N0N-CENTREX **LANgate®** (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

A. GENERAL

LANgate is a data communications network service providing for the interconnection of customer-provided data devices and for the transmission of data between such devices. **LANgate** is provided from specially equipped Telephone Company premises and utilizes data switching technology, digital and/or analog transmission facilities, and existing local facilities to provide switched data transport at speeds from 300 bits per second to 64 kilobits per second.

Customer requests for unique service capabilities different from that provided under the basic service will be rated on an Individual Case Basis (ICB) and will be made available to customers from any Telephone Company central office if the customer agrees to pay all applicable costs plus an appropriate contribution.

B. GLOSSARY OF TERMS

Adjunct User - A person, organization, corporation or other entity who or which has agreed to interconnect with the **LANgate** service of another customer (designated as the Customer of Record). Upon mutual agreement of the Telephone Company, the Customer of Record and the Adjunct User, the Telephone Company will bill the Adjunct User for agreed upon elements of the service provided.

Datalan Port - The Datalan Port is the interface equipment, which when associated with a customer-provided data unit, permits intra-switch, synchronous protocol data transmission at speeds of 56Kbs and 64 Kbs via a Centrex facility. Datalan connections on a Remote Switching Unit located in the same central office area will be considered part of the Datalan arrangement.

Datalan can be offered under the following three scenarios. The customer must specify at the time of installation for which scenario the Datalan Port will be configured.

a. For all Centrex customers served by the same switch to be able to transmit data to each other,

b. For a Centrex customer to transmit data within his own Centrex system; or

c. For a Centrex customer to transmit data within his own Centrex system and also have the capability to access a private digital facility originating in that switch.

There is no difference in the rates for any of the above three scenarios.

[1] Beginning January 1, 1996, this service is offered on a Grandfather (limited availability) basis only. This service is available only to existing customers. If such customers take service for a contract term more than one month, they may continue using the service to the remainder of that contract term and thereafter on a month-to-month basis until disconnection of the service. Customers who subscribe to this service on a month-to-month basis may continue to do so until disconnection to the service. Upon disconnection, new service may not be established and disconnected service may not be reestablished. Existing customers must use the service only at existing service locations. The maximum number of service ports for existing customers will be the number of ports in service on the effective date of this Guide. As customers decrease the number of ports in existing service arrangements, the maximum number of ports will correspondingly decrease until service is disconnected. Customer may not add service ports to existing service arrangements.

N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

B. GLOSSARY OF TERMS

Data Unit - The Data Unit located on the customer's premises (provided by the customer) allows for the transmission of data over exchange type facilities.

Data Voice Multiplexer (DVM) - The DVM allows for the simultaneous transmission of both voice and data over a dial tone line or a Special Services channel type facility.

Host Asynchronous Port - The Host Asynchronous Port is the interface equipment, including a Data Voice Multiplexer, which permits the transmission of asynchronous protocol data communications via exchange or Special Services channel type facilities between the **LANgate** data switch equipment on the Telephone Company's premises and customer-provided data equipment designated as central data processing equipment, e.g., host computers.

Modem Pool - A modem pool is one or more modems arranged in a group for a customer's use for either incoming or outgoing **LANgate** data transmission via exchange type facilities. Each modem in a pool is considered a port. Modem pools are located on the Telephone Company premises.

Multiplexer Asynchronous Port - The multiplexer asynchronous port is the interface equipment for each communications channel which permits the transmission of asynchronous protocol data communications between the **LANgate** data switch equipment located on the Telephone Company's premises and the multiplexer common equipment.

Multiplexer Common Equipment - Equipment which delivers multiple whole channels from wideband facilities.

Terminal Asynchronous Port - The Terminal Asynchronous Port is the interface equipment, including a Data Voice Multiplexer, which permits the transmission of asynchronous protocol data communications via exchange type facilities between the **LANgate** data switch equipment on the Telephone Company's premises and customer-provided data terminal equipment, e.g., data terminals, personal computers, printers.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

C. GENERAL REGULATIONS

1. **LANgate** is only available from specially equipped Telephone Company premises subject to the technical limitations of such equipment and availability of suitable facilities.

2. A customer may access **LANgat**e via a Data Voice Multiplexer (DVM), a data unit, or the public switched network via a modem pool arrangement. Data may be transmitted into or out of the **LANgate** service at speeds varying from 300 bps to 64 Kbps depending upon the transmission characteristics of the facility and equipment used for such transmission.

