
OBSOLETE CENTREX SERVICE^{/1/}

A. General Regulations

1. The Company will provide, subject to the availability of facilities, Centrex Service which is an arrangement of exchange access switching equipment, attendant positions and other facilities in accordance with the provisions of this Guidebook.

Facilities will be considered to be available if:

- Central office capacity is adequate to provide service to the customer without prematurely necessitating an addition in that central office, and
- Outside facilities exist so that major additions are not required in order to provide service to the customer.

At the customer's request, service may be provided if facilities are not available. If the requested service is provided, additional charges covering the costs incurred by the Company will apply based on the necessary additions.

The Company will determine and provide the necessary network access lines, switching equipment and other facilities required for exchange and other services furnished by the Company. Provision of optional features is limited to the capabilities of the serving office.

Attendant positions and related equipment are rated separately.

2. Additional equipment or facilities required as a result of seasonal business requirements or for customer-owned facilities will be charged for on an individual-case basis.
3. The following terms as used in this Section apply to Centrex II and Centrex III Service and shall mean:

Primary Centrex location

Any customer location designated as the main service location. Attendant positions will normally be situated at the primary location. However, within transmission limitations, the attendant positions may be situated at a location other than the primary.

Secondary Centrex location

Customer location other than the primary, but is served by the same Centrex System as the primary.

Centrex station line

A main station line of the Centrex System which has full in-out dialing privileges and access to or from the attendant.

Fully restricted station line

A main station line having intra-system dialing privileges only and having no access to or from the attendant. Fully restricted station lines may call any other station line of the system.

Workable Station Lines

Centrex station lines available for customer use.

/1/ This service was grandfathered on June 21, 1993.

OBSOLETE CENTREX SERVICE (cont'd)**A. General Regulations (cont'd)**

4. All operation at customer's premises is performed at the expense of the customer and must conform with the rules and regulations the Company may consider necessary to maintain a proper standard of service.
5. Other facilities and miscellaneous service offerings requested by customers and not detrimental to this service or other services of the Company will be furnished at the customer's expense.
6. Sufficient floor space and the necessary power wiring, power outlets and commercial power for the operation of Centrex Service are furnished by the customer, who assumes all responsibility for the safe condition of such floor space, wiring, outlets and power.
7. One primary listing will be furnished without charge with each Centrex Service in accordance with the regulations set forth in Part 12, Section 1 this Guidebook. (C)
8. The primary location of a Centrex customer served by switching equipment on Company premises must be in the same serving office area from which service is furnished.
9. A Centrex secondary location is furnished the same calling scope as the primary location. In addition, the switching equipment must be located in the same serving office area as the customer's secondary location.
10. For Centrex II and III, service furnished at secondary locations must be of the same grade and class of service as that furnished at the primary location.
11. A secondary location of a Centrex System will be furnished only if located in the same exchange as the primary location or zones of a metropolitan area, except as provided for by Optional and Extended Area Service arrangements as offered in this Guidebook.
12. Centrex secondary locations may be provided in different exchange areas than the related primary when both the primary and secondary are within a common Extended Area Service complex. Rates for station lines of such secondary locations are equivalent to those specified for "Secondary Location--located in noncontiguous serving office area to primary location".
13. The assignment of telephone numbers for Centrex Systems shall be in accordance with Part 2, Section 2 of this Guidebook.
14. When a customer requests a special service offering or modification of a standard service offering, it will be furnished whenever possible if not detrimental to any of the services or equipment of the Company. Such special service offering or modification of standard service offerings will be furnished at additional charges.

OBSOLETE CENTREX SERVICE (cont'd)**A. General Regulations (cont'd)**

15. Private line charges as specified in Part 15, Section 2 apply to station lines extending outside the same building or beyond the same premises at both primary and secondary locations. Such station lines must be provided from the location from which they are measured.

Customer locations meeting the minimum station line requirements for secondary location rate treatment, but served by switching equipment serving another primary or secondary location may be rated as secondary locations in lieu of mileage charges as specified above. Such locations must be in the same serving office area as the related primary or secondary and must be served by switching equipment located on Company premises.

Urban mileage charges for circuits extending beyond the base rate area apply at a primary location as specified in Part 4, Section 5 of this Guidebook. Such charges do not apply to secondary locations.

16. Mileage charges applicable to secondary locations are measured from the primary location. In the case of off-premises station lines, mileage is measured from either the primary or secondary location, whichever is closer, however, service must be provided from the location from which it is measured.
17. Centrex main station lines terminating in attendant positions or dial equipment of another PBX, Centrex or similar system constitute station- to-trunk tie lines. Universal Tie Line Terminal rates are applicable to such terminations. The Centrex station line rate is not applicable to station-to-trunk tie lines.
18. Tie Line Terminal rates specified in Paragraph G of this Section apply for each tie line terminating in a Centrex System.
19. Network Access Terminal rates shall apply for each SCAN- and CCSA-type access line terminating in a Centrex System.
20. The rates and charges shown herein apply in addition to other applicable nonrecurring charges as described in the Service Connection Charges section in Part 3, Section 1.
21. Centrex II - The Exchange Access and Intercommunication portion of main station line charges are not offered separately. The rates and charges specified herein for main station lines provide for a main station line component. The main station line consists of all facilities, including intercommunication and outside plant facilities from the Centrex System dial switching equipment to the network interface located on the customer's premises at the point where the network cable terminates.^{/1/}

/1/ Main station line rates for off-premises stations, restricted or unrestricted, do not include outside plant facilities (see Paragraph A.15).

OBSOLETE CENTREX SERVICE (cont'd)**A. General Regulations (cont'd)**

21. (cont'd)

Centrex III - A Centrex III main station line consists of all facilities including intercommunication and outside plant facilities from the Centrex System dial switching equipment to the network interface located on the customer's premises at the point where the network cable terminates.^{/1/}

The rates and charges specified herein for fully restricted main station lines provide for a fully restricted main station line component. The fully restricted main station line consists of all facilities, including intercommunication and outside plant facilities from the Centrex System dial switching equipment to the network interface located on the customer's premises at the point where the network cable terminates.^{/1/}

22. The customer may move Centrex Service within the same serving central officer where facilities permit based on costs. The customer's contract is not affected.
23. Service and Equipment Charge of \$5.50 applies per change, per station, when providing or rearranging hunting; changing to or from restricted stations, nonrestricted stations or semi-restricted stations.
24. Nonrecurring charges are applicable as specified in Part 3, Section 1 of this Guidebook.
25. Centrex II and III are obsolete services and are available only to existing customers. Outside moves are allowed only within the same central office.

B. Exchange Schedules

1. Centrex II - Where reference is made to "RXR," "RX2," "RGR," "RGK," "RX3," "RX4," "RGA" or "RGB" in this Guidebook, it denotes the intercom portion of the station line rate. "RFN" denotes the Exchange Access portion of the station line rate.
2. Centrex III - Where reference is made to "111NF," "11SSO," "11SCO" or "11SNC" in this Guidebook, it denotes the intercom portion of the station line rate. "STL++" or "DPS++" denotes the facility portion of the station line rate. Exchange Access is rated at the PBX trunk rate.

/1/ Main station line rates for off-premises stations, restricted or unrestricted, do not include outside plant facilities (see Paragraph A.15).

OBSOLETE CENTREX SERVICE (cont'd)

C. Standard Features

Centrex II and III Standard Features include: direct outward calling direct inward calling, station-to-station calling, station hunting, call transfer-attendant, restriction from outgoing calls, station restriction^{/3/}, reserve power, busy verifications, night service, identified outward calling, call interception, call transfer-individual, consultation hold, add-on and trunk answer from any station.^{/1,2,4,5/}

Touch-Tone Calling is a standard feature of Centrex III service.

The station line rate does not include attendant positions and related equipment.

- /1/ The reserve power feature provides an alternate independent source of power to maintain telephone service (excluding certain attendant supervisory functions and key telephone arrangements) during a commercial power failure. The Company agrees to make every reasonable effort to assure continued operation until such time as commercial power is restored.
- /2/ Busy verification will be provided subject to the operating limitations of the equipment or facilities selected by the Company and provided no unusual expense is involved.
- /3/ Does not include toll restriction.
- /4/ Call transfer-individual, consultation hold and add-on will function only on an incoming call from the telecommunications network.
- /5/ Add-on provided for a maximum of one additional station line being added at one time to an existing incoming call from the telecommunications network.

OBSOLETE CENTREX SERVICE (cont'd)

D. Rates – Centrex C.O. Service

Station Lines - Centrex II Service

Primary Location

Centrex Station	On-Premises Station Lines		Off-Premises Nonrestricted Station Lines ^{/2/}	
	/RXR/ /RX2/ ^{/3,5/}	/RFNAA/	/RX3/ /RX4/ ^{/3,5/}	/RFNAB/
	\$10.80	\$17.25	\$5.95	\$6.75
				<u>Monthly Rate</u>
Fully restricted main station line on premises, each /RX5/ /RUV/ ^{/3,5/}			\$24.65	
Fully restricted main station line off premises, each /RX6/ /RVW/ ^{/2,3,5/}				6.65
Minimum charge, per system			^{/1/}	

Secondary Location

Located in same serving office area as primary location

Centrex Station	On-Premises Station Lines		Off-Premises Nonrestricted Station Lines ^{/2/}	
	/RXR/ /RX2/ ^{/3,5/}	/RFNAA/	/RX3/ /RX4/ ^{/3,5/}	/RFNAB/
	\$10.80	\$17.25	\$5.95	\$6.75
				<u>Monthly Rate</u>
Fully restricted main station line on premises, each /RX5/ /RUV/ ^{/3,5/}			\$24.65	
Fully restricted main station line off premises, each /RX6/ /RVW/ ^{/2,3,5/}				6.65
Minimum charge, per system			^{/1/}	

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

D. Rates – Centrex C.O. Service (cont'd)

Station Lines - Centrex II Service (cont'd)

Secondary Location

Located in contiguous serving office area to primary location

Centrex Station	On-Premises Station Lines		Off-Premises Nonrestricted Station Lines ^{/2/}		Monthly Rate
	/RXR/	/RX2/ ^{/3,5/}	/RFNAA/	/RX3/ /RX4/ ^{/3,5/}	/RFNAB/
	\$13.30		\$17.25	\$8.45	\$6.75
					<u>Monthly Rate</u>
					Fully restricted main station line on premises, each /RX5/ /RUV/ ^{/3,5/} \$24.65
					Fully restricted main station line off premises, each /RX6/ /RVW/ ^{/2,3,5/} 6.65
					Minimum charge, per system ^{/1/}

