BEFORE THE TENNESSEE REGULATORY AUTHORITY

Nashville, Tennessee

IN RE: GENERIC DOCKET TO CONSIDER TECHNOLOGY ADVANCES	)))	**Docket No. 02-00434**

CONSOLIDATED CLEC COMMENTS

The Association of Communications Enterprises; AT&T Communications of the South Central States, LLC and TCG Midsouth, Inc.; Cinergy Communications Company; DIECA Communications, Inc. d/b/a Covad Communications Company; ITC^DeltaCom Communications, Inc.; MCI WorldCom Communications, Inc., MCImetro Access Transmission Services, LLC, Brooks Fiber Communications of Tennessee, Inc; Network Telephone Corporation; and NewSouth Communications Corp., Birch Telecom, Inc. (collectively, the "Intervenors") hereby file the following comments concerning the unbundled network element ("UNE") rates requiring reevaluation due to advances in technology.

BACKGROUND

This proceeding has its origins in docket 97-01262 (the "Permanent Prices" docket) in which the Tennessee Regulatory Authority ("TRA") set cost-based rates for unbundled network elements using an adjusted cost model developed by BellSouth Telecommunications, Inc. ("BellSouth"). In that proceeding, the Authority held that BellSouth's study should reflect "the least cost and most efficient technology" available.

Second Interim Order, at 10. The Authority also noted that BellSouth had developed a new cost model, the "BellSouth Telecommunications Loop Model" ("BSTLM") which had been filed in other states but not in Tennessee. According to BellSouth, the newer model reflected more up-to-date, and presumably more efficient, technologies. *Id.*, at 10-11. The Authority also recognized, however, that "the process of incorporating technology advances may be cumbersome" and could delay a final determination of UNE rates. Final Order, at 11. Therefore, rather than ordering BellSouth to file the new BSTLM study in Tennessee, the Authority decided to convene a "new generic docket" at a later time to evaluate the impact of new technologies on UNE rates. *Id.*

In other words, the first step of this proceeding should be to require BellSouth to file in Tennessee its BSTLM study as well as any cost studies BellSouth has recently filed in other state proceedings. BellSouth should be required to adjust those studies to be consistent with the adjustments ordered in Docket 97-01262. Since "over time, telecommunications network expenses should decrease" (*id.*, at 10), the new, adjusted studies should produce lower rates for all UNEs. For that reason, attached to this filing is a list which, the Intervenors believe, includes all current UNEs. However, as the TRA orders new UNEs or new combinations of UNEs,[1] the Intervenors will ask the Authority to incorporate those into this docket.

TECHNOLOGICAL ADVANCES

[1] In docket 00-00544, for example, the Authority recently ordered BellSouth to install dual purpose line cards in BellSouth's remote terminals for use by competing carriers. Therefore, in this docket BellSouth should be directed to file a cost-based rate for the use of that element as well as a rate for a combination of that element with a loop, port, and transport.

Since the time of the prior UNE cost case, the facilities used to provision UNEs have changed, the methods used to provision UNEs have changed, the methods used to determine the costs of providing UNEs have been refined, the forward-looking network and processes have changed, and the industry has improved the process of determining forward-looking costs. All of these changes are a result of advances in technology whether direct (*i.e.* changes in the technology used to provision UNEs) or indirect (*i.e.* improved ability to model a forward-looking network) and, taken together, these changes indicate that the time has come to reconsider in their entirety the recurring and nonrecurring rates for UNE loops and switching for BellSouth in Tennessee.

I. Technology-Driven Changes in the Cost of Network Facilities

A number of significant changes have occurred in the cost of network facilities. For example, transport costs have declined dramatically. The deployment of fiber optic facilities and ATM switching has led this decline. BellSouth's network today already includes ATM switching which was not considered in the development of the current UNE rates in Tennessee.

Another example is the increased deployment of Digital Loop Carrier ("DLC") facilities. DLC is used to consolidate traffic in the loop portion of the network in order to better utilize existing structures (*i.e.* poles, conduit and trenching), and to improve economies of scale. Furthermore, the cost of DLC equipment has declined steeply in the last seven years. Keeping pace with this rapid cost decline, the capabilities of DLC facilities have increased dramatically over the same period.

The impact of these changes can be seen, for example, in the deployment of Next Generation Digital Loop Carrier technology. Through the use of "dual purpose" line cards, NGDLC equipment can now provide ADSL and POTS service over the same facility. This eliminates the need for the separate copper "home run" loops for ADSL and permits the DSL network and the POTS network to be merged. Quite clearly, there are significant economies of scale and scope in provisioning, maintaining and engineering this combined Broadband/POTS network. Given that (1) the absolute cost of the equipment has declined, (2) the per-unit cost to provision, maintain and engineer the network has declined, and (3) the capabilities of the network have increased, it would appear that over the last several years there has been a spectacular reduction in the per-unit, forward looking cost of a loop. Accordingly, the time has come for Tennessee to fully re-evaluate the UNE rates that CLECs—and, ultimately, Tennessee customers—must pay.

II. Technology-Driven Changes in the Cost of Switching

Over the last seven years, there has also been a significant decline in the overall per unit cost of switching. ILECs are augmenting their circuit switched networks with packet switched networks in order to reduce switching costs and further the engineering goal of provisioning broadband and narrowband services over common facilities. As technology continues to evolve, switching costs continue to decline. Accordingly, the Authority should also re-evaluate switching rates so that Tennessee customers may have the opportunity to gain the cost benefits that should be accruing to them based on a switching technology that is not some pipe-dream, but, in fact, is already being deployed in Tennessee.

III. Technology-Driven Changes in the Network Modeling

Finally, in cost cases across the region and the country, there has been a meeting of the minds on the appropriate tools that should be used to calculate forward-looking UNE loop costs. The fact that some agreement has developed as to the appropriate modeling techniques to use for BellSouth's network is quite clear when the recent history of cost models in the BellSouth region is examined.

In the previous Tennessee UNE case, WorldCom and AT&T presented a scorched node UNE loop model called the HAI model whereas BellSouth presented a statistical sample method to develop UNE loop rates through its TELRIC calculator cost model. By contrast, in recent UNE cost proceedings in Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi and South Carolina, BellSouth has now adopted its own version of a scorched node cost model to develop its proposed UNE loop rates. BellSouth calls this scorched node cost model the "BSTLM."

BellSouth's BSTLM includes several advances over earlier cost models. For instance, the BSTLM provides a state regulator with the ability to "cost" the forecasted demand of all types of loops at the same time, thereby providing the ability to fully model economies of scale and scope. Further, by using road data, BSTLM more accurately distributes that demand to the "geo-coded" locations where end users are located.[2] Taking these advances into consideration, it becomes clear that when BellSouth's BSTLM is used with appropriate, forward-looking inputs, it creates the potential to more

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[2] Geo-coding is a method used in cost modeling to assign numerical longitude and latitude coordinates to customer locations.

accurately determine on a geographically de-averaged level, the forward-looking cost of loops. Thus, not only has technology driven down loop and switching costs to an extent that is not accounted for in Tennessee's current recurring and nonrecurring rates, but the years since the last cost case have also increased the ability of the parties to model the loop accurately. In considering the impact of all these technology advances, the time has arrived for Tennessee to reconsider all of its recurring and nonrecurring rates.

