

FACILITIES FOR OTHER COMMON CARRIERS

REGULATIONS AND SCHEDULE OF CHARGES

Applying to the provision of facilities between specified points which are located within the same state to Other Common Carriers within the operating territory of Verizon New York Inc.

As of August 1, 2000, the New York Telephone Company name has been changed to Verizon New York Inc. All references throughout this Tariff to New York Telephone Company or "the Company" shall be read as Verizon New York Inc.

Facilities are provided by means of wire, radio or a combination thereof.

FACILITIES FOR OTHER COMMON CARRIERS

EXPLANATION OF SYMBOLS

- (C) - To signify changed regulation
- (D) - To signify discontinued rate or regulation
- (N) - To signify new rate or regulation
- (T) - To signify a change in text but no change in rate or regulation

EXPLANATION OF ABBREVIATIONS

- ac - alternating current
- db - decibel
- dc - direct current
- f - frequency
- FX - Foreign Exchange
- Hz - Hertz
- OCC - Other Common Carrier
- rms - root-mean-square

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FACILITIES FOR OTHER COMMON CARRIERS

1. Application of Tariff

- 1.1 This Tariff contains regulations, rates and charges applicable to facilities provided by Verizon New York Inc., hereinafter referred to as the Telephone Company, to Other Common Carriers, hereinafter referred to as OCCs. This tariff does not apply to services offered by the Telephone Company.
- 1.2 Regulations, rates and charges as specified in this Tariff apply to facilities provided to OCCs only and shall not serve as a substitute for OCC offerings of services to their patrons. The provision of such facilities by the Telephone Company as set forth in this Tariff does not constitute a joint undertaking with the OCC for the furnishing of any service.
- 1.3 Whenever facilities provided by the Telephone Company under this Tariff are connected to facilities provided by one or more other telephone companies, the regulations, rates and charges of such other telephone companies apply for the facilities provided by the other telephone company. All arrangements for facilities provided by an other telephone company shall be made by the OCC directly with the other telephone company involved.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations

2.1 Undertaking of the Telephone Company

2.1.1 Scope

- (A) Facilities provided to an OCC under this may be connected to other facilities used by the OCC for the purpose of extending such other facilities of the OCC between certain locations and thereby constitute a portion of the end-to-end service furnished by the OCC to its patrons.
- (B) The Telephone Company does not undertake to transmit messages or offer any telecommunication services under this Tariff.
- (C) The Telephone Company shall be responsible only for the installation, operation and maintenance of its facilities. Telephone Company facilities are not represented as adapted to the use of other than Telephone Company provided equipment or services. The responsibility of the Telephone Company shall be limited to the provision of facilities under this tariff and to the maintenance and operation of such facilities in a proper manner.
- (D) Facilities are provided 24 hours daily, seven days per week.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations

- (A) None of the provisions of this tariff shall apply or extend directly to any patron of the OCC. All orders for facilities to be provided under this tariff shall be made only by the OCC.
- (B) The OCC may not assign or transfer the use of facilities provided under this tariff except, where there is no interruption of use or relocation of the facilities, such assignment or transfer may be made to:
 - (1) another OCC, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such facilities, and the unexpired portion of the minimum period and the termination liability applicable to such facilities, if any; or
 - (2) a court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such facilities, if any.

In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer which acknowledgment shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability

- (A) The Telephone Company's failure to provide or maintain facilities under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the interruption allowance provisions of 2.4.4 following.
- (B) The liability of the Telephone Company for damages arising out of delays in installation or restoration of facilities or out of mistakes, omissions, interruptions, or errors or defects in transmission occurring in the course of providing facilities shall in no event exceed the amount of the allowance, if any, available under 2.4.4 following. There shall be no liability to the Telephone Company for damages arising out of the fault of facilities or equipment furnished by other than the Telephone Company or caused by other than the willful negligence of the Telephone Company.
- (C) The Telephone Company is not liable for any act or omission of the OCC in the furnishing of its service.
- (D) No license under patents is granted by the Telephone Company to the OCC or shall be implied or arise by estoppel in the OCC's favor with respect to any circuit, apparatus, system or method used by the OCC in connection with any facilities provided under this tariff. With respect to claims of patent infringement made by third persons, the Telephone Company will defend, indemnify, protect and save harmless the OCC from and against all claims arising out of the use by the OCC of facilities provided under this tariff.
- (E) The Telephone Company shall reimburse the OCC for damages to premises or equipment of the OCC or others resulting from the provision of facilities by the Telephone Company on such premises or by the installation or removal thereof caused by the negligence or willful act of the Telephone Company.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Facilities

The Telephone Company, to the extent that such facilities are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's exchange and message telecommunications services, will provide to the OCC upon reasonable notice facilities as specified in (A) through (F) following at rates and charges specified in 4. following.

(A) Voice Grade Facilities

two point effective two wire and effective four wire voice grade facilities between (1) two OCC terminal locations of the same or different OCC or (2) an OCC terminal location and a point of connection with a facility provided by another telephone company, or (3) two points of connection with facilities provided by another telephone company or two different such companies. Voice grade facilities may, at the request of the OCC, be conditioned in order to meet one of the sets of conditioning characteristics specified in 3.1.3 following.

(B) Voice Grade Data Facilities

two point effective two wire and effective four wire voice grade data facilities between the points specified in (A) preceding. Voice grade data facilities may, at the request of the OCC, be conditioned in order to meet one of the sets of conditioning characteristics specified in 3.1.3 following or the conditioning characteristics specified in 3.2.1 following.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Facilities (Cont'd)

(C) Wire Pair Facilities

two point wire pair facilities, where the airline distance between the serving central offices is five miles or less, between the points specified in (A) preceding.

