

and provided on diskette, magnetic tape, or in a format suitable for use with desktop computers.

6.1.1.11.3 MCI shall be solely responsible for providing MCI database records to ILEC for inclusion in ILEC's ALI database on a timely basis.

6.1.1.11.4 ILEC and MCI shall arrange for the automated input and periodic updating of the E911 database information related to MCI end users. ILEC shall work cooperatively with MCI to ensure the accuracy of the data transfer by verifying it against the Master Street Address Guide (MSAG). ILEC shall accept electronically transmitted files or magnetic tape that conform to National Emergency Number Association (NENA) Version #2 format.

6.1.1.11.5 MCI shall assign an E911 database coordinator charged with the responsibility of forwarding MCI end user ALI record information to ILEC or via a third-party entity, charged with the responsibility of ALI record transfer. MCI assumes all responsibility for the accuracy of the data that MCI provides to ILEC.

6.1.1.11.6 MCI shall provide information on new subscribers to ILEC within one (1) business day of the order completion. ILEC shall update the database within two (2) business days of receiving the data from MCI. If ILEC detects an error in the MCI provided data, the data shall be returned to MCI within two (2) business days from when it was provided to ILEC. MCI shall respond to requests from ILEC to make corrections to database record errors by uploading corrected records within two (2) business days. Manual entry shall be allowed only in the event that the system is not functioning properly.

6.1.1.11.7 ILEC agrees to treat all data on MCI subscribers provided under this agreement as strictly confidential and to use data on MCI subscribers only for the purpose of providing E911 services.

6.1.1.11.8 ILEC shall adopt use of a Carrier Code (NENA standard five-character field) on all ALI records received from MCI. The Carrier Code will be used to identify the carrier of record in INP configurations. The NENA Carrier Code for MCI is "MCI".

6.1.1.11.9 ILEC shall identify which ALI databases cover which states, counties or parts thereof, and identify and communicate a Point of Contact for each.

6.1.1.12 The following are basic 911 and E911 Network Requirements:

6.1.1.12.1 ILEC, at MCI's option, shall provide a minimum of two (2) E911 trunks per Numbering Plan Area (NPA) code, or that quantity which will maintain P.01 transmission grade of service, whichever is the higher grade of service. These trunks will be dedicated to routing 911 calls from MCI's switch to a ILEC selective router.

6.1.1.12.2 ILEC shall provide the selective routing of E911 calls received from MCI's switching office. This includes the ability to receive the ANI of MCI's subscriber, selectively route the call to the appropriate PSAP, and forward the subscriber's ANI to the PSAP. ILEC shall provide MCI with the appropriate CLLI codes and specifications regarding the tandem serving area associated addresses and meetpoints in the network.

6.1.1.12.3 Copies of Selective Routing Boundary Maps shall be available to MCI. Each map shows the boundary around the outside of the set of exchange areas served by that selective router. The map provides MCI the information necessary to set up its network to route E911 callers to the correct selective router.

6.1.1.12.4 MCI shall ensure that its switch provides an eight-digit ANI consisting of an information digit and the seven-digit exchange code. MCI shall also ensure that its switch provides the

line number of the calling station. Where applicable, MCI shall send a ten-digit ANI to ILEC.

6.1.1.12.5 Each ALI discrepancy report shall be jointly researched by ILEC and MCI. Corrective action shall be taken immediately by the responsible party.

6.1.1.12.6 The ILEC controlling the 911 network should provide MCI with a detailed written description of, but not limited to, the following information:

6.1.1.12.6.1 Geographic boundaries of the government entities, PSAPs, and exchanges as necessary.

6.1.1.12.6.2 ILECs rate centers/exchanges, where "Rate Center" is defined as a geographically specified area used for determining mileage dependent rates in the Public Switched Telephone Network.

6.1.1.12.6.3 Technical specifications for network interface, Technical specifications for database loading and maintenance.

6.1.1.12.7 ILEC shall identify special routing arrangements to complete overflow.

6.1.1.12.8 ILEC shall begin restoration of E911 and/or E911 trunking facilities immediately upon notification of failure or outage. ILEC must provide priority restoration of trunks or networks outages on the same terms/conditions it provides itself and without the imposition of Telecommunications Service Priority (TSP).

6.1.1.12.9 ILEC shall identify any special operator-assisted calling requirements to support 911.

6.1.1.12.10 Trunking shall be arranged to minimize the likelihood of central office isolation due to cable cuts or other equipment failures. There will be an

alternate means of transmitting a 911 call to a PSAP in the event of failures.

