

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

A. GENERAL

Landline Co-Carrier Local Access Service (LAS) is available to authorized providers of local exchange co-carrier landline services for the Co-Carrier's use in furnishing services to their end users. LAS provides a communications path between a BA-PA point of interface (POI) and BA-PA customers.

B. REGULATIONS

1. LAS provides for the use of terminating switching and transport facilities and common subscriber plant of BA-PA. LAS provides the ability to terminate calls from a BA-PA POI to a BA-PA end user's premises. LAS can also be used to originate/terminate calls to/from an interexchange carrier interconnected to a BA-PA access tandem.
2. The services provided under this tariff shall be maintained by BA-PA. The Co-Carrier or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by BA-PA, other than by connection or disconnection to any interface means used.

The provision of LAS by BA-PA as set forth in this tariff does not constitute a joint undertaking with the Co-Carrier for the furnishing of any service.

LAS is provided by BA-PA on an intraLATA basis only.

Services offered in the Access Service Tariff are available to Co-Carriers under the terms and conditions set forth therein.

3. LAS Arrangements

LAS is provided in three service arrangements: (1) Local Exchange, (2) IntraLATA Long Distance, and (3) InterLATA Access.

The arrangements are differentiated by their technical characteristics, directionality, and by the manner in which a Co-Carrier's end user accesses them in originating calling. Descriptions of Local Exchange, IntraLATA Long Distance and InterLATA Access are in 6.0 following.

a. Local Exchange LAS

Local Exchange LAS provides trunk side access to a BA-PA access tandem/end office for the Co-Carrier's use in originating local exchange communications. A local call will be one in which the calling and called party are located within the same local calling area as specified in the Local Exchange Services Tariff. A more detailed description of Local Exchange LAS is provided in 6.0 following.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

3. LAS Arrangements (Cont'd)

b. IntraLATA Long Distance LAS

IntraLATA Long Distance LAS provides trunk side access to a BA-PA access tandem/end office for the Co-Carrier's use in terminating communications to BA-PA end users located in the Local Access and Transport Area (LATA), but outside the local calling area. An intraLATA Long Distance call will be one in which the calling and called party are located within the same LATA, but separate local calling areas as specified in the Local Exchange Services Tariff. A more detailed description of IntraLATA Long Distance LAS is provided in 6.0 following.

c. InterLATA Access LAS

InterLATA Access LAS provides trunk side access to/from a BA-PA access tandem to complete interLATA communications for interexchange carriers. A more detailed description of InterLATA Access LAS is provided in 6.0 following.

4. Manner of Provision

LAS is furnished on a per-trunk basis. Trunks are differentiated by traffic type and directionality. Differentiation of traffic type is necessary for BA-PA to properly design and bill LASs.

There are two major traffic types: originating and terminating. Originating traffic type represents traffic from a BA-PA end user to the Co-Carrier's POI; terminating traffic type represents traffic from a BA-PA POI to the BA-PA end user.

When ordering capacity for Local Exchange, IntraLATA Long Distance or InterLATA Access LASs the Co-Carrier must at a minimum specify such capacity in terms of originating traffic type and/or terminating traffic type. All traffic must be associated with a Co-Carrier provided Carrier Identification Code that is unique to that Co-Carrier.

LAS will be provided using multifrequency address signalling or out of band signalling where available. Out of band signalling requires the establishment of Common Channel Signalling Access Service as specified in the Access Service Tariff.

BA-PA will provide out of band signalling in accordance with the technical specifications set forth in Bell Atlantic Supplement, Common Channel Signalling (CCS) Network Interface Specification, Issue 1, December 1990, and Supplement, August 1992, and Technical References TR-TSV-000905, July 1989, and TR-TSV-000962, Issue 1, September 1990.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

5. Rate Categories

a. Local Exchange LAS

Local Exchange LAS provides the Local Transport, switching and end user termination functions necessary to complete the transmission of Co-Carrier communications from within the local calling area. Terminating local communications will be rated on a minute-of-use basis. Minute-of-use measurement rules are set forth in 11.0 following.

Local Exchange LAS is a voice frequency transmission path which permits the transmission of local calls in the originating/terminating direction. The voice frequency transmission path is associated with telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

b. IntraLATA Long Distance LAS

IntraLATA Long Distance LAS provides the Local Transport, switching and end user termination functions necessary to complete the transmission of Co-Carrier communications from outside the local calling area. Long Distance communications will be rated on a minute-of-use basis. Minute-of-use measurement rules are set forth in Section 11.0 following.