Notwithstanding any other provisions of this section, the Telephone Company expressly reserves the right to revise, within an exchange or portion thereof, the general offering of wire pair facilities in order to provide for the withdrawal of the use of wire pair facilities between central offices provided, however, that in the event of such withdrawal of the use of wire pair facilities between central office (1) comparable facilities may be provided in the form of facilities as specified in (D) following and (2) any wire pair facilities being provided at the time of withdrawal will be disconnected only where alternative transmission techniques acceptable to the Telephone Company and the OCC can be provided to maintain the existing services.

(D) Specialized Facilities

facilities of a type normally utilized in the furnishing of the Telephone Company's own services, other than those provided under (A) through (C) and (E) and (F) between the points specified in (A) preceding, within an exchange or between two exchanges where the distance between the rate centers of the exchanges is 40 airline miles or less, where it is not practicable for the OCC otherwise to construct or acquire the facilities, subject to the availability of necessary Telephone Company personnel and capital resources and the compatibility of the requested facilities with other Telephone Company facilities, equipment, services and its engineering and maintenance practices.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Facilities (Cont'd)

(E) Control Facilities

two point effective two wire control facilities between the points specified in (A) preceding.

(F) Telegraph Grade Facilities

two point effective two wire and effective four wire telegraph grade facilities between the points specified in (A) preceding.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.5 Special Construction

Subject to the agreement of the Telephone Company, special construction of facilities as provided in 2.1.4 preceding may be undertaken at the request of the OCC to meet the needs of the OCC. Special construction is that construction undertaken:

- (A) where facilities are not presently available, and there is no other requirements for the facilities so constructed,
- (B) of a type other than that which the Telephone Company would normally utilize in the furnishing of its services,
- (C) over a route other than that which the Telephone Company would normally construct to serve the OCC's facility needs,
- (D) in a quantity greater than that which the Telephone Company would normally construct to serve the OCC's facility needs,
- (E) on an expedited basis,
- (F) on a temporary basis until permanent facilities are available,
- (G) involving abnormal costs, or
- (H) in advance of its normal construction.

Special construction charges will be determined as described in 4.5. following.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.6 Installation and Termination of Facilities

The facilities provided under this Tariff (A) will include any entrance cable or drop wiring and wiring or cable within a building necessary to terminate the facility at points reasonably situated so as to serve patrons' premises or OCC terminal locations and (B) will be installed by the Telephone Company to such points of termination. Wiring to apparatus or facilities of the OCC or its patron shall be furnished by the OCC or its patron from such a point of termination or provided by the Telephone Company as a two point facility within a building.

2.1.7 Provision of Facility Make-up

The Telephone Company will provide to the OCC the make-up of the facilities provided under this Tariff to enable the OCC to design its overall service.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Changes and Substitutions

The Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any telephone plant used in providing facilities under this Tariff, including but not limited to (1) substitution of different wire pairs, (2) substitution of carrier or derived facilities for wire pairs used to provide other than wire pair facilities and (3) substitution of wire pairs for carrier or derived facilities used to provide other than wire pair facilities, (B) change minimum network protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operation or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the facility parameters will be within the range as set forth in 3. Following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any OCC furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, changes or rearrangements materially affect the operating characteristics of the facility, the OCC will be given adequate notice in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.9 Discontinuance and Refusal of Facilities

- (A) Unless the provisions of 2.5.5(B) following apply, if the OCC fails to comply with the provisions contained herein, and fails within thirty (30) days after written notice by certified mail from the Telephone Company to an officer of the OCC to correct such noncompliance, the Telephone Company may discontinue the provision of the facilities involved. In case of such discontinuance, all applicable charges, including termination charges, shall become due.
- (B) If the OCC repeatedly fails to comply with the provisions of this tariff in connection with the provision of a facility or group of facilities, and fails to correct such course of action after notice as set forth in (A) above, the Telephone Company may refuse applications for additional facilities in the same exchange or exchanges as the facilities involved are provided until the course of action is corrected.

2.1.10 Charge for Quotation

A request for a quotation of charges for the provision of any facility for which the rates and charges are based on cost will be subject to a special quotation charge for the direct administrative and engineering costs associated with the preparation of that particular quotation. The amount of such charges will be credited to the account of the OCC when an order for the facilities is received within 90 days of the quotation and the facilities are provided.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.2 Use

2.2.1 Purpose

- (A) Facilities provided under this tariff shall be used by the OCC only in furnishing authorized common carrier communications services offered to its patrons and for operational purposes directly related to the furnishing of the OCC's authorized services. Operational purposes are limited to testing and maintenance of circuits, demonstration and experimental services and spare facilities. Telephone Company telecommunications services required by the OCC for its administrative use are furnished under other applicable tariffs of the Telephone Company.
- (B) Where facility conditions permit, the OCC may use the entire transmission capability of a facility provided under this tariff as a single channel or create additional communication channels within or below the voice frequency band. The Telephone Company does not warrant that its facilities meet standards other than those set forth in 3. Following.

2.2.2 Unlawful Use

The facilities provided under this tariff shall not be used for an unlawful purpose.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.3 Obligations of the Other Common Carriers

2.3.1 Damages

The OCC shall reimburse the Telephone Company for damages to facilities of the Telephone Company provided under this Tariff caused by the negligence or willful act of the OCC or a patron of the OCC, or resulting from improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. The Telephone Company will, upon reimbursement for damages, cooperate with the OCC in prosecuting a claim against the person causing such damages and the OCC shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Theft

The OCC shall reimburse the Telephone Company for any loss through theft of facilities provided under this Tariff on the OCC's or its patron's premises.

