

Order Request Deadline for Unbundled Network Elements (i.e., FOC/Rejection issuance)	>99.5%
--	--------

2.5.2.2 ILEC shall maintain provisioning service that results in less than 1% of orders resulting in one or more outages within thirty (30) days of installation.

2.5.2.3 ILEC shall maintain provisioning service that results in less than 1% of orders resulting in one or more dispatches within thirty (30) days of installation.

2.5.2.4 ILEC shall maintain provisioning service that results in less than 1% of orders resulting in one or more customer calls within (30) days of installation.

2.5.3 Reporting

2.5.3.1 ILEC shall provide, at a minimum, the following comparative reports to MCI, both for MCI orders and for ILEC orders, presented by State, Area Code, NXX, Product Feature, and issue such reports on a monthly basis with daily informational detail:

2.5.3.1.1 Total number and percent of jeopardies

2.5.3.1.2 Total number and percent of missed appointments

2.5.3.1.3 Total number and percent of missed firm order confirmation dates

2.5.3.1.4 Total number and percent of rejected orders

2.5.3.1.5 Total number and percent of late rejection notifications

2.5.3.2 MCI may, at its discretion, further require additional and/or modified reporting as business needs demand.

Section 3. Connectivity Billing and Recording

This Section 3 describes the requirements for ILEC to bill and record all charges MCI incurs for purchasing services under this agreement.

3.1 Procedures

3.1.1 ILEC shall comply with various industry, OBF, and other standards referred to throughout this Agreement. To satisfy these requirements ILEC shall adhere to MCI's interpretation of all standards referred to in this Agreement.

3.1.2 ILEC shall record and bill in accordance with this Agreement those charges MCI incurs as a result of MCI purchasing from ILEC services, as set forth in this Agreement (hereinafter "Connectivity Charges").

3.1.3 ILEC shall format each bill for Connectivity Charges (hereinafter "Connectivity Bill") in accordance with the CABS or SECAB standard.

3.1.4 Each service purchased by MCI shall be assigned a separate and unique billing code in the form agreed to by the parties and such code shall be provided to MCI on each Connectivity Bill in which charges for such services appear.

3.1.4.1 Each such billing code shall enable MCI to identify the service as ordered by MCI.

3.1.5 Each Connectivity Bill shall set forth the quantity and description of each such service provided and billed to MCI. All Connectivity Charges billed to MCI shall indicate the state from which such charges were incurred.

3.1.6 ILEC shall bill MCI for each service supplied by ILEC to MCI pursuant to this Agreement at the rates forth in this Agreement.

3.1.7 ILEC shall bill MCI for the Connectivity Charges incurred; provided that, for those usage based Connectivity Charges where actual charge information is not determinable by ILEC because the jurisdiction (i.e., interstate, interstate/interLATA, intrastate, intrastate /intraLATA, local) of the traffic is unidentifiable, or for

other reason, the parties shall jointly develop a process to determine the appropriate charges.

3.1.8 Measurement of usage-based Connectivity Charges shall be in actual conversation seconds. The total conversation seconds per chargeable traffic types shall be totaled for the entire monthly bill cycle and then rounded to the next whole minute.

3.1.9 ILEC shall provide to MCI at no additional charge a Single Point of Contact through a Local Carrier Service Centre (LCSC), or similar function, for handling any Connectivity Billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Agreement.

3.1.10 ILEC shall provide single point of contact for handling of any data exchange questions or problems that may arise during the implementation and performance of the terms and conditions of this Agreement.

3.1.11 As soon as possible after completion of this Agreement, each party shall provide the other party written notice of which form of the monthly Connectivity Bill is to be deemed the official bill to assist the parties in resolving any conflicts that may arise between the official bill and another form of bill received via a different media which purportedly contain the same charges as are on the official bill.

3.1.12 If either party requests an additional copy(ies) of a bill, such party shall pay the other party a reasonable fee per additional bill copy, unless such copy was requested due to errors, omissions, or corrections or the failure of the transmission to comply with the specifications set forth in this Agreement.

3.1.13 When sending Connectivity Bills via electronic transmission, to avoid transmission failures or the receipt of Connectivity Billing information that cannot be processed, MCI shall provide ILEC process specifications. ILEC shall comply with MCI's processing specifications when ILEC transmits Connectivity Billing data to MCI. MCI shall provide to ILEC notice if a Connectivity Billing transmission is received that does not meet MCI's specifications or that such party cannot process. Such transmission shall be corrected and resubmitted to MCI, at ILEC's sole expense, in a form that can be processed. The payment due date for such resubmitted transmissions shall be thirty five (35) days from the

date that the transmission is received in a form that can be processed and that meets the specifications set forth in this Attachment.

