, Hotel/Hospital, Inmate, PBX, etc.) and service and billing restrictions data associated with a subscriber line.

3. GetData Service Query

The GetData Service Query provides *one or a combination of the following* data fields *that does not exceed information content limitations as described and detailed in Technical Reference GR-1149-CORE.*

- a. Account Owner data field, which reports which Telephone Company is providing dial tone to a particular local exchange line,
- b. Regional Account Owner / Billing Service Provider data field, which provides information about where to send billing records for service the customer renders to a line subscriber. GetData will provide access to BellSouth's end user data *or to the* Account Owner's *end user* data, where authorized *to do so*,
- c. Billing Name and Address data field, which provides the Name and Address to which a 10-digit telephone number is billed,
- d. Service Start Date data field, which indicates when the end user established service with the Local Service Provider (LSP),
- e. Toll Restriction data field, which indicates whether or not the end user of the line has requested blocking of calls outside the end user's local calling area,
- f. 900/976 Blocking data field, which indicates whether or not the end user allows 900 or 976 calls from their line,
- g. Customer Code data field, which provides a unique customer identification (ID) indicating whether or not the 10-digit telephone number is assigned to a new LSP customer,
- h. Company Type data field, which reports what type of LSP [e.g., Incumbent Local Exchange Carrier (ILEC), Independent Telephone Company (ICO), Facilities Based Competitive Local Exchange Carrier (CLEC), Reseller CLEC, or Unbundled Network Element Provider (UNE-P) CLEC] provides dial tone to the 10-digit telephone number line,
- i. PIC Activation Date data field, which reports the date an existing interLATA Presubscribed Interexchange Carrier (PIC) code was established for and associated with the end user's 10-digit telephone line, and
- j. LPIC Activation Date data field, which reports the date an existing intraLATA (Local) Presubscribed Interexchange Carrier (LPIC) code was established for and associated with the end user's 10-digit telephone line.

BellSouth Line Information Data Base Access Service transports queries and responses to and from a customer's SPOI and a BellSouth Line Information Data Base Location; and between a BellSouth Line Information Data Base Location and the data base. BellSouth Line Information Data Base Access Service enables ICs to receive responses to queries of data stored in the BellSouth Line Information Data Base solely for the purposes of facilitating call completion, billing, validation and to assist the customer in fraud detection and prevention. BellSouth Line Information Data Base Access Service may be provided as a shared arrangement, with customers billed separately for the transport and query functions.

Note 1: AT&T Georgia eliminated collect, third number and person to person calls effective July 28, 2016.

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E19. LINE INFORMATION DATABASE ACCESS SERVICE

E19.1 BellSouth Line Information Data Base Access Service (Cont'd)

E19.1.1 General Description (Cont'd)

A. General (Cont'd)

BellSouth LIDB customers must provide at least one Originating Point Code to the Company. The Originating Point Code serves as a customer identifier for purposes of billing BellSouth Line Information Data Base Common Transport, which carries the query from the BellSouth Line Information Data Base Location to the data base (Service Control Point - SCP), and for billing the three query types, which provide response to a customer query. All BellSouth Line Information Data Base usage based rate elements will be billed to the customer on a per query basis. (M)

Customer must include the originating and terminating telephone numbers of *any* telephone call associated with its LIDB query as part of the message containing each LIDB query it sends to BellSouth. (M)(T)

The data base consists of data and application software associated with an SCP. It is a transaction-oriented system accessible using Common Channel Signaling System 7 (CCS7). The data required for processing IC queries are formatted as Transaction Capability Application part (TCAP) messages and are transported using the SS7 protocol for basic message transport. The Company will receive and respond to IC queries as defined in technical publications TR-NWT-000246, FR-NWT-000271, TR-TSV-000905, TR-TSV-000954 *and TR-73554D*. (M)(C)

B. Limitations on Use of LIDB Data

Data provided to the customer by BellSouth's LIDB shall be used by the customer solely for the purposes of facilitating call completion, billing, validation and to assist the customer in fraud detection and prevention. (M)

Proprietary data residing in the Telephone Company's LIDB is protected from unauthorized access and may not be stored in a customer database of any kind for any reason. (M)

E19.1.2 Undertaking of the Company

A. General

The Company will specify the BellSouth Line Information Data Base Locations at which BellSouth Line Information Data Base Access Service is provided. Those locations are listed in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

BellSouth Line Information Data Base Access Service is provided at the designated BellSouth Line Information Data Base Locations. The BellSouth Line Information Data Base Locations and the SCP will respond to queries received in the required signaling protocol for messages formatted in the American National Standards Institute specification of Signaling System No. 7 (ANSI SS7) protocol.