Secondary Location

Located in noncontiguous serving office area to primary location

Centrex Station	On-Premises Station Lines		Off-Premises Nonrestricted Station Lines ^{/2/}		Monthly Rate ^{/4/}
	/RXR/	/RX2/ ^{/3,5/}	/RFNAA/	/RX3/ /RX4/ ^{/3,5/}	/RFNAB/
	\$10.80		\$17.25	\$5.95	\$6.75

The following is applicable to locations in noncontiguous serving office areas as described above:

Station Line Additive \$.80 /1LVFS/ per mile or fraction thereof (minimum additive per station line is \$4.00)

	Monthly Rate
Fully restricted main station line on premises, each /RX5/ /RUV/ ^{/3,5/}	\$24.65
Fully restricted main station line off premises, each /RX6/ /RVW/ ^{/2,3,5/}	6.65
Minimum charge, per system ^{/1/}	

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

D. Rates – Centrex C.O. Service (cont'd)

Station Lines - Centrex III Service^{/7/}

Primary Location

Monthly Rate			
On-Premises		Off-Premises ^{/2/}	
Intercom Equipment ^{/3,5/} /111NF/	Station Line ^{/6/} /STL++/	Intercom Equipment ^{/3,5/} /111NF/	Station Line /DPS++/
\$6.25	\$14.65	\$6.25	\$.55

Monthly
Rate

Fully restricted main station line on premises, each /RST++/ ^{/3,5/}	\$20.50
Fully restricted main station line off premises, each /DPR++/ ^{/2,3,5/}	6.40
Minimum charge, per system	^{/1/}

Secondary Location

Located in same serving office area as primary location

Monthly Rate			
On-Premises		Off-Premises ^{/2/}	
Intercom Equipment ^{/3,5/} /111SSO/	Station Line ^{/6/} /STL++/	Intercom Equipment ^{/3,5/} /11SSO/	Station Line /DPS++/
\$6.25	\$14.65	\$6.25	\$.55

Monthly
Rate

Fully restricted main station line on premises, each /RST++/ ^{/3,5/}	\$20.50
Fully restricted main station line off premises, each /DPR++/ ^{/2,3,5/}	6.40
Minimum charge, per system	^{/1/}

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

D. Rates – Centrex C.O. Service (cont'd)

Station Lines - Centrex III Service^{/7/} (cont'd)

Secondary Location

Located in noncontiguous serving office area to primary location

On-Premises		Off-Premises ^{/2/}	
Intercom Equipment ^{/3,5/} /111SNC/	Station Line ^{/6/} /STL++/	Intercom Equipment ^{/3,5/} /11SNC/	Station Line /DPS++/
\$6.25	\$14.65	\$6.25	\$.55

The following is applicable to locations in noncontiguous serving office areas as described above:

Station Line Additive \$.80 /1LVFS/ per mile or fraction thereof (minimum additive per station line is \$4.00)

	<u>Monthly Rate</u>
Fully restricted main station line on premises, each /RST++/ ^{/3,5/}	\$20.50
Fully restricted main station line off premises, each /DPR++/ ^{/2,3,5/}	6.40
Minimum charge, per system	^{/1/}

Footnotes:

- /1/ The minimum charge for Centrex station lines served by switching equipment located on Company premises, excluding fully restricted station lines and any other chargeable items of equipment or service, per Centrex System, shall be the rate applicable to 30 main Centrex station lines at the primary location and 30 main Centrex station lines at each secondary location.
- /2/ In addition, apply channel charges as specified in Part 15, Section 2.
- /3/ A Service and Equipment Charge of \$28.50 applies for each main station line equipped.
- /4/ Mileage charges or the minimum additive, whichever is applicable, apply to all station lines at a secondary location, including the 30 station line minimum, in addition to the applicable rates for the basic service.
- /5/ A Service and Equipment Charge of \$5.50 applies when providing or rearranging hunting, changing to or from restricted stations, nonrestricted stations or semi-restricted stations or changing station numbers.
- /6/ This rate only applies to stations in excess of the number of Centrex III access lines.
- /7/ These rates are only available for additions to Centrex III systems provided under the Rate Stability Plan.

OBSOLETE CENTREX SERVICE (cont'd)

E. Optional and Extended Area Service Arrangements

1. Optional Service Arrangements

Centrex Service may be provided at primary and secondary locations in zones of a metropolitan exchange or optional exchange areas, as defined in the Part 4 of the Guidebook.

Rates - Flat Rate	<u>Monthly Rate</u>
Primary Location in Metropolitan or Optional Exchange Service Area Served by Local Exchange Service	Applicable Guidebook Rates
Served by Optional Exchange Service per main station, each /ZZOSL ^{/1/}	\$3.85 ^{/3/}
Secondary Location in Metropolitan or Optional Exchange Service Area Served by Local Exchange Service	Applicable Guidebook Rates
Served by Optional Exchange Service per main station, each /ZZOSL ^{/1/}	\$3.85 ^{/4/}

Plus \$.80, per station, per mile or fraction thereof. /1LVFS/
Minimum mileage charge, per station is \$4.00 /1LVFS/ ^{/2/}

/1/ Applicable Guidebook rates for the basic service apply in addition to the appropriate additive optional service rates as specified above.

/2/ When primary and secondary locations are within the same exchange and are served by optional exchange service, only the applicable Guidebook rates plus the additive apply.

/3/ A minimum of 30 such monthly charges at primary location is applicable.

/4/ A minimum of 30 such monthly charges at secondary location is applicable.

OBSOLETE CENTREX SERVICE (cont'd)

E. Optional and Extended Area Service Arrangements (cont'd)

2. Extended Area Service Arrangements

Centrex Service may be provided at primary and secondary locations in Extended Area Service complexes.^{/2/}

Rates - Flat Rate	Monthly Rate
Primary Location	Applicable Guidebook Rates
Secondary Location when located in same exchange as primary location	Applicable Guidebook Rates
Secondary Location when located in different exchange, of Extended Area Service Complex, than primary location ^{/1/}	Plus \$.80, per station, per mile or fraction thereof. /1LVFS/ Minimum mileage charge, per station is \$4.00 /1LVFS/ ^{/2/}

/1/ Applicable Guidebook rates for the basic service apply in addition to the appropriate additive Extended Area Service rates as specified above.

/2/ Extended Area Service is provided between contiguous exchanges on a non-optional basis. Telephone calls between the exchanges maybe completed without the application of message toll telephone charges.

OBSOLETE CENTREX SERVICE (cont'd)

F. Off-Premises Station Lines - Regulations

1. Off-premises station lines are furnished subject to the availability of facilities and provided no unusual expense is involved.
2. An off-premises Centrex station line will be furnished the same service as a primary Centrex station line where facilities permit. When additional facilities are required, they may be provided under applicable sections of this and other Guidebook or on a Special Service Arrangement Request basis.
3. Off-premises station lines may be located on other premises of the customer or on the premises of someone other than the customer. The private line service charge treatment given in Part 15, Section 2 applies in connection with such station lines.
4. With respect to the use of off-premises station lines, the following regulations apply:
 - Off-premises stations located on other premises (except different premises in the same building where standard operation and transmission can be obtained on all connections) are furnished for communication with other stations directly connected to the Centrex System, tie lines or other off-premises station lines only, subject to the condition that in some cases standard operation and transmission may not be obtained when such connections are established.
 - Off-premises stations located on a premises other than that of the customer are furnished with the understanding that such stations are provided only if some separate class of exchange service is also furnished at the off-premises location.

OBSOLETE CENTREX SERVICE (cont'd)

G. Facility Terminations

1. Tie Lines

- a. A tie line is a facility directly connecting two PBX, Centrex or similar systems. Tie lines are furnished subject to the availability of facilities and are provided when no unusual expense is involved.
- b. Tie lines may terminate in Centrex Systems of the same or different customers and on the same or different premises. For applicable private line charges, refer to Part 15, Section 2.
- c. The following regulations apply in connection with the use of tie lines associated with the Centrex Systems.
 - 1. Tie lines connecting Centrex Systems, or a Centrex System with a PBX or similar system, are arranged at the Centrex System end for standard operation and transmission when connected with trunks, off-premises station lines or other tie lines.
 - 2. Universal Tie Line Terminal Charges

The following rates apply for a universal tie line terminal when associated with a Centrex System.^{/2,3/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
With operator and/or central office access, each /TLL/ ^{/1/}	\$77.00	\$53.25	\$6.75
Without operator or central office access, each /TLN/ ^{/4/}	69.45	53.25	6.75

/1/ This service provides the facilities necessary within the Centrex System for a tie line termination and for connection to the Telecommunications Network.

/2/ Charges equivalent to the charges for these Universal Tie Line Terminals will apply for the termination of station lines of a Centrex System in attendants' positions and/or switching equipment of another Centrex System. The Company shall not be responsible for the through transmission of signals or of supervision when facilities are arranged in this manner.

/3/ Also intended for use in terminating interstate Enhanced Private Switched Communications Service (EPSCS) channels, Type A.

/4/ Available where facilities permit.

OBSOLETE CENTREX SERVICE (cont'd)

G. Facility Terminations (cont'd)

1. Tie Lines (cont'd)

d. Advanced Private Line Termination (APLT)

1. The APLT unit is used to terminate tie lines, private line facilities and access lines from switched private line services, such as Enhanced Private Switched Communications Services (EPSCS) and access lines furnished by Other Common Carriers to the Centrex dial switching equipment where facilities permit.
2. The following rates apply for Advanced Private Line Termination Service:

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Advanced Private Line Termination Units, each /PLS/ ^{/1/}	\$143.50	\$38.25	\$6.75

2. Out-WATS Terminations

When an outward WATS line is terminated in the switching equipment of a Centrex System, the following Out-WATS Termination Charge is applicable. This termination provides dial access to WATS lines so equipped.

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Out-WATS Termination Charge, Per WATS line /WLA/	\$15.35	^{/2/}	\$6.75

/1/ A Service Establishment Charge of \$540.00 is only applicable the first time the APLT feature is activated for a customer.

/2/ A Complex Installation/Move Charge of \$50.00 is applicable if installed subsequent to the initial installation of the Centrex System.

OBSOLETE CENTREX SERVICE (cont'd)

G. Facility Terminations (cont'd)

3. Network Access Terminals

- a. Network access terminals are furnished at Centrex Systems to provide station users access to the customer's SCAN- and CCSA-type networks.
- b. Dial network access terminals include the following service features:^{/1/}
 1. Network inward dialing of calls to station lines on the Centrex System.
 2. Direct outward dialing of network calls from station lines of the Centrex System.
 3. Attendant transfer of incoming network calls from one station line of a Centrex System to another station line of that same system.
 4. Discrete identification to the attendant positions and stations on the SCAN- or CCSA-type network are furnished for communication between other attendant positions and stations on the same SCAN- or CCSA-type network.
- c. Access lines connecting attendant positions and stations on the SCAN- or CCSA-type network are furnished for communication between other attendant positions and stations on the same SCAN- or CCSA-type network.