3.1.14 ILEC shall deliver to a location specified by MCI, billing information via Network Data Mover (NDM), magnetic tape or paper, as agreed to by MCI and ILEC. In the event of an emergency, system failure or other such condition which prevents ILEC from transmitting via NDM, ILEC shall notify MCI of such difficulties within two hours of detection. ILEC shall deliver to a location specified by MCI billing information via magnetic tape or paper, as agreed to by MCI and ILEC. The parties acknowledge that all tapes transmitted to the other party via U.S. Mail or Overnight Delivery and which contain Connectivity Billing data shall not be returned to the sending party.

3.1.15 Subject to the terms of this Agreement, including without limitation Sections 3.1.16 and 3.1.18 of this Attachment VIII, MCI shall pay ILEC within (45) calendar days from the Bill Date, or (35) calendar days from the receipt of the bill, whichever is later. If the payment due date is a Saturday, Sunday or a has been designated a bank holiday payment shall be made the next business day.

3.1.16 Billed amounts which are being investigated, queried, or for which claims have or may be filed are not due for payment until such investigations, claims or queries have been fully resolved by both MCI and ILEC.

3.1.17 ILEC shall not issue late payment charges to MCI under any circumstances.

3.1.18 Bill Reconciliation

3.1.18.1 Each party agrees to notify the other party upon the discovery of a billing discrepancy "Notice of Discrepancy".

3.1.18.2 In the event of such Notice of Discrepancy, the parties shall endeavor to resolve the discrepancy within sixty (60) calendar days notification using normal business procedures. If the discrepancy is disputed, resolution of such dispute is expected to occur at the first level of management resulting in a recommendation for settlement of the dispute and closure of a specific billing period.

3.1.18.3 Closure of a specific billing period shall occur by joint agreement of the parties whereby the parties agree that such billing period is closed to any further analysis and financial transactions, except those resulting from an Audit. Closure shall take place within nine (9) months of the Bill Date. The month being closed represents those Connectivity Charges that were billed or should have been billed by the respective Bill Date.

3.1.18.4 If the dispute is not resolved within the allotted time frame, the following resolution procedure shall begin:

3.1.18.4.1 If the dispute is not resolved within sixty (60) days of the Notice of Discrepancy, the dispute shall be escalated to the second level of management for resolution.

3.1.18.4.2 If the dispute is not resolved within ninety (90) days of Notice of Discrepancy, the dispute shall be escalated to the third level of management for resolution.

3.1.18.4.3 If the dispute is not resolved within one hundred and twenty (120) days of the Notice of Discrepancy, the dispute shall be presumed settled in MCI's favor, or upon the written request of ILEC within such 120 day period, may be resolved pursuant to Section 23 Dispute Resolution Procedures of Part A of this Agreement.

3.1.18.5 If MCI disputes Connectivity Charges and the dispute is resolved in favor of MCI, ILEC shall credit the Connectivity Bill of MCI for the amount of the disputed charges.

3.1.19 ILEC shall reimburse MCI for incorrect Connectivity Billing charges including without limitation: overcharges, services ordered or requested but not delivered, interrupted services, services of poor quality; and installation problems if caused by ILEC. Such reimbursements shall be set forth in the appropriate section of the Connectivity Bill pursuant to CABS, or SECAB standards.

3.1.20 The parties agree to record call information in accordance with this subsection 3.1. To the extent technically feasible, each party shall record all call detail information associated with every call originated or terminated to the other party's local exchange

subscriber. The parties agree that they shall record call detail information if technically feasible, even if such records or call detail information has not been recorded in the past. These records shall be provided at a party's request and shall be formatted pursuant to Bellcore's EMR standards and the terms and conditions of this Agreement. These records shall be transmitted to the other party daily in EMR format via NDM. ILEC and MCIIm agree that they shall retain, at each party's sole expense, copies of all EMR records transmitted to the other party for at least forty five (45) calendar days after transmission to the other party.

3.1.21 When MCIIm collocates with ILEC in ILEC's facility as described in this Agreement, capital expenditures (e.g., costs associated with building the "cage"), shall not be included in the Connectivity Bill provided to MCIIm pursuant to this Attachment VIII. All such capital expenses shall be given a unique BAN and invoice number. All invoices for capital expenses shall be sent to the location specified by MCIIm for payment. All other non-capital recurring collocation expenses shall be billed to MCIIm in accordance with this Agreement. (The CABS Billing Output Specifications ("BOS") documents provide the guidelines on how to bill the Connectivity Charges associated with collocation.) The bill label for such collocation charges shall be entitled "Expanded Interconnection Service." The bill label for non-capital recurring collocation expenses shall be entitled "Collocation."

3.1.22 ILEC shall be responsible for billing and collecting charges from IXCs for access related to interexchange calls generated by resale customers.

3.1.23 When MCIIm owns the end office, ILEC shall not bill RIC to either MCIIm or other IXCs.

3.1.24 ILECs and MCIIm shall determine the appropriate and mutually agreeable form of administrative billing between billing carriers.

