



BellSouth Telecommunications, Inc.

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Nashville, TN 37201-3300

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Guy M. Hicks
General Counsel

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January 15, 2001
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EXECUTIVE SECRETARY

Mr. David Waddell
Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243-0505

Re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and MCImetro Access Transmission Services, L.L.C. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*
Docket No. 00-00608
01-00087

Dear Mr. Waddell:

Pursuant to Section 252(e) of the Telecommunications Act of 1996, MCImetro Access Transmission Services, L.L.C. and BellSouth Telecommunications, Inc. are hereby submitting to the Tennessee Regulatory Authority the original and thirteen copies of the attached Petition for Approval of the Interconnection Agreement dated August 13, 2000.

Thank you for your attention to this matter.

Sincerely yours,

Guy M. Hicks

cc: Senior Vice President, MCImetro Access Transmission Services, L.L.C.
Vice President – Eastern Telco Line Cost, MCI WorldCom, Inc.
Commercial Counsel, MCI WorldCom, Inc.

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and MCImetro Access Transmission Services, L.L.C. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*

Docket No. ~~00-00608~~
01-0087

**PETITION FOR APPROVAL OF THE
INTERCONNECTION AGREEMENT NEGOTIATED
BETWEEN BELL SOUTH TELECOMMUNICATIONS, INC.
AND MCIMETRO ACCESS TRANSMISSION SERVICES, L.L.C.
PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996**

COME NOW, MCImetro Access Transmission Services, L.L.C. ("WorldCom") and BellSouth Telecommunications, Inc., ("BellSouth"), and file this request for approval of the Interconnection Agreement (the "Agreement") negotiated between the two companies pursuant to Sections 251 and 252 of the Telecommunications Act of 1996, (the "Act"). In support of their request, WorldCom and BellSouth state the following:

1. WorldCom and BellSouth have recently negotiated an agreement for interconnection of their networks, the unbundling of specific network elements offered by BellSouth and the resale of BellSouth's telecommunications services to WorldCom. A copy of the Agreement is attached hereto and incorporated herein by reference.

2. Pursuant to Section 252(e) of the Telecommunications Act of 1996, WorldCom and BellSouth are submitting their Agreement to the TRA for its consideration and approval.

3. In accordance with Section 252(e) of the Act, the TRA is charged with approving or rejecting the negotiated Agreement between BellSouth and WorldCom within 90 days of its submission. The Act provides that the TRA may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier

not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity.

4. WorldCom and BellSouth aver that the Agreement is consistent with the standards for approval.

5. Pursuant to Section 252(i) of the Act, BellSouth shall make the Agreement available upon the same terms and conditions contained therein.

WorldCom and BellSouth respectfully request that the TRA approve the Agreement negotiated between the parties.

This 2 day of Jan-25, 2001.

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.

By: 

Guy M. Hicks
333 Commerce Street, Suite 2101
Nashville, Tennessee 37201-3300
(615) 214-6301
Attorney for BellSouth

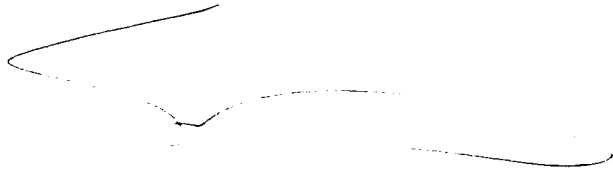
CERTIFICATE OF SERVICE

I, Guy M. Hicks, hereby certify that I have served a copy of the foregoing Petition for Approval of the Interconnection Agreement on the following via United States Mail on the 25 day of Jan, 2001.

Senior Vice President
Network Financial Management
MCImetro Access Transmission Services, L.L.C.
2270 Lakeside Blvd.
Richardson, TX 75081
Chief Counsel – Business Transactions
MCI Communications Corporation
1801 Pennsylvania Ave., N.W.
Washington, DC 20006

Vice President – Eastern Telco Line Cost
MCI WorldCom, Inc.
2520 Northwinds Parkway, 5th Floor
Alpharetta, GA 30004

Commercial Counsel
MCI WorldCom, Inc.
2520 Northwinds Parkway, 5th Floor
Alpharetta, GA 30004



Guy M. Hicks

ATTACHMENT TO TRANSMITTAL LETTER

The Agreement entered into by and between MCImetro Access Transmissions Services, LLC (WorldCom) and BellSouth Telecommunications, Inc., dated 08/13/2000, for the state of Tennessee consists of the following:

ITEM	NO. PAGES
General Terms and Conditions	12
Attachment 1	16
Attachment 2	95
TOTAL	123

AGREEMENT

This Interconnection Agreement (the "Agreement"), effective August 14, 2000 (the "Effective Date"), is entered into by and between BellSouth Telecommunications, Inc. ("BellSouth"), a Georgia corporation, and MCImetro Access Transmission Services, L.L.C. ("WorldCom"), a Delaware limited liability company.

Now, therefore, in consideration of the terms and conditions contained herein, BellSouth and WorldCom hereby mutually agree as follows:

GENERAL TERMS AND CONDITIONS

Section 1. Scope of this Agreement

1.1 This Agreement, including General Terms and Conditions, and all Attachments hereto which are hereby incorporated herein by this reference, specifies the rights and obligations of each Party with respect to the purchase and sale of the services described in this Agreement.

Section 2. Regulatory Approvals

2.1 This Agreement, and any amendment or modification hereof, will be submitted to the state regulatory body for approval in accordance with Section 252 of the Act. The Parties will work cooperatively to advocate the approval of the Agreement by each of the appropriate state regulatory bodies. Should the state regulatory body deny approval of the Agreement or any part thereof, the Parties agree to consider whether any additional and appropriate judicial or administrative efforts are necessary to gain approval of said part or Agreement. If it is mutually determined that the part or Agreement must be renegotiated to gain approval by the state regulatory body, the Parties agree to do so on an expedited basis. If the Parties fail to reach agreement, either Party may seek resolution pursuant to Section 16 (Dispute Resolution Procedures) of this Agreement. BellSouth shall be responsible for filing the Agreement with the appropriate regulatory authority. Filing fees will be divided equally between the Parties. To the extent public interest notice is required, WorldCom shall be responsible for such publication, and the costs thereof shall be divided equally between the Parties.