2.3.3 Equipment Space and Power

The OCC shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide facilities under this Tariff at the points of termination of such facilities. The selection of ac or dc power shall be mutually agreed to by the OCC and the Telephone Company. The OCC shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, inspecting, repairing or removing facilities of the Telephone Company.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.3 Obligations of the Other Common Carriers (Cont'd)

2.3.4 Protective Apparatus

The OCC shall install and bear the cost, if any, of such additional facilities or protective apparatus which, according to accepted telecommunications industry standards, are required to be installed because of the particular use or hazardous location of the facilities provided under this Tariff.

2.3.5 Inspection of Facilities

The OCC shall allow the Telephone Company to inspect at reasonable time any facilities or equipment provided by other than the Telephone Company required in accordance with 2.3.4 preceding and 2.7.1 (D) following which are associated with the facilities provided under this tariff to determine if such installation complies with such Telephone Company requirements.

2.3.6 Design of Services

Subject to the provisions of 2.1.8 preceding, the OCC shall be solely responsible at its expense for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum network protection criteria or operating or maintenance characteristics of the facilities.

2.3.7 References to Telephone Company

The OCC may advise its patrons that certain facilities are provided by the Telephone Company in connection with the service the OCC furnishes to its patrons; however, the OCC shall not represent that the Telephone Company jointly participates in the OCC's services.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.3 Obligations of the Other Common Carriers (Cont'd)

2.3.8 Claims and Demands for Damages

- (A) With respect to claims of patent infringement made by third persons the OCC shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the facilities provided under this tariff, any circuit, apparatus, system or method provided by the OCC or its patrons.
- (B) The OCC shall defend, indemnify and save harmless the Telephone Company from and against suits, claims and demands by third persons arising out of the construction, installation, operation, maintenance, or removal of the OCC's circuits, facilities, or equipment connected to the Telephone Company's facilities provided under this tariff including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the OCC's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the OCC to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the facilities provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortious conduct of the OCC, its officers, agents or employees.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Charges and Deposits

- (A) Where the provision of facilities involves an unusual investment, an OCC may be required to make payment in advance of such portion of the estimated cost of the installation or construction as is to be borne by it. The amount of the advance payment will be credited to the OCC's account as applying to the indebtedness of the OCC for the facilities provided.
- (B) The Telephone Company may, in order to safeguard its interests, require an OCC to make a deposit prior to or at any time after the provision of a facility to the OCC to be held by the Telephone Company as a guarantee of the payment of charges. Such deposit may not exceed the charges for the facility for a two month period plus the amount of any termination charges attributable to the facility. The fact that a deposit has been made in no way relieves the OCC from complying with the Telephone Company's regulations as to advance payments or the prompt payment of bills. At such time as the provision of the facilities to the OCC is terminated, the amount of the deposit will be credited to the OCC's account and any credit balance which may remain will be refunded. At the option of the Telephone Company, such a deposit may be refunded or credited to the OCC at any time prior to the termination of the provision of the facilities to the OCC. In case of a cash deposit, simple interest at the rate of 5% shall be paid for the period during which the deposit is held by the Telephone Company.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Charges and Deposits (Cont'd)

- (C) The Telephone shall bill all charges incurred by and credits due to, the OCC under this Tariff attributable to facilities established or discontinued during the preceding billing period and in advance for all facilities to be provided during the ensuing billing period. Such bills are due when rendered. Adjustments for the quantities of facilities established or discontinued in any billing period beyond the minimum period set forth in 2.4.2 following will be prorated to the number of days or major fraction of days based on a 30 day month. The Telephone Company will, upon request, furnish such detailed information as may reasonably be required for verification of any bill.

2.4.2 Minimum Period

The minimum period for which facilities are provided and for which charges are applicable is one month except for:

- (A) facilities provided as set forth in 2.1.4 (D) preceding, and
- (B) facilities provided as set forth in 2.1.5 preceding.

When a facility is discontinued prior to the expiration of the minimum period, charges are applicable for the remaining portion of the minimum period, whether the facility is used or not, and will be based on the rates for the facility in effect at the time of discontinuance.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of Application for Facilities

- (A) Installation or special construction of facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred, including, but not limited to, preliminary engineering, orders to suppliers and other similar items of cost.
- (B) Where the OCC cancels an application for facilities prior to the start of installation or special construction of such facilities, no charges shall apply.
- (C) Where installation of facilities, other than those involving special construction, has been started prior to cancellation, the charges specified in (1) or (2) following, whichever is lower, shall apply.
 - (1) A charge equal to the costs incurred in such installation, less estimated net salvage. Such charge is determined as detailed in (F) following,
 - (2) The charge for the minimum period of facilities ordered by the OCC as set forth in 2.4.2 preceding.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of Application for Facilities (Cont'd)

- (D) Where special construction of facilities has been started prior to the cancellation and to the extent the Telephone Company has another use for the specially constructed facilities, no charge applies.
- (E) Where special construction of facilities has been started prior to the cancellation and to the extent the Telephone Company has no other use for the specially constructed facilities, a charge equal to the costs incurred in the special construction prior to the date of cancellation less estimated net salvage, applies. Such charge is determined as detailed in (F) following.
- (F) Charges applicable as specified in (C) (1) and (E) preceding shall include the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the cost of engineering, labor, supervision, transportation, right-of-way and other associated costs.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Allowance for Interruptions

In case of any interruption to any facility, other than those provided under 2.1.4(D) preceding, allowance for the period of interruption, if not due to the negligence of the OCC or its patron, shall be as follows:

