ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

In this section normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 7:00 A.M. to 4:00 P.M.) for the application of rates based on working hours.

10.1 ADDITIONAL ENGINEERING

Additional Engineering will be provided by the Company at the request of the customer only when:

(A) A customer requests additional technical information after the Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.1.4 preceding.

(B) Additional engineering time is incurred by the Company to engineer a customer's request for a customized service as set forth in 6.1.1 preceding.

The Company will notify the customer that additional engineering charges, as set forth in 10.1.3 following, will apply before any additional engineering is undertaken.

10.1.1 Charges For Additional Engineering

The charges for additional Engineering are as follows:

Additional Engineering Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(A) Basic Time, normally scheduled working hours, per engineer	AEH	$ 43.70	$ 34.96
(B) Overtime, outside of normally working hours, scheduled working hours, per engineer	AEH	$ 64.24	$ 51.39

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.2 ADDITIONAL LABOR

Additional labor is that labor requested by the customer on a given service and agreed to by the Company as set forth in 10.2.1 through 10.2.5 following. The Company will notify the customer that additional labor charges as set forth in 10.2.6 following will apply before any additional labor is undertaken.

10.2.1 OVERTIME INSTALLATION

Overtime installation is that Company installation effort outside of normally scheduled working hours.

10.2.2 OVERTIME REPAIR

Overtime repair is that Company maintenance effort performed outside of normally scheduled working hours.

10.2.3 STAND BY

Stand by includes all time in excess of one-half (1/2) hour during which Company personnel stand by to make installation acceptance tests or cooperative tests with a customer to verify facility on a given service.

10.2.4 TESTING AND MAINTENANCE WITH OTHER TELEPHONE COMPANIES

Additional testing, maintenance or repair of facilities which connects to facilities of other telephone companies, which is in addition to normal effort required to test, maintain or repair facilities provided solely by the Company.

10.2.5 OTHER LABOR

Other labor is that additional labor not included in 10.2.1 through 10.2.4 preceding, including, but not limited to labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this Product Guide.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.2 ADDITIONAL LABOR (Cont'd)

10.2.6 CHARGES FOR ADDITIONAL LABOR

The charges for additional labor are as follows:

Additional Labor Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(A) Installation or Repair			
- Overtime, outside of normally scheduled working hours, per technician	ALH	$ 5.56*	$ 4.44*
- Premium Time, outside of scheduled work day, per technician	ALH	$11.11*	$ 8.88*
(B) Stand by			
- Basic Time, normally scheduled working hours, per technician	ALT	None	$18.96
- Overtime, outside of normally scheduled working hours, on a scheduled work day, per technician	ALT	None	$ 24.54*
- Premium Time, outside of scheduled work day, per technician	ALT	None	$30.11*

* A call-out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

10. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES (Cont'd)
    10.2 ADDITIONAL LABOR (Cont'd)
        10.2.6 CHARGES FOR ADDITIONAL LABOR (Cont'd)

The charges for additional labor are as follows:

Additional Labor Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
(C) Testing and Maintenance with other telephone companies, or Other Labor			
- Basic Time, normally scheduled working hours, per technician	ALK	$18.96	$15.17
- Overtime, outside of normally scheduled working hours, on a scheduled work day, per technician	ALK	$24.54*	$19.63*
- Premium Time, outside of scheduled work day, per technician	ALK	$30.11*	$24.09*

* A call-out of a Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES

10.3.1 PRESUBSCRIPTION

(A) Presubscription is an arrangement whereby an end user may select and designate to the Company an IC to access, without an access code, for intrastate interLata calls. This IC is referred to as the end user's predesignated IC.

(B) End users may select one of the following options at no charge.

- Designate an IC as predesignated IC and dial 10XXX or other access codes (i.e., 950-10XX) to reach other ICs.

- Designate that they do not want to be presubscribed to any IC and choose to dial 10XXX or other access codes (i.e., 950-10XX) for all calls to all ICs, including AT&T.

After the end user's initial selection of a predesignated IC, for any additional change in selection, a nonrecurring charge, as set forth in (D) following, applies.

(C) New end users, who are served by end offices equipped with Feature Group D, will be asked to presubscribe to an IC at the time they place an order with the Company for Telephone Exchange Service. They may select either of the following options. There will be no additional charge for this initial selection.