CONCLUSION

The technological advances in loop, switching, and cost modeling that have occurred since the 1997 cost case in Tennessee require that the recurring and nonrecurring rates for all UNEs listed in Attachment 1 for BellSouth in Tennessee be re-evaluated, and we respectfully submit that it would be appropriate for the Authority to order such a reevaluation in this docket.

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been forwarded via fax or hand delivery and U.S. mail to the following on this the 24th day of May, 2002.

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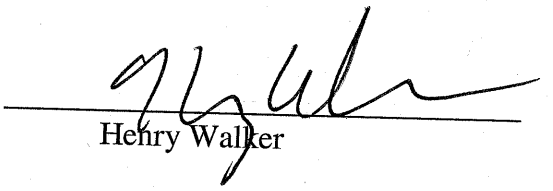

Henry Walker

ATTACHMENT

A.0	**UNBUNDLED LOCAL LOOP**
A.1	**2-WIRE ANALOG VOICE GRADE LOOP**
A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1
A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1 - Disconnect Only
A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2
A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2 - Disconnect Only
A.2	**SUB-LOOP**
A.2.1	Sub-Loop Feeder Per 2-Wire Analog Voice Grade Loop
A.2.1	Sub-Loop Feeder Per 2-Wire Analog Voice Grade Loop - Disconnect Only
A.2.2	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop
A.2.2	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Disconnect Only
A.2.11	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop
A.2.11	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Disconnect Only
A.2.13	Network Interface Device Cross Connect
A.2.14	2-Wire Intrabuilding Network Cable (INC)
A.2.14	2-Wire Intrabuilding Network Cable (INC) - Disconnect Only
A.2.15	4-Wire Intrabuilding Network Cable (INC)
A.2.15	4-Wire Intrabuilding Network Cable (INC) - Disconnect Only
A.2.17	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up
A.2.18	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up
A.2.19	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up
A.2.20	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up
A.2.21	Sub-Loop - Per Cross Box Location - CLEC Distribution Facility Set-Up
A.2.24	Sub-Loop - Per 4-Wire Analog Voice Grade Loop / Feeder Only
A.2.24	Sub-Loop - Per 4-Wire Analog Voice Grade Loop / Feeder Only - Disconnect Only
A.2.25	Sub-Loop - Per 2-Wire ISDN Digital Grade Loop / Feeder Only
A.2.25	Sub-Loop - Per 2-Wire ISDN Digital Grade Loop / Feeder Only - Disconnect Only
A.2.29	Sub-Loop - Per 4-Wire 56 or 64 Kbps Digital Grade Loop / Feeder Only
1A.2.29	Sub-Loop - Per 4-Wire 56 or 64 Kbps Digital Grade Loop / Feeder Only - Disconnect Only

A.2.30	Sub-Loop - Per 2-Wire Copper Loop Short / Feeder Only
A.2.30	Sub-Loop - Per 2-Wire Copper Loop Short / Feeder Only - Disconnect Only
A.2.32	Sub-Loop - Per 4-Wire Copper Loop Short / Feeder Only
A.2.32	Sub-Loop - Per 4-Wire Copper Loop Short / Feeder Only - Disconnect Only
A.2.40	Sub-Loop - Per 2-Wire Copper Loop Short / Distribution Only
A.2.40	Sub-Loop - Per 2-Wire Copper Loop Short / Distribution Only - Disconnect Only
A.2.42	Sub-Loop - Per 4-Wire Copper Loop Short / Distribution Only
A.2.42	Sub-Loop - Per 4-Wire Copper Loop Short / Distribution Only - Disconnect Only
A.2.44	Network Interface Device (NID) - 2 line
A.2.45	Network Interface Device (NID) - 6 line
A.3	**LOOP CHANNELIZATION AND CO INTERFACE (INSIDE CO)**
A.3.12	Unbundled Loop Concentration - System A (TR008)
A.3.13	Unbundled Loop Concentration - System B (TR008)
A.3.14	Unbundled Loop Concentration - System A (TR303)
A.3.15	Unbundled Loop Concentration - System B (TR303)
A.3.16	Unbundled Loop Concentration - DS1 Line Interface Card
A.3.16	Unbundled Loop Concentration - DS1 Line Interface Card - Disconnect Only
A.3.17	Unbundled Loop Concentration - POTS Card
A.3.17	Unbundled Loop Concentration - POTS Card - Disconnect Only
A.3.18	Unbundled Loop Concentration - ISDN (Brite Card)
A.3.18	Unbundled Loop Concentration - ISDN (Brite Card) - Disconnect Only
A.3.19	Unbundled Loop Concentration - SPOTS Card
A.3.19	Unbundled Loop Concentration - SPOTS Card - Disconnect Only
A.3.20	Unbundled Loop Concentration - Specials Card
A.3.20	Unbundled Loop Concentration - Specials Card - Disconnect Only
A.3.21	Unbundled Loop Concentration - TEST CIRCUIT Card
A.3.21	Unbundled Loop Concentration - TEST CIRCUIT Card - Disconnect Only
A.3.22	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data
A.3.22	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data - Disconnect Only
A.4	**4-WIRE ANALOG VOICE GRADE LOOP**
A.4.1	4-Wire Analog Voice Grade Loop
A.4.1	4-Wire Analog Voice Grade Loop - Disconnect Only
A.5	**2-WIRE ISDN DIGITAL GRADE LOOP**

A.5.1	2-Wire ISDN Digital Grade Loop
A.5.1	2-Wire ISDN Digital Grade Loop - Disconnect Only
A.5.6	Universal Digital Channel
A.5.6	Universal Digital Channel - Disconnect Only
A.6	**2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP**
A.6.1	2-Wire ADSL Compatible Loop (Non-recurring w/LMU)
A.6.1wLMU	2-Wire ADSL Digital Subscriber Line Compatible Loop (Non-recurring with LMU)
A.6.1wL	2-Wire ADSL Digital Subscriber Line Compatible Loop (Non-recurring with LMU) - Disc. Only
A.6.1woL	2-Wire ADSL Digital Subscriber Line Compatible Loop (Non-recurring without LMU)
A.6.1woL	2-Wire ADSL Digital Subscriber Line Compatible Loop (Non-recurring without LMU) - Disc. Only
A.7	**2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP**
A.7.1	2-Wire HDSL Compatible Loop
A.7.1wL	2-Wire HDSL Compatible Loop (Nonrecurring with LMU)
A.7.1wL	2-Wire HDSL Compatible Loop (Nonrecurring with LMU) - Disc. Only
A.7.1woL	2-Wire HDSL Compatible Loop (Nonrecurring without LMU)
A.7.1woL	2-Wire HDSL Compatible Loop (Nonrecurring without LMU) - Disc. Only
A.8	**4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP**
A.8.1	4-Wire HDSL Compatible Loop
A.8.1wL	4-Wire HDSL Compatible Loop (Nonrecurring with LMU)
A.8.1wL	4-Wire HDSL Compatible Loop (Nonrecurring with LMU) - Disc. Only
A.8.1woL	4-Wire HDSL Compatible Loop (Nonrecurring without LMU)
A.8.1woL	4-Wire HDSL Compatible Loop (Nonrecurring without LMU) - Disc. Only
A.9	**4-WIRE DS1 DIGITAL LOOP**
A.9.1	4-Wire DS1 Digital Loop
A.9.1	4-Wire DS1 Digital Loop - Disconnect Only
A.9.2	Sub-Loop Feeder Per 4-Wire DS1 Digital Loop
A.9.2	Sub-Loop Feeder Per 4-Wire DS1 Digital Loop - Disconnect Only
A.10	**4-WIRE 19, 56 OR 64 KBPS DIGITAL GRADE LOOP**
A.10.1	4-Wire 19, 56 or 64 Kbps Digital Grade Loop
A.10.1	4-Wire 19, 56 or 64 Kbps Digital Grade Loop - Disconnect Only
A.12	**CONCENTRATION PER SYSTEM PER FEATURE ACTIVATED (OUTSIDE CENTRAL OFFICE)**
A.12.1	Unbundled Loop Concentration - System A (TR008)
A.12.1	Unbundled Loop Concentration - System A (TR008) - Disconnect Only