Section 3. Assignment and Subcontract

3.1 Any assignment by either Party to any non-affiliated entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. A Party may assign this Agreement or any right, obligation, duty or other interest hereunder to an Affiliate company of the Party without the consent of the other Party upon written notice.

The Parties agree to execute an amendment to this Agreement in a timely manner reflecting any such assignment. All obligations and duties of any Party under this Agreement shall be binding on all successors in interest and assigns of such Party. No assignment or delegation hereof shall relieve the assignor of its obligations under this Agreement in the event that the assignee fails to perform such obligations.

3.2 If any Party's obligation under this Agreement is performed by a subcontractor or affiliate, the Party subcontracting the obligation nevertheless shall remain fully responsible for the performance of this Agreement in accordance with its terms, and shall be solely responsible for payments due its subcontractors or affiliates. No subcontractor or affiliate shall be deemed a third party beneficiary for any purposes under this Agreement.

Section 4. Governing Law

This Agreement shall be governed by and construed in accordance with applicable federal law and applicable state telecommunications laws and the contract laws of the state of Georgia, without regard to its conflicts of laws principles.

Section 5. Relationship of Parties

Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of all employees assisting in the performance of such obligations.

Section 6. No Third Party Beneficiaries

The provisions of this Agreement are for the benefit of the Parties hereto and not for any other person. This Agreement shall not provide any person not a Party hereto with any remedy, claim, liability, reimbursement, claim of action, or other right in excess of those existing without reference hereto.

Section 7. Intellectual Property Rights and Indemnification

7.1 Any intellectual property which originates from or is developed by a Party shall remain in the exclusive ownership of that Party. Except for a limited license to use patents or copyrights to the extent necessary for the Parties to use any facilities or equipment (including software) or to receive any service solely as provided under this Agreement, no license in patent, copyright, trademark or trade secret, or other proprietary or intellectual property right now or hereafter owned, controlled or licensable by a Party, is granted to the other Party or shall be implied or arise by estoppel. It is the responsibility of each Party to ensure at

no additional cost to the other Party that it has obtained any necessary licenses in relation to intellectual property of third parties used in its network that may be required to enable the other Party to use any facilities or equipment (including software), to receive any service, or to perform its respective obligations under this Agreement.

7.2 The Party providing a service pursuant to this Agreement shall defend the Party receiving such service or data provided as a result of such service against claims of infringement arising solely from the use by the receiving Party of such service and shall indemnify the receiving Party for any damages awarded based solely on such claims in accordance with Section 8.

7.3 In the event that use of any facilities or equipment (including software), becomes or, in reasonable judgment of the Party who owns the affected network is likely to become, the subject of a claim, action, suit, or proceeding based on intellectual property infringement, then said Party shall promptly and at its sole expense, but subject to the limitations of liability set forth below:

(i) modify or replace the applicable facilities or equipment (including software) while maintaining form and function, or (ii) obtain a license sufficient to allow such use to continue. In the event (i) or (ii) are commercially unreasonable, then said Party may, (iii) terminate, upon reasonable notice, this contract with respect to use of, or services provided through use of, the affected facilities or equipment (including software), but solely to the extent required to avoid the infringement claim.

7.4 Neither Party's obligations under this Section shall apply to the extent the infringement is caused by: (i) modification of the facilities or equipment (including software) by the indemnitee; (ii) use by the indemnitee of the facilities or equipment (including software) in combination with equipment or facilities (including software) not provided or authorized by the indemnitor provided the facilities or equipment (including software) would not be infringing if used alone; (iii) conformance to specifications of the indemnitee which would necessarily result in infringement; or (iv) continued use by the indemnitee of the affected facilities or equipment (including software) after being placed on notice to discontinue use as set forth herein.

7.5 The foregoing shall constitute the Parties' sole and exclusive remedies and obligations with respect to a third party claim of intellectual property infringement arising out of the conduct of business under this Agreement.

Section 8 Indemnification and Liability

8.1. Liability Cap.

8.1.1 With respect to any claim or suit, whether based in contract, tort or any other theory of legal liability, by WorldCom, any WorldCom customer or by any other person or entity, for damages associated with any of the services provided by BellSouth pursuant to or in connection with this Agreement, including but not limited to the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of the remainder of this Section, BellSouth's liability shall be limited to an amount equal to the proportionate charge for the service provided pursuant to this Agreement for the period during which the service was affected. Notwithstanding the foregoing, claims for damages by WorldCom, any WorldCom customer or any other person or entity resulting from the gross negligence or willful misconduct of BellSouth shall not be subject to such limitation of liability.

8.1.2 With respect to any claim or suit, whether based in contract, tort or any other theory of legal liability, by BellSouth, any BellSouth customer or by any other person or entity, for damages associated with any of the services provided by WorldCom pursuant to or in connection with this Agreement, including but not limited to the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of the remainder of this Section, WorldCom's liability shall be limited to an amount equal to the proportionate charge for the service provided pursuant to this Agreement for the period during which the service was affected. Notwithstanding the foregoing, claims for damages by BellSouth, any BellSouth customer or any other person or entity resulting from the gross negligence or willful misconduct of WorldCom shall not be subject to such limitation of liability.

8.2 Neither Party shall be liable for any act or omission of any other telecommunications company to the extent such other telecommunications company provides a portion of a service.

8.3 Neither Party shall be liable for damages to the other Party's terminal location, Interconnection Point or the other Party's customers' premises resulting from the furnishing of a service, including but not limited to the installation and removal of equipment and associated wiring, except to the extent the damage is caused by such Party's gross negligence or willful misconduct, or by a Party's failure properly to ground a local loop after disconnection using sound engineering principles.