- (A) For facilities within an exchange no credit shall be allowed for an interruption of less than 24 hours. The OCC shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the monthly charge for the facility for each period of 24 hours or major fraction thereof that the interruption continues from the time of notice to the Telephone Company that an interruption has occurred.
- (B)
 - (1) For voice grade, voice grade data, wire pair and control facilities between exchanges, no credit shall be allowed for an interruption of 30 minutes. The OCC shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charge for the facility for each period of 30 minutes or major fraction thereof that the interruption continues from the time of notice to the Telephone Company that an interruption has occurred.
 - (2) For telegraph grade facilities between exchanges, no credit shall be allowed for an interruption of less than 2 hours. The OCC shall be credited for an interruption of 2 hours or more at the rate of 1/720 of the monthly charge for the facility for each hour or major fraction thereof that an interruption continues from the time of notice to the Telephone Company that an interruption has occurred.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Allowance for Interruptions (Cont'd)

No credit for an interruption or a group of interruptions resulting from a common cause shall be made of amounts less than one dollar. When a facility includes more than one communications path, the interruption allowance applies to the path interrupted. A credit allowance is not applicable for any period during which the OCC or its patron fails to afford access to the facilities provided by the Telephone Company for the purpose of investigating and clearing troubles. Interruption allowances for facilities provided under 2.1.4(D) preceding shall be specified on an individual case basis.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.5 Operation and Maintenance

2.5.1 Maintenance of Facilities

The facilities provided under this Tariff shall be maintained by the Telephone Company. The OCC or others may not rearrange, move, disconnect, remove or attempt to repair any equipment or facilities provided by the Telephone Company except with the written consent of the Telephone Company. The OCC shall maintain all apparatus and equipment provided by it. The Telephone Company shall not be responsible to patrons of the OCC for the end-to-end service of which the facilities provided under this Tariff are part.

2.5.2 Availability for Testing

The facilities provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the facilities in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.5.3 Balance

All signals for transmission over the facilities provided under this tariff shall be delivered by the OCC balanced to ground except for loop and duplex (DX) type signaling and dc telegraph transmission at speeds of 75 baud or less.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.5 Operation and Maintenance (Cont'd)

2.5.4 Limitation of Use of Wire Pair Facilities

Except for loop and duplex (DX) type signaling, wire pair facilities shall not be used for ground return or split pair operation after October 31, 1981. Signals applied to the wire pair facility shall be voice or sub-voice in nature and shall conform to the limitations set forth in 2.7.1(B) following. In the case of application of dc telegraph signaling systems, the OCC shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

2.5.5 Interference or Impairment

- (A) the characteristics and methods of operation of any circuits, facilities or equipment provided by others than the Telephone Company and associated with the facilities provided under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.
- (B) If such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the OCC that temporary discontinuance of the use of a facility may be required, however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a facility if such action is reasonable in the circumstances. In case of such temporary discontinuance the OCC will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of discontinuance allowance for interruption of facilities as set forth in 2.4.4 preceding is not applicable.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.6 Definitions

Certain terms used in this Tariff are defined as follows:

Central Office

The term "Central Office" denotes a local Telephone Company operating unit by means of which a telephonic communication is furnished for customers within a specified area.

Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company or Telephone Company stations.

Exchange

The term "Exchange" denotes a unit established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated plant used in furnishing communications service within that area.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status and charge signals), address signaling (e.g. dialing), calling and called number identifications, and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of switching machines in the telecommunications system.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.6 Definitions (Cont'd)

OCC Terminal Location

The term "OCC Terminal Location" denotes a location from which the OCC furnishes and administers common carrier communications services to its patron(s) and at which the OCC has the capability of testing the facilities operated or terminated at the location.

Other Common Carrier (OCC)

The term "Other Common Carrier" denotes Common Carriers engaged in providing such private line voice, data or other services as such carriers may be authorized to provide.

Other Telephone Company

The term "Other Telephone Company" denotes a company engaged in the business of furnishing public switched network telephone service and which is not a Bell System operating company.

Patron

The term "Patron" denotes a subscriber to the services of an Other Common Carrier including authorized or joint users of those services.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems

Telephone Company facilities provided under this tariff and used in OCC furnished communications services may be connected to other than Telephone Company provided terminal equipment or communications systems provided that the regulations in (A) through (D) following are met.

- (A) When such OCC services using Telephone Company voice grade or voice grade data facilities are terminated in other than Telephone Company provided terminal equipment, channel derivations devices or communications systems, the OCC shall insure compliance with the minimum protective criteria set forth in (1) through (5) following:
 - (1) Since the facilities provided under this Tariff are used in common with Telephone Company services it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company lines be limited. A single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the other than Telephone Company provided equipment at the point of termination will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network;

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(A) (Cont'd)

(2) To protect Telephone Company services from interference at frequencies which are above the band of facilities provided, the Telephone Company will specify the acceptable signal power in the following bands which may be applied by the other than Telephone Company provided equipment or communications system at the point of termination to insure that the input to the Telephone Company facilities shall not exceed the limits set forth below:

- The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18 db below the power of the signal as specified in (A)(1) preceding.
- The power in the band from 4,000 Hertz to 10,000 Hertz shall not exceed 16 db below one milliwatt.
- The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24 db below one milliwatt.
- The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36 db below one milliwatt.
- The power in the band above 40,000 Hertz shall not exceed 50 db below one milliwatt.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(A) (Cont'd)

- (3) Where there is connection of OCC service by means of other than Telephone Company provided terminal equipment or communications system, to a message telecommunications service or a WATS service*, to prevent the interruption or disconnection of a call or interference with network control signaling it is necessary that the signal applied by the other than Telephone Company provided equipment to the interface at no time have energy solely in the 2450 to 2750 Hertz band and when signal power is present in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band. (N)
- (4) Where such other than Telephone Company provided equipment or communications system applies signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the interface shall not exceed the limits indicated in (a) through (d) following:
 - (a) The maximum root-mean-square (rms) value, including dc and ac components, of the current per conductor will not exceed 0.15 ampere.
 - (b) The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.
 - (c) The conductor to conductor voltage shall be such that the conductor to ground voltage limit in (b) preceding is not exceeded. If the signal source is not grounded, the voltage limit in (b) preceding applies to the conductor to conductor voltage.