/1/ These features are provided only where appropriate Centrex equipment is installed.

OBSOLETE CENTREX SERVICE (cont'd)

G. Facility Terminations (cont'd)

3. Network Access Terminals (cont'd)

d. Rates

1. The following rates apply for a network access terminal in a Centrex System for use with a CCSA-type network:

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Dial network access terminals, each /901/ ^{/1/}	\$62.90	\$53.25	\$6.75
Manual termination in attendant position only, per network access terminal /9CS/	32.40	65.00	6.75

2. The following rates apply for a network access terminal in a Centrex System for use with a SCAN network:

Dial network terminals ^{/1/} With multilevel precedence preemption calling, each /DKB/	90.20	150.00	6.75
Without multilevel precedence preemption calling, each /DKC/	83.00	150.00	6.75
Manual network access terminals Access lines will terminate only in an attendant position with automatic network supervision and/or precedence preemption capabilities, each /BK1/	36.10	50.00	6.75

3. Attendant arrangement for SCAN
Switched Service network multi-line
precedence preemption calling,
per switchboard position equipped /DKR/
- | | | | |
|--|-------|-------|------|
| | 19.40 | 25.00 | 6.75 |
|--|-------|-------|------|

/1/ This service provides the facilities necessary within the Centrex System for CCSA-type network termination.

OBSOLETE CENTREX SERVICE (cont'd)

H. Termination Charges and Contract Term

Centrex Service will be furnished at the same location under the schedules and conditions set forth below:

Primary Location

Primary locations will require a termination contract based on the contract schedule.

Secondary Location

Secondary locations will require a separate termination contract based on the contract schedule with the workable station line count starting from zero.

Contract Schedule

Contract term is three years.

Workable station line capacity

Termination
Charges

Primary Location

Switching equipment located on Company premises Each 30 station lines	\$9,700.00
--	------------

Secondary location

Located in same central office area as primary location Each 30 station lines	12,250.00
--	-----------

Located in contiguous central office area to primary location Each 30 station lines	13,500.00
--	-----------

Located in noncontiguous central office area to primary location Each 30 station lines	14,900.00
---	-----------

OBSOLETE CENTREX SERVICE (cont'd)

H. Termination Charges and Contract Term (cont'd)

Contract Conditions

1. Termination charges will apply for Centrex Service if discontinued or transferred to another address before the expiration of the initial contract period. Termination charges as set forth above shall be reduced by 1/36 for each month the service is retained in service at the same location.
2. Initial termination contract amounts are based on the one-year forecast of the workable station line capacity. Separate termination contracts are required as additional working station lines are connected and when the workable station line capacity exceeds the range of the present contract schedule. These termination contracts will be executed for the difference between the existing termination contract amount and the amount specified by the new contract schedule. Contracts will run concurrently until expired or terminated.
3. Termination charges will apply when a Centrex System is reduced to the extent that the workable station line capacity falls into the next lower range of the contract schedule and equipment is removed.
4. When facilities directly associated with the provision of Centrex Service are disconnected, which are covered by a Contract Term, applicable charges are determined on a last-in, first-out basis.
5. The customer will be given the choice of arranging for change in location on the same premises by one of the methods as shown in Part 3, Section 1 of this Guidebook and regardless of whether or not the initial contract period has expired.
6. Cancellation of Contract

Where the applicant cancels an application for service prior to start of engineering, manufacturing or installation work, no charge applies.

Where engineering, manufacturing or installation of facilities has been started prior to the cancellation, the charge specified below, whichever is lower, applies.

- A charge equal to the estimated costs incurred in connection with such engineering, manufacturing or installation work, less estimated net salvage.
 - The charge for the minimum period of the service ordered by the customer as provided in this Guidebook plus the full amount of any termination charges applicable.
7. The move of attendant consoles from the current primary location to a secondary location, thus making the secondary the new primary location by definition, does not constitute a termination of service. Charges for this type of move will be based on cost.

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features**Centrex Optional Features^{/10/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Additional Listed Number Group, per system^{/1,2/}			
Second Listed Number Group			
Workable Station Line Capacity			
Up to 500 /LPEX2/	\$218.20	---	\$9.50
Over 500 /LPEX3/	327.20	---	9.50
Third Listed Number Group			
Workable Station Line Capacity			
Up to 500 /LPSX2/	366.25	---	9.50
Over 500 /LPSX3/	615.55	---	9.50
Fourth Listed Number Group			
Workable Station Line Capacity			
Up to 500 /LPGX2/	475.25	---	9.50
Over 500 /LPGX3/	794.80	---	9.50
Fifth Listed Number Group			
Workable Station Line Capacity			
Up to 500 /LPHX2/	623.35	---	9.50
Over 500 /LPHX3/	1,012.85	---	9.50
Attendant Conference Arrangement /RKT/^{/3/}	177.45	\$4.00	6.75
Attendant Control of Facilities			
Controlled access code(s) and one key control arrangement /TGC/ ^{/4,5/}	4.70	15.00 ^{/6,7/}	6.75
Additional key control arrangement, each /TGD/ ^{/5/}	4.70	15.00 ^{/6,8/}	6.75
Automatic Callback			
Common equipment, per system /ACY/ ^{/9/}	31.50	180.00	6.75
Per main station line equipped /SAK/	2.50	4.00 ^{/11/}	6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Footnotes:

- /1/ The first number group is provided as part of Centrex Service. A second listed number group is included in the rate for a third listed number group, etc.
- /2/ No distinctive identification is provided for additional listed number groups with the trunk answer any station feature.
- /3/ This is an attendant-controlled conference arrangement. This conferencing equipment provides for the simultaneous connection of several Centrex station lines on the same premises. Connection of lines, other than as stated above, is subject to the limitations of the equipment, and where such equipment can be connected to Exchange Service, Private Line Service or Long Distance Message Telecommunications Service, the responsibility of the Company shall be limited to the furnishing of facilities suitable for Exchange Service, Private Line Service or Long Distance Message Telecommunications Service and to the maintenance and operation of such facilities in a manner proper for such services.
- /4/ The number of controlled access codes is determined by the customer.
- /5/ In addition, apply standard rates for the following:
 - Control channel extending from the serving central office to the customer's premises for each key required, specified in Part 15, Section 2.
- /6/ A Complex Installation/Move Charge of \$45.00 is applicable for changes or rearrangements in controlled access codes.
- /7/ A Complex Installation/Move Charge applies only when the feature is installed subsequent to the initial Centrex Service.
- /8/ A Complex Installation/Move Charge of \$45.00 applies if installed subsequent to initial installation of Attendant Control of Facilities.
- /9/ A Service Establishment Charge of \$410.00 applies.
- /10/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.
- /11/ A maximum of \$4.00 applies per station line when installing any three or fraction thereof noted optional features with the initial installation of the station line or on subsequent additions of these features to an existing station line.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Automatic Route Selection^{/1/}			
Rates			
Common Equipment, per Automatic Route Selection arrangement /ART/ ^{/10/}	\$8.50	\$35.00	\$6.75
Facility terminated in patterns, each /AR5/ ^{/2/}	.35 ^{/3/}	55.00 ^{/4/}	6.75
Route Selection Patterns ^{/5,6/}			
1. By Numbering Plan Area code only with final route to:			
The Telecommunications Network, per pattern /AR9/	3.50	75.00	6.75
Overflow tone, per pattern /ARG/	6.70	75.00	6.75
2. By Numbering Plan Area and Central Office code with final route to:			
The Telecommunications Network, per pattern /ARH/ ^{/8/}	5.95	160.00	6.75
Overflow tone, per pattern /ARK/ ^{/8/}	9.15	160.00	6.75
		<u>Nonrecurring Charge</u>	<u>Service and Equipment Charge</u>
Changes			
1. To add or delete codes within the same pattern or to add or delete routes within the same pattern without changing the type of screening ^{/7/} , per pattern			
		\$55.00	\$6.75
2. To change the overflow from tone to the Telecommunications Network or vice versa without changing the type of screening ^{/7/} , per pattern			
		55.00	6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Automatic Route Selection (cont'd)

Footnotes:

- /1/ See Sheet 23 for additional regulations applicable to Automatic Route Selection.
- /2/ Applies per facility regardless of the number of patterns having access to that facility.
- /3/ Applies in addition to standard rate for the facilities involved.
- /4/ There is no Complex Installation/Move Charge for adding or deleting facilities used in the Automatic Route Selection feature other than those associated with the facility itself, unless it results in the addition or deletion of a route.
- /5/ The number and type of patterns is determined by the customer.
- /6/ If Toll Restricted or Toll Diverted stations access patterns described on the previous sheet, paragraph 1.a. or 2.a. (The Telecommunications Network, per pattern), they should be charged for as stated in either paragraph 1.b. or 2.b. (Overflow tone, per pattern), respectively.
- /7/ If these changes result in a change in screening, it should be considered as a new pattern, and normal installation charges apply.
- /8/ This charge applies to each NPA translated where Central Office Code translation is required for more than one NPA per single facility group or route.
- /9/ The Service and Equipment Charges for Optional Features apply only to changes and additions to existing systems.
- /10/ A Service Establishment Charge of \$1,650.00 applies.

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Automatic Route Selection (cont'd)

Definitions for terms used in this offering are as follows:

Code is either the Numbering Plan Area (NPA) Code or Central Office (NNX) Code of the dialed telephone number. In 312-555-1212, 312 is the Numbering Plan Area Code and 555 is the Central Office Code.

Facility denotes a specific FX, CCSA - Off-Net, WATS, Tie Line or OCC access line compatible with Automatic Route Selection and has senderized operation and uniform numbering that is consistent with the Message Telecommunications Network.

Route refers to an access path group of like facilities which are used to complete seven- or 10-digit calls between the same points. Examples of facility groups would be seven FX trunks to Chicago or one Band 5 WATS. A route may be used in one or more patterns.

Route Selection Pattern is a group of up to four (4) routes arranged in a sequence determined by the customer.

Screening is a process of scanning over Numbering Plan Area Codes (NPA screening) or over Numbering Plan Area and Central Office Codes (NPA/NNX screening). NPA screening also provides scanning over those NNX codes which are in the home NPA.

Regulations

All route and pattern assignments will be designated by the customer. The customer is responsible for notifying the Company of any changes required in his Automatic Route Selection feature.

All rates and charges for Automatic Route Selection are in addition to the rates and charges for the associated facilities. OCC services may be terminated in Automatic Route Selection by the use of the universal tie line terminal at applicable rates in addition to the Automatic Route Selection rates and charges.