3.2 Information Exchange and Interfaces

3.2.1 ILEC shall provide MCIIm a monthly Connectivity Bill that includes all Connectivity Charges incurred by and credits and/or adjustments due to MCIIm for those services ordered, established, utilized, discontinued or performed pursuant to this Agreement.

ILEC shall issue one bill per month, on the first day of the month and the billing cycle shall be on a calendar basis. Each Connectivity Bill provided by ILEC to MCI shall include:

3.2.1.1 all non-usage sensitive charges incurred for the period beginning with the day after the current bill date and extending to, and including, the next bill date;

3.2.1.2 any known unbilled non-usage sensitive charges for prior periods;

3.2.1.3 unbilled usage sensitive charges for the period beginning with the last bill date and extending up to, but not including, the current bill date;

3.2.1.4 any known unbilled usage sensitive charges for prior periods;

3.2.1.5 any known unbilled adjustments.

3.2.2 At the same time as the monthly bill is transmitted, ILEC shall send a separate file summarizing all MCI's usage sensitive messages which are contained in ILEC's suspense files and unbilled files.

3.2.3 The Bill Date (defined as the date the bill was prepared) must be present on each bill transmitted by ILEC to MCI, must be a valid calendar date, and not more than 90 days old. Connectivity Bills shall not be rendered for any Connectivity Charges which are incurred under this Agreement on or before 90 days preceding the Bill Date, except as otherwise permitted by law.

3.2.4 On each bill where 'Jurisdiction' is identified, local and local toll charges shall be identified as 'Local' and not as interstate, interstate/ interLATA, intrastate, or intrastate/intraLATA. ILEC shall provide from and through dates for charges rendered on all Connectivity Bills.

3.2.5 ILEC shall separately identify business charges from residence charges, as appropriate, and shall assign a specific adjustment or reference number provided by MCI to each adjustment and credit included on the Connectivity Bill.

3.2.6 In accordance with the terms and conditions set forth in this Agreement ILEC shall record and provide to MCI all detail

information associated with a call to an MCI local exchange Subscriber .

3.2.7 ILEC and MCI shall issue all Connectivity Bills in accordance with the terms and conditions set forth in this Section 3. On Connectivity Bills ILEC renders to MCI, BANs shall be 13 character alpha/numeric and there shall only be one BAN per Revenue Accounting Office ("RAO"). The Bill Date shall be the same day month to month. Each party shall provide the other party at least thirty (30) calendar days written notice prior to changing, adding or deleting a BAN. The parties shall provide one Connectivity Billing invoice associated with each BAN. Each invoice must contain an invoice number (which will vary from month to month). On each bill associated with a BAN, the appropriate invoice number and the charges contained on such invoice must be reflected. All Connectivity Bills must be received by the other party no later than ten (10) calendar days from Bill Date and at least thirty-five (35) calendar days prior to the payment due date (as described in this Attachment), whichever is earlier. Any Connectivity Bill received on a Saturday, Sunday or a day designated as a bank holiday will be deemed received the next business day. If either party fails to receive Connectivity Billing data and information within the time period specified above the payment due date will be extended by the number of days receipt has been delayed.

3.2.8 ILEC shall issue all Connectivity Bills containing such billing data and information in accordance with the most current version of CABS /SECABS published by Bellcore, or its successor, or such later versions as are adopted by Bellcore, or its successor. To the extent that there are no CABS, or SECAB standards governing the formatting of certain data, such data shall be issued in the format mutually agreed to by ILEC and MCI.

3.2.9 ILEC and MCI agree that each party shall transmit Connectivity Billing information and data in the appropriate CABS or SECAB format electronically via NDM to the other party at the location specified by such party. MCI data centers will be responsible for originating the calls for data transmission. ILEC shall transmit in accordance to the technical specifications set by MCI. MCI will supply to ILEC its RACF ID and password before the first transmission of data via NDM. Any changes to either party's NDM Node ID must be sent to the other party no later than thirty (30) calendar days before the changes take effect.

3.2.10 In emergency situations when tape transmittal has been used ILEC shall adhere to the tape packaging requirements set forth in this Agreement. Where magnetic tape shipping containers are transported in freight compartments, adequate magnetic field protection shall be provided by keeping a 6-inch distance from any magnetic field generating device (except a magnetron-tape device). ILEC shall only use those shipping containers that contain internal insulation to prevent damage. ILEC shall clearly mark on the outside of each shipping container its name, contact and return address. ILEC shall not ship any Connectivity Billing tapes in tape canisters.

3.2.11 All emergency billing data transmitted via tape must be provided on a cartridge (cassette) tape and must be of high quality, conform to the parties' record and label standards, 9-track, odd parity, 6250 BPI group coded recording mode and extended binary-coded decimal interchange code ("EBCDIC"). Each reel of tape must be 100% tested at 20% or better "clipping" level with full width certification and permanent error free at final inspection. MCI reserves the right to destroy a tape that has been determined to have unrecoverable errors. MCI also reserves the right to replace a tape with one of equal or better quality.