8.4 The Party providing services under this Agreement, its affiliates and its parent company shall be indemnified, defended and held harmless by the Party receiving such services against any claim, loss or damage arising from the receiving Party's use of the services provided under this Agreement,

involving: 1) claims for libel, slander, invasion of privacy or copyright infringement arising from the content of the receiving Party's own communications; 2) any claim, loss, or damage claimed by the receiving Party's customer(s) arising from such customer's use of any service, including 911/E911, that the customer has obtained from the receiving Party and that the receiving Party has obtained from the supplying Party under this Agreement; or 3) all other claims arising out of an act or omission of the receiving Party in the course of using services provided pursuant to this Agreement. Notwithstanding the foregoing, to the extent that a claim, loss or damage is caused by the gross negligence or willful misconduct of a supplying Party the receiving Party shall have no obligation to indemnify, defend and hold harmless the supplying Party hereunder. Nothing herein is intended to modify or alter in any way the indemnification obligations set forth in Section 7, supra, relating to intellectual property infringement.

8.5 Neither Party guarantees or makes any warranty with respect to its services when used in an explosive atmosphere. Each Party shall be indemnified, defended and held harmless by the other Party or the other Party's customer from any and all claims by any person relating to the other Party or the other Party's customer's use of services so provided.

8.6 Promptly after receipt of notice of any claim or the commencement of any action for which a Party may seek indemnification pursuant to this Section, such Party (the "Indemnified Party") shall promptly give written notice to the other Party (the "Indemnifying Party") of such claim or action, but the failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability it may have to the Indemnified Party except to the extent the Indemnifying Party has actually been prejudiced thereby. The Indemnifying Party shall be obligated to assume the defense of such claim, at its own expense. The Indemnified Party shall cooperate with the Indemnifying Party's reasonable requests for assistance or information relating to such claim, at the Indemnifying Party's expense. The Indemnified Party shall have the right to participate in the investigation and defense of such claim or action, with separate counsel chosen and paid for by the Indemnified Party. Unless the Indemnified Party chooses to waive its rights to be indemnified further in any claim or action, the Indemnified Party's counsel shall not interfere with the defense strategy chosen by the Indemnifying Party and its counsel, and the Indemnified Party's counsel shall not raise any claims, defenses, or objections or otherwise take a course of action in representation of the Indemnified Party when such course of action might be in conflict with a course of action or inaction chosen by the Indemnifying Party. The Indemnifying Party is not liable under this Section 8 for settlements or compromises by the Indemnified Party of any claim, demand, or lawsuit unless the Indemnifying Party has approved the settlement or compromise in advance or unless the Indemnified Party has tendered the defense of the claim, demand, or lawsuit to the Indemnifying Party.

in writing and the Indemnifying Party has failed to promptly undertake the defense.

8.7 Both Parties agree that they, at their own cost and expense, shall maintain throughout the term of this Agreement, all insurance required by law or required under this Agreement, and may at their own cost and expense purchase insurance or self-insure for their employer, public, professional and legal liabilities. No limit of liability on any policy, no program or self-insurance, nor any failure to maintain adequate insurance coverage shall limit the direct or indirect liability of either Party.

8.8 Insurance

8.8.1 The obligations regarding insurance coverage set forth in the appropriate state MCImetro/BellSouth interconnection agreement, executed between the Parties shall apply to this Agreement and are incorporated herein by this reference.

Section 9. Notices

Except as otherwise provided herein, all notices or other communication hereunder shall be deemed to have been duly given when made in writing and delivered in person by overnight courier, or deposited in the United States mail, certified mail, postage prepaid, return receipt requested and addressed as follows:

To WorldCom: Senior Vice President
Network Financial Management
MCImetro Access Transmission Services, L.L.C.
2270 Lakeside Blvd.
Richardson, TX 75081

Copy to: Chief Counsel – Business Transactions
MCI Communications Corporation
1801 Pennsylvania Ave, N.W.
Washington, DC 20006

Vice President – Eastern Telco Line Cost
MCI WorldCom, Inc.
2520 Northwinds Parkway, 5th Floor
Alpharetta, GA 30004

Commercial Counsel
MCI WorldCom, Inc.
2520 Northwinds Parkway, 5th Floor
Alpharetta, GA 30004

To BellSouth: AVP – WorldCom Account Team
BellSouth Telecommunications, Inc.
1960 W. Exchange Pl., Ste. 402
Tucker, GA 30084

Copy to: General Attorney-Interconnection
BellSouth Telecommunications, Inc
Suite 4300
675 W. Peachtree Street, N.E.
Atlanta, Georgia 30375

If personal delivery or courier is selected to give notice, a receipt of such delivery shall be obtained. The address to which notices or communications may be given to either Party may be changed by written notice given by such Party to the other pursuant to this Section 9.

Section 10. Remedies

All rights of termination, cancellation or other remedies prescribed in this Agreement, or otherwise available, are cumulative and are not intended to be exclusive of other remedies to which the injured Party may be entitled at law or equity in case of any breach or threatened breach by the other Party of any provision of this Agreement. Use of one or more remedies shall not bar use of any other remedy for the purpose of enforcing the provisions of this Agreement.

Section 11. Waivers

11.1 No waiver of any provisions of this Agreement and no consent to any default under this Agreement shall be effective unless the same shall be in writing and properly executed by or on behalf of the Party against whom such waiver or consent is claimed.

11.2 No course of dealing or failure of any Party to strictly enforce any term, right, or condition of this Agreement in any instance shall be construed as a general waiver or relinquishment of such term, right or condition.

11.3 Waiver by either Party of any default by the other Party shall not be deemed a waiver of any other default.

Section 12. Survival

The following provisions of this Agreement shall survive the expiration or termination of this Agreement: Sections 7, 8, 14, 17 and 18, and any other obligations expressly required to be performed after the expiration or termination of the Agreement.