Patterns without final route to the Telecommunications Network may be offered only if a customer subscribes to a sufficient number of facilities which in the judgment of the Company provide an adequate level of service so as to avoid interfering with the service of others or to prevent others from making or receiving calls.

The Company is not responsible for notifying the customer of new codes or changes in any local calling rates.

A pattern may have overflow to tone or overflow to the Telecommunications Network but not to both.

Where Central Office Code translation is required for more than one NPA per single facility group or route, rates and charges as specified in 'By Numbering Plan Area Code only with final route to:' apply.

Automatic Route Selection is a call routing capability in which all codes must be routed. Code blocking is not provided.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/1/}

Automatic Route Selection (cont'd)

ARS Design Recommendation

At the request of the customer, the Company will provide an ARS Design Recommendation based upon the traffic data available and configured utilizing Company Traffic Engineering principles. The charges shown below for this service apply per occasion and include provision of the data to the customer in Company printed copy format. The accuracy of the recommendation provided to the customer is dependent upon the data available and the assumptions used and should not be construed as a guarantee of future performance. The customer is responsible to advise the Company of the ARS design to be used.

	<u>Nonrecurring Charge</u>	<u>Service and Equipment Charge</u>
Rates:		
Tape Summarization Procedure ^{/2/}		
Per occasion: /ARXTP/		
- First 10,000 calls or fraction thereof processed	\$1,350.00	\$6.75
- Each additional 1,000 calls or fraction thereof processed	38.50	
Manual Input Procedure ^{/3/}		
Per occasion: /ARXMP/		
- First 10,000 calls or fraction thereof processed	1,200.00	6.75
- Each additional 1,000 calls or fraction thereof processed	23.75	

/1/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

/2/ Applicable when the tape summary module of the Traffic Engineering for ARS (TEARS) program is used to provide tape summarization of the customer's traffic.

/3/ Applicable when summarized data is available and input manually into an ARS engineering module of the TEARS program.

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**Centrex Optional Features (cont'd)^{/25/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Busy Verification of Tie Trunks, Centrex System /B24/ Per trunk to be accessed /B25/	\$3.75 .75	\$39.75 ---	\$6.75 6.75
Call Forwarding – Busy Line ^{/1,2/} (forwards to a station line or the attendant) Per station line equipped /E6G/	.15	4.00 ^{/3,4/}	6.75
Call Forwarding – Don't Answer ^{/1,2/} (forwards to a station line or the attendant) Per station line equipped /E9G/ Ringing cycle changed, per main station line changed	1.40 ---	4.00 ^{/3,4/} ---	6.75 6.75
Call Forwarding Over Private Facilities ^{/14,15/} Common equipment, per system /EAY/ ^{/16/} Per main station line equipped /EAP/ Reminder ring, per main station line equipped	90.60 3.90 ---	1.50 1.50 --- ^{/17/}	6.75 6.75 6.75
Call Forwarding - Variable Per main station line equipped /EAT/	.30	4.00 ^{/4/}	6.75
Call Hold and Call Pickup Per main station line equipped /EA2/ ^{/5/}	.65	4.00 ^{/4/}	6.75
Call Transfer – Individual – All Calls, Consultation Hold – All Calls and Three-Way Calling Per 100 main station lines equipped or fraction thereof /E2H/ ^{/6/}	46.80	---	6.75
Call Waiting – Terminating ^{/26/} Per main station line equipped /ESX/	.85	4.00 ^{/4/}	6.75
Call Waiting – Intragroup ^{/7,26/} Per Centrex System equipped /E6N/ Per main station line equipped /E6N/ ^{/7/}	1.25 1.25	4.00 ^{/4/} 4.00 ^{/4,8/}	6.75 6.75
Call Waiting – Originating Per main station line equipped /ESZ/ ^{/19/}	.20	4.00 ^{/4/}	6.75
Circle Hunt Per terminal in the Circle Hunt Group /EH6/	.60	4.00 ^{/9/}	6.75
Code Call Access Arrangement /CCX/ ^{/10/}	88.60	72.75	6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**Centrex Optional Features (cont'd)^{/25/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Conference Calling Arrangement, each /EMC/	\$112.30	\$4.00	\$6.75
Conference Calling Station Line Arrangement /EAN/^{/11/}	---	4.00 ^{/4/}	6.75
Dial Call Waiting, per line /E6C/^{/19,22/}	.25	4.00 ^{/4/}	6.75
Dial Thru Attendant, Per Centrex primary location /THD/^{/12/}	1.00	.25	6.75
Dictation Access Arrangement /RC8/^{/10,13,24/}	38.40	---	---
Directed Call Pickup, Per main station line equipped /DMA/^{/20,21/}	.05	.50 ^{/23/}	6.75
Distinctive Ringing and Call Waiting Tone			
Common equipment, per system /DRR/ ^{/18/}	19.55	180.00	6.75
Class B ringing/tone			
Per main station line equipped /BRT/	1.50	4.00 ^{/4/}	6.75
Class C tone			
Per main station line equipped with			
Call Waiting – Originating or Dial Call Waiting /ODT/	1.50	4.00 ^{/4/}	6.75
Class C ringing/tone			
Per preemptible SCAN access line terminal /CCN/	.70	1.75	6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Footnotes:

- /1/ When Call Forwarding - Busy Line and Don't Answer are provided on the same station, both must forward to the same address (either station line or attendant).
- /2/ The customer must specify whether he wants Centrex intercom calls to be forwarded in addition to incoming calls.
- /3/ Applies on initial installations and subsequent operational changes. Examples are: change of the forwarding address, change from DID only to DID and intercom.
- /4/ A maximum of \$4.00 applies per station line when installing any three or fraction thereof noted optional features with the initial installation of the station line or on subsequent additions of these features to an existing station line.
- /5/ These features are provided as a group per station line equipped; however, a station line must be equipped for Call Hold before it can be equipped for Call Pickup. When one station line in a Dial Pickup group is equipped for Call Pickup, all station lines in that same group are automatically equipped with the same feature; therefore, the above rate and Complex Installation/Move Charge will apply to each station line in the Dial Pickup group.
- /6/ This feature is available to all station lines in a system and is provided only on a system basis.
- /7/ This feature and rate includes Call Waiting - Terminating.
- /8/ This Complex Installation/Move Charge applies only when the station line has not been previously equipped with Call Waiting -Terminating.
- /9/ Complex Installation/Move Charge applies only to each Circle Hunt group established, not to each terminal within that group.
- /10/ Regulations covering the provisions of this service are applicable as provided in Part 2, Section 9 and Part 20, Section 2 of this Guidebook.
- /11/ This is a station line controlled conferencing arrangement. This conferencing equipment provides for the simultaneous connection of several Centrex station lines on the same premises. Connection of lines, other than as stated above, is subject to the limitations of the equipment, and where such equipment can be connected to Company Exchange Service, Private Line Service or Long Distance Message Telecommunications Service, the responsibility of the Company shall be limited to the furnishing of facilities suitable for Exchange Service, Private Line Service or Long Distance Message Telecommunications Service and to the maintenance and operation of such facilities in a manner proper for such service.
- /12/ No guarantee of transmission is provided when using this feature from a secondary location. Improved transmission may be provided on a Special Service Arrangement if necessary.
- /13/ Includes 75 feet of multiconductor wiring between the dial dictation recording terminal equipment and the recording equipment.
- /14/ Private Facility applies to CCSA, WATS, and tie lines arranged for senderized operation, and the local and toll message network. Call Forwarding to EPSCS and ETS is not presently available.
- /15/ Incoming local and toll message network and In-WATS calls to main station lines arranged for Call Forwarding Over Private Facilities routing are subject to the appropriate charges for such calls and a common recorded announcement is furnished to inform the caller that the call is being forwarded.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Footnotes: (cont'd)

- /16/ A Service Establishment Charge of \$399.00 applies.
- /17/ No Complex Installation/Move Charge applies when furnished with the initial installation of Call Forwarding Over Private Facilities feature.
- /18/ Service Establishment Charge of \$120.00 applies.
- /19/ Dial Call Waiting and Call Waiting - Originating cannot be provided on the same line.
- /20/ This feature is offered independent of Call Pickup.
- /21/ The Split Service Offering optional feature is also required in systems equipped with the fully restricted station lines.
- /22/ Not applicable to those customers served by No. 2 Electronic Switching System.
- /23/ Applies per system on initial feature installation and on any subsequent additions, deletions or rearrangements.
- /24/ Obsolete-applicable to existing installations at existing locations for existing customers.
- /25/ The Service and Equipment Charge for optional features apply only to changes or additions to existing systems.
- /26/ Cancel Call Waiting capability is also provided with this feature where available in 1A ESS central offices. A Complex Installation/Move Charge of \$104.50 applies per system for one non-standard Centrex Cancel Call Waiting Access Code.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching

1. General

Electronic Tandem Switching (ETS) features are provided only in association with Centrex Service furnished from No. 1 Electronic Switching System (ESS) central office equipment located on Company premises and may be provided, subject to the availability of facilities, to Centrex Systems which are served by the same such equipment.

2. Regulations

a. Explanation of Terms

ETS Features

ETS features are Centrex optional features which are, except as specified in this Guidebook, available on an individual basis. They include:

- Automatic Route Selection-Deluxe
- Time-of-Day Routing
- Authorization Codes
- Deluxe Queuing
- Station Message Detail Recording to Premises
- Facility Administration and Control
- Traffic Data to Customer (Pollable)
- Facility Assurance Reports
- Uniform Numbering/Automatic Alternate Routing
- Automatic Overflow to DDD
- Facilities Restriction Levels

Automatic Route Selection - Deluxe (ARS-D)

ARS-D provides for the origination of only ten-digit off-network calls to a public network telephone number, after the Centrex ARS-D access code, (e.g., "8"), automatically scans the digits and selects a first choice completing route when available, or subsequent route if the first choice route is not available. Routes may include Foreign Exchange Trunk lines, Wide Area Telecommunications Service lines, exchange trunk lines to the toll network and access lines to Common Control Switching Arrangements or other arrangements where compatible with senderized operation and uniform numbering.

The final completing route may be the toll network or, at the option of the customer, the call attempt is routed to overflow tone if a Facilities Restriction Level (FRL) is insufficient to complete the call.