B. Transport

Transmission facilities and transport terminations between the SPOI of the ordering customer and the BellSouth Line Information Data Base Location, and between the BellSouth Line Information Data Base Location and the Line Information Data Base represent two-way, diversified digital transmission paths from the customer SPOI to the SCP. This transmission path transports queries from the SPOI to the SCP and responses to the SPOI from the SCP in the Common Channel Signaling/Signaling System 7 protocol. The technical specifications for the interface required at the customer SPOI are provided in Technical Publication TR-TSV-000905.

C. Special Facilities Routing

The IC may request that the facilities used to provide BellSouth Line Information Data Base Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing are set forth in Section E11. of this Tariff.

D. Design Layout Report

The Company will provide to the IC a description of BellSouth Line Information Data Base Access Service facilities. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided only at the request of the IC, and will be provided at no charge. The Design Layout Report will be updated and reissued whenever the facilities provided for the customer's use are materially changed.

E. Transmission Specifications

Each BellSouth Line Information Data Base Access Service transmission path is provided with transmission specifications as set forth in Technical Publication TR-TSV-000905 for immediate action limits, acceptance limits and maintenance limits.

F. Acceptance Testing and Testing Capabilities

The Company will cooperatively test with the customer at the time of installation the parameters as specified in Technical Publication TR-TSV-000954.

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Material appearing on this page previously appeared on page 1 of this section.
Material previously appearing on this page now appears on page 3 of this section.

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E19. LINE INFORMATION DATABASE ACCESS SERVICE

E19.1 BellSouth Line Information Data Base Access Service (Cont'd)

E19.1.2 Undertaking of the Company (Cont'd)

G. LIDB Data Specifications

The BellSouth Line Information Data Base will contain a record for every working line number and Billed Number Group served by the Company. Other exchange carriers who may store their data in the BellSouth Line Information Data Base are requested to provide this data as well.

The Company will update the BellSouth Line Information Data Base information; e.g. add, delete, and modify customer accounts as customers move, become delinquent on their account, or order new service, on a daily basis.

The Company has procedures in place to deactivate billing validation data in the event that it is being used fraudulently.

H. Provision Against Fraudulent Use of Service

End user information, pertinent to the investigation of fraud, may be shared with BellSouth Line Information Data Base Access Service customers when validation queries for the specific customer reach the Company established fraud threshold level. The Company maintains and operates a 24 hour, 7 day a week fraud control *system* for the monitoring of customer queries sent to the BellSouth Line Information Data Base.

Thresholds for the monitoring of billed-to-third party, and collect calls are established and changed when warranted. When an established threshold is exceeded, an alert is generated and sent to the Telephone Company fraud control center for investigation and action, if warranted. The fraud threshold levels will be applied uniformly to all customers. The Telephone Company has procedures in place to ensure that fraud alerts are investigated by the Telephone Company and that appropriate action is taken expeditiously.

I. BellSouth Line Information Data Base Access System Management¹

(N)

The Company will administer its BellSouth Line Information Data Base Access Service to insure the provision of acceptable service levels to all ICs. During periods of system congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure will tell the switch the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic call gapping procedure will tell the BellSouth Line Information Data Base when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of BellSouth Line Information Data Base Access Service.

The Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

J. Billed Number Screening

At the request of an IC, the Company Business Office will confirm which Toll Billing Exception (TBE) codes are associated with local exchange subscriber lines.

E19.1.3 Obligations of the IC

- A. To obtain transport, the IC must order CCS7 Signaling Connections and Terminations as described in E6.1.3.C of this Tariff.
- B. The IC and the Company shall cooperatively determine the number of additional transmission paths needed, if any, for BellSouth Line Information Data Base Access Service.
- C. The IC's facilities at the IC's SPOI shall provide the necessary capability to send queries and receive responses in the American National Standards Institute specifications of Signaling System No. 7 (ANSI SS7) protocol.
- D. The IC will cooperatively test with the Company at the time of installation the parameters as specified in Technical Publication TR-TSV-000954.

E19.1.4 Ordering Requirements and Payment Arrangements

A. Minimum Periods

The minimum period for which services are provided is as set forth in E2.4.2 of this Tariff.

B. Cancellation of a Special Order

An IC may cancel a Special Order for BellSouth Line Information Data Base Access Service on any date prior to the service date. The cancellation date is the date the Company receives written or verbal notice from the IC that the Special Order is to be canceled. The verbal notice must be followed by written confirmation within 10 days.

Note 1: AT&T Georgia eliminated collect, third number and person to person calls effective July 28, 2016.