6.1.1.12.11 Circuits shall have interoffice, loop and carrier system diversity when such diversity can be achieved using existing facilities. Circuits will be divided as equally as possible across available carrier systems. Diversity will be maintained or upgraded to utilize the highest level of diversity available in the network.

6.1.1.12.12 Equipment and circuits used for 911 shall be monitored at all times. Monitoring of circuits shall be done to the individual circuit level. Monitoring shall be conducted by ILEC for trunks between the tandem and all associated PSAPs.

6.1.1.12.13 Repair service shall begin immediately upon receipt of a report of a malfunction. Repair service includes testing and diagnostic service from a remote location, dispatch of or in-person visit(s) of personnel. Technicians will be dispatched without delay.

6.1.1.12.14 All 911 trunks must be capable of transmitting and received Baudot code necessary to support the use of Telecommunications Devices for the Deaf (TTY/TDDs).

#### 6.1.1.13 Basic 911 and E911 Additional Requirements

6.1.1.13.1 All MCI<sub>m</sub> lines that have been ported via INP shall reach the correct PSAP when 911 is dialed. ILEC shall send both the ported number and the MCI<sub>m</sub> number (if both are received from MCI<sub>m</sub>). The PSAP attendant shall see both numbers where the PSAP is using a standard ALI display screen and the PSAP extracts both numbers from the data that is sent.

6.1.1.13.2 ILEC shall work with the appropriate government agency to provide MCI<sub>m</sub> the ten-digit POTS number of each PSAP which sub-tends each

ILEC selective router/911 tandem to which MCIIm is interconnected.

6.1.1.13.3 ILEC shall notify MCIIm 48 hours in advance of any scheduled testing or maintenance affecting MCIIm 911 service, and provide notification as soon as possible of any unscheduled outage affecting MCIIm 911 service.

6.1.1.13.4 MCIIm shall be responsible for reporting all errors, defects and malfunctions to ILEC. ILEC shall provide MCIIm with the point of contact for reporting errors, defects, and malfunctions in the service and shall also provide escalation contacts.

6.1.1.13.5 MCIIm may enter into subcontracts with third parties, including MCIIm affiliates, for the performance of any of MCIIm's duties and obligations stated herein.

6.1.1.13.6 ILEC shall provide sufficient planning information regarding anticipated moves to SS7 signaling for the next 12 months.

6.1.1.13.7 ILEC shall provide notification of any pending tandem moves, NPA splits, or scheduled maintenance outages, with enough time to react.

6.1.1.13.8 ILEC shall identify process for handling of "reverse ALI" inquiries by public safety entities.

6.1.1.13.9 ILEC shall establish process for the management of NPA splits by populating the ALI database with the appropriate new NPA codes.

6.1.1.13.10 ILEC must provide the ability for MCIIm to update 911 database with end user information for lines that have been ported via INP or NP.

## **6.1.2 Directory Assistance Service**

6.1.2.1 ILEC shall provide for the routing of directory assistance calls (including but not limited to 411, 555-1212, .

NPA-555-1212) dialed by MCI subscribers directly to either the MCI DA service platform or ILEC DA service platform as specified by MCI.

6.1.2.2 MCI subscribers shall be provided the capability by ILEC to dial the same telephone numbers for access to MCI Directory Assistance that ILEC subscribers to access ILEC Directory Assistance.

6.1.2.3 ILEC shall provide Directory Assistance functions and services to MCI for its subscribers as described below until, at MCI's discretion, ILEC routes calls to the MCI Directory Assistance Services platform.

6.1.2.3.1 ILEC agrees to provide MCI subscribers with the same Directory Assistance service available to ILEC subscribers.

6.1.2.3.2 ILEC shall notify MCI in advance of any changes or enhancements to its DA service, and shall make available such service enhancements on a non-discriminatory basis to MCI.

6.1.2.3.3 ILEC shall provide Directory Assistance to MCI subscribers in accordance with ILEC's internal operating procedures and standards, which shall, at a minimum, comply with accepted professional and industry standards.

6.1.2.3.4 ILEC shall provide MCI with the same level of support for the provisioning of Directory Assistance as ILEC provides itself. Quality of service standards shall be in accordance with standards and performance measurements that are at least equal to the highest level of standards and/or performance measurements that ILEC uses and/or which are required by law, regulatory agency, or by ILEC's own internal procedures, whichever are the most rigorous.

6.1.2.3.5 Service levels shall comply, at a minimum, with State Regulatory Commission requirements for number of rings to answer, average work time, and disaster recovery options.