A.12.2	Unbundled Loop Concentration - System B (TR008)
A.12.2	Unbundled Loop Concentration - System B (TR008) - Disconnect Only
A.12.3	Unbundled Loop Concentration - System A (TR303)
A.12.3	Unbundled Loop Concentration - System A (TR303) - Disconnect Only
A.12.4	Unbundled Loop Concentration - System B (TR303)
A.12.4	Unbundled Loop Concentration - System B (TR303) - Disconnect Only
A.12.5	Unbundled Sub-loop Concentration - USLC Feeder Interface
A.12.5	Unbundled Sub-loop Concentration - USLC Feeder Interface - Disconnect Only
A.12.6	Unbundled Loop Concentration - POTS Card
A.12.6	Unbundled Loop Concentration - POTS Card - Disconnect Only
A.12.7	Unbundled Loop Concentration - ISDN (Brite Card)
A.12.7	Unbundled Loop Concentration - ISDN (Brite Card) - Disconnect Only
A.12.8	Unbundled Loop Concentration - SPOTS Card
A.12.8	Unbundled Loop Concentration - SPOTS Card - Disconnect Only
A.12.9	Unbundled Loop Concentration - Specials Card
A.12.9	Unbundled Loop Concentration - Specials Card - Disconnect Only
A.12.10	Unbundled Loop Concentration - TEST CIRCUIT Card
A.12.10	Unbundled Loop Concentration - TEST CIRCUIT Card - Disconnect Only
A.12.11	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data
A.12.11	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data - Disconnect Only
A.13	**2-WIRE COPPER LOOP**
A.13.1	2-Wire Copper Loop - short
A.13.1wL	2-Wire Copper Loop - short (Nonrecurring with LMU)
A.13.1wL	2-Wire Copper Loop - short (Nonrecurring with LMU) - Disc. Only
A.13.1woL	2-Wire Copper Loop - short (Nonrecurring without LMU)
A.13.1woL	2-Wire Copper Loop - short (Nonrecurring without LMU) - Disc. Only
A.13.7	2-Wire Copper Loop - long
A.13.7wL	2-Wire Copper Loop - long (Nonrecurring with LMU)
A.13.7wL	2-Wire Copper Loop - long (Nonrecurring with LMU) - Disc. Only
A.13.7woL	2-Wire Copper Loop - long (Nonrecurring without LMU)
A.13.7woL	2-Wire Copper Loop - long (Nonrecurring without LMU) - Disc. Only
A.14	**4-WIRE COPPER LOOP**
A.14.1	4-Wire Copper Loop - short

A.14.1wL	4-Wire Copper Loop - short (Nonrecurring with LMU)
A.14.1wL	4-Wire Copper Loop - short (Nonrecurring with LMU) - Disc. Only
A.14.1woL	4-Wire Copper Loop - short (Nonrecurring without LMU)
A.14.1woL	4-Wire Copper Loop - short (Nonrecurring without LMU) - Disc. Only
A.14.7	4-Wire Copper Loop - long
A.14.7wL	4-Wire Copper Loop - long (Nonrecurring with LMU)
A.14.7wL	4-Wire Copper Loop - long (Nonrecurring with LMU) - Disc. Only
A.14.7woL	4-Wire Copper Loop - long (Nonrecurring without LMU)
A.14.7woL	4-Wire Copper Loop - long (Nonrecurring without LMU) - Disc. Only
A.15	**UNBUNDLED NETWORK TERMINATING WIRE (NTW)**
A.15.1	Unbundled Network Terminating Wire (NTW) per Pair
A.16	**HIGH CAPACITY UNBUNDLED LOCAL LOOP**
A.16.1	High Capacity Unbundled Local Loop - DS3 - Facility Termination
A.16.1	High Capacity Unbundled Local Loop - DS3 - Facility Termination - Disconnect Only
A.16.2	High Capacity Unbundled Local Loop - DS3 - Per Mile
A.16.4	High Capacity Unbundled Local Loop - OC3 - Facility Termination
A.16.4	High Capacity Unbundled Local Loop - OC3 - Facility Termination - Disconnect Only
A.16.5	High Capacity Unbundled Local Loop - OC3 - Per Mile
A.16.7	High Capacity Unbundled Local Loop - OC12 - Facility Termination
A.16.7	High Capacity Unbundled Local Loop - OC12 - Facility Termination - Disconnect Only
A.16.8	High Capacity Unbundled Local Loop - OC12 - Per Mile
A.16.10	High Capacity Unbundled Local Loop - OC48 - Facility Termination
A.16.10	High Capacity Unbundled Local Loop - OC48 - Facility Termination - Disconnect Only
A.16.11	High Capacity Unbundled Local Loop - OC48 - Per Mile
A.16.13	High Capacity Unbundled Local Loop - OC48 - Interface OC12 on OC48
A.16.13	High Capacity Unbundled Local Loop - OC48 - Interface OC12 on OC48 - Disconnect Only
A.16.15	High Capacity Unbundled Local Loop - STS-1 - Facility Termination
A.16.15	High Capacity Unbundled Local Loop - STS-1 - Facility Termination - Disconnect Only
A.16.16	High Capacity Unbundled Local Loop - STS-1 - Per Mile
A.17	**LOOP CONDITIONING**
A.17.1	Unbundled Loop Modification - Load Coil / Equipment Removal - short
A.17.2	Unbundled Loop Modification - Load Coil / Equipment Removal - long - First and Additional