3. All customer-provided equipment (CPE) must be compatible with the Telephone Company provided **LANgate** services under the technical guidelines of such services.

4. Where the customer requires multiple whole communications channels, the Telephone Company may provide such channels through the use of multiplexing equipment on the Telephone Company premises.

5. Modem pool members are dedicated to a specific customer for access by the customer's designees only. For each modem pool member, the customer must also purchase an associated exchange service (e.g., dial tone line, Centrex station line, etc.).

6. In addition to the **LANgate** rates and charges in this Guide, the customer is also responsible for all exchange service rates, local usage, toll and Special Services channels as well as all other applicable rates, charges and regulations including but not limited to the liabilities provisions in Section 1 of the Telephone Company's Pa. P.U.C. –No. 1 Tariff.

7. **LANgate** service may be resold or shared in accordance with the regulations in Section 1 of the Telephone Company's Pa. P.U.C. –No. 1 Tariff.

8. Suspension of all or part of **LANgate** service requested by the customer is not permitted.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

C. GENERAL REGULATIONS (Cont'd)

9. The customer is responsible for the distribution of all **LANgate** access codes (e.g., passwords) to authorized users.

10. **LANgate** service requires that the customer provide all compatible DVM equipment located on their premises.

11. The Telephone Company reserves the right to temporarily restrict **LANgate** service in the event of a service affecting condition to the central office or affiliated operating support system.

12. The Multiplexer Common Equipment Base Units and Expansion Units require compatible and acceptable equipment at the customer premises end of the channel facility as determined by the Telephone Company.

13. A customer under a 12 month, 24 month, 36 month, 48 month, or 60 month contract will automatically revert to a month to month payment plan at the end of his contract period unless otherwise negotiated.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

D. PAYMENT PLANS

1. Payment Periods

A customer may select a month to month, 12 month, 24 month, 36 month, 48 month, or 60 month payment period. The total monthly rate consists of two Components A and B. The Company agrees not to initiate any rate increases in Component A for the length of the payment period. The applicable rate for Component B may vary during a customer's payment period but no more than once per year. Furthermore, the Telephone Company agrees not to initiate any rate increase in Component B in excess of the cumulative annual increase in the Consumer Price Index for all Urban Consumers (CPIU), as published by the U.S. Department of Labor Bureau of Labor Statistics. When **LANgate** service is provided to a customer on an Individual Case Basis (ICB) arrangement, a payment period other than those set forth above may apply.

2. Termination Charges

Termination charges apply for the disconnection of all, or any part, of the service within the payment period for Component A only. Termination charges shall be the monthly rate for the number of months in the unexpired portion of the payment period. There are no termination charges for the month to month payment plan.

3. Additions To Existing Service

Service additions can be made at any time in accordance with the availability of equipment. Rates currently in effect will be applied. Additions must be made under a new payment period. No provisions will be made for a common expiration date of new and existing payment periods.

4. Change and Rearrangements

A port rearrangement charge will apply when a port connection is moved from one exchange access line to another with no other changes in parameters. A database change charge will apply on a per port basis when the customer requests changes in various options such as, destinations, profile parameters of terminal data speeds, parity or user groups.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

D. PAYMENT PLANS (Cont'd)

5. Supercedure

A customer may, upon written concurrence of the Telephone Company and for payment of a transfer charge of $100.00, transfer services billed under a Payment Plan to another customer at the same location. The customer to whom service is transferred will be subject to all provisions of the previous customer's service and will be responsible for all unpaid charges incurred by the previous customer.

6. Prepayment of Component A Only

Prior to initial installation of service a customer may elect to prepay the full payment plan period Component A monthly rate for any items(s) of service being provided. The prepayment amount will be calculated by the Telephone Company. The prepayment amount, paid by the customer, will not be refunded if the customer discontinues **LANgate** service or items of service prepaid prior to completion of their selected payment plan period.

7. Application of Service

The customer will signify, in writing, on forms provided by the Telephone Company, which payment plan period has been selected prior to installation of **LANgate** service or for subsequent additions or changes.

8. At any time during the customer's selected current payment plan period, a new payment plan period of different duration may be selected without incurring termination liability charges provided that the remaining months of the current plan period are of shorter duration than the months of the new payment plan selected.

No Product/Service or adjustment charges will be reapplied for the existing service left in place. The customer must signify, in writing, on forms provided by the Telephone Company the acceptance of the new payment plan period at the current rates. A new termination liability will apply for Component A only and will begin on the effective date of the new payment plan period selected by the customer.

