

LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services

Subsection 5.1 addresses Additional Engineering; 5.2 addresses Additional Labor (which is comprised of Overtime Installation, Overtime Repair, Standby, Testing and maintenance with Other Telephone Companies, and Other Labor); and 5.3 addresses Miscellaneous Services (which are comprised of Testing Services, Maintenance of Service and Telecommunications Service Restoration Priority).

In this section normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours.

A Miscellaneous Service Order Charge as described in 5.3 preceding may be applicable to services ordered from this section.

5.1 Additional Engineering

Additional Engineering, including engineering reviews as set forth will be undertaken only after the Company has notified the Customer that additional engineering charges apply as set forth in 6.2.2 following, and the Customer agrees to such charges.

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 4.1.5 preceding.
- (B) A Customer requested Design Change requires the expenditure of Additional Engineering time. Such additional engineering time is incurred by the Company for the engineering review as set forth in 3.4.3 preceding. The charge for additional engineering time relating to the engineering review, which is undertaken to determine if a design change is indeed required, will apply whether or not the Customer authorizes the Company to proceed with the Design Change. In this case the Design Change charge as set forth in 6.2.1(C) following, does not apply unless the Customer authorizes the Company to proceed with the Design Change.

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Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

5.2 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 5.2.1 through 5.2.5 following. The Company will notify the Customer that Additional Labor charges as set forth in 6.2.3 following will apply before any additional labor is undertaken. 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. When provisioning or restoring Telecommunications Service Priority service, the Company will, when possible, notify the customer of the applicability of these Additional Labor charges.

5.2.1 Overtime Installation

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

5.2.2 Overtime Repair

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

5.2.3 Standby

Standby 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 repair on a given service.

5.2.4 Testing and Maintenance with Other Telephone Companies

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

5.2.5 Other Labor

Other labor is that additional labor not included in 5.2.1 through 5.2.4 preceding and labor incurred to accommodate a specific Customer request that involves only labor which is not covered by any other section of this tariff.

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LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

5.3 Miscellaneous Services

5.3.1 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 6.2.3 and 6.2.4 following. 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. Other testing services, as described in preceding, are provided by the Company in association with LTTS and are furnished at no additional charge.

Testing Services are normally provided by Company personnel at Company locations; however, provisions are made in (A)(3) following for a Customer to request Company personnel to perform Testing Services at the Customer designated premises.

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

(A) LTTS

Testing Services for LTTS are comprised of (a) tests which are performed during the installation of a LTTS, (i.e., Acceptance Tests), (b) tests which are performed after Customer acceptance of such LTTS by a Customer which are without charge (i.e., routine testing) and (c) additional tests which are performed during or after Customer acceptance of such LTTS and for which additional charges apply, (i.e., Additional Cooperative Acceptance Tests and in-service tests).

Routine tests are those tests performed by the Company on a regular basis, as set forth in 4.2.4 preceding which are required to maintain LTTS. Additional in-service tests may be done on an automatic basis (no Company or Customer technicians involved), on a manual basis [Company technician(s) involved at Company office(s) and Company or Customer technician(s) involved at the Customer designated premises].

Testing services are ordered to the end office LTTS.

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LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

5.3 Miscellaneous Services (Cont'd)

5.3.1 Testing Services (Cont'd)

(A) LTTS (Cont'd)

(1) Additional Cooperative Acceptance Testing (ACAT)

Additional Cooperative Acceptance Testing of Switched LTTS involves the Company provision of a technician at its office(s) and the Customer provision of a technician at its premises, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Tests may, for example, consist of the following tests:

- ! Impulse Noise
- ! Phase Jitter
- ! Signal to C-Notched Noise Ratio
- ! Intermodulation (Nonlinear) Distortion
- ! Frequency Shift (Offset)
- ! Envelope Delay Distortion
- ! Dial Pulse Percent Break

(2) Additional Automatic Testing

Additional Automatic Testing (AAT) of LTTS is a service where the Customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. The Customer may order, at additional charges, gain-slope and C-notched noise testing and may order the routine tests (1004 Hz loss, C-Message Noise and Balance) on an as-needed or more than routine schedule.

The Company will provide an AAT report that lists the test results for each trunk tested. Trunk test failures requiring Customer participation for trouble resolution will be provided to the Customer on an as-occurs basis.

The Additional Tests (i.e., gain slope, C-notched noise, 1004 Hz loss, C-message noise and balance) may be ordered by the Customer at additional charges, 60 days prior to the start of the Customer prescribed schedule. The rates for Additional Tests are as set forth in 6.2.4(B) following.

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LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

5.3 Miscellaneous Services (Cont'd)

5.3.1 Testing Services (Cont'd)

(A) LTTS (Cont'd)

(3) Additional Manual Testing

Additional Manual Testing (AMT) of LTTS, where the Company provides a technician at its office(s) and the Company or Customer provides a technician at the Customer designated premises, with suitable test equipment to perform the required tests, will normally consist of gain-slope and C-notched noise testing. However, the Company will conduct any additional tests which the Customer may request.

The Company will provide an AMT report listing the test results for each trunk tested. Trunk test failures requiring Customer participation for trouble resolution will be provided to the Customer on a per occurrence basis.

The Additional Manual Tests may be ordered by the Customer at additional charges, 60 days prior to the start of the testing schedule as mutually agreed to by the Customer and the Company.

The rates for Additional Manual Testing are as set forth in 6.2.4(C) following.

(4) Obligations of the Customer

- (1) The Customer shall provide the Remote Office Test Line priming data to the Company, as appropriate, to support routine testing as set forth in 4.2.4(B) preceding or AAT as set forth in 5.3.1(A)(2) preceding.
- (2) The Customer shall make the facilities to be tested available to the Company at times mutually agreed upon.

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LOCAL TRANSPORT AND TERMINATION SERVICES

5. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

5.3 Miscellaneous Services (Cont'd)

5.3.2 Maintenance of Service

(A) When a Customer reports a trouble to the Company for clearance and no trouble is found in the Company's facilities, the Customer shall be responsible for payment of a Maintenance of Service charge for the period of time from when Company personnel are dispatched at the request of the Customer, to the Customer's designated premises to when the work is completed. Failure of Company personnel to find trouble in Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

(B) The Customer shall be responsible for payment of a Maintenance of Service charge when the Company dispatches personnel to the Customer designated premises, and the trouble is in equipment or communications systems provided by other than the Company or in detariffed CPE provided by the Company.

In either (A) or (B) preceding, no credit allowance will be applicable for the interruption involved if the Maintenance of Service Charge applies.

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