A.17.3	Unbundled Loop Modification - Bridged Tap Removal[1]
A.17.4	Unbundled Loop Modification - Additive
A.17.5	Unbundled Sub-Loop Mod. - 2W/4W Copper Distribution Load Coil/Equip. Removal First/Add'l
A.17.6	Unbundled Sub-Loop Modification - 2W/4W Copper Distrib. Bridged Tap Removal First/Add'l
A.18	**MULTIPLEXERS**
A.18.1	Channelization - Channel System DS1 to DS0
A.18.1	Channelization - Channel System DS1 to DS0 - Disconnect Only
A.18.2	Interface Unit - Interface DS1 to DS0 - OCU-DP Card
A.18.3	Interface Unit - Interface DS1 to DS0 - BRITE Card
A.18.4	Interface Unit - Interface DS1 to DS0 - Voice Grade Card
A.18.5	Channelization - Channel System DS3 to DS1
A.18.5	Channelization - Channel System DS3 to DS1 - Disconnect Only
A.18.6	Interface Unit - Interface DS3 to DS1
A.19	**LOOP TESTING BEYOND VOICE GRADE**
A.19.1	Loop Testing Beyond VG - Basic per 1/2 hour
A.19.2	Loop Testing Beyond VG - Overtime per 1/2 hour
A.19.3	Loop Testing Beyond VG - Premium per 1/2 hour
B.0	**UNBUNDLED LOCAL EXCHANGE PORTS AND FEATURES**
B.1	**EXCHANGE PORTS**
B.1.1	Exchange Ports - 2-Wire Analog Line Port (Res., Bus., Centrex, Coin)
B.1.1	Exchange Ports - 2-Wire Analog Line Port (Res., Bus., Centrex, Coin) - Disconnect Only
B.1.2	Exchange Ports - 4-Wire Analog Voice Grade Port
B.1.2	Exchange Ports - 4-Wire Analog Voice Grade Port - Disconnect Only
B.1.3	Exchange Ports - 2-Wire DID Port
B.1.3	Exchange Ports - 2-Wire DID Port - Disconnect Only
B.1.4	Exchange Ports - DDITS Port
B.1.4	Exchange Ports - DDITS Port - Disconnect Only
B.1.5	Exchange Ports - 2-Wire ISDN Port
B.1.5	Exchange Ports - 2-Wire ISDN Port - Disconnect Only
B.1.6	Exchange Ports - 4-Wire ISDN DS1 Port
B.1.6	Exchange Ports - 4-Wire ISDN DS1 Port - Disconnect Only

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B.1.7	Exchange Ports - 2-Wire Analog Line Port (PBX)
B.1.7	Exchange Ports - 2-Wire Analog Line Port (PBX) - Disconnect Only
B.4	**FEATURES**
B.4.10	Centrex Functionality
B.4.13	Features per port
C.0	**UNBUNDLED SWITCHING AND LOCAL INTERCONNECTION**
C.1	**END OFFICE SWITCHING**
C.1.1	End Office Switching Function, Per MOU
C.1.2	End Office Trunk Port - Shared, Per MOU
C.2	**TANDEM SWITCHING**
C.2.1	Tandem Switching Function Per MOU
C.2.2	Tandem Trunk Port - Shared, Per MOU
D.0	**UNBUNDLED TRANSPORT AND LOCAL INTEROFFICE TRANSPORT**
D.1	**COMMON TRANSPORT**
D.1.1	Common Transport - Per Mile, Per MOU
D.1.2	Common Transport - Facilities Termination Per MOU
D.2	**INTEROFFICE TRANSPORT - DEDICATED - VOICE GRADE**
D.2.1	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Per Mile
D.2.2	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination
D.2.2	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination - Disconnect Only
D.3	**INTEROFFICE TRANSPORT - DEDICATED - DS0 - 56/64 KBPS**
D.3.1	Interoffice Transport - Dedicated - DS0 - Per Mile
D.3.2	Interoffice Transport - Dedicated - DS0 - Facility Termination
D.3.2	Interoffice Transport - Dedicated - DS0 - Facility Termination - Disconnect Only
D.4	**INTEROFFICE TRANSPORT - DEDICATED - DS1**
D.4.1	Interoffice Transport - Dedicated - DS1 - Per Mile
D.4.2	Interoffice Transport - Dedicated - DS1 - Facility Termination
D.4.2	Interoffice Transport - Dedicated - DS1 - Facility Termination - Disconnect Only
D.5	**LOCAL CHANNEL - DEDICATED**
D.5.1	Local Channel - Dedicated - 2-Wire Voice Grade
D.5.1	Local Channel - Dedicated - 2-Wire Voice Grade - Disconnect Only
D.5.2	Local Channel - Dedicated - 4-Wire Voice Grade

D.5.2	Local Channel - Dedicated - 4-Wire Voice Grade - Disconnect Only
D.5.7	Local Channel - Dedicated - DS3 - Per Mile
D.5.8	Local Channel - Dedicated - DS3 - Facility Termination
D.5.8	Local Channel - Dedicated - DS3 - Facility Termination - Disconnect Only
D.5.10	Local Channel - Dedicated - OC3 - Per Mile
D.5.11	Local Channel - Dedicated - OC3 - Facility Termination
D.5.11	Local Channel - Dedicated - OC3 - Facility Termination - Disconnect Only
D.5.13	Local Channel - Dedicated - OC12 - Per Mile
D.5.14	Local Channel - Dedicated - OC12 - Facility Termination
D.5.14	Local Channel - Dedicated - OC12 - Facility Termination - Disconnect Only
D.5.16	Local Channel - Dedicated - OC48 - Per Mile
D.5.17	Local Channel - Dedicated - OC48 - Facility Termination
D.5.17	Local Channel - Dedicated - OC48 - Facility Termination - Disconnect Only
D.5.19	Local Channel - Dedicated - OC48 - Interface OC12 on OC48
D.5.19	Local Channel - Dedicated - OC48 - Interface OC12 on OC48 - Disconnect Only
D.5.21	Local Channel - Dedicated - STS-1 - Facility Termination
D.5.21	Local Channel - Dedicated - STS-1 - Facility Termination - Disconnect Only
D.5.23	Local Channel - Dedicated - STS-1 - Per Mile
D.5.24	Local Channel - Dedicated - DS1
D.5.24	Local Channel - Dedicated - DS1 - Disconnect Only
D.6	**INTEROFFICE TRANSPORT - DEDICATED - DS3**
D.6.1	Interoffice Transport - Dedicated - DS3 - Per Mile
D.6.2	Interoffice Transport - Dedicated - DS3 - Facility Termination
D.6.2	Interoffice Transport - Dedicated - DS3 - Facility Termination - Disconnect Only
D.7	**INTEROFFICE TRANSPORT - DEDICATED - OC3**
D.7.1	Interoffice Transport - Dedicated - OC3 - Per Mile
D.7.2	Interoffice Transport - Dedicated - OC3 - Facility Termination
D.7.2	Interoffice Transport - Dedicated - OC3 - Facility Termination - Disconnect Only
D.8	**INTEROFFICE TRANSPORT - DEDICATED - OC12**
D.8.1	Interoffice Transport - Dedicated - OC12 - Per Mile
D.8.2	Interoffice Transport - Dedicated - OC12 - Facility Termination
D.8.2	Interoffice Transport - Dedicated - OC12 - Facility Termination - Disconnect Only
D.9	**INTEROFFICE TRANSPORT - DEDICATED - OC48**