6.1.2.3.6 ILEC agrees to maintain an adequate operator work force based on a review and analysis of actual call attempts and abandonment rate.

6.1.2.3.7 MCIIm or its designated representatives may inspect any ILEC owned or sub-contracted office, which provides DA services, upon 2 days notice to ILEC.

6.1.2.3.8 Directory Assistance services provided by ILEC to MCIIm subscribers shall be branded as required by MCIIm. Branding includes front-end, back-end, and non-branding to be determined by MCIIm. MCIIm shall have the option of providing its own branding materials.

6.1.2.3.9 ILEC shall provide the following minimum Directory Assistance capabilities to MCIIm's subscribers:

6.1.2.3.9.1 A minimum of two subscriber listings and/or addresses or ILEC parity per MCIIm subscriber request.

6.1.2.3.9.2 Name and address to MCIIm subscribers upon request, except for unlisted numbers, in the same states where such information is provided to ILEC subscribers.

6.1.2.3.9.3 Upon request, call completion to the requested number for local and intraLATA toll calls shall be sent to the network specified by MCIIm. Rating and billing shall be done by MCIIm.

6.1.2.3.9.4 Populate the Directory Assistance database in the same manner and in the same time frame as for ILEC subscribers.

6.1.2.3.9.5 Any information provided by a Directory Assistance Automatic Response Unit (ARU) shall be repeated the same number of times for MCIIm subscribers as for ILEC's subscribers.

6.1.2.3.9.6 When requested by MCI, ILEC shall provide instant credit on directory assistance calls as provided to ILEC subscribers or shall inform MCI subscribers to call an 800 number for MCI customer service to request a credit. ILEC shall provide one 800 number for business subscribers and another for residential subscribers.

6.1.2.4 ILEC shall provide data regarding billable events as requested by MCI.

### **6.1.3 Operator Services**

6.1.3.1 ILEC shall provide for the routing of local operator services calls (including but not limited to 0+, 0-) dialed by MCI subscribers directly to either the MCI operator service platform or ILEC operator service platform as specified by MCI.

6.1.3.2 MCI subscribers shall be provided the capability by ILEC to dial the same telephone numbers to access MCI operator service that ILEC subscribers dial to access ILEC operator service.

6.1.3.3 ILEC shall provide Operator Services to as described below until, at MCI's discretion, ILEC routes calls to the MCI Local Operator Services platform.

6.1.3.3.1 ILEC agrees to provide MCI subscribers the same Operator Services available to ILEC subscribers. ILEC shall make available its service enhancements on a non-discriminatory basis at cost.

6.1.3.3.2 Operator Services provided to MCI subscribers shall be branded as required by MCI. Branding options include front-end, back-end, and non-branding as specified by MCI. MCI has the option of providing its own branding materials.

6.1.3.3.3 ILEC shall provide the following minimum Operator Service capabilities to MCI subscribers:

6.1.3.3.3.1 ILEC shall complete 0+ and 0-dialed local calls.

6.1.3.3.3.2 ILEC shall complete 0+ intraLATA toll calls.

6.1.3.3.3.3 ILEC shall complete calls that are billed to a calling card and MCI shall designate to ILEC the acceptable types of special billing.

6.1.3.3.3.4 ILEC shall complete person-to-person calls.

6.1.3.3.3.5 ILEC shall complete collect calls.

6.1.3.3.3.6 ILEC shall provide the capability for callers to bill to a third party and complete such calls.

6.1.3.3.3.7 ILEC shall complete station-to-station calls.

6.1.3.3.3.8 ILEC shall process emergency calls.

6.1.3.3.3.9 ILEC shall process Busy Line Verify and Emergency Line Interrupt requests.

6.1.3.3.3.10 ILEC shall process emergency call trace.

6.1.3.3.3.11 ILEC shall process operator-assisted directory assistance calls.

6.1.3.3.3.12 ILEC shall provide rate quotes.

6.1.3.3.3.13 ILEC shall process time-and-charges requests.

6.1.3.3.3.14 ILEC shall route 0- traffic directly to a "live" operator team.

6.1.3.3.3.15 When requested by MCI, ILEC shall provide instant credit on operator services calls as provided to ILEC subscribers or shall inform MCI subscribers to call an 800 number for MCI customer service to request a credit. ILEC shall provide one 800 number for business subscribers and another for residential subscribers.