3.2.12 Billing data tapes used in emergency circumstances shall have the following record and label standards. The dataset serial number on the first header record of an IBM standard tape label also shall have the following format.

	CABS BOS	SECAB
Record Length	bytes (fixed length)	bytes (fixed length)
Blocking factor	records per block	Not Applicable
Block size	bytes per block	Not Applicable
Labels	Standard IBM Operating System	Standard IBM Operating System

3.2.14. A single 6-digit serial number must appear on the external (flat) surface of the tape for visual identification. This number shall also appear in the "dataset serial number field" of the first header record of the IBM standard tape label. This serial number shall consist of the character "V" followed by the reporting location's four digit Originating Company Code and a numeric character chosen by the sending company. The external and internal label shall be the same. The dataset name shall appear on the flat side of the reel and also in the "data set name field" on the first header record of the IBM standard tape label. ILEC's name, address, and contact shall appear on the flat side of the cartridge or reel

3.2.15. Tape labels shall conform to IBM OSNS Operating System Standards contained in the IBM Standard Labels Manual. IBM standard labels are 80-character records recorded in EBCDIC, odd parity.

3.2.16. ILEC shall conform to the Standard Volume Label Format which will be prescribed by MCIm.

3.2.17. ILEC shall use The IBM Standard Dataset Label Format which will be prescribed by MCIm

3.2.18. ILEC shall use test & production dataset format which will be prescribed by MCIm for each CABS and SECABS.

3.3 Standards

3.3.1 Within thirty (30) days of the execution of this Agreement, ILEC shall send to MCIIm connectivity bill data in the appropriate mechanized format (i.e. CABS or SECAB) for testing to ensure that bills can be processed and that bills comply with the requirements of this Attachment. After receipt of the test data from ILEC MCIIm will notify ILEC if the connectivity billing transmission meets MCIIm's testing specifications. If the transmission fails to meet MCIIm's testing specifications, ILEC shall make the necessary corrections. At least three (3) sets of testing data must meet MCIIm's testing specifications prior to ILEC sending MCIIm a mechanized production connectivity bill for the first time via electronic transmission or tape. Thereafter, ILEC may begin sending MCIIm production connectivity bills via electronic transfer on the next Bill Date, or within ten (10) days, whichever is later.

3.3.2 At least 90 days prior to any change in existing formats or change to a different format, ILEC shall send to MCIIm connectivity bill data in the appropriate mechanized format for testing to ensure that the bills can be processed and that the bills comply with the requirements of this Attachment. ILEC agrees that it shall not send to MCIIm bill data in the new mechanized format until such bill data has met the testing specifications as set forth in this subsection.

3.3.3 During the testing period, ILEC shall transmit to MCIIm Connectivity Billing data and information via paper or tape as specified by MCIIm. Test tapes shall be sent to a MCIIm specified location.

3.3.4 ILEC agrees that if it transmits data to MCIIm in a mechanized format, ILEC shall also comply with the following specifications which are not contained in CABS or SECAB guidelines but which are necessary for MCIIm to process Connectivity Billing information and data:

3.3.5 The Bill Date shall not contain spaces or non-numeric values.

3.3.5.1 Each Connectivity Bill must contain at least one detail record.

3.3.5.2 Any "From" Date should be less than the associated "Thru" Date and neither date can contain spaces.

3.3.5.3 The Invoice Number must not have embedded spaces or low values.

3.3.6 For those Connectivity Charges billed in a mechanized format and in accordance with SECAB's format, ILEC agrees to comply with the additional requirement set forth below:

3.3.6.1 All data denoted as IC preference is required.

3.3.6.2 When the Company Code is not a State Level Company Code, the State Identification should be the state from which charges were incurred.

3.3.6.3 The SECAB Inventory and Rating Record Information for a Connectivity Bill shall be provided monthly. In a multiple state or multiple Exchange Carrier (EC) environment, the STATE IDENTIFICATION on the Face Page (SCFAC1) Record should be populated with XX. This indicates the amounts on Summary Page 1-3 (SCSUM1, SCSUM2 and SCSUM3) Records represent the sum of multiple Summary Pages 4 and 5 (SCSUM4 and SCSUM5) Records.

3.3.7 ILEC agrees that in order to ensure the proper performance and integrity of the entire Connectivity Billing process, ILEC shall be responsible and accountable for transmitting to MCI an accurate and current bill. ILEC agrees to implement control mechanisms and procedures to render a bill that accurately reflects the services ordered and used by MCI.

3.4 Performance Measurements & Reporting

3.4.1 ILEC shall meet the following performance measurements for the provision of EMR records:

3.4.1.1 **Timeliness:** 99.94% of all records recorded each day shall be received by MCI within one (1) calendar day of their recording. 100% of all such records should be received within five (5) calendar days of their recording.