* WATS Service is no longer available. Moves, additions or changes to subscribers existing service will not be permitted. (N)
(N)

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(A) (Cont'd)

(4) (Cont'd)

- (d) The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

<u>for frequencies between</u>	<u>weighting factor</u>
50 Hertz and 100 Hertz	$f^2/10^4$
100 Hertz and 300 Hertz	$f^{3.3}/10^{6.6}$

where f is the numerical value of the frequency, in Hertz, of the frequency component being weighted.

- (5) Where the signal applied by the OCC service will have energy solely in the 2675 to 2750 Hertz band, the OCC shall coordinate the application of such signal with the Telephone Company.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(B) When such OCC services, using Telephone Company wire pair facilities are terminated in other than Telephone Company provided terminal equipment, channel derivation devices, or communications systems, the OCC shall insure compliance with the minimum protective criteria set forth in (1) through (3) following:

- (1) except for the application of neutral loop dc telegraph signaling systems,
 - (a) the maximum root-mean-square (rms) value, including dc and ac components of the current per conductor will not exceed 0.15 ampere,
 - (b) the magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts,
 - (c) the conductor to conductor voltage shall be such that the conductor to ground voltage limit in (b) preceding is not exceeded. If the signal source is not grounded, the voltage limit in (b) preceding applies to the conductor to conductor voltage,

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(B) (Cont'd)

(1) (Cont'd)

- (d) The total weighted rms voltage within the band from 10 Hertz to 10,000 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

<u>for frequencies between</u>	<u>weighting factor</u>
10 Hertz and 1000 Hertz	$f^2/10^4$
100 Hertz and 10,000 Hertz	$f^{3.3}/10^{6.6}$

where f is the numerical value of the frequency, in Hertz, of the frequency component being weighted.

- (e) The total voltage within the frequency band from 10,000 Hertz to 25,000 Hertz shall not exceed 0.05 volts rms,
- (f) the total voltage within the frequency band from 25,000 Hertz to 40,000 Hertz shall not exceed 0.012 volts rms,
- (g) the total voltage within the frequency band above 40,000 Hertz shall not exceed 0.0025 volts, rms,

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

(B) (Cont'd)

(1) (Cont'd)

(h) the foregoing signal level restrictions are based upon multiple disturbers being present in a given cable. When several metallic circuits employing pulse-type transmission are keyed simultaneously the signal limits stipulated in (d) through (g) preceding must be reduced by multiplying the voltage signal limits by a factor of $1/N$ where N is the expected number of transitions occurring simultaneously.

(2) for the application of neutral loop dc telegraph signaling systems,

(a) the maximum line signaling rate shall not exceed 75 baud,

(b) the maximum current shall not exceed 65 milliampere,

(c) the maximum voltage shall not exceed ± 135 volts conductor to ground or 270 volts conductor to conductor centered to ground,

(3) where the signal applied by the OCC service will have energy solely in the 2675 to 2750 Hertz band, the OCC shall coordinate the application of such signal with the Telephone Company.

FACILITIES FOR OTHER COMMON CARRIERS

2. Regulations (Cont'd)

2.7 Connections (Cont'd)

2.7.1 Connection to Other Than Telephone Company Provided Terminal Equipment or Communications Systems (Cont'd)

- (C) In case of connection to other than Telephone Company or OCC provided terminal equipment or communications systems, the OCC shall insure compliance with (A) and (B) preceding by filing tariff provisions setting forth such minimum protective criteria prior to furnishing service utilizing the facilities provided under this tariff.
- (D) The OCC shall also employ any physical protective measures and operating procedures equivalent to those utilized by the Telephone Company in the furnishing of its services to its customers pertaining to connection of customer provided terminal equipment or communications systems to the services of the Telephone Company. In the event that the Telephone Company and the OCC disagree on the necessity for employment by the OCC of physical protective measures in the connection of patron provided terminal equipment or communications systems to any facilities provided under this tariff, the Telephone Company will save the OCC harmless against any claims by its patrons arising from the employment of such measures as are required by the Telephone Company.

2.7.2 Connection to Telephone Company Services

The OCC's end-to-end services, of which the facilities provided under this tariff are a part, may be connected to the Telephone Company's services pursuant to the terms and conditions of the Telephone Company's service tariffs applicable to such connections.

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities

3.1 Voice Grade Facilities**

(T)

A voice grade facility is a communications path between two points comprised of any form or configuration of physical plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hertz and as more particularly described in 3.1.1 and 3.1.2 following.

3.1.1 Effective Two Wire

An effective two wire voice grade facility is a two point facility consisting of a single electrical path capable of accommodating voice grade transmission in both directions, but not simultaneously, and which is two wire at the points of termination and having the following characteristics:

- (A) The calculated 1000 Hz insertion loss between 600 ohm terminations will be within the range of 0 to 10 db.
- (B) The loss deviation with frequency (from a 1000 Hz reference) shall not exceed -3 db to +12 db* between 300 and 3000 Hz, -2 db to +8 db between 500 and 2500 Hz.
- (C) The envelope delay distortion shall not exceed a maximum difference of 1750 microseconds between 800 and 2600 Hz.