6.1.3.3.3.16 Caller assistance for the disabled in the same manner as provided to ILEC subscribers.

6.1.3.3.3.17 ILEC shall provide operator-assisted conference calling.

6.1.3.4 Operator Service shall provide MCI's local service rates when providing rate quote and time-and-charges services.

6.1.3.5 Operator Service shall adhere to equal access requirements.

6.1.3.6 ILEC shall exercise at least the same level of fraud control in providing Operator Service to MCI that ILEC provides for its own operator service.

6.1.3.7 ILEC shall perform Billed Number Screening when handling Collect, Third Party, and Calling Card Calls, both for station to station and person to person call types.

6.1.3.8 ILEC shall provide service measurements and accounting reports as designated by MCI.

6.1.3.9 MCI or its designated representatives may inspect any ILEC owned or sub-contracted office, which provides Operator Services, upon 2 days notice to ILEC.

6.1.3.10 ILEC shall direct subscriber account and other similar inquiries to the customer service center designated by MCI.

6.1.3.11 ILEC shall provide an electronic feed of customer call records in "EMR" format to MCI in accordance with the time schedule designated by MCI.

6.1.3.12 ILEC shall accept and process overflow 911 traffic routed from MCI to the underlying platform used to provide Operator Service.

6.1.3.13 Busy Line Verification and Emergency Line Interrupt:

6.1.3.13.1 ILEC shall permit MCI to connect its Local Operator Service to ILEC's Busy Line Verification and Emergency Line Interrupt ("BLV/ELI") systems and databases to enable MCI to perform BLV/ELI services.

6.1.3.13.2 ILEC shall engineer its BLV/ELI facilities to accommodate the anticipated volume of BLV/ELI requests during the Busy Hour. MCI may, from time to time, provide its anticipated volume of BLV/ELI requests to ILEC. In those instances when the BLV/ELI systems and databases become unavailable, ILEC shall promptly inform MCI.

6.1.3.14 ILEC shall update the Line Information Data Base (LIDB) for MCI subscribers at cost. If ILEC does not provide such updates, then MCI must have access to LIDB, at no charge, to update it directly. Additionally, ILEC must provide access to LIDB for validation of collect, third party billed, and LEC card billed calls at cost.

6.1.3.15 Where INP is deployed and when a BLV/BLI request for a ported number is directed to an ILEC operator and the query is not successful (i.e., the request yields an abnormal result), the operator shall confirm whether the number has been ported and shall direct the request to the appropriate operator.

6.1.3.16 ILEC shall allow MCI to order provisioning of Telephone Line Number (TLN) calling cards and Billed Number Screening (BNS), in its LIDB, for ported numbers, as specified by MCI. ILEC shall continue to allow MCI access to its LIDB.

#### **6.1.4 Directory Assistance and Listings Service Requests**

**6.1.4.1** These requirements pertain to ILECs DA and Listings Service Request process that enables MCI to (a) submit MCI subscriber information for inclusion in ILEC Directory Assistance and Directory Listings databases; (b) submit MCI subscriber information for inclusion in published directories; and (c) provide MCI subscriber delivery address information to enable ILEC to fulfill directory distribution obligations.

**6.1.4.1.1** ILEC shall accept orders on a real-time basis via electronic interface in accordance with OBF Directory Service Request standards within 3 months of final standard adoption. In the interim, ILEC shall create a standard format and order process by which MCI can place an order via electronic exchange no later than January 1, 1997.

**6.1.4.1.2** ILEC will provide to MCI the following Directory Listing Migration Options, valid under all access methods, including but not limited to, Resale, Unbundled Network Elements and Facilities-Base:

**6.1.4.1.2.1** Migrate with no Changes: Retain all white and yellow page listings for the customer in both DA and DL. Transfer ownership and billing for listings to MCI.

**6.1.4.1.2.2** Migrate with Additions: Retain all white and yellow page listings for the customer in both DA and DL. Incorporate the specified additional listings order. Transfer ownership and billing for the listings to MCI.

**6.1.4.1.2.3** Migrate with Deletions: Retain all white and yellow page listings for the customer in both DA and DL. Delete the specified listings from the listing order. Transfer ownership and billing for the listings to MCI.

6.1.4.1.3 ILEC shall enable MCI to electronically transmit multi-line listing orders.

6.1.4.1.4 ILEC will provide MCI with a summary of completed Directory Service Requests on a daily basis. The summary information will include but is not limited to the following information:

6.1.4.1.4.1 White page listings text and format (name, address, phone, title, designation, extra line information)

6.1.4.1.4.2 Yellow page listing text and format

6.1.4.1.4.3 Yellow page heading code

6.1.4.1.4.4 Listing Instruction codes

6.1.4.1.4.5 Listed book

6.1.4.1.5 ILEC shall enable MCI to electronically transmit multi-line listings orders.

6.1.4.1.6 ILEC shall provide ability for MCI to electronically query the ILEC listing system to view all listings real-time. Ownership of each listing is to be masked.