When a customer has prepaid Component A under a former payment plan period and selects a new payment plan prior to completion of the prepaid plan period, the Telephone Company will determine the adjustment to the charges applicable under the new payment plan period.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

E. RATES AND CHARGES

	Product/Service Charge
Terminal Asynchronous Port, each (USOC-LUT) (USOC-LYTAX)	$115.00
Host Asynchronous Port, each (USOC-LUV)	115.00
Datalan Port each (USOC-LNVXX)	115.00
Multiplexer Asynchronous Port, each (USOC-LWJ)	38.00
Modem Pool Port	
Incoming port, per modem (USOC-LWH1X)	150.00
Outgoing port, per modem USOC-LWH0X)	150.00
Change and Rearrangement Charges	
Port Rearrangement, each (USOC-SESPR)	
- Initial port	115.00
- Additional port, each [2]	33.00
Database change, Per port (USOC-FN6DC)	
- Initial port	80.00
- Additional port, each [2]	7.00

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[2] When more than one port rearrangement or database change is ordered by the customer at the same time, a Product/Service Charge - Additional applies after the application of the Product/Service Charge - Initial for each occasion.

N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

E. RATES AND CHARGES (Cont'd)

	Monthly Rates [2]						
	Component A						Component
	Mo to Mo	12 Mo	24 Mo	36 Mo	48 Mo	60 Mo	B
Terminal Asynchronous Port each [3] (USOC-LUT) (USOC-LYTAX)	$21.75	$19.25	$17.75	$16.25	$15.00	$13.75	$7.25
Host Asynchronous Port each [3] (USOC-LUV)	21.75	19.25	17.75	16.25	15.00	13.75	7.25
Datalan Port each [4] (USOC-LNVXX)	21.75	19.25	17.75	16.25	15.00	13.75	7.25
Multiplexers:							
Common Equipment							
Base Units each [5] (USOC-LUQ)	157.75	137.50	129.25	118.25	110.00	101.75	52.25
Expansion Units each [6] (USOC-LUY)	104.25	90.75	85.25	79.75	74.25	68.75	35.75

1 Beginning January 1, 1996, this service is offered on a Grandfather (limited availability) basis only. This service is available only to existing customers. See Original Sheet 1 preceding for terms and conditions.

2 All of the "Component A" Monthly Rates (which include the Month to Month rates) are in addition to the "Component B" rates.

3 Each Terminal Asynchronous Port or Host Asynchronous Port or requires an exchange type facility.

4 Datalan Port requires a Centrex Line. The Centrex Line shall be rated at the existing rates as shown in the PA Informational Guide.

5 The Multiplexer Common Equipment Base Units include the equipment located at the Telephone Company central office end of a channel facility. Rates and charges for Special Services channels in the Special Services Tariff (Pa. P.U.C.-No. 304) apply. The Base Unit supports a maximum of 32 Multiplexer Asynchronous Ports.

6 The Multiplexer Common Equipment Expansion Units include the equipment located at the Telephone Company central office end of a channel facility. A 32-port Base Unit is expandable to 64, 96 or 128 ports with the appropriate addition of 32-port expansion units. A Base Unit supports only one Expansion Unit at data transmission rates of 19.2 kbps, or up to three Expansion Units at data transmission rates of 9.6 kbps per second.

N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

E. RATES AND CHARGES (Cont'd)

	Monthly Rates [2]						
	Component A						Component
	Mo to Mo	12 Mo	24 Mo	36 Mo	48 Mo	60 Mo	B
Terminal Asynchronous Port, each [3]							
(USOC-LWJ)	$9.70	$8.40	$7.75	$7.30	$6.75	$6.20	$4.45
Modem Pool Port							
Incoming port, per Modem [4]							
(USOC-LWH1X)	35.00	30.50	28.75	27.00	25.25	23.50	15.00
Outgoing port, per modem [4]							
(USOC-LWHOX)	35.00	30.50	28.75	27.00	25.25	23.50	15.00

1 Beginning January 1, 1996, this service is offered on a Grandfather (limited availability) basis only. This service is available only to existing customers. See Original Sheet 1 preceding for terms and conditions.

2 All of the "Component A" Monthly Rates (which include the Month to Month rates) are in addition to the "Component B" rates.

3 One Multiplexer Asynchronous Port is required for each port connection to Multiplexer Common Equipment Base Units and Expansion Units.