IntraLATA Long Distance LAS is a voice frequency transmission path which permits the transmission of intraLATA long distance calls in the originating/terminating direction. The voice frequency transmission path is associated with telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

c. InterLATA Access LAS

InterLATA Access LAS provides the Local Transport and switching functions necessary to complete the transmission of Co-Carrier communications for BA-PA interexchange carriers/customers. Facilities and charges to support completion of Co-Carrier interLATA access LAS communications are contained in the Access Service Tariff, Pa. P.U.C.-No. 302. Communications will be rated on a minute-of-use basis. Minute-of-use measurement rules are set forth in 11.0 following.

InterLATA Access LAS is a voice frequency transmission path which permits the transmission of calls in the originating/terminating direction. The voice frequency transmission path is associated with telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

6. Provision and Description of LAS Arrangements

Local Exchange and IntraLATA Long Distance LASs are arranged for terminating calling only. InterLATA Access LAS can be arranged for both originating and terminating calling.

The interface arrangements available for use at the BA-PA POI are contained in the Access Service Tariff, Pa. P.U.C.-No. 302, Section 6.

a. Local Exchange LAS

Local Exchange LAS provides trunk side access to a BA-PA access tandem/end office for the Co-Carrier's use in terminating local communications to BA-PA. A local call will be one in which the calling and called party are located within the same local exchange area as specified in the Local Exchange Services Tariff.

Local Exchange LAS is provided at BA-PA access tandem(s)/end offices(s) as trunk side terminating switching through the use of access tandem/end office line equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signalling, or without signalling when out of band signalling is provided.

Local Exchange LAS is provided with multifrequency address or out of band signalling. Ten digits of the calling party number and the called party number dialed by the Co-Carrier's end user using dual tone multifrequency or dial pulse address signals will be provided by the Co-Carrier's equipment to the BA-PA access tandem/end office.

Local Exchange LAS terminating switching may be used to access valid NXX codes served by end offices subtending a BA-PA access tandem. When a direct trunk group to a BA-PA end office is requested only those valid NXX codes served by that end office may be accessed. Calls in the terminating direction will not be completed to local operator assistance (0- and 0+), local Directory Assistance, N11 service codes, 950-XXXX and 101XXXX access codes or to a TRS center over this line group. (C)

Testing and transmission specifications are contained in the Access Service Tariff, Pa. P.U.C.-No. 302.

b. IntraLATA Long Distance LAS

IntraLATA Long Distance LAS provides trunk side access to a BA-PA access tandem/end office for the Co-Carrier's use in terminating intraLATA long distance communications to BA-PA local exchange service customers. An intraLATA Long Distance call will be one in which the calling and called party are located within the same LATA, but separate local exchange areas as specified in the Local Exchange Services Tariff.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

6. Provision and Description of LAS Arrangements (Cont'd)

b. IntraLATA Long Distance LAS (Cont'd)

IntraLATA Long Distance LAS is provided at a BA-PA access tandem/end office as trunk side terminating switching through the use of access tandem/end office trunk equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signalling, or without signalling when out of band signalling is provided.

IntraLATA Long Distance LAS is provided with multifrequency address or out of band signalling. Ten digits of the calling party number and the called party number dialed by the Co-Carrier's end user using dual tone multifrequency or dial pulse address signals will be provided by the Co-Carrier's equipment to the BA-PA access tandem/end office.

IntraLATA Long Distance LAS terminating switching may be used to access valid NXX codes served by end offices subtending the BA-PA access tandem. When a direct trunk group to a BA-PA end office is requested only those valid NXX codes served by that end office may be accessed. Calls in the terminating direction will not be completed to local operator assistance (0- and 0+), local Directory Assistance, N11 service codes, 950-XXXX and 101XXXX access codes or to a TRS center over this trunk group. (C)

Testing and transmission specifications are contained in the Access Service Tariff, Pa. P.U.C.-No. 302.

c. InterLATA Access LAS

InterLATA Access LAS provides trunk side access to a BA-PA access tandem for the Co-Carrier's use in originating/ terminating interLATA communications to/from an interexchange carrier. An interLATA Access call will be one in which the calling and called party are located in separate LATAs.

InterLATA LAS is provided at BA-PA access tandems as trunk side switching through the use of access tandem trunk equipment. The trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signalling, or without signalling when out of band signalling is specified.