6.1.4.1.7 To ensure accurate order processing, ILEC shall provide to MCI the following information, with updates within one business day of change and via electronic exchange:

6.1.4.1.7.1 A matrix of NXX to central office

6.1.4.1.7.2 Geographical maps if available of ILEC service area

6.1.4.1.7.3 A description of calling areas covered by each directory, including but not limited to maps of calling areas and matrices depicting calling privileges within and between calling areas

6.1.4.1.7.4 Yellow page heading codes

6.1.4.1.7.5 Directory names and codes

6.1.4.1.7.6 Directory product changes

6.1.4.1.7.7 Listing format rules

6.1.4.1.7.8 Listing alphabetizing rules

6.1.4.1.7.9 Standard abbreviations

acceptable for use in listings and addresses

- 6.1.4.1.7.10 Titles and designations
- 6.1.4.1.7.11 A list of all available directories and their close dates

6.1.4.1.8 Based on changes submitted by MCI, ILEC shall update and maintain directory assistance and directory listings data for MCI subscribers who:

- 6.1.4.1.8.1 Disconnect Service
- 6.1.4.1.8.2 Change carrier
- 6.1.4.1.8.3 Install Service
- 6.1.4.1.8.4 Change any service which affects DA information
- 6.1.4.1.8.5 Specify Non-Solicitation
- 6.1.4.1.8.6 Are Non-Published, Non-Listed, or Listed

6.1.4.1.9 ILEC shall not charge for storage of MCI subscriber information in the DA and DL systems.

6.1.4.1.10 MCI shall not charge for storage of ILEC subscriber information in the DA and DL systems.

### **6.1.5 Directory Listings General Requirements**

6.1.5.1 This Section 6 pertains to Listings requirements published in any media, including but not limited to traditional white/yellow pages, specialty directories, CD ROM, or other printed or electronic formats.

6.1.5.2 ILEC shall include in its master subscriber system database all list information for MCI subscribers.

6.1.5.3 ILEC shall not sell or license, nor allow any third party, the use of MCI subscriber listings without the prior written consent of MCI. Upon consent, MCI shall receive its pro-rata share of any amounts paid by third parties to ILEC for such information. ILEC shall not disclose nor allow any third party to disclose non-listed name or address information for any purpose other than what may be necessary to complete directory distribution.

6.1.5.4 MCI subscriber listings shall be interfiled with listings of ILEC and other CLEC subscribers.

6.1.5.5 Each MCI subscriber account number shall be provided, at no charge, the same white page basic listings that ILEC provides its subscribers. Where an MCI subscriber has two numbers for a line due to the implementation of interim NP, at MCI's option both numbers shall be considered part of the one White Pages basic listing

6.1.5.6 Each MCI business subscriber account number shall be provided, at no charge, the same yellow page basic listings that ILEC provides its subscribers.

6.1.5.7 ILEC shall also publish, or ensure that any third party publishes, all types of listings for MCI subscribers that are available to ILEC subscribers under the same rates, terms, and conditions, including but not limited to:

- 6.1.5.7.1 Foreign listings
- 6.1.5.7.2 Reference listings
- 6.1.5.7.3 Information listings
- 6.1.5.7.4 Alternate call listings
- 6.1.5.7.5 Multi-line listings
- 6.1.5.7.6 Multi-line/Multi-owner listings

6.1.5.8 State, Local, and Federal government listings shall be included in the appropriate section of the directory at no charge.

6.1.5.9 ILEC shall provide and maintain for MCI at least one (1) white page and at least one (1) yellow page (if applicable) listing for each MCI subscriber that has ported its number from ILEC. The listing and handling of listed and non-listed telephone numbers shall be at least at parity with that provided by ILEC to its own subscribers.

6.1.5.10 MCI sales, service, billing, and repair information for business and residential subscribers, along with MCI logo, shall be included in the customer information/guide pages at no charge to MCI.

6.1.5.11 One month prior to the date on which updates to the directory are no longer allowed (the Directory Close date), ILEC shall provide MCIIm a method of reviewing and correcting MCIIm subscriber directory listings.