Section 13. Force Majeure

Neither Party shall be held liable for any delay or failure in performance of any part of this Agreement from any cause beyond its control and without its fault or negligence, such as acts of God, acts of civil or military authority, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, strikes, nuclear accidents, floods, power blackouts, or unusually severe weather. In the event of any such excused delay in the performance of a Party's obligations(s) under this Agreement, the due date for the performance of the original obligation(s) shall be extended by a term equal to the time lost by reason of delay. In the event of such delay, the delaying Party shall perform its obligations at a performance level no less than that which it uses for its own operations and shall resume performance in a nondiscriminatory manner.

Section 14. Confidentiality and Publicity

14.1 BellSouth and WorldCom will handle all issues regarding the treatment of confidential information and all matters related to publicity pursuant to the terms and conditions of the applicable state interconnection agreement existing between the Parties as of the date of the execution of this Agreement until such time as issues germane to confidentiality and publicity are resolved by the appropriate state regulatory body pursuant to an arbitration petition filed by either Party. As such, the terms and conditions regarding the treatment of confidential information and all matters related to publicity from said interconnection agreement are incorporated herein by this reference. When the issues are resolved the Parties will execute an amendment to this Agreement to incorporate the decision of the applicable state regulatory body.

Section 15. Audits and Inspections

15.1 BellSouth and WorldCom will handle all issues regarding the audits and inspections pursuant to the terms and conditions of the applicable state interconnection agreement existing between the Parties as of the date of the execution of this Agreement until such time as issues germane to audits and inspections are resolved by the appropriate state regulatory body pursuant to an arbitration petition filed by either Party. As such, the terms and conditions regarding audits and inspections from said interconnection agreement are incorporated herein by this reference. When the issues are resolved the Parties will execute an amendment to this Agreement to incorporate the decision of the applicable state regulatory body.

Section 16. Dispute Resolution Procedures

16.1 The Parties recognize and agree that the Commission has

continuing jurisdiction to enforce all terms and conditions of this Agreement. Accordingly, the Parties agree that any dispute arising out of or relating to this Agreement that the Parties themselves cannot resolve, may be submitted to the Commission for resolution. Either Party may seek expedited resolution by the Commission. If the Commission appoints an expert(s) or other facilitator(s) to assist in its decision making, each Party shall pay half of the fees and expenses so incurred. During the Commission proceeding each Party shall continue to perform its obligations under this Agreement; provided, however that neither Party shall be required to act in any unlawful fashion. This provision shall not preclude the Parties from seeking relief available in any other forum. In this Agreement, "Commission" means the applicable state agency having jurisdiction over telecommunications matters.

Section 17. Taxes

17.1 The obligations regarding the terms and conditions regarding the treatment and payment of taxes set forth in the appropriate state MCImetro/BellSouth interconnection agreement, executed between the Parties, shall apply to this Agreement and are incorporated herein by this reference

Section 18. Responsibility for Environmental Contamination

18.1 WorldCom shall in no event be liable to BellSouth for any costs whatsoever resulting from the presence or Release of any environmental hazard that WorldCom did not introduce to the affected Work Location so long as WorldCom's actions do not cause or substantially contribute to the Release of any Environmental Hazard. BellSouth shall, at WorldCom's request, indemnify, defend, and hold harmless WorldCom, each of its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties and expenses (including reasonable attorneys fees) that arise out of or from (i) any environmental hazard that BellSouth, its contractors or agents introduce to the Work Locations or (ii) the presence or Release of any environmental hazard for which BellSouth is responsible under Applicable Law, to the extent the Release of any Environmental Hazard is not caused or substantially contributed to by WorldCom's actions.

18.2 BellSouth shall in no event be liable to WorldCom for any costs whatsoever resulting from the presence or Release of any environmental hazard that BellSouth did not introduce to the affected Work Location, so long as BellSouth's actions do not cause or substantially contribute to the Release of any Environmental Hazards. WorldCom shall, at BellSouth's request, indemnify, defend, and hold harmless BellSouth, each of its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties and expenses (including reasonable attorneys' fees) that arise out of or result from (i) any environmental hazard that WorldCom, its contractors or agents introduce to the Work Locations, or (ii) the presence of

Release of any environmental hazard for which WorldCom is responsible under applicable law to the extent the Release of any Environmental Hazard is not caused or substantially contributed to by BellSouth's actions.

Section 19. Amendments and Modifications

No provision of this Agreement shall be deemed waived, amended or modified by either Party unless such a waiver, amendment or modification is in writing, dated, and signed by both Parties.

Section 20. Severability

Subject to Section 2 - Regulatory Approvals, if any part of this Agreement is held to be invalid for any reason, such invalidity will affect only the portion of this Agreement which is invalid. In all other respects this Agreement will stand as if such invalid provision had not been a part thereof, and the remainder of the Agreement shall remain in full force and effect.

Section 21. Headings Not Controlling

The headings and numbering of Sections, Parts and Attachments in this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

Section 22. Entire Agreement

This Agreement, including all Parts and Attachments and subordinate documents attached hereto or referenced herein, all of which are hereby incorporated by reference herein, constitute the entire matter thereof, and supersede all prior oral or written agreements, representations, statements, negotiations, understandings, proposals, and undertakings with respect to the subject matter thereof.

Section 23. Counterparts

This Agreement may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

Section 24. Successors and Assigns

This Agreement shall be binding upon, and inure to the benefit of, the Parties hereto and their respective successors and permitted assigns.

Section 25. Construction

Unless the context clearly indicates otherwise, words described in this Section 35 should be construed to have the meanings given here. The word "shall" is used in this Agreement to mean, "has a duty to." The word "may" is used in this Agreement to mean, "is permitted to." The word "will" is used in this Agreement to denote a future event. The word "must" is used in this Agreement to denote a required characteristic of an inanimate or intangible object.

Section 26 Law Enforcement Interface

BellSouth shall provide seven days per week/24 hours per day (i) installation and information retrieval pertaining to traps, (ii) assistance involving emergency traces and (iii) information retrieval on Customer invoked CLASS services, including, but not limited to, call traces requested by WorldCom. BellSouth shall provide all necessary assistance to facilitate the execution of wiretap or dialed number recorder orders from law enforcement authorities.