3.4.1.2 **Accuracy:** No more than 60 errors per one (1) million records transmitted

3.4.1.3 **Completeness:** There shall be no more than 20 omissions per one (1) million records.

Section 4. Provision Of Customer Usage Data

This Section 4 sets forth the terms and conditions for ILEC's provision of Recorded Usage Data (as defined in this Attachment VIII) to MCI and for information exchange regarding long distance billing.

4.1 Procedures

4.1.1 General

4.1.1.1 ILEC shall comply with various industry, OBF, and other standards referred to throughout this Agreement. To satisfy these requirements ILEC shall adhere to MCI's interpretation of all standards referred to in this Agreement.

4.1.1.2 ILEC shall comply with OBF standards and the additional standards outlined in this agreement when recording and transmitting Usage Data.

4.1.1.3 ILEC shall record all usage originating from MCI subscribers using services ordered by MCI. Recorded Usage Data includes, but is not limited to, the following categories of information:

- Call Attempts
- Completed Calls
- Use of CLASS/LASS/Custom Features
- Calls To Information Providers Reached Via ILEC Facilities And Contracted By ILEC
- Calls To Directory Assistance Where ILEC Provides Such Service To An MCI Customer
- Calls Completed Via ILEC-Provided Operator Services Where ILEC Provides Such Service To MCI's Local Service Customer. For ILEC-Provided Centrex Service, Station Level Detail Records Shall Include Complete Call Detail And Complete Timing Information
- Recording Of Completed Calls Which ILEC Does Not Record For Its Own Service Offerings (e.g., Flat Rate Free Calling Area Service)

4.1.1.4 Retention of Records: ILEC shall maintain a machine readable back-up copy of the message detail provided to MCI for a minimum of forty-five (45) calendar

days. ILEC shall provide any data back-up to MCI on the request of MCI.

4.1.1.5 ILEC shall provide to MCI Recorded Usage Data for MCI subscribers. ILEC shall not submit other carrier local usage data as part of the MCI Recorded Usage Data.

4.1.1.6 ILEC shall not bill to MCI subscribers any recurring or non-recurring charges except where explicitly permitted to do so within a written agreement between ILEC and MCI.

4.1.1.7 ILEC shall record and rate all calls to Information Service Providers (900 service calls) and shall bill such calls directly to the subscriber. Customer billing name and address information may be purchased from MCI.

4.1.1.8 ILEC shall provide Recorded Usage Data to MCI billing locations as designated by MCI.

4.1.1.9 ILEC shall establish a Local Carrier Service Center (LCSC) or similar function to serve as MCI's single point of contact to respond to MCI call usage, data error, and record transmission inquiries.

4.1.1.10 ILEC shall provide MCI with a single point of contact, Remote Identifiers (IDs), and expected usage data volumes for each sending location.

4.1.1.11 MCI shall provide a single point of contact responsible for receiving usage transmitted by ILEC and receiving usage tapes from a courier service in the event of a facility outage.

4.1.1.12 ILEC shall bill and MCI shall pay the charges for Recorded Usage Data. Billing and payment shall be in accordance with the applicable terms and conditions set forth in Connectivity Billing and Recording Section of this Attachment VIII.

4.1.1.13 Without waiver of, and in addition to the Audit and Examination rights in the Section 22 (Audits and Examinations of Part A) of this Agreement, upon reasonable notice and at reasonable times MCI or its authorized

representatives may examine ILEC's documents, systems, records and procedures which relate to the recording and transmission of the Usage data to MCIIm under this Attachment.

4.1.2 Charges

4.1.2.1 ILEC shall not charge any fees for recording, rating or transmitting usage data.

4.1.2.2 No charges shall be assessed for incomplete call attempts.

4.1.3 Central Clearinghouse & Settlement

4.1.3.1 ILEC shall comply with Clearinghouse and Incollect/Outcollect procedures to be determined by MCIIm.

4.1.3.2 ILEC shall support and participate in a neutral third-party in and out-collect process developed for intra-region alternately billed messages as prescribed by MCIIm.

4.1.3.3 ILEC shall settle with MCIIm for both intra-region and inter-region billing exchanges of calling card, bill-to-third party, and collect calls.

4.1.4 Lost Data

4.1.4.1 Loss of Recorded Usage Data - MCIIm Recorded Usage Data determined to have been lost, damaged or destroyed as a result of an error or omission by ILEC in its performance of the recording function shall, upon MCIIm's request, be recovered by ILEC at no charge to MCIIm. In the event the data cannot be recovered by ILEC, ILEC shall estimate the messages and associated revenue, with assistance from MCIIm, based upon the method described below. This method shall be applied on a consistent basis, subject to modifications agreed to by ILEC and MCIIm. This estimate shall be used to adjust amounts MCIIm owes ILEC for services ILEC provides in conjunction with the provision of Recorded Usage Data.