6.1.5.12 ILEC shall agree, or ensure a third party agrees, to accept and publish directory advertising, from MCIIm subscribers on a non-discriminatory basis and bill subscribers directly for any white or yellow pages advertising. At MCIIm's discretion, MCIIm may sell directory advertising at wholesale rates and bills its subscribers directly.

6.1.5.13 Additional and foreign White Page listing charges should be billed to MCIIm and itemized at the telephone number sub-account level in CABS format.

6.1.5.14 ILEC shall distribute, or ensure a third party shall distribute, appropriate alphabetical and classified directories (white and yellow pages) to MCIIm subscribers at no charge 1) upon establishment of new service; 2) during annual mass distribution; and 3) upon subscriber request.

6.1.5.15 ILEC shall permit, or ensure a third party permits, MCIIm subscribers to place orders for foreign directories on the same terms and conditions such directories are made available to ILEC subscribers.

6.1.5.16 Upon request, and at no charge, ILEC shall provide, or ensure a third party provides, reasonable quantities of directories to cover areas in which MCIIm is an authorized CLEC for MCIIm's internal use.

6.1.5.17 The directory cover shall prominently indicate that MCIIm subscriber listings are included in the directory at no charge.

6.1.5.18 At MCIIm's option, MCIIm subscribers shall receive a directory with a customized cover branded MCIIm.

6.1.5.19 ILEC shall make available current recycling services to MCIIm subscribers.

### 6.1.6 Directory Assistance Data

6.1.6.1 This section refers to the residential, business, and government subscriber records used by ILEC to create and maintain databases for the provision of live or automated operator assisted Directory Assistance. Directory Assistance Data is information that enables telephone exchange carriers to swiftly and accurately respond to requests for directory information, including, but not limited to name, address and phone numbers. Under the provisions of the Act and the FCC's Interconnection order, ILEC shall provide unbundled and non-discriminatory access to the residential, business and government subscriber records used by the ILEC to create and maintain databases for the provision of live or automated operator assisted Directory Assistance. MCIIm may combine this element with any other Network Element for the provision of any Telecommunications Service.

6.1.6.2 ILEC shall provide an initial load of subscriber records via electronic data transfer for ILECs, CLECs and independent Telcos included in their Directory Assistance Database within 14 days of the Effective Date of this Agreement. The NPAs included shall represent the entire ILEC operating region. The initial load shall reflect all data that is current as of one business day prior to the provision date.

6.1.6.3 ILEC shall provide MCIIm a complete list of ILECs, CLECs, and independent Telcos that provided data contained in the database.

6.1.6.4 All directory assistance data shall be provided in the format as specified in "Directory Assistance Data Information Exchanges and Interfaces" below or in Bellcore standard F20 format.

6.1.6.5 On a daily basis, ILEC shall provide updates (end user and mass) to the Listing Information via electronic data transfer. Updates shall be current as of one business day prior to the date provided to MCIIm.

6.1.6.6 ILEC shall provide MCIIm access to DA support databases. For example, MCIIm requires access to Use

Restriction information including but not limited to call completion.

6.1.6.7 DA data shall specify whether the customer is a residential, business, or government subscriber. Additionally, data must include all levels of indentation and all levels of information specified in "Directory Assistance Data Information Exchanges and Interfaces" below.

6.1.6.8 DA data shall be provided on the same terms, conditions, and rates that ILEC provides to itself or other third parties.

6.1.6.9 ILEC shall provide complete refresh of the DA data upon request by MCI.

6.1.6.10 MCI will designate a technically feasible point at which the data will be provided.

## **6.2 Systems Interfaces and Exchanges**

### **6.2.1 Basic 911 and E911 Information Exchanges and Interfaces**

6.2.1.1 ILEC shall provide MCI a data link to the ALI/DMS database or permit MCI to provide its own data link to the ALI/DMS database. ILEC shall provide error reports from the ALI/DMS database to MCI immediately after MCI inputs information into the ALI/DMS database. Alternately, MCI may utilize ILEC or a third party entity to enter subscriber information into the database on a demand basis, and validate subscriber information on a demand basis.

6.2.1.2 ILEC and MCI shall arrange for the automated input and periodic updating of the E911 database information related to MCI end users. ILEC shall work cooperatively with MCI to ensure the accuracy of the data transfer by verifying it against the Master Street Address Guide (MSAG). ILEC shall accept electronically transmitted files or magnetic tape that conform to National Emergency Number Association (NENA) Version #2 format.

6.2.1.3 The ALI database shall be managed by ILEC, but is the property of ILEC and all participating telephone companies. The interface between the E911 Switch or Tandem and the ALI/DMS database for MCI subscriber shall meet industry standards.