Section 27 Subpoenas and Court Orders.

For WorldCom resold services and where BellSouth provides local switching to WorldCom, BellSouth will respond to subpoenas and court ordered requests delivered directly to BellSouth for the purpose of providing call detail records when the targeted telephone numbers belong to WorldCom end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request. WorldCom agrees that in cases where WorldCom receives subpoenas or court ordered requests for call detail records for targeted telephone numbers belonging to WorldCom end users, WorldCom will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth. Billing for call detail information will be generated by BellSouth and directed to the law enforcement agency initiating the request. In cases where the timing of the response to the law enforcement agency prohibits WorldCom from having the subpoena or court ordered request redirected to BellSouth by the law enforcement agency, WorldCom will furnish the official request to BellSouth for providing the call detail information. BellSouth will provide the call detail records to WorldCom and bill WorldCom for the information. WorldCom agrees to reimburse BellSouth for the call detail information provided. BellSouth will redirect subpoenas and court ordered requests for WorldCom end user and/or other customer information to WorldCom when BellSouth does not have the information requested.

Section 28. Timeframes

Time periods described in this Agreement in days shall be interpreted to mean calendar days, unless otherwise specified.

Section 29. Waiver

The Parties acknowledge this Agreement is intended to implement a trial

business arrangement. By executing this Agreement, neither Party is intending to waive a claim or defense or alter a policy in any forum or jurisdiction. Neither Party shall assert that the other Party is estopped from making any claim or defense by virtue of executing this Agreement.

Section 30. Term

The term of this Agreement shall be as set forth in the Attachment.

IN WITNESS WHEREOF, each of the Parties has caused this Agreement to be executed by its duly authorized representatives.

MCImetro Access Transmission
Services, L.L.C.

By: Marcel Henry
Name: Marcel Henry
Title: Vice President
Date: 8/14/00

BellSouth Telecommunications,
Inc.

By: Jerry D. Hendrix
Name: Jerry D. Hendrix
Title: Sr. Director
Date: 8/9/00

Local Service Combo Attachment

1. **Term.** This Attachment shall be effective on the later of the dates signed by the Parties, and shall continue in effect for a period of two years. After this initial two-year period, this Attachment shall renew automatically for successive two-year periods, unless either Party gives the other Party written notice of a desire not to renew. If such notice is provided at least 180 days before the end of the then-current initial or subsequent two-year period, this Attachment shall not renew, but shall terminate at the end of the then-current two-year period.
 2. **Scope.** This Attachment applies to the services specified in Paragraph 3 provisioned within the NEW ORLEANS and KENNER rate centers in New Orleans, Louisiana; the CHARLOTTE rate center in Charlotte, North Carolina; and the NASHVILLE rate center in Nashville, Tennessee. The Attachment may be expanded into other rate centers served by BellSouth by mutual agreement between the Parties.
 - 2.1 Through the execution of this Agreement, BellSouth and WorldCom intend for WorldCom to purchase both of the services set forth in this Agreement, each service being purchased in sufficient quantities so that together WorldCom will comply with the minimum quantities set forth in Paragraph 8 of this Attachment.
 - 2.2 Within thirty days after WorldCom notifies BellSouth that it wants to expand into additional rate centers, BellSouth will reply with proposed modifications to this Attachment. If the expansion request is for additional rate centers within states already covered by this Attachment, the modifications shall be only an amendment to include those rate centers in this Attachment. If the expansion request is for a new state, revisions may include additional rates, as well as adjustments to the Service Level Agreement (SLA) and line level requirements. Changes proposed by BellSouth shall apply to the new rate centers only. Once the Parties agree to the terms of the expansion and all legal and regulatory requirements have been met, service may be ordered beginning on a date mutually agreed upon by the Parties.
 3. **Services.** The services provided by BellSouth to WorldCom are Digital Direct Integration Termination Service (DDITS) and Primary Rate ISDN (PRI) service. The Attachment may be expanded to include other services by mutual agreement between the Parties.
 - 3.1 WorldCom must provide a unique OCN for BellSouth to use in providing service under this Attachment.
 - 3.2 The procedure for inclusion of additional services that are offered by BellSouth by tariff, by interconnection agreement, or by special assembly on the date of the WorldCom request in the service area specified by WorldCom is as follows:

Within thirty days after WorldCom notifies BellSouth that it wants to add an additional service, BellSouth will reply with a proposal that addresses pricing, service levels, installation intervals, line level requirements, and any other terms relevant to the additional service. Once the Parties agree to the rates, terms and conditions for the provision of the additional service and all legal and regulatory requirements have been met, service may be ordered beginning on a date mutually agreed upon by the Parties.
 - 3.3 The procedure for inclusion of additional services that are not offered by BellSouth by tariff, by interconnection agreement, or by special assembly on the date of the WorldCom request in the service area specified by WorldCom is as follows:

Within ninety days after WorldCom notifies BellSouth that it wants to add an additional service, BellSouth will reply with a proposal that addresses service description, pricing, service levels, installation intervals, line level requirements, and any other rates, terms and conditions relevant to the additional service. Once the Parties agree
-

to said rates, terms and conditions for the provision of the additional service and all legal and regulatory requirements have been met, service may be ordered beginning on a date mutually agreed upon by the Parties. If BellSouth cannot accommodate WorldCom's request, BellSouth shall so notify WorldCom within 30 days of the request.

3.4 Service Definitions:

3.4.1 **DDITS** (Digital Direct Integration Termination Service) is an arrangement that terminates a 4-wire digital loop directly into a digital switch port. The facility consists of a DS1 (1.544 MBPS) circuit. The facility allows for the end user to send and receive normal voice telecommunications traffic. Each DS1 can handle up to 24 channels. These channels must be local measured trunk side terminated CPE ports on a 4-wire digital loop consisting of one or any combination of the following offerings:

- 2-Way Combination
- 1-Way, Outward
- 1-Way, Inward, without DID
- 1-Way, Inward, with DID
- 2-Way, Direct Inward Dialing (DID), Digital CPE with User Transfer

3.4.2 **PRI** (Primary Rate ISDN) is defined in section A42.3.1 of the applicable State BellSouth General Subscriber Services Tariff (GSST).