4.1.4.2 Partial Loss - ILEC shall review its daily controls to determine if data has been lost. When there has been a partial loss, actual message and minute volumes shall be reported, if possible. Where actual data are not available, a full day shall be estimated for the recording entity, as outlined in the following paragraphs. The amount of the partial loss is then determined by subtracting the data actually recorded for such day from the estimated total for such day.

4.1.4.3 Complete Loss - Estimated message and minute volumes for each loss consisting of an entire AMA tape or entire data volume due to its loss prior to or during processing, lost after receipt, degaussed before processing, receipt of a blank or unreadable tape, or lost for other causes, shall be reported.

4.1.4.4 Estimated Volumes - From message and minute volume reports for the entity experiencing the loss, ILEC shall secure message/minute counts for the four (4) corresponding days of the weeks preceding that in which the loss occurred and compute an average of these volumes. ILEC shall apply the appropriate average revenue per message ("arpm") provided by MCI to the estimated message volume to arrive at the estimated lost revenue.

4.1.4.5 If the day of loss is not a holiday but one (1) (or more) of the preceding corresponding days is a holiday, use additional preceding weeks in order to procure volumes for two (2) non-holidays in the previous two (2) weeks that correspond to the day of the week that is the day of the loss

4.1.4.6 If the loss occurs on a weekday that is a holiday (except Christmas & Mothers day), ILEC shall use volumes from the two (2) preceding Sundays.

4.1.4.7 If the loss occurs on Mother's Day or Christmas day, ILEC shall use volumes from that day in the preceding year multiplied by a growth rate specified by MCI.

4.1.4.8 MCI may also request data be provided that has previously been successfully provided by ILEC to MCI.

ILEC shall re-provide such data, if available, at no additional charge to MCI.

4.1.5 Testing, Changes and Controls

4.1.5.1 The Recorded Usage Data, EMR format, content, and transmission process shall be tested as specified by MCI.

4.1.5.2 Interface Testing: The purpose of this test is to ensure that the usage records can be sent by ILEC to MCI and can be accepted and processed by MCI. ILEC shall provide a test file to MCI's designated Regional Processing Center (RPC) in the format that shall be used for live day-to-day processing. The file shall contain one (1) full day's production usage and all potential call types. MCI shall review the file and verify that it conforms to its data center requirements. MCI shall notify ILEC in writing whether the format is acceptable. MCI shall also provide ILEC with the agreed-upon control reports as part of this test.

4.1.5.3 Operational Test: The purpose of this test is to ensure that volumes of usage in consecutive sequence can be extracted, distributed, and processed by ILEC and MCI.

4.1.5.4 For testing purposes ILEC shall provide MCI with ILEC recorded, unrated usage for a minimum of five (5) consecutive days. MCI shall provide ILEC with the message validation reports associated with test usage.

4.1.5.5 Test File: Test data should be transported via NDM whenever possible. In the event that courier service must be used to transport test media, the physical tape characteristics to be used are described in this Agreement.

4.1.5.6 Periodic Review: Control procedures for all usage transferred between ILEC and MCI shall require periodic review. This review may be included as part of an annual audit of ILEC by MCI or as part of the normal production interface management function. Breakdowns which impact the flow of usage between ILEC and MCI must be identified and jointly resolved as they occur. The resolution may include changes to control procedures, as similar

problems would be avoided in the future. Any changes to control procedures would need to be mutually agreed upon by MCI and ILEC.

4.1.5.7 ILEC Software Changes:

4.1.5.7.1 When ILEC plans to introduce any software changes which impact the format or content structure of the usage data feed to MCI, designated ILEC personnel shall notify MCI no less than one hundred twenty (120) calendar days before such changes are implemented.

4.1.5.7.2 ILEC shall communicate the projected changes to the appropriate groups in MCI so that potential impacts on MCI processing can be determined.

4.1.5.7.3 MCI personnel shall review the impact of the change on the entire control structure and the Post Conversion Test Plan, herein. MCI shall negotiate any perceived problems with ILEC and shall arrange to have the data tested utilizing the modified software.

4.1.5.7.4 If it is necessary for ILEC to request changes in the schedule, content or format of usage data transmitted to MCI, ILEC shall notify MCI.

4.1.5.8 MCI Requested Changes:

4.1.5.8.1 MCI may request changes in the schedule, content, format of the usage data transmitted from ILEC, as deemed necessary by MCI.

4.1.5.8.2 When the negotiated changes are to be implemented, MCI and/or ILEC shall arrange for testing of the modified data in a Post Conversion Test Plan designed to encompass all types of changes to the usage data transferred by ILEC to MCI and the methods of transmission for that data.