InterLATA LAS is provided with multifrequency address or out of band signalling. Ten digits of the calling party number and the called party number dialed by the Co-Carrier's end user using dual tone multifrequency or dial pulse address signals will be provided by the Co-Carrier's equipment to the BA-PA access tandem central office switch where the InterLATA LAS terminates.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

6. Provision and Description of LAS Arrangements (Cont'd)

c. InterLATA Access LAS (Cont'd)

InterLATA LAS originating/terminating switching may be used to access those interexchange carriers/customers who have connections to that BA-PA access tandem.

Testing and transmission specifications are contained in the Access Service Tariff, Pa. P.U.C.-No. 302.

7. LAS Optional Features

a. Common Channel Signalling Access Service (CCSAS)

CCSAS is ordered and provisioned as specified in the Access Service Tariff.

b. Toll Free Data Base Access Service

Toll Free Data Base Access Service is ordered and provisioned as specified in the Access Service Tariff.

8. Obligations of BA-PA

In addition to the obligations of BA-PA set forth preceding, BA-PA has certain other obligations pertaining only to the provision of LASs. These obligations are as follows:

a. Design and Traffic Routing of LAS

Selection of facilities and equipment, and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and BA-PA's traffic routing plans.

b. Provision of NXX Codes

BA-PA, for that period in which it serves as North American Numbering Plan administrator for the state of Pennsylvania, will accept Co-Carrier applications for NXX codes for their use in providing local exchange services. The Co-Carrier must complete the NXX code application in accordance with Industry Carriers Compatibility Forum, Central Office Code Assignment Guidelines, INC 95-0407-008 (formerly ICCF 93-0729-010). Upon receipt of a bona fide NXX code application from a Co-Carrier, authorized to provide local exchange services by the Pennsylvania Public Utility Commission, BA-PA will initiate NXX code assignment in accordance with the ICCF Guidelines referenced above.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

9. Obligations of the Co-Carrier

In addition to the obligations of the Co-Carrier set forth preceding, the Co-Carrier has certain other obligations pertaining only to the provision of LASSs. These obligations are as follows:

a. Supervisory Signalling

The Co-Carrier's facilities shall provide the necessary on-hook, off-hook answer and disconnect supervision.

b. Determining the Number of Transmission Paths

Co-Carriers ordering LASSs must specify the number of transmission paths in their order for service. A transmission path is a communications path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communications path of a frequency bandwidth of approximately 300 to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between the Co-Carrier and a BA-PA access tandem/end office (POI).

c. Forecast

The Co-Carrier must provide BA-PA a forecast for each POI by LAS arrangement, by trunk group, by interface type, including quantities in service and quantities required for a three year period. The Co-Carrier will be required to submit their forecast annually.

d. Audit

The Co-Carrier must provide BA-PA the ability and opportunity to conduct an annual audit to ensure that Local Exchange, IntraLATA Long Distance and InterLATA Access LASSs are being used by the Co-Carrier to carry only the types of traffic appropriate to each type of LAS.

e. Percent Local Usage (PLU)

For combined Local Exchange and IntraLATA Long Distance LAS, the projected intrastate Percent Local Usage (PLU) must be provided by the co-carrier in a whole number to BA-PA. BA-PA will designate the number obtained by subtracting the projected PLU from 100 (100 - projected PLU = intraLATA Long Distance percentage) as projected intraLATA Long Distance percentage of use.

For purposes of developing the projected PLU, the co-carrier shall consider every call in which the calling and called party are located within the same local exchange area, as specified in the BA-PA Local Exchange Services Tariff, to be Local Exchange, and every call in which the calling and called party are located within the same LATA, but separate local exchange areas, as specified in the BA-PA Local Exchange Services Tariff, to be intraLATA Long Distance.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

9. Obligations of the Co-Carrier (Cont'd)

e. Percent Local Usage (PLU) (Cont'd)

These whole number percentages will be used by BA-PA to apportion the use, rates, and/or nonrecurring charges between Local Exchange and intraLATA Long Distance until a revised report is received.

The projected PLU percentage will be used to determine the charges as follows:

The number of access minutes for a trunk group will be multiplied by the projected PLU percentage to determine the Local Exchange minutes (total minutes x projected PLU = Local Exchange minutes). The number of Local Exchange minutes so determined will be subtracted from the total minutes (total minutes - Local Exchange minutes = intraLATA Long Distance minutes).

Effective on the first of January, April, July and October of each year, the co-carrier must update the PLU. The co-carrier shall forward to BA-PA, to be received no later than 20 calendar days after the first of each such month, a revised PLU showing the local percentage of use for the past three months ending the last day of December, March, June, and September, respectively, for each service arranged for local exchange and intraLATA long distance use. No prorating or back billing will be done based on the report.