- Designate an IC as predesignated IC and dial 10XXX or other access codes (i.e., 950-10XX) to reach other ICs.

- Designate that they do not want to be presubscribed to any IC and choose to dial 10XXX or other access codes (i.e., 950-10XX) for all calls to all ICs.

Subsequent to the installation of Telephone Exchange Service, and the end user's initial selection of a predesignated IC, for any additional change in selection, a nonrecurring charge, as set forth in (D) following, applies.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.1 PRESUBSCRIPTION (Cont'd)

(D) The nonrecurring charge for Presubscription is as follows:

	Nonrecurring Charg
Presubscription, per Telephone Exchange Service line or trunk	$5.00#

Note: This charge is billed to the end user which is the subscriber to the Telephone Exchange Service.

This charge will be waived for all Carrier Identification Codes returned to Bellcore's North American Numbering Plan Administrator on a national basis for reassignment prior to January 1, 1993.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)

10.3.2 STANDARD JACKS - NETWORK INTERFACE

Standard jacks are provided by the Company to connect Registered Equipment to those services that are subject to the Registration Program as set forth in 2.5 preceding. The use of jacks is covered in Part 68 of the FCC's Rules and Regulations. Specific jacks are described in the document on file with the FCC entitled "Description of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations.

These jacks are used to terminate services provided by the Company. Other services or facilities provided by the Company or by others may also be terminated in any spare capacity of the jacks remaining after installation without additional charge for the use of such capacity.

The nonrecurring charges, for standard jacks and their typical uses are set forth following:

	USOC	Nonrecurring Charges
(A) Standard Voice Jacks		
(1) Miniature six-position jacks for connection of terminal equipment as follows:		
(a) Single line telephone set surface or flush mounted.	RJ11C	$9.15
(b) Single line telephone set wall mounted.	RJ11W	9.15

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.2 STANDARD JACKS - NETWORK INTERFACE (Cont'd)
(A) Standard Voice Jacks (Cont'd)

		USOC	Nonrecurring Charges
(1)	(Cont'd)		
	(c) Two line non-key telephone set surface or flush mounted.	RJ14C	$9.15
	(d) Single-line bridged 4-wire exchange 2/RT, T1/R1.	RJ1DC	9.15
	(e) Two-line non-key telephone sets wall mounted.	RJ14W	9.15
	(f) Special single line equipment for use in hospital critical care areas.	RJ17C	9.15
	(g) 9dB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	9.15
	(h) Three-line non-key telephone sets and ancillary devices.	RJ25C	9.15

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.2 STANDARD JACKS - NETWORK INTERFACE (Cont'd)
(A) Standard Voice Jacks (Cont'd)

		USOC	Nonrecurring Charges
(2)	50 Position Miniature Ribbon for connection of multiline terminating equipment and channel Derivation devices as follows:		
	(a) For connection to 2-wire tie trunks E&M type I signaling. (12-line capacity)	RJ2EX	$108.55
	(b) For connection to 4-wire tie trunks E&M type I signaling. (8 line capacity)	RJ2GX	108.55
	(c) For connection to 2-wire tie trunks E&M type II signaling. (8 line capacity)	RJ2FX	108.55
	(d) For connection to 4-wire tie trunks E&M type II signaling. (6 line capacity)	RJ2HX	108.55
	(e) For connection to off-premises station lines. (25 line capacity)	RJ21X	108.55

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.2 STANDARD JACKS - NETWORK INTERFACE (Cont'd)
(A) Standard Voice Jacks (Cont'd)

		USOC	Nonrecurring Charges
(2)	(Cont'd)		
	(f) For use with series devices such as toll restrictors. (12 line capacity)	RJ71C	$108.55
	(g) For connection of up to 12 line bridged 4-wire exchange 2/RT, T1/R1.	RJ2DX	108.55
(3)	Series Jacks for connection of terminal equipment as follows:		
	(a) Single line alarm reporting devices.	RJ31X	20.15
	(b) Series ancillary devices such as automatic dialers. Single line sets with exclusion.	RJ32X	20.15
	(c) Two line telephone sets with exclusion on one line.	RJ37X	20.15
(4)	Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	45.90

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)