4. Adjustments to Rates.

4.1 If BellSouth changes the retail rate for PRI services, as set forth in this section, by 7 percent or more in the area where the PRI service is provided, then the recurring rates for PRI in Paragraph 7.2.2 will be adjusted in the area where the PRI service is provided \$0.70 for each \$1 change in the retail rate.

4.1.1 For the purposes of this section, the rate changes may occur as a single change or they may be the result of a series of changes over the life of this Attachment.

4.1.2 For the purposes of this section, the percent change will be calculated on the basis of the total of the recurring 24 to 48 month rate elements in effect at the time this Attachment takes effect. These rates are itemized in Paragraph 4.1.5.

4.1.3 If the rates for PRI are adjusted under this section, then the table in Paragraph 4.1.5 will be updated to reflect BellSouth's new retail rates for PRI in the area where the PRI rates were adjusted. The total of these new rates will then become the basis for future rate change calculations in that area.

4.1.4 The rate elements and rates may be found in section A42.3 of the appropriate state's BellSouth General Subscriber Services Tariff (GSST).

4.1.5 BellSouth retail PRI rates:

Description	USOC	24 to 48 Months Rates					
		LA	Per Sys	NC	Per Sys	TN	Per Sys
BellSouth® Primary Rate ISDN, Access Line	1LD1E	\$130.00	\$130.00	\$130.00	\$130.00	\$130.00	\$130.00
BellSouth® Primary Rate ISDN Interface, Voice/Data	PR71V	375.00	375.00	375.00	375.00	375.00	375.00
BellSouth® Primary Rate ISDN B-Channels, Voice Data	PR7BV	60.00	1,380.00	54.90	1,262.00	52.25	1,201.75
Total			\$1,885.00		\$1,767.00		\$1,706.75

- 4.2 If BellSouth by tariff or special assembly offers a DDITS service, WorldCom may request a renegotiation of the rates, terms and conditions for DDITS in this Attachment. Upon, such a request, the Parties shall negotiate in good faith to achieve new mutually agreeable rates, terms, and conditions. If the Parties are unable to agree on new rates, terms, and conditions, the requirements of Paragraph 8.1 will be reduced by 62.5 lines for each month remaining in this Attachment beginning with the month in which WorldCom requested renegotiation.
 5. Early Cancellation. During the first six months or until 750 lines are in service whichever comes later, either party may terminate this Attachment within thirty days after BellSouth performs below the 70 percent level as defined in Paragraph 9 for three consecutive months.
 6. Treatment of Existing Service when Attachment terminates.
 - 6.1 If this Attachment is not renewed by BellSouth or if it is cancelled by either party under Paragraph 5, then during the next 24 months:
 - 6.1.1 No requests for new customers may be placed.
 - 6.1.2 The Service Level Agreement in Paragraph 9 will continue to apply.
 - 6.1.3 The Liquidated Damages in Paragraph 10.1 will continue to apply.
 - 6.1.4 During the second 12 months, the measurement target levels in Paragraph 9 will remain as is or will revert to average access levels whichever is less stringent.
 - 6.1.4.1 If a Service Level Agreement for Access Services exists between the Parties at the time the provisions of 6.1.4 are applied, then the target for each of the measurements in Paragraph 9 will be compared with the equivalent Access target to determine which is less stringent. If there is no equivalent Access target in a service level agreement, then the target for that measure in Paragraph 9 will be compared with the average of the equivalent Access measure in the BellSouth performance data over the preceding 12 months to determine which is less stringent.
 - 6.1.4.2 If a Service Level Agreement for Access Services does not exist between the Parties at the time the provisions of 6.1.4 are applied, then the target for each of the measurements in Paragraph 9 will be compared with the average of the equivalent Access measure in the BellSouth performance data over the preceding 12 months to determine which is less stringent.
 - 6.1.4.3 Once the targets have been set under 6.1.4.1 or 2, whichever is appropriate, these targets shall be in effect for the remainder of the second 12 months.
 - 6.1.5 Service to existing customers at existing locations, including but not limited to moves, adds, changes, and disconnects, shall continue at the rates in Paragraph 7.
 - 6.2 If this Attachment expires or is cancelled and the provisions of Paragraph 6.1 do not apply, then for 12 months after the Attachment has expired or has been cancelled:
 - 6.2.1 No requests for new customers may be placed.
 - 6.2.2 The Service Level Agreement in Paragraph 9 will continue to apply as well as the Liquidated Damages in Paragraph 10.2.
-

- 6.2.3 Service to existing customers at existing locations, including but not limited to moves, adds, and changes, shall continue at the rates in Paragraph 7.
 - 6.3 During the twelve or twenty-four months (whichever is appropriate) after this Attachment has expired or has been cancelled, BellSouth will prepare and present a re-sale proposal to WorldCom for PRI. This proposal will also include a DDITS Special Assembly less the wholesale discount for the appropriate State.
 - 6.4 If this Attachment expires or is cancelled and agreement has not been reached between the Parties under Paragraph 6.3, then services to existing customers still in place after the twelve or twenty-four month interval (whichever is appropriate) shall be billed at the retail rate in effect at the time less the wholesale discount for the appropriate State.
7. Rates. The rates for services purchased under this Attachment are as follows:
- 7.1 General Notes:
 - 7.1.1 Once a rate band threshold in Paragraph 8 is exceeded, the new rates will be applied retroactively to the anniversary of the current year of this Attachment.
 - 7.1.2 Other charges that may apply include:
 - 7.1.2.1 Federal
 - 7.1.2.1.1 End User Common Line (EUCL)