* "+" means more loss and "-" means less loss than at 1000 Hz.

** Effective January 15, 2020, Voice Grade Facilities is no longer available. Moves, additions or changes to subscribers existing services will not be permitted.

(T)
(T)

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities (Cont'd)

3.1 Voice Grade Facilities *(Cont'd)

(T)

3.1.2 Effective Four Wire

An effective four wire voice grade facility is a two point facility consisting of two separate one-way electrical paths each capable of accommodating voice grade transmission (one for each direction) and which is four wire at the points of termination and having the following characteristics:

- (A) The calculated 1000 Hz insertion loss between 600 ohm terminations will be within the range of 0 to 16 db.
- (B) The loss deviation with frequency (from a 1000 Hz reference) shall not exceed -3 db to +12 db between 300 and 3000 Hz, -2 db to +8 db between 500 and 2500 Hz.
- (C) The envelope delay distortion shall not exceed a maximum difference of 1750 microseconds between 800 to 2600 Hz.

* Effective January 15, 2020, Voice Grade Facilities is no longer available. Moves, additions or changes to subscribers existing services will not be permitted.

(T)

(T)

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities (Cont'd)

3.1 Voice Grade Facilities* (Cont'd)

(T)

3.1.3 Conditioning

Voice grade and voice grade data, facilities have one of the following sets of characteristics when conditioned. These characteristics are not represented to apply to the entire service furnished by the OCC to its patron, but only to the facilities provided under this tariff when not connected to the facilities of the OCC or equipment of its patron.

Type C1

- A. the loss deviation with frequency (from 1000 Hz reference) shall not exceed -1 db to +3 db between 1000 and 2400 Hz, -2 db to +6 db between 300 and 2700 Hz.
- B. the envelope delay distortion shall not exceed a maximum difference of 1000 microseconds between 1000 and 2400 Hz.

Type C2

- A. the loss deviation with frequency (from 1000 Hz reference) shall not exceed 1 db to +3 db between 500 and 2800 Hz, -2 db to +6 db between 300 and 3000 Hz.
- B. the envelope delay distortion shall not exceed a maximum difference of 500 microseconds between 1000 and 2600 Hz, a maximum difference of 1500 microseconds between 600 and 2600 Hz, a maximum difference of 3000 microseconds between 500 and 2800 Hz.

* Effective January 15, 2020, Voice Grade Facilities is no longer available. Moves, additions or changes to subscribers existing services will not be permitted.

(T)
(T)

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities (Cont'd)

3.1 Voice Grade Facilities* (Cont'd)

(T)

3.1.3 Conditioning (Cont'd)

Type C4

- A. the loss deviation with frequency (from 1000 Hz reference) shall not exceed -2 db to +3 db between 500 and 3000 Hz, -2 db to +6 db between 300 and 3200 Hz.
- B. the envelope delay distortion shall not exceed a maximum difference of 300 microseconds between 1000 and 2600 Hz, a maximum difference of 500 microseconds between 800 and 2800 Hz, a maximum difference of 1500 microseconds between 600 and 3000 Hz, a maximum difference of 3000 microseconds between 500 and 3000 Hz.

* Effective January 15, 2020, Voice Grade Facilities is no longer available. Moves, additions or changes to subscribers existing services will not be permitted.

(T)
(T)

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities (Cont'd)

3.2 Voice Grade Data Facilities*

A voice grade data facility is a facility of approximate bandwidth of 300 to 3000 Hz suitable for data transmission, remote metering, supervisory control and miscellaneous signaling purposes. Technical characteristics of these facilities will be the same as specified in 3.1.1 and 3.1.2 preceding.

3.2.1. Conditioning

Voice grade* data or voice grade data station connecting facilities have the following characteristics when D1 conditioned. These characteristics are not represented to apply to the entire service furnished by the OCC to its patron, but only to the facilities provided under this tariff when not connected to the facilities of the OCC or equipment of its patron.

Type D1

- A. the signal to C-notched noise ratio shall be 28 db or greater.
- B. the nonlinear signal to second order distortion shall be 35 db or greater and the nonlinear signal to third order distortion shall be 40 db or greater.

3.3 Wire Pair Facilities*

A wire pair facility is a two point facility consisting of two metallic conductors which is capable of accommodating direct current transmission. The dc resistance of a wire pair facility will depend upon the length and gauge of the available Telephone Company plant.

3.4 Control Facilities*

A control facility is a communications path between two points comprised of any form or configuration of physical plant capable of transmitting a control signal from a contact closure.

* Effective January 15, 2020, Voice Grade Data Facilities, Wire Pair Facilities and Control Facilities are no longer available. Moves, additions or changes to subscribers existing services will not be permitted. (T)

FACILITIES FOR OTHER COMMON CARRIERS

3. Description of Facilities (Cont'd)

3.5 Telegraph Grade Facilities*

A telegraph grade facility is a communications path comprised of metallic conductors or a combination of metallic conductors and multiplexing equipment which is capable of transmitting direct current, two state ("mark-space", "binary") signals which will accept and deliver such signals at the facility terminations, and which is appropriate for teletypewriter and dc telegraph operation up to 75 baud.

4. Rates and Charges

Certain terms used in this section are defined as follows:

Local Facilities are:

- a. Local pairs in block cable.
- b. Direct wire runs or local cable pairs on the subscriber's poles, or in the subscriber's conduits or in passageways when such poles, conduits or passageways are on the subscriber's property or rights-of-way including street crossings for which the subscriber has a permit.
- c. Direct wire runs or local cable pairs on Telephone Company poles within the following limits:
 - (1) Within the block and along either side of the adjoining streets.
 - (2) Between two adjacent blocks including blocks diagonally across street intersections.
 - (3) Where blocks are not established, 1/10 miles or less of general distributing poles with any number of other poles.