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)**2. Regulations (cont'd)****a. Explanation of Terms (cont'd)**Automatic Route Selection - Deluxe (ARS-D) (cont'd)

When ARS-D is provided in conjunction with Uniform Numbering/Automatic Alternate Routing (UN/AAR), incoming tie lines from other Centrex or PBX Systems connected directly to the Centrex System may be arranged to have automatic access to the ARS-D and UN/AAR features. When such arrangements are provided, the tie lines to the ARS-D become "dedicated" tie lines and separate tie lines are required from the distant Centrex or PBX System if access is to be provided to other Centrex functions at the ARS-D equipped Centrex System. In addition, when ARS-D is provided in conjunction with UN/AAR, routes may include tie lines to a distant Centrex or PBX System equipped with an ARS-D like capability for subsequent access to the toll network.

The ARS-D feature provides all number translation and supervision necessary to route the call. "More Expensive Route" (MER) Tone is supplied, at the option of the customer, as a function of the route selected for a particular call.

Time-of-Day (TOD) Routing is an ARS-D option which permits pre-programmed selection of alternate routing pattern groups for off-network calls (up to three sets of ARS-D routing pattern groups) on a time-of-day and day-of-week basis. Manual override is available with the Facility Administration and Control feature. The maximum number of programmed changes per week is 16.

Facilities Restriction Levels (FRL)

FRL is required in connection with ARS-D and is provided on each station and incoming or two-way tie line to determine both the types of calls and types of facilities within the privileges of the associated user. When the FRL is transmitted over a tie line to a distant PBX or Centrex System equipped with ARS-D (for call screening at the distant point), it is identified as a Traveling Class Mark (TCM).

Authorization Codes are an FRL option which provide for a station user to dial a code which overrides the FRL associated with that station line or incoming tie line. The Centrex requests dialing of the authorization code when the default FRL (i.e., the FRL associated with the station line or incoming tie line) has insufficient privileges to complete the call. The Authorization Code is also inspected for validity as a security check. The Authorization Code is recorded in the Station Message Detail Recording to Premises record of the call when the SMDR-P feature is provided.

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)**2. Regulations (cont'd)****a. Explanation of Terms (cont'd)**Deluxe Queuing

Deluxe Queuing permits station users to be placed in a queue whenever the first choice route for completing a particular call is already in use. Two queuing arrangements are available:

- A Ring-back Queue (RBQ), in which case the calling station goes on-hook and is called back when a facility becomes available.
- An Off-hook Queue (OHQ), in which case the calling station remains off-hook and is held in queue until a facility becomes available.

Calls held in queue beyond a predetermined time limit will be removed from the queue and be routed, at the option of the customer, via either subsequent route choices or to overflow tone.

Station Message Detail Recording to Premises (SMDR-P)

SMDR-P provides a record on magnetic tape equipment located at the customer's premises of calls originating from Centrex station lines to locations outside the same Centrex System. Facility groups may also be designated as requiring originating and/or terminating records.

Facilities Administration and Control

Facilities Administration and Control permits customer control of parameters which determine user calling privileges, i.e., Authorization Code and associated FRL. In addition, FRL associated with stations, tie lines and Authorization Codes may be collectively upgraded or downgraded by invoking a predetermined set of FRL's identified as Controlled Alternate FRL's. Manual control (override) to TOD pattern groups and activation or deactivation of queuing is also provided.

Traffic Data to Customer (Pollable)

Traffic Data to Customer (Pollable) permits the customer to poll the switching equipment on a daily or hourly basis to obtain certain traffic measurements. Equipment must be provided at the customer's premises to record the traffic data.

Facility Assurance Reports (FAR) provide the customer the ability to obtain automatic circuit assurance data via the same equipment utilized to record traffic data. FAR includes, for example, the identity of facilities not accessed or facilities constantly off-hook during a specified period of time.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

2. Regulations (cont'd)

a. Explanation of Terms (cont'd)

Uniform Numbering/Automatic Alternate Routing (UN/AAR)

UN permits station users to place calls via tie lines using a uniform dialing plan. The user dials an access code followed by a seven-digit number which uniquely identifies a specific on-network station line. The number consists of a three-digit location code and a four-digit station line code. (When the same access code is followed by a ten-digit public network number, the call is routed via the ARS-D feature.) The feature provides the number translation and supervision necessary to route the call.

AAR provides automatic routing of on-network calls to alternate tie line routes when primary tie line routes are busy.

Automatic Overflow to DDD provides completion of on-network calls via the toll network when all primary and alternate tie line routes are busy.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

2. Regulations (cont'd)

b. Automatic Route Selection – Deluxe (ARS-D)

1. ARS-D is only furnished in association with FRL.
2. Preferred routes and alternate routes in patterns will be specified by the customer.
3. A maximum of three ARS-D pattern groups with a maximum of 64 patterns in each pattern group will be provided. The three pattern groups referred to will consist of one primary and two additional pattern groups for TOD routing.
4. A maximum of ten routes are provided in a pattern.
5. Each WATS band is treated as a separate route.
6. A maximum of 64 Numbering Plan Areas (including the home NPA) may be designated by the customer for routing of calls by central office codes (six-digit translation).
7. All rates and charges specified for ARS-D are in addition to the rates and charges for the associated facilities and facility terminations.
8. A single rate "per facility terminated in patterns" will apply regardless of the number of patterns having access to that facility. The monthly rate specified is applicable to each facility available to the patterns.
9. The charges specified in I.3. Rates, following, for each code addition or change are applicable whether customer- or Company-initiated.
10. Where ARS-D is furnished in connection with UN/AAR, tie lines to other PBX or Centrex System locations may appear as routes in ARS-D patterns when such tie lines are provided for subsequent access to the toll network at the distant PBX or Centrex System location.
11. The TOD routing feature permits up to 16 programmed changes in pattern groups per week. When additional ARS-D patterns are required due to TOD changes, rates and charges as specified in I.3. Rates, following, apply to each additional pattern.
12. CCSA access lines (off-net calls) and access lines to other similar arrangements compatible with ARS-D may be included as routes in patterns.
13. Centrex toll diversion and restriction does not function on calls routed via ARS-D.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

2. Regulations (cont'd)

c. Facilities Restriction Levels (FRL)

1. FRL is only furnished in association with ARS-D.
2. A maximum of eight FRL's are available for each Centrex System.
3. A maximum of 20,000 Authorization Codes are available with each Centrex System.
4. Authorization Codes must consist of a uniform number of digits, with a minimum of three digits and a maximum of six digits.
5. Customer implementation of change of Authorization Codes or associated FRL's require the Facilities Administration and Control feature.
6. All station lines and incoming tie line terminations with access to ARS-D must be equipped with FRL.

d. Deluxe Queuing

1. Calls in queue may overflow to subsequent routes or to tone at the customer option.
2. Deluxe Queuing is available with facilities appearing as the primary (first choice) route in ARS-D or UN/AAR patterns.
3. The text and announcement provided with the Recorded Announcement option will be provided by the Company.
4. The music for the Music-on-Queue option must be provided by the customer.
5. The Music-on-Queue option requires a voice grade channel between the central office and the customer-provided music source at the customer premises. This feature is available only with OHQ.
6. Customer must specify the length of time a call is held in queue (threshold time limit) before overflowing to subsequent routes or to overflow tone.
7. Incoming tie lines can be arranged for OHQ only.
8. Centrex stations can be provided either RBQ or OHQ. All such stations must be equipped with the same type queuing.
9. OHQ must be equipped for either Recorded Announcement or Music-on-Queue.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

2. Regulations (cont'd)

- e. Station Message Detail Recording to Premises (SMDR-P)
 - 1. SMDR-P is not represented to be a provision of billing detail.
 - 2. Processing of Station Message Detail Recording (SMDR) information the Company accounting center is not provided with this arrangement.
 - 3. The customer must designate all station lines in a No. 1 ESS customer group and/or selected facility groups on which SMDR-P originating and terminating records are to be provided.
 - 4. Additions or deletions of SMDR-P recording are provided by Company service orders.
 - 5. Where SMDR-P is provided, a detailed record may be made for each completed call. At the option of the customer, arrangements can be made to provide records of calls attempted as well as calls completed. Under certain exceptional conditions, with SMDR-P, calls may be processed without recording the call detail.
 - 6. SMDR-P includes the recording of Account Codes and Authorization Codes where these optional features are provided.
 - f. Customer Administration and Control
 - 1. Customer Administration and Control features are comprised of either or both the Facilities Administration and Control ETS optional feature and the Traffic Data to Customer (Pollable)/ FAR ETS optional feature.
 - 2. Traffic Data to Customer (Pollable)/FAR may be provided to No. 1 ESS-served Centrex Systems which are equipped with the ETS features of ARS-D and FRL.
 - 3. A business exchange line termination in each No. 1 ESS accessed is required. Rates and charges for a business exchange line apply for each such termination provided.
 - 4. Facilities Administration and Control provides:
 - (a) Select ARS-D pattern groups and determine status.
 - (b) Activate/deactivate queuing and determine status.
 - (c) Change Authorization Codes and associated FRL's.
- Traffic Data to Customer (Pollable) provides:
- (a) FAR reports listing trunks not accessed and all trunks constantly off-hook in the previous two hours.
 - (b) Traffic data reports on trunk groups and queues.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

2. Regulations (cont'd)

g. Uniform Numbering/Automatic Alternate Routing (UN/AAR)

1. All calls must consist of a seven-digit called number, after the access code or after the access code and Account Code (where this option is provided).
2. The customer must specify the first choice route and each subsequent route to each Centrex or PBX System involved.
3. The customer must notify the Company when any change in route or routing sequence is desired.
4. The maximum number of routes in a pattern is four.
5. The maximum number of patterns is 180.
6. Where calls are routed via the toll network, the rates and charges specified for Automatic Overflow to DDD, PBX Exchange Trunks and toll messages are applicable.
7. The rates and charges specified in I.3. Rates, following, apply per tie line facility terminated in UN/AAR, and Automatic Route Selection - Deluxe patterns apply once per facility, whether terminated in one or both patterns.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/1/}

Electronic Tandem Switching (cont'd)

3. Rates

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Automatic Route Selection – Deluxe ^{/2,3/}			
Common equipment per access code (per No. 1 ESS) /ASH/ ^{/4/}	\$162.25	\$1,300.00	\$6.75
Route selection patterns			
(1) Per facility terminated in pattern(s) /ASJ/	2.60	---	6.75
(2) By NPA code only, per pattern /ASK/	2.95	26.25	6.75
(3) By NPA and central office codes, per pattern /ASO/ ^{/5/}	5.75	108.50	6.75
Arrangements for additional Pattern Groups for Time-of-Day routing, each /ASZ/	7.45	266.00	6.75

/1/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

/2/ The Facilities Administration and Control feature under 'Customer Administration and Control' is applicable in addition to this rate for this feature.

/3/ Furnished only in connection with Facilities Restriction Levels feature of this ETS offering.