End user common line charges may be found in Section 4.7 of BellSouth Tariff FCC No. 1. This charge applies to PRI but not to DDITS. The rate at the time of the execution of this Attachment is \$39.20. The Parties recognize that this rate may change over the life of this Attachment.
 - 7.1.2.1.2 Local Number Portability End User Line Charge

This charge is described in Section 13.3.21 of BellSouth Tariff FCC No. 1. This charge applies to PRI but not to DDITS. The rate at the time of the execution of this Attachment is \$1.75. The Parties recognize that this rate may change over the life of this Attachment.
 - 7.1.2.1.3 Telecommunications Relay Charge

This charge recovers certain costs associated with providing services to the hearing impaired. This charge applies to PRI but not to DDITS. Although the charge originates from FCC action, it is collected on a state by state level based on charges specified in various PSC orders. Currently TN has no customer charge, LA charges \$0.80, and NC charges \$0.35. The Parties recognize that this rate may change over the life of this Attachment.
 - 7.1.2.1.4 Presubscribed Interexchange Carrier Charge (PICC)

This charge is collected from the interexchange carrier if the end user has presubscribed to one. Otherwise it is billed to the end user. This charge applies to PRI but not to DDITS. This charge is described in Section 3.9.2 of BellSouth Tariff FCC
-

No. 1. The rate at the time of the execution of this Attachment is \$21.55. The Parties recognize that this rate may change over the life of this Attachment.

7.1.2.1.5 Federal Universal Service Charge

This charge is described in Section 3.8.6 of BellSouth Tariff FCC No. 1. This charge applies to PRI but not DDITS. The rate at the time of the execution of this Attachment is \$1.60. The Parties recognize that this rate may change over the life of this Attachment.

Note: This charge will begin with bills beginning in the September 16, 2000 billing cycle. The first bill will include monthly billing back to July 1, 2000.

7.1.2.1.6 Excess Line Port Charge

This charge is described in Section 4.6(D) of BellSouth Tariff FCC No. 1. This charge applies to PRI but not DDITS. The rate at the time of the execution of this Attachment is \$14.00. The Parties recognize that this rate may change over the life of this Attachment.

7.1.2.1.7 Taxes

7.1.2.2 State

7.1.2.2.1 Taxes

7.1.2.3 Local

7.1.2.3.1 E911 and 911

7.1.2.3.2 Franchise Fees

7.1.2.3.3 Taxes

7.2 Service Specific Rates and Notes:

7.2.1 Following are the rates and notes for DDITS:

<u>DDITS</u>			
State Specific Rates:	<u>Louisiana</u>	<u>North Carolina</u>	<u>Tennessee¹</u>
DS1 Loop	\$72.86	\$62.78	\$72.78
DS1 DID Port	\$149.27	\$123.65	\$120.00
Non-Recurring ²	\$450.00	\$450.00	\$450.00
Moves, Adds, and Changes:			
Per Order	\$68.57	\$74.24	\$70.35
Per DS0 activated or changed:	\$26.60	\$28.82	\$27.30
Interoffice Transport Charges³:			
Per DS1, per Month	\$93.40	\$71.29	\$75.83
Per DS1, per Mile	\$0.78	\$0.5753	\$0.35
Band Specific Rates:	<u>Band 1</u>	<u>Band 2</u>	<u>Band 3</u>
Enhanced Performance Charges ⁴	\$13.08	\$10.58	\$8.58
MOU rates⁵:			
End office, per MOU		\$0.0021025	
End office interoffice trunk port, per MOU		\$0.0002287	
Tandem switching, per MOU		\$0.0007849	
Tandem interoffice trunk port, per MOU		\$0.0003331	
Common transport – per mile, per MOU		\$0.0000101	
Common transport – facilities termination, per MOU		\$0.0004593	
Notes:			
1. Tennessee has not approved a DS1 loop rate. Once a rate is approved, the rate table will be revised accordingly.			
2. Each DDITS service must stay in place for a minimum of 4 months. (Service disconnected within four months will be billed as if it had been in service for a total of four months.) There are no additional charges for manual service orders.			
3. Interoffice Transport Charges apply when the end user's serving wire center is an analog office and the DDITS serving office is not collocated with the analog office.			
4. The EPC applies per DS0 activated.			
5. The application of the MOU, or usage rates, is described in detail in the call-flow diagrams which may be found in Attachment 2 to this Agreement, incorporated herein by this reference. Nothing in the call-flow diagrams would limit WorldCom's ability to bill other parties for all services provided.			
6. The rates within this table include any charges for access to operations support systems (OSS) as well as service ordering charges for DDITS.			
7. BellSouth and WorldCom will handle all issues regarding the definition of local traffic and whether reciprocal compensation applies to Information Service Provider traffic pursuant to the terms and conditions of the applicable State interconnection agreement existing between the Parties as of the date of the execution of this Attachment until such time as these issues are resolved by the appropriate State regulatory body pursuant to an arbitration petition filed by either Party. As such, the terms and conditions regarding these issues are incorporated herein by this reference. When the issues are resolved, the Parties will execute an amendment to this Attachment to incorporate the decision of the applicable State regulatory body and will be applied retroactively to the effective date of this Attachment.			

7.2.2 Following are the rates and notes for PRI:

<u>PRI</u>				
State Specific Rates:	<u>Louisiana</u>	<u>North Carolina</u>	<u>Tennessee</u>	
Non-Recurring – New service	\$550.00	\$550.00	\$550.00	
Transfer of Service	\$8.00	\$9.00	\$8.00	
Moves, Adds, and Changes ¹	---	---	---	
Band Specific Rates:	<u>Band 1</u>	<u>Band 2</u>	<u>Band 3²</u>	<u>Band 3 Plus³</u>
Recurring	\$900.00	\$850.00	\$800.00	\$750.00

Notes:

1. Rates for PRI Moves, Adds, and Changes may be found in the appropriate State specific BellSouth General Subscriber Services Tariff (GSST), section A42.3.4.G, and shall be discounted by the applicable wholesale discount rate.
2. In addition to the Band 3 minimum line level specified in Paragraph 8, at least 500 PRIs (not including PRIs sold to UUNET) must be in service.
3. In addition to the Band 3 minimum line level specified in Paragraph 8, at least 1000 PRIs (not including PRIs sold to UUNET) must be in service.
4. The rates within this table include any charges for access to operations support systems (OSS) as well as service ordering charges for PRI.