Short Haul Lines are lines using general distributing plant between:

- a. Points in the same exchange.
- b. Points in two adjacent exchanges.

* Effective January 15, 2020, Telegraph Grade Facilities is no longer available. Moves, additions or changes to subscribers existing service will not be permitted.

(T)

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

Certain terms used in this section are defined as follows: (Cont'd)

Short Haul Lines are lines using general distributing plant between: (Cont'd)

- c. Points in three or more adjacent exchanges where the total airline distance between the rate centers of the exchanges is 12 miles or less.
- d. Points in non-adjacent exchanges where the airline distance between the rate centers of the exchanges is 12 miles or less.

Long Haul Lines area those between:

- a. Points in non-adjacent exchanges where the airline distance between the rate centers of the exchanges is over 12 miles.
- b. Points in three or more adjacent exchanges where the total airline distance between the rate centers of the exchanges is over 12 miles.

For the purpose of this section the following regulation will apply:

The Telephone Company determines the type of plant to be used.

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.1 Voice Grade Facilities

- (A) The rates and charges for voice grade facilities using local facilities and short haul lines are those in effect from time to time, for Schedule 2 facilities, specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 7, Paragraphs D.2.a., D.2.b. and D.2.c. Connection charges are those in effect from time to time for leased channels, specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 14, Paragraph A.2.d. Move charges are those in effect from time to time for leased channels specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 15, Paragraph B.3.m.
- (B) The rates and charges for voice grade facilities using long haul lines are those in effect from time to time, for Schedule 2 facilities, specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 7, Paragraph D.3. Connection charges and move charges are those in effect from time to time for local channels specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 14, Paragraph A.2.e.
- (C) The rates and charges for C type conditioning are those in effect from time to time for types C1, C2 and C4 conditioning specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 12, Paragraph C.8.b.(6).

4.2 Voice Grade Data Facilities

- (A) The rates and charges for voice grade data facilities using local facilities and short haul lines are as specified in 4.1(A) preceding.
- (B) The rates and charges for voice grade data facilities using long haul lines are as specified in 4.1.(B) preceding.
- (C) The rates and charges for D1 conditioning are those in effect from time to time for type D1 conditioning specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 12, Paragraph C.8.b.(6).

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.3 Wire Pair Facilities

The rates and charges for wire pair facilities are as specified in 4.1(A) preceding.

4.4 Specialized Facilities

For specialized facilities, rates and charges based on cost apply.

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.5 Special Construction

(A) Basis for Rates and Charges

Rates and charges for special construction will be based on the costs incurred by the Telephone Company and may include

- (1) nonrecurring type charges, (2) recurring type charges, (3) terminating liabilities, (4) underutilization liabilities or (5) combinations thereof.

(B) Basis for Cost Computation

The cost referred to in (A) preceding may include one or more of the following items to the extent that they are applicable:

- (1) cost installed of the facilities to be provided including estimated cost for the rearrangements of existing facilities. Cost installed includes the cost of:
 - (a) equipment and materials provided or used,
 - (b) engineering, labor and supervision,
 - (c) transportation and
 - (d) rights of way.
- (2) cost of maintenance.
- (3) depreciation on the estimated cost installed of any facilities provided, based on the anticipated useful service life of the facilities with an appropriate allowance for the estimated net salvage,
- (4) administration, taxes and uncollectable revenue on the basis of reasonable average costs for these items,
- (5) license preparation, processing and related fees,
- (6) tariff preparation, processing and related fees,
- (7) any other identifiable costs related to the facilities provided or
- (8) an amount for return and contingencies.

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.5 Special Construction (Cont'd)

(C) Termination Liability

To the extent that there is no other requirement for use by the Telephone Company, a termination liability may apply for facilities specially constructed at the request of the OCC to meet its requirements to furnish services to its patrons.

- (1) The termination liability period is the estimated service life of the facilities provided.
- (2) The amount of the maximum termination liability is equal to the estimated amounts for:
 - (a) cost installed of the facilities provided including estimate costs for rearrangements of existing facilities and/or construction of new facilities as appropriate, less net salvage. Cost installed includes the cost of:
 - (i) equipment and materials provided or used,
 - (ii) engineering, labor and supervision,
 - (iii) transportation and
 - (iv) rights of way.
 - (b) license preparation, processing, and related fees,
 - (c) tariff preparation, processing and related fees, and
 - (d) any other identifiable costs related to the specially constructed or rearranged facilities.

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.5 Special Construction (Cont'd)

(C) (Cont'd)

- (3) The applicable termination liability charge is based on the normal method for calculating the unpaid balance of a term obligation. The amount of such charge is obtained by multiplying the sum of the amounts determined as set forth in (2) preceding by a factor related to the unexpired period of liability and the discount rate for return and contingencies. The amount determined in (2)(a) preceding shall be adjusted to reflect the redetermined estimated net salvage, including any reuse of the facilities provided. This product is adjusted to reflect applicable taxes.

(D) Underutilization Liability

To the extent that there is no other requirement for use by the Telephone Company, a charge may apply after an initially agreed upon period and annually thereafter for voice grade type facilities or a portion thereof specifically constructed to meet the forecasted needs of the OCC between an OCC terminal location and the central office which serves that location where the OCC utilizes such facilities in an amount less than 70% of its forecasted requirements.

(E) Ownership of Facilities

Title of all facilities provided in accordance with this tariff remains in the Telephone Company.