4.1.5.9 ILEC System Change Description:

4.1.5.9.1 For a ILEC system change, ILEC shall provide MCIIm with an overall description of the change, stating the objective and a brief explanation of the reasons for the change.

4.1.5.9.2 During the initial negotiations regarding the change, ILEC shall provide a list of the specific records and/or systems impacted by the change to designated MCIIm personnel.

4.1.5.9.3 ILEC shall also provide MCIIm a detailed description of the changes to be implemented. It shall include sufficient detail for designated MCIIm personnel to analyze and estimate the effects of the changes and to design tests to verify the accuracy of the implementation.

4.1.5.10 Change Negotiations:

4.1.5.10.1 MCIIm shall be notified in writing of all proposed negotiations initiated by ILEC. In turn, MCIIm shall notify ILEC of proposed change negotiations initiated by MCIIm.

4.1.5.10.2 After formal notification of planned changes, whether originated by ILEC or MCIIm, designated MCIIm personnel shall schedule negotiation meetings as required with designated ILEC personnel. The first meeting should produce the overall change description (if not previously furnished) and the list of records and/or systems affected.

4.1.5.10.3 In subsequent meetings, ILEC shall provide the detailed description of changes to be implemented. After reviewing the described changes, designated MCIIm personnel shall negotiate a detailed test procedure with ILEC.

4.1.5.11 Changes to controls:

- MCIIm may request changes to the control structure.
- ILEC shall comply with the requested changes.

4.1.5.12 Verification Of Changes

4.1.5.12.1 Based on the detailed description of changes furnished by ILEC, MCI and ILEC personnel shall:

- Determine the type of change(s) to be implemented.
- Develop a comprehensive test plan.
- Negotiate scheduling and transfer of modified data with ILEC.
- Negotiate testing of modified data with the appropriate MCI RPC.
- Negotiate processing of verified data through the MCI billing system with the RPC.
- Arrange for review and verification of testing with appropriate MCI groups.
- Arrange for review of modified controls, if applicable.

4.1.5.13 Introduction of Changes:

4.1.5.13.1 When all the testing requirements have been met and the results reviewed and accepted, designated MCI and ILEC personnel shall:

- Negotiate an implementation schedule.
- Verify the existence of a contingency plan with the appropriate MCI personnel.
- Arrange for the follow-up review of changes with appropriate MCI personnel.
- Arrange for appropriate changes in control program, if applicable.
- Arrange for long-term functional review of impact of changes on the MCI billing system, i.e., accuracy, timeliness, and completeness.

4.2 Information Exchange and Interfaces

4.2.1 Core Billing Information

4.2.1.1 Recorded Usage Data all intraLATA toll and local usage. ILEC shall provide MCI with unrated EMR records associated with all intraLATA toll and local usage which they

record on MCI's behalf. Any Category, Group and/or Record types approved in the future for ILEC shall be included if they fall within the definition of local service resale. MCI shall be given notification thirty (30) days prior to implementation of a new type, category and / or record.

4.2.1.2 ILEC shall provide rated EMR records only when explicit consent for sending such records has been obtained from MCI. The following records shall be rated by ILEC:

Category 01	Operator handled, person to person, collect calls, bill to third number, SSP record query
Category 03	Credit & adjustments
Category 41	Customer credit

4.2.1.3 All messages recorded by ILEC are to be transmitted to MCI. ILEC recorded usage includes all usage by MCI Customers.

4.2.1.4 Data Delivery Schedules: Data shall be delivered to MCI by ILEC daily (Monday through Sunday) unless otherwise negotiated. MCI and/of ILEC Data Center holidays are excluded. ILEC and MCI shall exchange schedules of designated Data Center holidays.

4.2.2 Supporting Billing Information

4.2.2.1 Returned Long Distance Messages and Invoices

4.2.2.1.1 ILEC shall return message records or invoices to MCI for messages or invoices which cannot be billed to an ILEC end user because ILEC no longer serves the end user for the associated messages or invoices as a result of the end user telephone number being served by another LEC/CLEC.

4.2.2.1.2 Message records or invoices shall be returned as part of the established unbillable process. Returned messages or invoices shall be in industry-standard EMR format using the OBF-agreed return code 50, unless otherwise negotiated with MCI.

4.2.2.1.3 Additional return codes to be used for return designations are as follows:

81 - Rated record is received and indicator 19 is set to a value of other than 1 or 3 for a CIC of zeroes.

82 - Message is determined to be interLATA, and interLATA is not determined to be applicable.

83 - field is designated as numeric field contains non-numeric values.

84 - message is terminating to number that has a NPA 900 or NXX 976

4.2.2.1.4 The above message and/or invoice returns shall contain the Operating Company Number (OCN), or another identifying number or code as may become a future industry standard, of the LEC serving the end user through resale or portability at the time the invoice or message is returned.

4.2.2.1.5 Following are the record types and positions where the OCN should be populated. The error or return code should continue to appear in the standard position.