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E19. LINE INFORMATION DATABASE ACCESS SERVICE

E19.1 BellSouth Line Information Data Base Access Service (Cont'd)

E19.1.4 Ordering Requirements and Payment Arrangements (Cont'd)

C. Changes to a Special Order

When an IC requests changes to a pending order for BellSouth Line Information Data Base Access Service, such changes will be undertaken if they can be accommodated by the Company. The appropriate charges as set forth in Section E5 of this Tariff will apply for the BellSouth Line Information Data Base Access Service Special Order changed.

D. Moves

BellSouth Line Information Data Base Access Service moves are any change in the physical location of the point of termination at the IC's premises or the physical location of the IC's premises. Moves will be treated as set forth in Section 6.7.7 of Tariff FCC No. 1, and all associated nonrecurring charges will apply. Minimum period requirements will be established at the new location as set forth in Section 6.7.7 of Tariff FCC No. 1. In addition, all outstanding minimum period charges for the discontinued service will apply. (T)

E. BellSouth Line Information Data Base Access Service Rearrangements

Nonrecurring charges apply to BellSouth Line Information Data Base Access Service rearrangements, as set forth in Section 6.7.1 of Tariff FCC No. 1. (T)

E19.1.5 Jurisdictional Report Requirements

A. Percent Interstate Use (PIU)

Jurisdictional report requirements including provision of Percent Interstate Use (PIU) are as defined in Section E2.3.14 of this Tariff. (T)

E19.1.6 Rate Regulations

The following rate elements apply to BellSouth Line Information Data Base Access Service.

A. BellSouth Line Information Data Base Common Transport

BellSouth Line Information Data Base Common Transport provides for transport of the IC's query from the BellSouth Line Information Data Base Location to the data base (SCP). This charge will apply each time the IC requests and receives validation of a billed number and each time the IC requests and receives the status of a billed number associated with a telephone company line stored in the BellSouth Line Information Data Base. (D)

B. BellSouth Line Information Data Base Validation

BellSouth Line Information Data Base Validation provides for query of the data resident in the BellSouth Line Information Data Base. This rate will apply each time an IC requests and receives validation of a billed number and each time the IC requests and receives the status of a billed number associated with a telephone company line stored in the BellSouth Line Information Data Base. (D)

C. BellSouth Line Information Data Base Originating line Number Screening (OLNS)

BellSouth Line Information Data Base Originating Line Number Screening (OLNS) provides for query of data resident in the BellSouth Line Information Data Base. This rate will apply each time a customer requests and receives account owner (Telephone Company that provides dial tone for a specific local exchange line), Originating interexchange carrier (PIC/LPIC), post seizure dialing information, service or equipment indicator or service billing restriction data stored in the Line Information Data Base.

D. BellSouth Line Information Data Base GetData

BellSouth Line Information Data Base GetData provides for query of data resident in the BellSouth Line Information Data Base. This rate will apply each time a customer requests and receives one or a combination of the data fields described and detailed in Section E19.1.1.A.3. (T)

E. Originating Point Code Establishment or Change Charge

The Originating Point Code Establishment or Change Charge provides for the establishment or change of an IC requested Originating Point Code. This charge is nonrecurring and will apply each time that the IC requests and receives the establishment of a new Originating Point Code or requests and receives a change to an existing Originating Point Code. These codes are to be used for billing BellSouth Line Information Data Base Common Transport and BellSouth Line Information Data Base Validation.

F. CCS7 Signaling Connection and CCS7 Signaling Termination

Rates and charges for CCS7 Signaling Connections and CCS7 Signaling Terminations apply as specified in Section 6.8 of Tariff FCC No. 1. (T)

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E19. LINE INFORMATION DATABASE ACCESS SERVICE**E19.1 BellSouth Line Information Data Base Access Service (Cont'd)****E19.1.7 Rates and Charges**

A. The following rates and charges apply to BellSouth Line Information Data Base Access Service:

1. BellSouth Line Information Data Base usage sensitive charges

	Rate	USOC	
(a) Common Transport per Query	\$ 0.000300	N/A	(M)
(b) Validation per Query	0.041003	N/A	(M)
(c) Originating Line Number Screening (OLNS) per Query	0.014700	N/A	(M)
(d) GetData per Query	0.050000	N/A	(M)(I)

2. BellSouth Line Information Data Base nonrecurring charges

	Nonrecurring Charge	USOC	
(a) Originating Point Code Establishment or Change per Point Code Established or Changed	\$ 91.00	NRBPX	(M)

Material appearing on this page previously appeared on page 4 of this section.

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