/4/ Service Establishment Charge of \$3,950.00 applies

/5/ Provides for routing to one NPA and to one or more central office codes within that NPA per pattern.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Automatic Route Selection – Deluxe^{/1,2/} (cont'd)			
Additions and Changes			
Additions, deletions or changes of routes, associated Facilities Restriction Levels or More Expensive Route tone application in existing patterns, per pattern /RCHAP/	---	\$26.25	\$6.75
Addition of patterns, per pattern	Apply same rates and charges as specified in 'Route selection patterns' (2) and (3), preceding		
Addition or deletion of a facility to an existing route ^{/3/}	---	---	---
Additions or changes in NPA or central office code routing, per code, per pattern group affected /RCHAC/ ^{/4/}	---	20.25	6.75
Additions, deletions or changes in Time-of-Day Routing intervals /RCHAT/	---	32.00	6.75

/1/ The Facilities Administration and Control feature under 'Control Administration and Control' is applicable in addition to this rate for this feature.
 /2/ Furnished only in connection with Facilities Restriction Levels feature of this ETS offering.
 /3/ All rates and charges specified for ARS-D are in addition to the rates and charges for the Associated Facilities and Facility Terminations.
 /4/ Charges for changes in NPA or central office codes directed to a single pattern may not exceed the charge to establish the pattern specified in 'Route selection patterns' (2) and (3), preceding.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/7/}

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Customer Administration and Control^{/5/}			
Central Office Equipment			
(1) Common equipment, each /CAX/ ^{/1,2/}	\$609.65	\$865.00	\$6.75
(2) Facilities Administration and Control common equipment, each /FA2/ ^{/3/}	152.95	175.00	6.75
(3) Traffic Data to Customer (Pollable)			
- Common equipment /PTA/ ^{/4/}	145.80	184.50	6.75
- Per queue equipped /PTU/	1.95	43.25	6.75
- Per facility group equipped /PTY/	5.00	43.25	6.75
(4) 212A DATAPHONE Data Set, each ^{/6/} /D2C/	35.35	45.25	6.75

/1/ Service Establishment Charge of \$461.00 applies.

/2/ One central office common equipment is required in connection with the furnishing of either or both Facilities Administration and Control, and Traffic Data to Customer, above.

/3/ Service Establishment Charge of \$3,150.00 applies.

/4/ Service Establishment Charge of \$8,900.00 applies.

/5/ The customer is responsible for obtaining the premises equipment required.

/6/ In addition, a business access line is required as specified in Part 4, Section 2.

/7/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/6/}

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Deluxe Queuing			
(1) Common equipment per No. 1 ESS /QDC ^{/1/}	\$71.90	\$284.50	\$6.75
(2) Queue, per facility group equipped /QDF/	.63	73.00	6.75
(3) Queue Slots			
Off-hook queue slot with:			
- Recorded announcement, each /QDA ^{/2/}	21.25	---	6.75
- Music, each /QDM ^{/3/}	18.70	---	6.75
Ring-back queue slots, each /QDR/	10.90	---	6.75
(4) Recorded announcement Common equipment, each /QDE/	81.10	38.75	6.75
(5) Music-on-Queue ^{/4,5/} Common equipment, each /OTD/ Connecting channel between serving central office common equipment and the music source on the customer's premises	90.95	38.75	6.75
		Apply rates and charges specified for appropriate private line voice grade channel	
(6) Changes			
Change from RBQ to OHQ or vice versa, per queue /RCHQ1/	---	31.75	6.75
Change in the quantity of queue slots, per queue /RCHQ2/	---	31.75	6.75
Change in queue threshold time limit per queue /RCHQ3/	---	31.75	6.75
Change in recorded announcement, per queue /RCHQ4/	---	31.75	6.75
Change in post-queue routing from subsequent routes to tone or vice versa, per queue /RCHQ5/	---	31.75	6.75

/1/ Service Establishment Charge of \$2,000.00 applies.

/2/ In addition, recorded announcement common equipment shown applies.

/3/ In addition, Music-on-Queue is required as specified in paragraph (5), above.

/4/ Off-hook queuing only.

/5/ The music for this option must be provided by the customer.

/6/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/4/}

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Electronic Tandem Switching			
Tie line termination, each /ETX/ ^{/1/}	\$42.90	\$73.50	\$6.75
Facilities Restriction Levels^{/2/}			
(1) Centrex station or incoming or two-way tie line termination, each /FRK00 thru FRK07/	.05	4.50	6.75
(2) Authorization Codes			
Common equipment /AUA/ ^{/3/}	169.90	715.00	6.75
Authorization Codes, per 100 codes or fraction thereof /AUS/	1.65	21.25	6.75
Per facility terminated in ARS-D or UN/AAR pattern(s), each /AUF/	2.65	---	6.75
(3) Changes			
Changes in FRL per station incoming or two-way tie line termination, each /FRK00 thru FRK07/	---	4.50	6.75
Change in a single Authorization Code and/or associated FRL where Company service order activity is required, each /RCHFA/ ^{/2/}	---	1.50	6.75

/1/ An ETS-type line termination is required in association with the ETS feature of Automatic Route Selection - Deluxe and/or Uniform Numbering/Automatic Alternate Routing.

/2/ Furnished only in connection with Automatic Route Selection - Deluxe.

/3/ Service Establishment Charge of \$6,500.00 applies.

/4/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/3/}

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Station Message Detail Recording to Premises			
Central office equipment			
(1) Common equipment, each /MDR/ ^{/1/}	\$709.90	\$327.50	\$6.75
(2) Per facility terminated in ARS-D or UN/AAR patterns when the system is equipped for originating records, each /MDX/ ^{/2/}	5.35	5.00	6.75
(3) Per tie line facility equipped for terminating records, each /MDT/	.50	5.00	6.75
(4) 201C DataPhone Data Set, each /24V++/	54.65	95.25	6.75
Additions and Changes			
(1) SMDR-P records - change from recording completed calls only to calls attempted or vice versa, per system /RCHMC/	---	19.00	6.75
(2) Change in status of all station lines in No. 1 ESS customer group or individual facility from "records-not-required" to "records-required" /RCHMF/	---	2.50	6.75

/1/ Service Establishment Charge of \$3,850.00 applies.

/2/ Applies to each facility terminated in ARS-D or UN/AAR patterns whether or not an originating record is provided to the customer.

/3/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/5/}

Electronic Tandem Switching (cont'd)

3. Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Uniform Numbering/Automatic Alternate Routing			
Common equipment /UNR/ ^{/1/}	\$414.60	\$1,500.00	\$6.75
Route selection patterns			
Per UN/AAR pattern /UNP/	3.15	26.25	6.75
Per tie line terminated in UN/AAR and/or ARS-D pattern(s) /UNF/ ^{/2/}	2.45	---	6.75
Per facility for Automatic Overflow to DDD /UNO/ ^{/3/}	45.40	6.75	6.75
Additions and Changes			
Additions, deletions or changes of routes or associated FRL's in existing patterns, per pattern /RCHUP/	---	26.25	6.75
Additions of patterns, per pattern	Apply same rate and charge as specified in 'Route Selection patterns, Per UN/AAR pattern', preceding		
Addition or deletion of a facility to an existing route ^{/4/}	---	---	---
Additions or changes in "on-network" location code routing, per code /RCHUC/	---	32.00	6.75
Flexible Incoming Call Restriction^{/7/}			
Per one or group of station lines activated by the same arrangement /FRG/ ^{/6/}	2.75	.25	6.75
Per station /FRA/	.05	---	6.75

/1/ Service Establishment Charge of \$7,050.00 applies.

/2/ In addition, an ETS-type line termination is required.

/3/ In addition, a PBX flat rate trunk is required at rates and charges specified in the Part 4 of this Guidebook.

/4/ All rates and charges for UN/AAR are in addition to the rates and charges for the associated facilities and facility terminations.

/5/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

/6/ Also apply Private Line Service rates in Part 15, Section 2 for the signal channel associated with each key.

/7/ Not applicable to those customers served by a No. 2 Electronic Switching System.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/17/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Outgoing Trunk Queuing – WATS Phase 1 ^{/1,2/}			
Common equipment, each /OTQ/	\$54.65	\$240.00	\$6.75
Queue, each /OTT/ ^{/3,4/}	3.35	45.00	6.75
Queue Slot, each /OTU/	49.30	20.00	6.75

Optional Features

Attendant Key Control ^{/18/}			
Common Equipment ^{/16/}			
- Inhibit Inflow, each /OTA/	2.65	---	6.75
- Inhibit Outflow, each /OTB/	2.65	1.25	6.75
Control Channel, each		Apply charges as specified in Part 15, Section 2	

	<u>Nonrecurring Charges</u>	<u>Service and Equipment Charge</u>
Changes and Rearrangements		
Common Equipment ^{/5/}	\$90.00	\$6.75
Quantity of Queue Slots, each	90.00	6.75
Queue Threshold Time Limit	90.00	6.75
Inhibit Inflow, each	90.00	6.75
Inhibit Outflow, each	90.00	6.75
Silent on Queue	55.00	6.75
Change in Overflow Arrangement /NRCOF/	90.00	6.75
Priority, per station /NRCOP/	4.00	6.75

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Paging Access Arrangement /55N/ ^{/6,15/}	\$28.80	---	---
Preferential Hunt , per list /EH8/ ^{/7,14/}	1.35 ^{/8/}	\$4.00 ^{/8,9/}	\$6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/17/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Remote Access Capability			
Common equipment per Remote Access path /RAUICX/	\$40.85	\$4.00	\$6.75
Changes			<u>Nonrecurring Charge</u>
To change or delete security access code, per Remote Access path			\$4.00
	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Remote Test Verification system ^{/20,22/}			
Per system /SXX/	\$100.00	\$900.00	\$6.75
Per station arranged to test /SXT/	---	4.00 ^{/23/}	6.75
Selected Customer Control of Facilities ^{/14/}			
Common equipment, per system /SFY/ ^{/12/}	2.45	51.00	6.75
Access denial, per facility group denied /SFF/ ^{/19/}	5.85	16.75	6.75
Simplified Message Desk Interface ^{/20,21/}			
Per system /AML/	101.00	373.50	6.75
Per station arranged to access the message desk /ANZ/	---	4.00 ^{/23/}	6.75
Speed Calling – 6 codes			
Per speed calling arrangement /EST/ /ESTC6/	.30	50.00 ^{/10/}	6.75
Speed Calling – 30 codes ^{/11/}			
Per speed calling arrangement /ESF/ /ESFC3/	1.20	50.00 ^{/10/}	6.75
Speed Calling access			
Per station line /E3G/ ^{/12/}	.25	---	6.75
Split Service Offering ^{/13,14/}			
Per additional common block, each /EBS/	8.80	120.00	6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Footnotes:

- /1/ Applicable where facilities permit.
- /2/ This feature can only be provided to serve customer stations (excluding the attendant) that are co-located in the same ESS Centrex as the WATS-simulated facilities.
- /3/ Priority Queuing is available with initial Complex Installation/Move Charge at no additional charge.
- /4/ Customer may specify the length of time a call is held in queue (threshold time limit) before overflowing to the MTS Network or to overflow tone.
- /5/ Applicable only when adding or removing WATS bands in queue.
- /6/ Regulations covering the provisions of this service are applicable as Part 2, Section 9 and Part 20, Section 2 of this Guidebook.
- /7/ A Preferential Hunt list may have a maximum of 18 terminals included.
- /8/ These rates are additive to Circle Hunt rates if the customer requires both.
- /9/ The Complex Installation/Move Charge applies when initially equipping a Multiline Hunt group with at least one Preferential Hunt list. This charge also applies each time a Multiline Hunt group has at least one Preferential Hunt list addition, deletion or change.
- /10/ Apply the appropriate Complex Installation/Move Charge per arrangement when changing or rearranging the Speed Calling arrangement.
- /11/ The maximum number of 30-code arrangements is 100 per customer in No. 1 Electronic Switching Systems and 64 in No. 2 Electronic Switching Systems per customer.
- /12/ Each station equipped may have access to only one 30-code arrangement and only one six-code arrangement.
- /13/ The first common block of a Centrex System and one additional common block required for Centrex Dormitory Service are not considered an optional feature and do not require these additional charges for Split Service Offering.
- /14/ Not applicable to those customers served by No. 2 Electronic Switching System.
- /15/ Obsolete-applicable to existing installations at existing locations for existing customers.
- /16/ The Inhibit Inflow/Outflow optional features require separate control channel(s) between the central office and the customer premises, one per queue.
- /17/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.
- /18/ The Inhibit/Inflow/Outflow optional features require separate control channels between the central office and the control key at the customer's premises, one per queue.
- /19/ In addition, apply rates and charges for a signal grade channel between the serving central office and the customer's premises.
- /20/ Where available in #1A ESS central offices only.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Footnotes: (cont'd)

- /21/ Message Desk stations must be in the same Centrex group as the stations accessing the Message Desk. This feature also allows a Message Desk attendant to activate/deactivate an audible message waiting indication (stutter dial tone) for the Message Desk's client stations. Message Desk client stations must have at least one of the following: call forwarding-variable, call forwarding-busy line, call forwarding-answer, or night service-make busy arrangement, in order to forward calls to the Message Desk center. The rates and charges for these features apply in addition to the Simplified Message Desk Interface rates and charges. A 420-type data channel is also required for this service. Apply the appropriate rates and charges as specified in Part 15, Section 2. Customer-provided, modem, answering equipment, and Message Desk controller conforming to the technical specifications of the Company are also required. A Service Establishment Charge of \$680.00 applies (USOC: /SESVM/).
- (22) A Service Establishment Charge of \$1300.00 applies (USOC: /SESCL/).
- (23) A maximum of \$4.00 applies per station line when installing any 3 or fraction thereof noted optional features with the initial installation of the station line or on subsequent additions of these features to an existing station line.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Remote Access Capability

Definitions of terms used in this offering:

Incoming Facility

The means by which the remote caller gains access to Centrex Services. This incoming facility may be a Centrex station or other exchange access line (e.g., 800 Service).

Outgoing Facility

This will always be a Centrex station line. The line class of service assigned to this station will determine what Centrex features/services can be accessed by the remote caller.

Remote Access Path

The combination of one incoming facility and one outgoing facility constitutes a remote access path.

1. Description

Remote Access is an arrangement that will permit a remote caller access to the features and/or service facilities of a C.O. Centrex. Access is gained by dialing the number associated with the incoming facility. Optionally, the remote caller may be required to input a customer-specified security code. This code must be transmitted in the form of a TOUCH-TONE Signal.

The quality of transmission is not assured when this service is provided. If the customer requests additional equipment to improve the quality of transmission, and it is feasible, additional charges are applicable based upon costs.

Liability for charges incurred as a result of the use of this service is as provided for in this and other applicable Guidebooks of the Company.

2. Features

Standard features of this service include:

Remote Flash

Permits the calling party to generate a switchhook flash thereby allowing the user to activate Centrex system features.

Remote Retrial

Permits the calling party to originate additional calls through the system without disconnecting and redialing the associated incoming facility and authorization code.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)

Remote Access Capability (cont'd)

2. Features (cont'd)

In addition to the standard features shown above, the following feature is provided on an optional basis:

Security Code

Permits the customer to require that the remote caller input a three-digit code before gaining access to the Centrex. This number is specified by the customer and administered by the Company.

3. Rules and Regulations:

All security code assignments will be specified by the customer. The customer is responsible for notifying the Company of any required security code change or rearrangement. Charges for such charge or rearrangement are as specified in Paragraph I, preceding.

In addition to charges for Remote Access Capability, appropriate rates and charges for the incoming and outgoing facilities also apply.

Routed Numbers

This feature routes calls to a Centrex C.O. System telephone number to an answering point at the customer location. Routed Numbers include the Centrex C.O. telephone number and the routing facility. Calls must be routed within the customer's common block. Customers may request Routed Numbers in quantities that do not exceed either 1) the customer's current in service Centrex C.O. station capacity or 2) the customer's Centrex C.O. station capacity that is in service 6 months following installation of a new Centrex C.O. system. Customers must convert 50% of their Routed Numbers to Centrex C.O. stations within 36 months of when they were first established as Routed Numbers. Customers must convert 80% of their Routed Numbers to Centrex C.O. stations within 60 months of when they were first established as Routed Numbers. Customers who do not meet these percentages will have the Routed Numbers, that exceed the percentages listed previously, disconnected and made available for other customer's use. Centrex C.O. station numbers can only be assigned as Routed Numbers once and can not be reinstated as Routed Numbers following disconnection.

Rates and Charges

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Installation Charge</u>	<u>Service Charge</u>
Per telephone number routed	R1SCX	\$0.25	---	---
Route Index Established Charge, per route	SEPR1	---	\$150.00	\$5.05 ^{/1/}

/1/ Not applicable if the feature is installed at the same time as the Centrex C.O. system.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/7/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Screening Arrangement I ^{/3/}			
Per group of stations with same screening arrangement /SCW/ ^{/6/}	\$65.05	---	\$6.75
- Per NPA in which central office code (six-digit) screening is provided, each /SCY/ ^{/4/}	3.30	---	6.75
Screening Arrangement II ^{/5/}			
Per group of stations with same screening arrangement /SCZ/	65.05	---	6.75
- Per NPA in which central office code (six-digit) screening is provided, each /SC1/ ^{/4/}	3.30	---	
		<u>Nonrecurring Charges</u>	<u>Service and Equipment Charge</u>
Additions and Rearrangements			
Additions or deletions to Numbering Plan Area or central office code group, each		\$293.00	\$6.75
Station number rearrangement from one screening arrangement to a different screening arrangement, per station or group of stations changed at the same time			
- without station number change		273.00	6.75
- with station number change		273.00	6.75
	<u>Monthly Rate</u>	<u>Installation/ Move Charge</u>	<u>Equipment Charge</u>
Station Dial Code Screening ^{/1,2/}			
Per station equipped, each /SCR/	\$.15	---	\$6.75

- /1/ Where more than one screening arrangement is provided, the Centrex C.O. optional feature split service offering is required for each additional screening arrangement.
- /2/ Call attempts to Numbering Plan Areas or central office codes which are restricted will be routed to a recorded announcement.
- /3/ Screening Arrangement I permits or denies completion of station-originated calls over the Message Telecommunications Network on the basis of Numbering Plan Area or central office code.
- /4/ Applicable in addition to NPA code screening, per NPA arranged for central office code screening.
- /5/ Screening Arrangement II permits or denies completion of station-originated calls over private network facilities arranged for uniform numbering and senderized operation on the basis of Numbering Plan Area or central office code.
- /6/ Applicable for three-digit screening in Home Numbering Plan Area.
- /7/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.

OBSOLETE CENTREX SERVICE (cont'd)

I. Optional Features (cont'd)

Centrex Optional Features (cont'd)^{/17/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Station Message Detail Recording^{/1/}			
Common Equipment, per Centrex primary or Centrex secondary location /CMM/ ^{/18/}	\$224.60	---	\$6.75
Facility group, each /CMW/ ^{/2/}	---	---	6.75
Station Message Detail Recording, per message	.02	---	---
Line Equipment, per Tie Line /CMT/ ^{/14/}	5.05	---	6.75
per Foreign Exchange Line /CMQ/ ^{/14/}	5.05	---	6.75

Additional regulations pertaining to the Station Message Detail Recording feature are as follows:

- Available where the Company has the message billing process arranged to provide the feature. Where tie lines, Other Common Carrier access lines or Foreign Exchange facilities are involved, all such call attempts, whether completed or not, will appear in the SMDR.
- Station Message Detail Recording feature is not represented to be a provision of billing detail.
- Station message detail will be provided on magnetic tape. The number of tapes, tape density and number of tracks will be that used by the program and data processing system used by the accounting center furnishing the tape.
- Station message details will be provided on all facilities subscribed for by the customer, including Long Distance Message Telecommunications Service, but will not include intercom calls originated from Centrex Service. The customer may choose the services on which he would like Station Message Detail Recording, but he must take all facilities of the service group. For instance, he must take Station Message Detail Recording on all WATS lines, no matter what type or band, if he requires Station Message Detail Recording on one WATS line. Station Message Detail Recording applies for every call placed over a designated facility type and should not be provided for anything less, either by percent sample or particular lines.
- Service establishment and billing will not necessarily be associated with the Centrex billing period.