01-XX-XX record:	positions 168-171
01-51-21 record:	positions 125-128
01-51-24 record:	positions 187-190
41-XX-XX record (detail):	positions 168-171
41-50-XX record (summary):	positions 154-157
42-50-XX record (summary):	positions 154-157

4.2.2.2 Telephone Number Activity

4.2.2.2.1 The ILEC shall provide to MCI on a daily basis, information for all telephone numbers served through resale service, portability (INP/NP), or unbundled switching to enable accurate MCI end user billing either by MCI itself or through the appropriate servicing local carrier.

4.2.2.2.2 Such information shall be provided via NDM, or another medium as may be mutually agreed, at least daily, or at another frequency as may be mutually agreed, using a new EMR record created as an advisory of local service provider change activity for billing purposes.

4.2.2.2.3 A separate record group or record type within the designated record category as determined by OBF, or as mutually agreed, shall be used to distinguish the record. The current record type proposed is the 30-10-10 for detail ILEC. Records shall be transmitted in packs with appropriate header/trailer records as determined by OBF. ILEC shall provide the following data elements:

Record ID

Date Created

Line Range

(NPA, NXX, from line range, to line range; where from line range and to line range may be equal)

Line Range Type Indicator

L=ported, R=resale, N=non-PICable, P=paging,
W=wireless/cellular,

X,Y,Z=local company use

Associated WTN (working telephone number)

Populated if the line range is a single number and Remote Call Forward is used. When Remote Call forward is used, this field is populated with the telephone number assigned by the CLEC.

BTN (billing telephone number)

Assumed to be associated with PTN from incumbent LEC or new LEC depending on which record it was received from.

Type of Change

A=add, C=change, D=delete

Effective Date

End date if received on record from incumbent

LEC, start date if received on record from new LEC

Old OCN

Old OCN Name

New OCN

New OCN Name

New OCN Contact Name

New OCN Contact Number
Billing RAO
Send to RAO
Billing OCN
Billing Provider Name
Business/Residence Indicator
End User Billing Name
End User Billing Address
End User City, State, ZIP

4.2.2.2.4 When ILEC provides resale services, unbundled switching, or INP (through RCF or DID), ILEC shall send the above record whenever changes in local service provider occur subsequent to an initial change.

4.2.2.2.5 Prior to OBF resolution of this standard, ILEC agrees to work cooperatively with MCI to implement an interim process to provide telephone number activity information in a timeframe and manner which is acceptable to MCI. Subsequent to OBF resolution of this standard, ILEC agrees to implement the standard in accordance with the OBF resolution no later than ninety (90) days after the date of Final Closure at OBF.

4.2.2.2.6 Bill Name and Address (BNA)

4.2.2.2.6.1 At MCI's request, ILEC shall provide to MCI Bill Name and Address (BNA) for MCI pic'd and non-pic'd subscribers via already-established CARE formats and processes, or another medium as MCI may require. BNA shall be provided independent of other services and shall be at a cost no higher than ILEC's actual cost.

4.2.3 Product/Service Specific

4.2.3.2 ILEC shall provide a Specialized Service / Service Provider Charge record to support the Special Features Star Services if these features are part of ILEC's offering.

4.2.4 Emergency Information

4.2.4.2 ILEC shall provide the transport facility for transmitting usage and billing data between ILEC location and the MCI location. ILEC shall transmit via NDM whenever possible. In the event usage transfer cannot be accommodated by NDM because of extended (one (1) business day or longer) facility outages, ILEC shall contract for a courier service to transport the data via tape

4.2.4.3 ILEC shall comply with the following standards when emergency data is transported to MCI on tape or cartridge via a courier. The data shall be in fixed or variable block format as specified by MCI and:

Tape: 9-track, 6250 (or 1600) BPI (Bytes per inch)

Cartridge: 38,000 BPI (Bytes per inch)

LRECL: 2,472 Bytes

Parity: Odd

Character Set: Extended Binary Coded Decimal Interchange Code (EBCDIC)

External labels: Exchange Carrier Name, Dataset Name (DSN) and volume serial number

Internal labels: IBM Industry OS labels shall be used. They consist of a single volume label and two sets of header and trailer labels.

4.2.5 Rejected Recorded Usage Data

4.2.5.1 At the discretion of MCI, any messages that cannot be rated and/or billed by MCI may be returned to ILEC via NDM. Returned messages shall be sent directly to ILEC in EMR format. Standard EMR return codes shall be utilized.

4.2.5.2 The ILEC must return EMR/EMI records to IXC with the OBF standard message reject code which indicates that ILEC no longer serves the end user and which includes the OCN/Local Service Provider ID of the new LEC/Reseller serving the end user.

4.2.5.3 Rejected messages or invoices shall be returned to MCI in accordance with procedures and timeframes already established between ILEC and MCI.