D.9.1	Interoffice Transport - Dedicated - OC48 - Per Mile
D.9.2	Interoffice Transport - Dedicated - OC48 - Facility Termination
D.9.2	Interoffice Transport - Dedicated - OC48 - Facility Termination - Disconnect Only
D.9.4	Interoffice Transport - Dedicated - OC48 - Interface OC12 on OC48
D.9.4	Interoffice Transport - Dedicated - OC48 - Interface OC12 on OC48 - Disconnect Only
D.10	**INTEROFFICE TRANSPORT - DEDICATED - STS-1**
D.10.1	Interoffice Transport - Dedicated - STS-1 - Per Mile
D.10.2	Interoffice Transport - Dedicated - STS-1 - Facility Termination
D.10.2	Interoffice Transport - Dedicated - STS-1 - Facility Termination - Disconnect Only
D.12	**INTEROFFICE TRANSPORT - DEDICATED - 4-WIRE VOICE GRADE**
D.12.1	Interoffice Transport - Dedicated - 4-Wire Voice Grade - Per Mile
D.12.2	Interoffice Transport - Dedicated - 4-Wire Voice Grade - Facility Termination
D.12.2	Interoffice Transport - Dedicated - 4-Wire Voice Grade - Facility Termination - Disconnect Only
E.0	**SIGNALING NETWORK, DATA BASES, & SERVICE MANAGEMENT SYSTEMS**
E.1	**800 ACCESS TEN DIGIT SCREENING**
E.1.1	800 Access Ten Digit Screening, Per Call
E.1.2	800 Access Ten Digit Screening, Reservation Charge Per 800 Number Reserved
E.1.3	800 Access Ten Digit Screening, Per 800 No. Established W/O POTS Translations
E.1.3	800 Access Ten Digit Screening, Per 800 No. Established W/O POTS Translations - Disc. Only
E.1.4	800 Access Ten Digit Screening, Per 800 No. Established With POTS Translations
E.1.4	800 Access Ten Digit Screening, Per 800 No. Established With POTS Translations - Disc. Only
E.1.5	800 Access Ten Digit Screening, Customized Area of Service Per 800 Number
E.1.6	800 Access Ten Digit Screening, Multiple InterLATA CXR Routing Per CXR Requested Per 800 No.
E.1.7	800 Access Ten Digit Screening, Change Charge Per Request
E.1.8	800 Access Ten Digit Screening, Call Handling and Destination Features
E.1.9	800 Access Ten Digit Screening, w/ 8FL No. Delivery
E.1.10	800 Access Ten Digit Screening, w/ POTS No. Delivery
E.2	**LINE INFORMATION DATA BASE ACCESS (LIDB)**
E.2.1	LIDB Common Transport Per Query
E.2.2	LIDB Validation Per Query
E.2.3	LIDB Originating Point Code Establishment or Change
E.2.3	LIDB Originating Point Code Establishment or Change - Disconnect Only
E.3	**CCS7 SIGNALING TRANSPORT**

E.3.1	CCS7 Signaling Connection, Per 56Kbps Facility
E.3.1	CCS7 Signaling Connection, Per 56Kbps Facility - Disconnect Only
E.3.2	CCS7 Signaling Termination, Per STP Port
E.3.3	CCS7 Signaling Usage, Per Call Setup Message
E.3.4	CCS7 Signaling Usage, Per TCAP Message
E.3.7	CCS7 Signaling Connection, Per link (A link)
E.3.8	CCS7 Signaling Connection, Per link (B link) (also known as D link)
E.3.9	CCS7 Signaling Usage, Per ISUP Message
E.3.10	CCS7 Signaling Usage Surrogate, per link
E.3.11	CCS7 Signaling Point Code, Establishment or Change, per STP affected
E.3.11	CCS7 Signaling Point Code, Establishment or Change, per STP affected - Disconnect Only
E.4	**BELLSOUTH CALLING NAME (CNAM) DATABASE (DB) SERVICE**
E.4.1	CNAM for DB Owners - Service Establishment, Manual
E.4.1	CNAM for DB Owners - Service Establishment, Manual - Disconnect Only
E.4.2	CNAM for Non DB Owners - Service Establishment, Manual
E.4.2	CNAM for Non DB Owners - Service Establishment, Manual - Disconnect Only
E.4.3	CNAM for DB Owners Service Provisioning with Point Code Establishment
E.4.3	CNAM for DB Owners Service Provisioning with Point Code Establishment - Disconnect Only
E.4.4	CNAM for Non DB Owners Service Provisioning with Point Code Establishment
E.4.4	CNAM for Non DB Owners Service Provisioning with Point Code Establishment - Disc. Only
E.4.5	CNAM for DB and Non DB Owners, Per Query
E.5	**BELLSOUTH ACCESS TO E911 SERVICE**
E.5.1	BellSouth E911 Access - Local Channel - Dedicated - 2-wire Voice Grade (Same as D.5.1)
	BellSouth E911 Access - Local Channel - Dedicated - 2-wire Voice Grade (Same as D.5.1) - Disc. Only
E.5.2	BellSouth E911 Access - Interoffice Transport - Dedicated - 2-wire Voice Grade Per Mile (Same as D.2.1)
E.5.3	BellSouth E911 Access - Interoffice Transport - Dedicated 2-wire Voice Grade Per Fac. Term (same as D.2.2)
E.5.3	BellSouth E911 Access - Interoffice Transport - Dedicated 2-wire Voice Grade Per Fac. Term- Disc. Only (same as D.2.2)
E.5.4	BellSouth E911 Access - Local Channel - Dedicated - DS1 (Same as D.5.24)
E.5.4	BellSouth E911 Access - Local Channel - Dedicated - DS1 (Same as D.5.24) - Disconnect Only
E.5.5	BellSouth E911 Access - Interoffice Transport - Dedicated - DS1 Per Mile (Same as D.4.1)
E.5.6	BellSouth E911 Access - Interoffice Transport - Dedicated - DS1 Per Facility Termination (Same as D.4.2)
	BellSouth E911 Access - Interoffice Transport - Dedicated - DS1 Per Facility Termination - Disc. Only (same as D.4.2)
E.6	**LNP QUERY SERVICE**

E.6.1	LNP Cost Per query
E.6.2	LNP Service Establishment Manual
E.6.2	LNP Service Establishment Manual - Disconnect Only
E.6.3	LNP Service Provisioning with Point Code Establishment
E.6.3	LNP Service Provisioning with Point Code Establishment - Disconnect Only
G.0	**SELECTIVE ROUTING**
G.9	**SELECTIVE ROUTING (INTERIM SOLUTION LINE CLASS CODES)**
G.9.1	Selective Routing Per Unique Line Class Code Per Request Per Switch
G.9.1	Selective Routing Per Unique Line Class Code Per Request Per Switch - Disconnect Only
G.11	**SELECTIVE CARRIER ROUTING (AIN SOLUTION)**
G.11.1	Service Establishment per CLEC
G.11.1	Service Establishment per CLEC - Disconnect Only
G.11.2	Service Establishment per End Office
G.11.2	Service Establishment per End Office - Disconnect Only
G.11.4	Query Cost
I.0	**INTERIM SERVICE PROVIDER NUMBER PORTABILITY**
I.1	**INTERIM SERVICE PROVIDER NUMBER PORTABILITY - RCF**
I.1.1	Service Provider Number Portability - RCF, Per Number Ported
I.1.1	Service Provider Number Portability - RCF, Per Number Ported - Disconnect Only
I.1.2	Service Provider Number Portability - RCF, Per Additional Path
I.2	**SERVICE PROVIDER NUMBER PORTABILITY - DID**
I.2.1	Service Provider Number Portability - DID, Per Number Ported, Residence
I.2.1	Service Provider Number Portability - DID, Per Number Ported, Residence - Disconnect Only
I.2.2	Service Provider Number Portability - DID, Per Number Ported, Business
I.2.2	Service Provider Number Portability - DID, Per Number Ported, Business - Disconnect Only
I.2.4	Service Provider Number Portability - DID, Per Trunk Termination, Initial
I.2.4	Service Provider Number Portability - DID, Per Trunk Termination, Initial - Disconnect Only
I.2.5	Service Provider Number Portability - DID, Per Trunk Termination, Subsequent
I.2.5	Service Provider Number Portability - DID, Per Trunk Termination, Subsequent - Disconnect Only
I.4	**SERVICE PROVIDER NUMBER PORTABILITY RIPH**
I.4.1	Service Provider Number Portability - RIPH, Functionality, Per Central office
I.4.1	Service Provider Number Portability - RIPH, Functionality, Per Central office - Disconnect Only
I.4.2	Service Provider Number Portability - RIPH, Functionality, Per Rearrangement