The co-carrier shall keep sufficient detail from which the PLU can be ascertained and audited upon request of BA-PA and make the record available for inspection. Such a request will be initiated by BA-PA no more than once per year. The co-carrier shall supply the data within 30 calendar days of BA-PA's request.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

10. Point of Interconnection (POI)

BA-PA will establish Points of Interconnection (POIs) for the purpose of terminating local communications to valid NXX codes served by BA-PA. BA-PA will establish POIs at all end offices and access tandems within each LATA in Pennsylvania. A co-carrier may interconnect directly to a BA-PA end office POI to deliver local calls only to those valid NXX codes served by that end office.

Alternatively, a co-carrier may interconnect to a BA-PA access tandem POI to deliver local calls to those valid NXX codes served by any end office subtending that access tandem. Where more than one BA-PA access tandem serves a LATA, and a co-carrier chooses not to establish local interconnection at each access tandem, the co-carrier must terminate local communications to end offices which do not subtend the access tandem to which the co-carrier is interconnected by either:

- (a) interconnecting to each end office POI subtending the access tandem to which the co-carrier is not interconnected, or
- (b) leasing transport facilities from BA-PA, or an alternate carrier, to the appropriate BA-PA access tandem.

BA-PA will terminate communications originated by BA-PA end users at a co-carrier's POI within the BA-PA access tandem serving area for which the terminating NXX code is rated.

Rates as specified in C. following will be assessed for terminating Local and IntraLATA Long Distance communications, as defined in 5.0 preceding.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

11. Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for LASSs.

a. Description and Application of Rates and Charges

There are three types of rates and charges that apply to LASSs. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in C. following.

(1) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(2) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These rates are applied on a minute-of-use basis. Charges are accumulated over a monthly period.

The per call rate as stated in C. following applies only to terminating Local Exchange LAS calls.

(3) Nonrecurring Charges

Nonrecurring charges are one time charges that apply for a specific work activity, i.e., installation of service. Certain nonrecurring charges applicable to the installation of LAS consist of a "first" and "additional" charge. For each trunk ordered the first charge applies to the first trunk specified on the order, with the additional charge applied to each additional trunk specified on the same order between same locations.

b. Measuring LASSs

Terminating minutes-of-use will be measured by BA-PA to determine the basis for computing appropriate charges for LAS. Co-Carrier end user traffic which terminates to BA-PA will be measured at the BA-PA access tandem/end office.

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

B. REGULATIONS (Cont'd)

11. Rate Regulations (Cont'd)

b. Measuring LASs (Cont'd)

For terminating calls, the measurement of minutes-of-use begins when the BA-PA access tandem/end office receives answer supervision from the terminating end office indicating the end user has answered.

The measurement of terminating calls ends when the BA-PA access tandem/end office receives disconnect supervision from either the terminating end office, indicating the end user has disconnected, or the Co-Carrier's facilities, whichever is recognized first by the BA-PA access tandem/end office.

12. Ordering, Rating and Billing of InterLATA Access LAS

Interexchange carrier traffic delivered to a Co-Carrier will be measured at the BA-PA access tandem. Co-Carrier traffic delivered to BA-PA tandem routed interexchange carriers/customers will be measured at the Co-Carrier end office switch. Billing tapes will be exchanged between companies so that each company can appropriately bill their components of access to the interexchange carrier.

Multiple bill arrangements subject to the Multiple Exchange Carrier Access Billing (MECAB) guidelines as referenced in F.C.C. Memorandum Opinion and Order, CC Docket No. 86-104, adopted July 20, 1987 and released July 31, 1987 will be utilized in the exchange of billing data and in rendering bills.

POI V and H Coordinate and Interconnection Information

<u>Locality</u> <u>NPA/NXX</u>	<u>CLLI</u>	<u>BP</u>	<u>POI V</u>	<u>POI H</u>	<u>CC</u>	<u>LATA</u>
PHILADELPHIA 215/XXX	XXXXXXXXXX	000	00000	00000	0000	228

LANDLINE CO-CARRIER LOCAL ACCESS SERVICE

C. RATES

1. Intrastate Exchange Access Service

Rates and charges for intrastate exchange access are found in the Access Service Tariff, Pa. P.U.C.-No. 302.

2. Interstate Exchange Access Service

Rates and charges for interstate exchange access service are found in the Interstate Access Tariff, FCC No. 1.

3. Local Call Termination

Traffic Delivered at VZ End Office, Meet Point A, per minute of use.....	\$.000000	
Traffic Delivered at VZ Tandem or Local Serving Wire Center, Meet Point B, per minute of use.....	\$.000000	(D)