4 For each modem pool port, an exchange type facility is required, e.g., dial tone line, Centrex station line, etc.

N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

F. RATES, REGULATIONS AND PAYMENT PLANS FOR INDIVIDUAL CASE BASIS (ICB) **LANgate**

1. All terms and provisions of this Guide, except Paragraph E hereof shall apply to **LANgate** Service provided on an Individual Case Basis.

2. Rates, charges, and additional regulations, if applicable, different from that provided under the basic **LANgate** service will be provided on an Individual Case Basis based upon each customer's unique individualized service arrangement. These individual arrangements will require different service capabilities and/or different technologies such as, data transmission speeds or specific control features. Data switching equipment located on the Telephone Company premises that provides these unique service capabilities will be dedicated solely for the use of an individual customer, and is referred to as the Customer of Record.

   Customers of Record will be permitted to add Adjunct Users to their network. The Customer of Record and the Adjunct User will be subject to the following terms and conditions:

   a. Any problems or issues regarding the administration, maintenance or operation of the network will be resolved solely through the Telephone Company and the Customer of Record.

   b. Upon mutual agreement of the Telephone Company, the Customer of Record and the Adjunct User, the Telephone Company will bill the Adjunct User for agreed upon elements of the service provided.

   Rates for **LANgate** provided on an ICB basis will cover all appropriate incremental costs as determined by the Telephone Company, including the entire cost of the data switching equipment regardless of degree of utilization. The rate will be developed including an engineering labor rate of $60.00 per hour and a craft labor rate of $40.00 per hour, the cost of material and an appropriate contribution.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

G. **LANgate** OPTIONAL FEATURES

1. **LANgate** SYSTEM CONTROL

GENERAL DESCRIPTION

LANgate System Control is an optional feature of **LANgate**. This feature permits the customer to access equipment within the **LANgate** system for the purpose of performing **LANgate** network management and control. Through this feature, certain system changes can be made, information about resources displayed, and rearrangements verified. Customer-provided equipment (terminals, printers, etc.) located on the customer's premises is used to interact with **LANgate** System Control.

The System Control feature also permits the customer to manage certain aspects of the customer's **LANgate** network, such as removal, restoration and/or rearrangements of terminals, personal computers, printers or other resources that interface with the **LANgate** network. These activities are performed by the customer by accessing the **LANgate** System Control database and by inputting certain commands. The commands are sent to the **LANgate** data switch equipment for execution.

An optional feature of **LANgate** System Control is Call Activity Service (CAS). Call Activity Service permits the customer to access call detail records generated from the **LANgate** data switch equipment. Access to the **LANgate** System Control database is accomplished by inputting certain commands. Through the execution of CAS commands, reports are generated to the customer which provide a summary of the customer's call activity.

REGULATIONS

1. An identification code, used to access the **LANgate** System Control feature, will be provided by the Telephone Company to the customer. In addition, the customer must utilize an alpha-numeric password according to Telephone Company specifications. The user has the responsibility for the administration and security of the password.

2. All ports on the **LANgate** system must be equipped for **LANgate** System Control capability.

3. The Telephone Company reserves the right to temporarily restrict **LANgate** System Control service in the event of a service affecting condition to the central office or affiliated operating support system.

4. This service is only furnished where available, as determined by the Telephone Company.

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N0N-CENTREX **LANgate**® (CENTRAL OFFICE LOCAL AREA NETWORK)[1]

G. **LANgate** OPTIONAL FEATURES (Cont'd)

1. **LANgate** SYSTEM CONTROL (Cont'd)

TRAINING

Initial training of two customer employees in the use of the feature is included at the time **LANgate** System Control is placed in service. Training of additional employees or customer requested training subsequent to the initial training session will be on a time/occasion basis.

Subsequent Software Administration of **LANgate** System Control by the Telephone Company at the customer's request will be charged on a time/occasion basis.

RATES AND CHARGES

	Product/Service Charge	Monthly Rate	USOC
LANgate System Control (per Identification code)	$2,000.00	$205.00	RE8
Call Activity Service (CAS)			
- Rates per Port	1.00	0.30	RE9
Subsequent Training/ Software Administration			
- First hour of each training session	190.00	-	STJ
- Each additional 1/4 hour	17.00	-	-

[1] Beginning January 1, 1996, this service is offered on a Grandfather (limited availability) basis only. This service is available only to existing customers. See Original Sheet 1 preceding for terms and conditions.