I.4.3	Service Provider Number Portability - RI-PH, Per Number Ported
I.4.3	Service Provider Number Portability - RI-PH, Per Number Ported - Disconnect Only
J.0	**OTHER**
J.1	**DARK FIBER**
J.1.2	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof - Local Channel/Loop
J.1.2	Dark Fiber, Per 4 Fiber Strands, Per Route Mile or Fraction Thereof - Local Chan/Loop - Disc. Only
J.1.3	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof - Interoffice
J.1.3	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof - Interoffice - Disc. Only
J.3	**LOOP MAKE-UP**
J.3.1	Mechanized Loop Make-up
J.3.3	Manual Loop Make-up w/o Facility Reservation Number
J.3.4	Manual Loop Make-up w/ Facility Reservation Number
J.5	**ACCESS TO THE DCS**
J.5.1	Customer Reconfiguration Establishment
J.5.1	Customer Reconfiguration Establishment - Disconnect Only
J.5.2	DS1 DCS Termination with DS0 Switching
J.5.2	DS1 DCS Termination with DS0 Switching - Disconnect Only
J.5.3	DS1 DCS Termination with DS1 Switching
J.5.3	DS1 DCS Termination with DS1 Switching - Disconnect Only
J.5.4	DS3 DCS Termination with DS1 Switching
J.5.4	DS3 DCS Termination with DS1 Switching - Disconnect Only
K.0	**ADVANCED INTELLIGENT NETWORK (AIN) SERVICES**
K.1	**BELLSOUTH AIN SMS ACCESS SERVICE**
K.1.1	AIN SMS Access Service - Service Establishment, Per State, Initial Setup
K.1.1	AIN SMS Access Service - Service Establishment, Per State, Initial Setup - Disconnect Only
K.1.2	AIN SMS Access Service - Port Connection - Dial/Shared Access
K.1.2	AIN SMS Access Service - Port Connection - Dial/Shared Access - Disconnect Only
K.1.3	AIN SMS Access Service - Port Connection - ISDN Access
K.1.3	AIN SMS Access Service - Port Connection - ISDN Access - Disconnect Only
K.1.4	AIN SMS Access Service - User Identification Codes - Per User ID Code
K.1.4	AIN SMS Access Service - User Identification Codes - Per User ID Code - Disconnect Only
K.1.5	AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement
K.1.5	AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement - Disc. Only

K.1.6	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)
K.1.7	AIN SMS Access Service - Session, Per Minute
K.1.8	AIN SMS Access Service - Company Performed Session, Per Minute
K.2	**BELLSOUTH AIN TOOLKIT SERVICE**
K.2.1	AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup
K.2.1	AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup - Disconnect Only
K.2.2	AIN Toolkit Service - Training Session, Per Customer
K.2.3	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Term. Attempt
K.2.3	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Term. Attempt - Disc. Only
K.2.4	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay
K.2.4	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay - Disc. Only
K.2.5	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate
K.2.5	AIN Toolkit Svc - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate - Disc. Only
K.2.6	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit PODP
K.2.6	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit PODP - Disc. Only
K.2.7	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP
K.2.7	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP - Disconnect Only
K.2.8	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code
K.2.8	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code - Disconnect Only
K.2.9	AIN Toolkit Service - Query Charge, Per Query
K.2.10	AIN Toolkit Service - Type 1 Node Charge, Per AIN Toolkit Subscription, Per Node, Per Query
K.2.11	AIN Toolkit Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kilobytes
K.2.12	AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription
K.2.12	AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription - Disconnect Only
K.2.13	AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription
K.2.14	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription
K.2.14	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription - Disconnect Only
K.2.15	AIN Toolkit Service - Call Event Special Study - Per AIN Toolkit Service Subscription
L.0	**ACCESS DAILY USAGE FILE (ADUF)**
L.1	**ACCESS DAILY USAGE FILE (ADUF)**
L.1.1	ADUF, Message Processing, per message
L.1.3	ADUF, Data Transmission (CONNECT:DIRECT), per message
M.0	**DAILY USAGE FILES**

M.1	**ENHANCED OPTIONAL DAILY USAGE FILE**
M.1.1	Enhanced Optional Daily usage File: Message Processing, Per Message
M.2	**OPTIONAL DAILY USAGE FILE**
M.2.1	Optional Daily Usage File: Recording, per Message
M.2.2	Optional Daily Usage File: Message Processing, Per Message
M.2.3	Optional Daily Usage File: Message Processing, Per Magnetic Tape Provisioned
M.2.4	Optional Daily Usage File: Data Transmission (CONNECT:DIRECT), Per Message
N.0	**NONRECURRING COSTS**
N.1	**SERVICE ORDER**
N.1.1	Electronic Service Order, per local service request
N.1.1	Electronic Service Order, per local service request - Disconnect Only
N.1.2	Manual Service Order, per local service request
N.1.2	Manual Service Order, per local service request - Disconnect Only
N.1.5	Order Coordination
N.1.6	Order Coordination for Specified Conversion Time
P.0	**UNBUNDLED LOOP COMBINATIONS**
P.1	**2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES, BUS, COIN, PBX)**
P.1.1	2-Wire Voice Grade Loop
P.1	**2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (CENTREX)**
P.1.1	2-Wire Voice Grade Loop
P.1.1	2-W VG Loop with 2-W Line Port (RES, BUS, Coin) - Nonrecurring costs - switch-as-is
P.1.1	2-W VG Loop with 2-W Line Port (PBX) - Nonrecurring costs - switch-as-is
P.1.1	2-W VG Loop with 2-W Line Port (Centrex) - Nonrecurring costs - switch-as-is
P.1.11	Centrex Common Block - Nonrecurring costs - switch-as-is
P.1.2	Exchange Port - 2-Wire Line Port
P.1.17	PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group
P.3	**2-WIRE VOICE GRADE LOOP WITH 2-WIRE DID TRUNK PORT**
P.3.2	Exchange Ports - 2-Wire DID Port for Combinations
P.3.3	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Nonrecurring Costs - Switch-as-is
P.3.7	2-Wire DID Subsequent Activity - Add Trunks, Per Trunk
P.4	**2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT**
P.4.1	2-Wire ISDN Digital Grade Loop
P.4.2	Exchange Port - 2-Wire ISDN Line Side Port