(F) Special Construction Rates and Charges

For special construction of facilities, rates and charges based on cost apply.

FACILITIES FOR OTHER COMMON CARRIERS

4. Rates and Charges (Cont'd)

4.6 Control Facilities

The rates and charges for control facilities are the same as the rates and charges for voice grade facilities specified in 4.1 preceding.

4.7 Telegraph Grade Facilities

The rates and charges for telegraph grade facilities are as specified in 4.1(A) preceding.

FACILITIES FOR OTHER COMMON CARRIERS

5. Additional Engineering and Labor and Trouble Reporting

5.1 Description of Additional Engineering and Labor and Trouble Reporting

5.1.1 Additional Engineering

Additional engineering is that engineering or engineering consultation requested by the OCC as described in (A) through (D) following. The Telephone Company will notify the OCC that additional engineering charges as specified in 5.2.1 following will apply before any additional engineering is undertaken.

(A) Design Change or Cancellation

A design change or cancellation is a change or cancellation requested by the OCC, after receipt of the Telephone Company's design.

(B) Engineering Consultation

Engineering consultation is the obtaining of technical advice from the Telephone Company by the OCC not in connection with a specific order, and situations in which the OCC requests the Telephone Company to provide information or to perform a function which will entail additional engineering by the Telephone Company. This does not include inquiries of a short duration where no significant engineering time is required or inquiries associated with OCC facility forecasts.

(C) Expedited Engineering

Expedited engineering time required to meet an OCC request for a less than normal engineering design interval.

(D) Engineering of Connections with Other Telephone Companies

Engineering of connections with other telephone companies is the engineering activity of contacting, coordinating and designing with another telephone company, portions of facilities which connect to facilities provided by another telephone company.

FACILITIES FOR OTHER COMMON CARRIERS

5. Additional Engineering and Labor and Trouble Reporting (Cont'd)

5.1 Description of Additional Engineering and Labor and Trouble Reporting (Cont'd)

5.1.2 Additional Labor

Additional labor is that labor requested by the OCC on a given facility as described in (A) through (F) following. The Telephone Company will notify the OCC that additional labor charges as specified in 5.2.2 following will apply before any additional labor is undertaken.

(A) Overtime Installation

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

(B) Additional Installation Testing

Additional installation testing is that testing performed by the Telephone Company at the time of installation which is in addition to normal preservice acceptance testing.

(C) Overtime Repair

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

(D) Stand By

Stand by includes all time in excess of one-half (1/2) hours during which Telephone Company personnel stand by to make coordinated tests on a given facility.

FACILITIES FOR OTHER COMMON CARRIERS

5. Additional Engineering and Labor and Trouble Reporting (Cont'd)

5.1 Description of Additional Engineering and Labor and Trouble Reporting (Cont'd)

5.1.2 Additional Labor (Cont'd)

(E) Testing and Maintenance with Other Telephone Companies

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

(F) Other Labor

As agreed by the Telephone Company and the OCC, additional labor not included in (A) through (E) preceding may be undertaken.

5.1.3 Maintenance of Facilities Charge

The OCC shall be responsible for payment of a maintenance of facilities charge for visits by the Telephone Company to the OCC terminal location, the premises of patrons of the OCC or the point of connection with a facility provided by an other telephone company, (A) where the trouble report results from equipment or communications systems provided by other than the Telephone Company or the OCC, in which event no credit will be allowed for interruptions involved, or, (B) in the event the trouble is not found to be in the Telephone Company's facilities and the OCC has specifically requested a dispatch of Telephone Company personnel.

FACILITIES FOR OTHER COMMON CARRIERS

5. Additional Engineering and Labor and Trouble Reporting

5.2 Rates for Additional Engineering and Labor and Trouble Reporting

5.2.1 Additional Engineering

For the following additional engineering, rates based on cost apply:

Each engineering design change or cancellation.

Engineering consultation and expedited engineering and engineering of connections with other telephone companies.

5.2.2 Additional Labor

For the following additional labor, rates based on cost apply:

(A) Overtime installation or repair

(B) Additional installation, testing, stand by, testing and maintenance with other telephone companies or other labor

5.2.3 Maintenance of Facilities

The maintenance of facilities charge is as follows:

Charge for visits per 5.1.3(A) preceding, per occurrence, is that in effect from time to time for the Maintenance Service Charge specified in the General Exchange Tariff, State of Connecticut No. 2--Telephone, Section 15, Paragraph G.

For visits per 5.1.3(B) preceding, charges based on cost apply.

FACILITIES FOR OTHER COMMON CARRIERS

6. Special Routing of Facilities

6.1 Description of Special Routing of Facilities

The facilities provided under this tariff are provided over such routes as the Telephone Company may elect.

Special routing is involved, where, in order to comply with requirements specified by the OCC, the Telephone Company provides the facility in a manner which includes one or both of the following conditions:

- (A) Where two or more interexchange facilities must be provided over not more than two different physical routes.
- (B) Where an interexchange facility must be provided on a route which avoids specified geographical locations.

Special routing of interexchange facilities is available only on facilities offered in 2.1.4(A), (B) and (F) preceding.

6.2 Rates for Special Routing of Facilities

When special routing of interexchange facilities is provided to an OCC, the rates are as specified below. These rates are in addition to all other charges which may be applicable in accordance with this tariff.

The rates for special routing of interexchange facilities are as follows:

- For each interexchange facility provided in accordance with paragraph 6.1(A) preceding, rates based on cost apply.
- For each interexchange facility provided in accordance with paragraph 6.1(B) preceding, rates based on cost apply.
- For each interexchange facility provided in accordance with paragraphs 6.1(A) and 6.1(B) preceding, combined, rates based on cost apply.