See following sheet(s) for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**Centrex Optional Features (cont'd)^{/17/}

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Station Toll Diversion Per equipped station line or Tie Line /ETA/ ^{/15/}	\$.85	\$4.00 ^{/4,15/}	\$6.75
Station Toll Restriction Per equipped station line or Tie Line /ETB/ ^{/5/}	.95	4.00 ^{/4,15/}	6.75
Touch-Tone Calling Per main station line equipped /TDN/ ^{/3/}	.15	---	7.75 ^{/16/}
Uniform Call Distribution ^{/6,15/} Per equipped main station line /EH7/	.25	---	6.75
Optional Features:			
Make-Busy Arrangement ^{/7/} Per Group /A9A/ Per Station /A6G/	2.60 2.60	.25 .25	6.75 6.75
Queuing ^{/8/} Common Equipment /A8A/ Station Line arranged for queuing, each /A82/ Queue Slot, each /A83RA/	.95 2.65 .30	.50 --- ---	6.75 6.75 6.75
Line Additive for Incoming Call Queuing Restricted Station Access, each /A6Z/ ^{/12/} Restricted Exchange Access, each /A6W/ ^{/13/} Restricted Intercom Access, each /A6Y/ ^{/13/}	40.80 22.20 13.20	--- --- ---	6.75 6.75 6.75
Calls Waiting Indication ^{/9,10/} Unique Timing State, each /A66CE/	4.80	.25	6.75
Delay Announcement Per Announcement /A8GCE/ ^{/11/} Per Announcement Trunk /A8GAT/ Per Station /A8GST/	81.10 11.05 2.25	.25 .50 ---	6.75 6.75 6.75

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**I. Optional Features (cont'd)**

Centrex Optional Features (cont'd)

Footnotes:

- /1/ Service provision and billing will be coincident with the billing period(s) of the private facilities involved.
- /2/ One or several facilities which are of the same type (WATS Band 1, CCSA), serve the same terminal points or areas and have an individual access from the Centrex stations.
- /3/ Not applicable to Centrex III stations.
- /4/ Applies per order for initial installation or changes of equipped stations or tie lines.
- /5/ No other announcement than standard Centrex announcement may be provided with this rate.
- /6/ Stations in a uniform call distribution group can receive individual calls only when individual station numbers have been assigned. Calls directed to an individual station number will not have access to any of the terminating hunt group features.
- /7/ In addition, apply rates and charges for 101-type channels, as required.
- /8/ Make-Busy Arrangement option may also be provided with queuing.
- /9/ In addition, apply rates and charges for 101-type channels as required.
- /10/ Customer to supply power source for lighting the lamp.
- /11/ Limited to one announcement.
- /12/ Applicable to each fully restricted station arranged for queuing.
- /13/ Applicable to each Centrex station, except fully restricted station, arranged for queuing.
- /14/ Service Establishment Charge of \$260.00 is applicable only at the time the switching equipment is arranged to provide Station Message Detail Recording on either the initial tie line, Other Common Carrier access line or Foreign Exchange Line Facilities for each customer and is applicable to each switching equipment so arranged. This monthly rate is applicable to other Common Carrier Access Lines. USOC: /CMZ/.
- /15/ A maximum of \$4.00 applies per station line when installing any three or fraction thereof noted optional features with the initial installation of the station line or on subsequent additions of these features to an existing station line.
- /16/ Only applies when changing to or from Touch-Tone on existing Centrex Station lines.
- /17/ The Service and Equipment Charges for optional features apply only to changes or additions to existing systems.
- /18/ Not applicable to secondary locations served by the same central office as the primary.

OBSOLETE CENTREX SERVICE (cont'd)

J. Centrex Attendant Positions

Rates

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
Attendant Access Line associated with Attendant Telephone , each /EAK/	\$61.25	---	\$28.50
50A Console ^{/1,2/}			
Attendant Console, 121 Type, without Direct Station Selection, each /CXK/	126.20	\$1,100.00	6.25
Attendant Console, 131 Type, with Direct Station Selection for 100 stations, each /CXD/	204.85	1,250.00	6.25
Attendant Console, 151 Type, with Direct Station Selection for 200 stations, each /CYX/	219.50	1,450.00	6.25
Attendant Access Line ^{/3/}			
Customer Premises Equipment, each /EAU/	10.60	11.00	6.25
Central Office Equipment, each /EAR/	65.30	---	28.50
Station Line Busy Indication, each 25 main stations or fraction thereof /CX6/ ^{/4/}	21.65	121.50	6.25
Trunk Group Busy Arrangement ^{/5/}			
Customer Premises Equipment, per trunk group, each /EAW/	2.15	25.25	6.25
Central Office Equipment, per trunk group, each /EAX/	8.25	---	5.50
Position Busy Feature, per console, each /CXJ/ ^{/5,6/}	3.70	---	6.25
		<u>Nonrecurring Charge</u>	<u>Service and Equipment Charge</u>
Change in Faceplate /FPC++/		\$141.50	\$6.25

- (1) Offering subject to the availability of equipment.
- (2) Customer supplied 110 Volt AC power supply required.
- (3) Maximum of 14 attendant access lines can be terminated on such console.
- (4) When main station line busy indication is provided to off-premises station lines, apply a charge for a Series 101 Channel as specified in Part 15, Section 2.
- (5) In addition, apply a charge for a Series 101 Channel as specified in Part 15, Section 2, per trunk group busy.
- (6) Position Busy is not applicable to single console systems.

OBSOLETE CENTREX SERVICE (cont'd)

J. Centrex Attendant Positions (cont'd)

Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
51A Console ^{/1,2/}			
Primary Common Equipment			
Customer Premises, each /ED5/ ^{2,3/}	\$380.60	\$8,500.00	\$6.25
Central Office, each /EDK/	122.25	---	5.50
Additional Common Equipment /ED6/ ^{4/}	73.55	305.50	6.25
Attendant Console, 27A Type ^{5,10/}			
Customer Premises Equipment, each /ED7/	116.65	342.00	6.25
Central Office Equipment, each /EDD/	31.60	---	5.50
Attendant Console, 47A Type ^{6,10/}			
Customer Premises Equipment, each /ED4/	124.70	458.00	6.25
Central Office Equipment, each /EED/	34.20	---	5.50
Attendant Access Line, each /EDA/ ^{7/}	21.45	---	28.50
Lamp Multiple Unit, each /EDG/ ^{8,9/}	28.90	278.00	6.25
Attendant Trunk Termination			
Customer Premises Equipment, each /EAV/	10.65	278.00	6.25
Central Office Equipment, each /EDF/	40.70	---	5.50
Position Busy Feature, per console, each /CXJ/ ^{11/}	3.70	---	6.25
Trunk Group Busy Arrangement			
Customer Premises Equipment, each /EDJ/ ^{12/}	26.40	281.50	6.25
Central Office Equipment, per Trunk Group, each /EAX/ ^{13/}	8.25	---	5.50
		<u>Nonrecurring Charge</u>	<u>Service and Equipment Charge</u>
Change in Faceplate /FPC++/		\$141.50	\$6.25

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)**J. Centrex Attendant Positions (cont'd)**

Footnotes:

- /1/ Customer supplied 110 Volt AC power supply required.
- /2/ Maximum capacity for the first primary common equipment is dependent upon the type of console. With the 27A-type console, the primary common equipment accommodates a maximum of four consoles when a single primary common equipment is required for the same system. With the 47A-type console, the primary common equipment accommodates a maximum of three consoles. Additional primary common equipment accommodates four consoles, regardless of type.
- /3/ Also apply rates and charges for a Type 323 private line per primary common equipment as specified in Part 15, Section 2.
- /4/ Required for the second and third 47A-type consoles associated with the first primary common equipment and for the third and fourth 47A-type console associated with subsequent primary common equipment. Also required for the third and fourth 27A-type console associated with single or subsequent primary common equipment. See Footnote 9.
- /5/ Includes lamp field of six Incoming Call Identification and 12 Trunk Group Busy keys.
- /6/ Includes lamp field of 24 Incoming Call Identification and 60 Trunk Group Busy keys.
- /7/ Maximum of six attendant access lines can be terminated on each console.
- /8/ Applicable when more than one primary common equipment is required.
- /9/ When lamp multiple unit is provided, the first primary common equipment capacity is reduced to three consoles, and the additional common equipment is applicable for the second and third console.
- /10/ Also apply rates and charges for a Type 311 private line as specified in Part 15, Section 2, per console.
- /11/ Position Busy is not applicable to single console systems.
- /12/ One unit per system required for 47A-type consoles. Not applicable with 27A-type consoles.
- /13/ Applicable to systems equipped with 27A-type or 47A-type consoles.

OBSOLETE CENTREX SERVICE (cont'd)

J. Centrex Attendant Positions (cont'd)

Rates (cont'd)

	<u>Monthly Rate</u>	<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
50B Console ^{/1,2/}			
Electronic Attendant Console, each /ECB++/ ^{/3/}	\$356.45	\$610.00	\$6.25
Electronic Attendant Console, with Direct Station Selection and Busy Lamp Field, each /ECG++/ ^{/3,4,5/}	429.30	610.00	6.25
Multibutton Electronic Telephone Attendant Console, each /ECH++/ ^{/3/}	215.55	540.00	6.25
Console Line Circuit Pack, termination of four additional attendant access lines (maximum of two per console), each /ECP/	14.90	23.25	6.25
Direct Station Selection, Busy Lamp Field Scanner Unit ^{/6/}	94.45	145.50	6.25
First 50 stations /ECU/	12.05	51.75	6.25
Each additional 25 stations or fraction thereof /ECL/			
Optional Equipment Cabinet for Control and Scanner Units, each /ECJ/	43.00	50.25	6.25
Attendant Access Line, each /EAR/ ^{/7/}	65.30	---	28.50
Trunk Group Busy Arrangement ^{/8/}			
Per trunk group, each			
Customer Premises Equipment /EAW/	2.15	25.25	6.25
Central Office Equipment /EAX/	8.25	---	5.50
Position Busy Feature, per console, each /CXJ/ ^{/9/}	3.70	---	6.25
		<u>Nonrecurring Charge</u>	<u>Service and Equipment Charge</u>
Additions and Changes			
Equipment Addition Charge, per occasion ^{/10/}		\$830.00	\$6.25
Faceplate or Trim Panel Change /FPC++/		141.50	6.25

See following sheet for footnotes

OBSOLETE CENTREX SERVICE (cont'd)

J. Centrex Attendant Positions (cont'd)

Footnotes

- /1/ Service Establishment Charge of \$1,750.00 applies.
- /2/ Customer supplied 110 Volt AC power supply required.
- /3/ Includes control unit equipped for eight attendant access lines.
- /4/ Provides Direct Station Selection and Busy Lamp Field for up to 1800 station lines.
- /5/ Busy Lamp Field applicable only with stations located on the same premises as the console.
- /6/ Each Scanner Unit accommodates a maximum of 300 busy lamps, and one console has maximum capacity of six Scanner Units.
- /7/ Maximum of 16 attendant access lines can be terminated on each console.
- /8/ In addition, apply a charge for a Series 101 Channel as specified in Part 15, Section 2, per trunk group busy.
- /9/ In addition, apply a charge for a Series 101 Channel as specified in Part 15, Section 2, per console.
- /10/ Applicable when adding Consoles, Console Line Circuit Packs, Scanner Units or Scanner Line Circuit Packs to an existing system. This equipment addition charge applies in addition to the Complex Installation/Move Charge for the equipment.