P.4.3	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port Comb. - Nonrec. Costs - Switch-as-is
P.5	**4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT**
P.5.3	4-Wire DS1 Digital Loop / 4-Wire ISDN DS1 Digital Trunk Port Comb. - Nonrec. Costs - Switch-as-is
P.5.5	4-Wire DS1 Dig. Loop/4-Wire ISDN DS1 Dig. Trunk Port Comb - Subseq. Chan. Activation - Per Chan.
P.5.6	4-Wire DS1 Dig. Loop / 4-Wire ISDN DS1 Dig. Trunk Port Comb - Subseq. Inw./2-Way Telephone #s
P.5.7	4-Wire DS1 Dig. Loop / 4-Wire ISDN DS1 Dig. Trunk Port Comb - Subseq. Outw. Telephone #s
P.5.8	4-Wire DS1 Dig. Loop / 4-Wire ISDN DS1 Dig. Trunk Port Comb - Subseq. Inw. Telephone #s
P.6	**2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
P.6-1	First 2W VG in DS1
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Combination Switch-As-Is - Disc Only
	Nonrecurring Cost - 2-wire VG Extended Loop with Dedicated DS1 Interoffice Transport - NEW
	Nonrec. Cost - 2-wire VG Extended Loop with Dedicated DS1 Interoffice Transport - NEW - Disc. Only
P.6-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.6-3	Additional 2W VG in same DS1
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only
P.7	**4-WIRE VOICE GRADE EXTENDED WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
P.7-1	First 4W VG in DS1
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Combination Switch-As-Is-Disc. Only
	Nonrecurring Cost - 4-wire VG Extended Loop with Dedicated DS1 Interoffice Transport - NEW
	Nonrecurring Cost - 4-wire VG Extended Loop with Dedicated DS1 Interoffice Transport - NEW -Disc. Only
P.7-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.7-3	Additional 4W VG in same DS1
	P.17.16 Nonrecurring Cost - New Feature activation for Combination Use Only
P.8	**4-WIRE 56 OR 64 KBPS EXTD. DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
P.8-1	First 4W 56/64 in DS1
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Combination Switch-As-Is- Disc. Only
	Nonrec. Cost - 4-wire 56 or 64 Kbps Extended Loop with Dedicated DS1 Interoffice Transport - NEW
	Nonrec. Cost - 4-wire 56 or 64 Kbps Extd Loop with Ded. DS1 Interoffice Transport - NEW - Disc Only
P.8-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.8-3	Additional 4W 56/64 in same DS1

	P.17.16 Nonrecurring Cost - New Feature activation for Combination Use Only
P.11	**4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
P.11-1	Fixed
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Combination Switch-As-Is- Disc. Only
	Nonrec. Cost - 4-wire DS1 Digital Extended Loop with Dedicated DS1 Interoffice Transport - NEW
	Nonrec. Cost - 4-wire DS1 Digital Extd. Loop with Ded. DS1 Interoffice Transp. - NEW - Disc. Only
P.11-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.13	**4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT**
P.13-1	First DS1 in DS3
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Combination Switch-As-Is- Disc. Only
	Nonrec. Cost - 4-wire DS1 Digital Extd. Loop with Ded. DS3 Interoffice Transport- New
	Nonrec. Cost - 4-wire DS1 Digital Extd. Loop with Ded. DS3 Interoffice Transport- New - Disc. Only
P.13-2	D.6.1 Interoffice Transport - Dedicated - DS3 - Per Mile
P.13-3	Additional DS1 in same DS3
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only
P.15	**4-WIRE DS1 DIGITAL LOOP WITH DDITS PORT**
	4-Wire DS1 Digital Loop with DDITS Port - switch-as-is
P.15.3	4-wire DS1 Digital Loop / DDITS Trunk Port Combination - Nonrecurring Costs - Switch-as-is
P.15.5	4-Wire DS1 Dig. Loop / DDITS Trunk Port Comb. -Subsequent Channel Activation - Per Channel
P.16	**2-WIRE LOOP/ 2 WIRE VOICE GRADE IO TRANSPORT/ 2 WIRE PORT**
P.16-1	Fixed - Switch-as-is
P.16.2	D.2.1 Interoffice Transport - Dedicated - 2 W VG per mile
P.16.3	2W VG Loop / 2W VG IO Transport / 2W Port Combination - Nonrecurring Costs - Switch-as-is
P.17	**Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination**
P.17.1	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is
P.17.1	Nonrec. Cost for Extended Loop or Local Channel and Interoffice Comb. Switch -As-Is - Disc. Only
P.17.4	Nonrecurring Cost - New DS1 Interoffice Facility for Combination Use Only
P.17.4	Nonrecurring Cost - New DS1 Interoffice Facility for Combination Use Only - Disconnect Only
P.17.5	Nonrecurring Cost - New DS1 Interoffice Facility w/ 1/0 MUXing for Combination Use Only
P.17.5	Nonrec. Cost - New DS1 Interoffice Facility w/ 1/0 MUXing for Comb. Use Only - Disc. Only
P.17.7	Nonrecurring Cost - New DS3 or STS-1 Interoffice Facility for Combination Use Only

P.17.7	Nonrec. Cost - New DS3 or STS-1 Interoffice Facility for Combination Use Only - Disconnect Only
P.17.8	Nonrecurring Cost - New DS3 or STS-1 w/ 3/1 MUXing Interoffice Facility for Combination Use Only
P.17.8	Nonrec. Cost - New DS3 or STS-1 w/ 3/1 MUXing Interoffice Fac. for Comb. Use Only - Disc. Only
P.17.10	Nonrecurring Cost - New VG Local Loop for Combination Use Only
P.17.10	Nonrecurring Cost - New VG Local Loop for Combination Use Only - Disconnect Only
P.17.11	Nonrecurring Cost - New DS1 Local Loop for Combination Use Only
P.17.11	Nonrecurring Cost - New DS1 Local Loop for Combination Use Only - Disconnect Only
P.17.12	Nonrecurring Cost - New DS3 or STS-1 Local Loop for Combination Use Only
P.17.12	Nonrecurring Cost - New DS3 or STS-1 Local Loop for Combination Use Only - Disconnect Only
P.17.16	Nonrecurring Cost - New Feature Activation for Combination Use Only
P.17.17	Nonrecurring Cost - New DS0 IOF for Combination Use Only
P.17.17	Nonrecurring Cost - New DS0 IOF for Combination Use Only - Disconnect Only
P.23	**2-WIRE VOICE GRADE EXTENDED LOOP/2 WIRE VOICE GRADE INTEROFFICE TRANSPORT**
P.23-1	Fixed
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is - Disc. Only
	Nonrec. Cost - 2-wire VG Extended Loop with 2-wire VG Interoffice Transport - NEW
	Nonrec. Cost - 2-wire VG Extd. Loop with 2-wire VG Interoffice Transport - NEW - Disc. Only
P.23-2	D.2.1 Interoffice Transport - Dedicate - 2-Wire Voice Grade - Per Mile
P.24	**4-WIRE VOICE GRADE EXTENDED LOOP/ 4-WIRE VOICE GRADE INTEROFFICE TRANSPORT**
P.24-1	Fixed
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is - Disc. Only
	Nonrec. Cost - 4-wire VG Extended Loop with 4-wire VG Interoffice Transport - NEW
	Nonrec. Cost - 4-wire VG Extd. Loop with 4-wire VG Interoffice Transport - NEW - Disc. Only
P.24-2	D.12.1 Interoffice Transport - Dedicated - 4-Wire Voice Grade - Per Mile
P.25	**DS3 DIGITAL EXTENDED LOOP WITH DEDICATED STS1 INTEROFFICE TRANSPORT**
P.25-1	Fixed
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is - Disc. Only
	Nonrec. Cost - DS3 Digital Extd. Loop with Ded. DS3 Interoffice Transport - NEW
	Nonrec. Cost - DS3 Digital Extd. Loop with Ded. DS3 Interoffice Transport - NEW - Disc. Only
P.25-2	D.6.1 Interoffice Transport - Dedicated - DS3 - Per Mile