## **6.2.2 Directory Assistance Data Information Exchanges and Interfaces**

### **6.2.2.1 Subscriber List Information**

6.2.2.1.1 ILEC shall provide to MCI, within thirty (30) days after the Effective Date of this Agreement, or at MCI's request, all published Subscriber List Information (including such information that resides in ILEC's master subscriber system/accounts master file) via an electronic data transfer medium and in a format which is acceptable to MCI, on the same terms and conditions and at the same rates that the ILEC provides Subscriber List Information to itself or to other third parties. All changes to the Subscriber List Information shall be provided to MCI on the same day as the change occurred through the electronic data transfer medium used to transmit the initial Subscriber List Information. Both the initial List and all subsequent Lists shall indicate for each customer whether the customer is classified as residence or business class of service.

6.2.2.2 This section addresses data format requirements and data inclusion requirements for directory assistance data information exchange between ILEC and MCI. ILEC shall provide MCI the following:

6.2.2.2.1 List of NPA-NXX's relating to the listing records being provided.

6.2.2.2.2 List of Directory Section names and their associated NPA-NXX's.

6.2.2.2.3 List of Community Names expected to be associated with each of the NPA-NXX's for which

listing records shall be provided.

6.2.2.2.4 List of Independent Company names and their associated NPA-NXX's for which their listing data shall be included in ILEC's listing data.

6.2.2.2.5 List of Independent Company names and their associated NPA-NXXs for which their listing data is a part of ILECs directory database, but ILEC is not to provide the listing data to MCI under this request.

6.2.2.2.6 Listing volume totals by directory section, NPA, and state.

6.2.2.2.7 Average daily update volume by directory section, NPA, and state.

6.2.2.2.8 Identify any area wide or universal service numbers which may be listed. Identify the telephone number to be provided to callers outside the servicing area.

6.2.2.2.9 Identify any listing condition(s) unique to ILEC's serving area which may require special handling in data processing in the directory. Indented Listings (Captions) should be identified and delivered handled as specified.

### 6.2.2.3 Considerations Relating to an Indented Listing (Caption) Set Requirements

6.2.2.3.1 Use of line numbers, or other methods, to ensure the integrity of the caption set and identify the sequence or placement of a listing record within the caption set. A sufficient range of numbers between listing records is required to allow for the expansion of the caption set. A method is also required to permit the caption header record to be identified, but each level of indent is not required to be recapped; placement of the indent is based on line number. This method does require stringent edits to ensure the integrity of the caption set.

6.2.2.3.2 Use of guideline or recapped data to identify previously established header and sub-header records for placement of data within the caption set. This permits flexibility to easily expand the caption set. This method also requires that, in addition to the caption header record, each level of indent be recapped in order to properly build the caption set.

6.2.2.3.3 In order to maintain the integrity of caption replacement, with end-of-day cumulative effect, one OUT record must be sent to delete the entire caption set, followed by IN activity each listing record within the caption set.

6.2.2.3.4 MCIIm requires listing instruction codes on the service order which indicate how the set is to appear in the published directory.

6.2.2.4 Data Processing Requirements: ILEC and MCIIm shall mutually agree to standards on the following data processing requirements:

6.2.2.4.1 Identify type of tape to be used in sending the test and initial load data. For example, reel or cartridge tape. Due to the size of an initial load, it would be generally expected to be on tape and the daily update activity via another media, such as NDM.

6.2.2.4.2 Identify tape or dataset label requirements.

6.2.2.4.3 Identify tracking information requirements. For example, use of header and trailer records for tracking date and time, cycle numbers, sending and receiving site codes, volume count for the given tape/dataset. It may also be helpful to have some filler fields for future use.

6.2.2.4.4 Identify dates MCIIm should not expect to receive daily update activity.

6.2.2.4.5 Data should be received in uppercase. An asterisk (\*) should be used advise of the need to apply the reverse capitalization rule. However, if the

provider determines to provide the listing data from a database that has already messaged the data and applied the capitalization rules, the asterisk may be omitted.

6.2.2.4.6 Identify information that shall enable MCIIm to identify listings within an indented list (caption) set. For example:

6.2.2.4.6.1 When a particular listing has been designated to be filed as the first listing for a given level (0-7) of indent - usually out of alpha sequence.