10.3.2 STANDARD JACKS - NETWORK INTERFACE (Cont'd)

(B) Standard Data Jacks

	USOC	Nonrecurring Charges
(1) Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment (1-line capacity city)	RJ41S	$ 32.55
(2) Programmed Data Jack for use in connecting programmed data equipment (1-line capacity)	RJ45S	31.95
(3) Multiple Line Universal Data Jack for use in Connecting fixed loss loop (FLL)and programmed (P)types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed following:	RJ26X	116.85
(a) Multiple Line Universal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	22.15

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.2 STANDARD JACKS - NETWORK INTERFACE (Cont'd)
(B) Standard Data Jacks (Cont'd)

(3) (Cont'd)	USOC	Nonrecurring Charges
(b) Multiple Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.		
- Wall Mounting with cover.	RJM3X	$26.25
- Rack Mounting. (19 inch or 23 inch)	RJM4X	33.45

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)

10.3.3 TESTING SERVICES

Testing Services offered under this section of the Product Guide are optional and subject to rates and charges as set forth in 10.3.3(B) following. Other testing services provided by the Company in association with Access Services are furnished at no additional charge. These other testing services are described in 6.1.5.

Testing services are normally provided by Company personnel at Company locations. However, provisions are made in (A)(2) following for a customer to request Company personnel to perform testing services at the customer's premises.

The offering of Testing Services under this section of the Product Guide is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A) and (B) following:

(A) Special Access Service

The Company will, at the request of a customer, provide assistance in performing specific tests requested by the customer.

(1) Additional Cooperative Acceptance Testing (ACAT)

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the Company will provide a technician at the customer's premises or at the end user premises. These tests may consist of the following:

- VG1 through VG5: Attenuation Distortion, C-Message Noise and Echo Control.

- VG6 through VG12: Attenuation Distortion, C-Message Noise, Echo Control, Impulse Noise, Phase Jitter, Intermodulation Distortion, Envelope Delay Distortion and Frequency Shift.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.3 TESTING SERVICES (Cont'd)
(A) Special Access Service (Cont'd)

(2) Nonscheduled Testing (NST)

When a customer provides a technician at its premises with suitable test equipment to perform the required tests, the Company will provide a technician at its office for the purpose of conducting Nonscheduled Testing. At the customer's request, the Company will provide a technician at the customer's premises. Non-scheduled tests may consist of any tests, e.g., loss, noise, slope, envelope delay, which the customer may require.

(3) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Company at times mutually agreed upon.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.3 TESTING SERVICES (Cont'd)

(B) Rates and Charges

(1) Special Access

(a) Additional Cooperative Acceptance Testing (ACAT)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Basic Time, normally scheduled working hours, per technician	SNTX+	$39.78	$19.09
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	SNTX+	48.51*	23.29*
Premium Time, outside of scheduled work day, per technician	SNTX+	57.73*	27.70*

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)
10.3.3 TESTING SERVICES (Cont'd)
(B) Rates and Charges (Cont'd)
(1) Special Access (Cont'd)

(b) Nonscheduled Testing (NST)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Basic Time, normally scheduled working hours, per technician	SNOX+	$41.96	$14.95
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	SNOX+	54.94*	19.16*
Premium Time, outside of scheduled work day, per technician	SNOX+	68.60*	23.59

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES

10.3 MISCELLANEOUS SERVICES (Cont'd)

10.3.4 Provision of Access Service Billing Information

(A) The customer will receive its monthly bills in one of the following formats.

(1) A detailed paper bill.

(2) Bill Data Record
(a) Electronic Data Transmission
(b) Storage device (CD ROM)

(B) Additional copies of the customer monthly bill or service and features record may be provided in standard paper.

(C) Upon acceptance by the Company of an order for data transmission, the Company will determine the period of time to implement the transmission of such material on an Individual Order Basis.

(D) The rates and charges for the provision of Access Service Billing Information are as follows:

	FID	Rate
(1) Provision of Standard Billing Detail and/or Information in electronic format, (1) per record	DMT	$.007
(2) Data Transmission to customer's premises of Billing Detail and/or Information, per record transmitted	BOD DT	.002
(3) Additional Copies of customer monthly bill or service and features record in standard paper or microfiche format		
per page	NOB/NEL	ICB
per microfiche record	BOD FH	Rates and Charges Apply