P.25-3	A.16.2 High Capacity Unbundled Local Loop - DS3 - Per Mile
P.26	**STS1 DIGITAL EXTENDED LOOP WITH DEDICATED STS1 INTEROFFICE TRANSPORT**
P.26-1	Fixed
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-As-Is - Disc. Only
	Nonrec. Cost - STS1 Digital Extd. Loop with Ded. STS1 Interoffice Transport - NEW
	Nonrec. Cost - STS1 Digital Extd. Loop with Ded. STS1 Interoffice Transport - NEW - Disc. Only
P.26-2	D.10.1 Interoffice Transport - Dedicated - STS-1 - Per Mile
P.26-3	Per Mile - Loop
	A.16.16 High Capacity Unbundled Local Loop - STS-1 - Per Mile
P.50	**4-WIRE DS1 LOOP WITH CHANNELIZATION WITH PORT**
P.50.VG1	First Voice Grade in DS1 - Switch-as-is
P.50.VG2	Additional Voice Grade in same DS1
P.50 DID1	First 2-Wire DID in DS1 -Switch-as-is
P50DID2	Additional 2-Wire DID in same DS1
P50ISDN-1	First ISDN in DS1 - Switch-as-is
P50ISDN2	Additional ISDN in same DS1
P.50.1	4-Wire DS1 Loop/Channelization Port Combination - Nonrecurring Costs - Switch-as-is
P.50.4	4-Wire DS1 Loop/Channelization Port Combination - Subsequent Activity - Add Lines - Per Line
P.50.5	4-Wire DS1 Loop/Channelization Port Combination - Subsequent Activity - Add Trunks - Per Trunk
P.51	**2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT**
P.51-1	First 2-Wire ISDN in DS1
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is -Disc. Only
	Nonrec. Cost - 2-Wire ISDN Extd. Loop with DS1 Interoffice Transport - NEW
	Nonrec. Cost - 2-Wire ISDN Extd. Loop with DS1 Interoffice Transport - NEW - Disc. Only
P.51-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.51-3	Additional 2-Wire ISDN in same DS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.52	**4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT**
P.52-1	First in DS1 in STS1
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is

	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is -Disc. Only
	Nonrec. Cost - 4-Wire DS1 Digital Extd. Loop with Ded. STS-1 Interoffice Transport - NEW
	Nonrec. Cost - 4-Wire DS1 Digital Extd. Loop with Ded. STS-1 Interoffice Transport - NEW - Disc. Only
P.52-2	D.10.1 Interoffice Transport- Dedicated - STS-1 - Per Mile
P.52-3	Additional DS1 in same STS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.53	**2-WIRE VOICE GRADE EXTD LOOP WITH DED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**
P.53-1	First 2-Wire VG in First DS1 in DS3
	P.17.1 Nonrec. Cost for Extd. Loop of Local Channel and Interoffice Combination - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop of Local Channel and Interoffice Comb. - Switch-as-is- Disc. Only
	Nonrec. Cost - 2-Wire VG Extd. Loop with Ded. DS1 Interoffice Transport with 3/1 Mux- NEW
	Nonrec. Cost - 2-Wire VG Extd. Loop with Ded. DS1 Interoffice Trans. with 3/1 Mux- NEW-Disc Only
P.53-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.53-3	Additional 2-Wire VG in same DS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.53-4	Additional DS1 in same DS3
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.54	**4-WIRE VOICE GRADE EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**
P.54-1	First 4-Wire VG in First DS1 in DS3
	P.17.1 Nonrec. Cost for Extd. Loop of Local Channel and Interoffice Combination - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop of Local Channel and Interoffice Comb. - Switch-as-is- Disc. Only
	Nonrec. Cost - 4-Wire VG Extd. Loop with Ded. DS1 Interoffice Trans. with 3/1 Mux - NEW
	Nonrec. Cost - 4-Wire VG Extd. Loop with Ded. DS1 Interoffice Trans. with 3/1 Mux - NEW - Disc Only
P.54-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.54-3	Additional 4-Wire VG in same DS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.54-4	Additional DS1 in same DS3
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.55	**4-WIRE 56 OR 64 KBPS EXTD DIGITAL LOOP WITH DED. DS1 INTEROFFICE TRANS. W/ 3/1 MUX**
P.55-1	First 4-Wire in First DS1 in DS3
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is -Disc. Only
	Nonrec. Cost- 4-Wire 56 or 64 Kbps Extd Loop w/Ded. DS1 Trans. w/ 3/1 Mux- NEW

	Nonrec. Cost- 4-Wire 56 or 64 Kbps Extd Loop w/Ded. DS1 Trans. w/ 3/1 Mux- NEW - Disc. Only
P.55-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.55-3	Additional 4-Wire in same DS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.55-4	Additional DS1 in same DS3
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.56	**2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT W/ 3/1MUX**
P.56-1	First 2-Wire in First DS3
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is -Disc. Only
	Nonrec. Cost - 2-Wire ISDN Extd Loop with Ded. DS1 Interoffice Transport with 3/1 Mux - NEW
	Nonrec. Cost - 2-Wire ISDN Extd Loop w/ Ded. DS1 Interoffice Trans. w/ 3/1 Mux - NEW - Disc. Only
P.56-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.56-3	Additional 2-Wire in same DS1
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.56-4	Additional DS1 in same DS3
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.57	**4-WIRE DS1 DIGITAL EXTD LOOP WITH DED. DS1 INTEROFFICE TRANSPORT W/ 3/1/ MUX**
P.57-1	First 4-Wire DS1 in DS3
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is - Disc. Only
	Nonrec. Cost - 4-Wire DS1 Digital Extd. Loop with Ded. DS1 Interoffice Transport with 3/1 Mux - NEW
	Nonrec. Cost- 4-Wire DS1 Dig Extd. Loop with Ded DS1 Interoffice Trans. w/ 3/1 Mux-NEW -Disc Only
P.57-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile
P.57-3	Additional 4-Wire DS1 in same DS3
	P.17.16 Nonrec. Cost - New Feature Activation for Combination Use Only
P.58	**4-WIRE 56 OR 64 KBPS DIGITAL EXTENDED LOOP WITH DS0 INTEROFFICE TRANSPORT**
P.58-1	Fixed
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is
	P.17.1 Nonrec. Cost for Extd. Loop or Local Channel and Interoffice Comb. - Switch-as-is -Disc. Only
	Nonrec. Cost- 4-Wire 56 or 64 Kbps Dig. Extd Loop w/ Ded DS0 Interoffice Transport - NEW
	Nonrec. Cost- 4-Wire 56 or 64 Kbps Dig. Extd Loop w/ Ded DS0 Interoffice Trans - NEW- Disc. Only
P.58-2	D.3.1 Interoffice Transport - Dedicate -DS0 - Per Mile

Q.0	**D4 CHANNEL BANKS**
Q.1	**D4 CHANNEL BANKS CENTRAL OFFICE**
Q.1.1	D4 Channel Bank Inside CO - System
Q.1.3	Unbundled Loop Concentration - ISDN (Brite Card)
Q.1.4	Unbundled Loop Concentration - POTS Card