6.2.2.4.6.2 When an alternate call listing (e.g. If no answer) relates to multiple preceding listings of the same level.

6.2.2.4.7 Identify any other pertinent information needed to properly process the data.

#### 6.2.2.4 Listing Types

<b>LISTED</b>	The listing information is available for all directory requirements.
<b>NON-LISTED</b>	The listing information is available to all directory requirements, but the information does not appear in the published street directory.
<b>NON-PUBLISHED</b>	A directory service may confirm, by name and address, the presence of a listing, but the telephone number is not available. MCI may confirm the address, but is not permitted to receive the non-published telephone number. The listing information is not available in either the published directory or directory assistance.

#### 6.2.2.5 Listing Styles

<u>LISTING STYLE</u>	<u>DESCRIPTION</u>
<b>STRAIGHT LINE</b>	All listing information is formatted in a straight line. Data generally consists of Name, Address, Community, and Telephone Number. Additional data may consist of dialing instructions or other general information relating to the listing.
<b>INDENTED LISTING SET - STRAIGHT LINE UNDER (SLU)</b>	Two or more listing records relating to the same listed customer. The first is formatted as a straight line listing with the additional listing(s) indented one degree under the straight line listing.
<b>INDENTED LISTING SET - CAPTION SET</b>	Formatted with one listing header record and multiple indented listing records. See detailed description below.

### INDENTED LISTING (CAPTION) SET

<b>HEADER RECORD</b>	Contains listed name; address and telephone number data fields are blank.
<b>SUB-HEADER RECORD/ LISTING</b>	May contain name data only, or may include address and telephone number data. Associated subordinate records may, or may not be present.
<b>INDENTED NAME LISTING</b>	Contains name data, may or may not have address data, and telephone number data.
<b>INDENTED ADDRESS LISTING</b>	Contains address and telephone number data; the name data text field is blank.
<b>LEVEL OF INDENT</b>	Header record is zero (0), sub-header and indented records range from 1 - 7.

#### 6.2.2.6 Data Field Elements

##### Requirements for Initial Processing and Daily Update Activity

<u>DATA FIELD</u>	<u>DATA ELEMENT</u>	<u>FIELD LENGTH</u>
<b>ACTION CODE</b>	A = Add            I = In D = Delete      or    O = out	Required: 1 alpha character
<b>RECORD NUMBER</b>	Sequentially assigned number to each record for a given process (test, initial load, or update activity). Number assignment begins with 00000001 and is incremented by 1 for each record on the file.	Required: 8 digits
<b>NPA</b>	Area code relating to the directory section the record is to be listed.	Required: 3 digits
<b>COMPANY IDENTIFIER</b>	The 4-character company code as defined in Section 8 of the National Exchange Carrier Association, Inc. Tariff.	Required: 4 digits
<b>DIRECTORY</b>	Name of the directory section	Required: Maximum of 50

SECTION LISTING IDENTIFIER	<p>where the record is to be listed.</p> <p>F = Foreign</p> <p>C = Cross-Reference</p> <p>E = Enterprise (WX number requiring operator assistance to connect the call)</p> <p>W = Wide area or universal service</p>	<p>alpha characters</p> <p>Optional: 1 alpha character</p>
FILE PLACEMENT	<p>B = Business (4)</p> <p>R = Residence (1)</p> <p>G = Government (2)</p> <p>BR = Business &amp; Residence (5)</p> <p>BG = Business &amp; Government (6)</p> <p>BRG = Business, Residence, &amp; Government (7)</p>	<p>Required: Maximum of 3 alpha characters</p>
LISTING TYPE	<p>L = Listed</p> <p>N = Non-Listed</p> <p>NP = Non-Published</p>	<p>Required: Maximum of 2 alpha characters</p>
LISTING STYLE	<p>S = Straight line</p> <p>I = Indented listing set</p> <p>An Indented listing relates to either a caption or Straight Line Under (SLU) set listing.</p>	<p>Required: 1 alpha character</p>
INDENT LEVEL	<p>0 = Non-indented record</p> <p>1 - 8 = Level of indented record</p>	<p>Required: 1 digit</p>
ADDRESS HOUSE NUMBER	<p>For example: 123, A-123, 123-1/2</p>	<p>Optional: Maximum of 20 alphanumeric characters, including hyphen, space, and slash</p>
ADDRESS PRE-DIRECTIONAL	<p>For example: N, S, E, W, NE, SW, NORTH</p>	<p>Optional: Maximum of 5 alpha characters</p>
ADDRESS STREET NAME	<p>For example: Main, Peachtree-Dunwoody, HWY 75 at Exit 30</p>	<p>Optional: Maximum of 100 alpha, alphanumeric characters, including</p>