7.3 Expedite and Cancellation Charges:

The Parties will continue to handle Expedites and Cancellations in accordance with current practices until the issues relating to these charges currently under arbitration are resolved. Once these issues are resolved, the Expedite and Cancellation section(s) and rates in the Local Interconnection Agreement between the Parties will be inserted by amendment into this Attachment in this section.

8. Volume Bands and Minimum Line Level.

End of Year Lines In-Service Volume Requirement				
Band 1		Band 2		Band 3
Min	Max	Min	Max	Min
3,000	20,000	20,001	50,000	50,001

8.1 If less than 3,000 lines are in service at the end of Year 2, all prices revert to the resale rates in effect at the time.

8.2 WorldCom may request renegotiation of the minimum in Paragraph 8.1 if WorldCom believes that BellSouth has jeopardized WorldCom's ability to meet that minimum by providing provisioning in a manner that is significantly worse than the normal problems encountered in providing service consistent with the targets in Paragraph 9. The request for renegotiation shall be based on BellSouth's inability to fill orders due to capacity, number resource, or facility constraints.

- 8.2.1 If the parties are unable to reach agreement, the matter will be submitted to the commission under the dispute resolution provisions of Section 16 of the General Terms and Conditions of this Agreement.
- 8.2.2 Within 30 days after this Attachment is signed, the Parties will work together to develop the means of measuring and reporting provisioning problems under this Paragraph.
- 8.4 For the purposes of determining Lines In-Service under this Attachment:
DDITS (each activated channel) = 1 line
PRI = 24 lines
- 8.5 PRI lines sold to UUNET its assigns or successors under this Attachment do not count as Lines In-Service for determining prices or minimum levels. Such lines are also excluded from the calculations in Paragraph 7.2.2 Notes 2 and 3. Notwithstanding the foregoing, PRI lines sold to UUNET under this Attachment shall be at the rates set forth in this Attachment.
9. Service Level Agreement. The services sold under this Attachment will be subject to the following performance targets and weightings:

Measurement	Weighted Avg.	Targets (DDITS, PRI)
Circuit Install vs. FOC date	0.23	95%
Ckt Install vs. Std. Interval (See intervals below in Paragraph 11)	0.10	Meet or exceed interval 90% of time
No Circuit Failure within 30 days of Install	0.23	98%
No Repeat Troubles within 30 days	0.14	83%
MTTR	0.20	5 hours
FOC Receipt	0.10	5 days ¹

¹ DS1 level services require a service inquiry.

9.1 Measurement Definitions, Specific Exclusions, and Calculation:

9.1.1 Circuit Install versus Firm Order Commitment (FOC) Date

Definition – the number of circuits installed on the FOC date or another date agreed to by the Parties.

Specific Exclusions – Customer requested changes to the FOC date, customer not ready, no access, cancelled orders, disconnect (D) & from (F) orders, and order activities of BellSouth or WorldCom associated with internal or administrative use of local services (record orders, test orders, etc.).

Calculation = $[(\# \text{ Met} - \text{Exclusions}) \div (\text{Total Orders} - \text{Exclusions})] \times 100$

Index Factor = If Calculation $\geq$ Target, then Index Factor = 100

Otherwise:

Index Factor = $(\text{Calculation} \div \text{Target}) \times 100$

9.1.2 Circuit Install versus Standard Interval

Definition – the number of circuits installed within the standard intervals in Paragraph 11.

Specific Exclusions – The interval does not begin until a clean and accurate order for service is received. Customer requested changes to the due date, customer not ready, no access, cancelled orders, disconnect (D) & from (F) orders, and order activities of BellSouth or WorldCom associated with internal or administrative use of local services (record orders, test orders, etc.).

Calculation = $[(\# \text{ Met} - \text{Exclusions}) \div (\text{Total} - \text{Exclusions})] \times 100$

Index Factor = If Calculation $\geq$ Target, then Index Factor = 100

Otherwise:

Index Factor = $(\text{Calculation} \div \text{Target}) \times 100$

9.1.3 No Circuit Failure within 30 Days of Install (P-7)

Definition – The percent provisioning troubles within 30 days of installation measures the quality and accuracy of installation activities.

Specific Exclusions – Trouble reports: Multiple reports of the same outage, no trouble found, trouble found in customer premise equipment or inside wire, and cancelled reports.

Orders: D and F orders, as well as order activities of BST or WorldCom associated with internal or administrative use of local services (R Orders, Test Orders, etc.).

Calculation = $\{1 - [(\# \text{ Reports w/i 30 days of install} - \text{Trouble Report Exclusions}) \div (\text{Total \# of circuits installed} - \text{Order Exclusions})]\} \times 100$

Index Factor = If Calculation $\geq$ Target, then Index Factor = 100

Otherwise:

Index Factor = $(\text{Calculation} \div \text{Target}) \times 100$

9.1.4 No Repeat Troubles within 30 Days (M&R-4)

Definition – Trouble reports on the same line/circuit as a previous trouble report received within 30 calendar days as a percent of total troubles reported.

Specific Exclusions – Multiple reports of the same outage, not trouble found, trouble found but not in BellSouth facilities, and cancelled reports.

Calculation = $\{1 - [(\# \text{ Reports w/i 30 days of previous report} - \text{Exclusions}) \div (\# \text{ of reports} - \text{Exclusions})]\} \times 100$

Index Factor = If Calculation $\geq$ Target, then Index Factor = 100

Otherwise:

Index Factor = $(\text{Calculation} \div \text{Target}) \times 100$

9.1.5 Mean Time To Repair (MTTR) (M&R-3)

Definition – the average duration of customer trouble reports from the receipt of the customer trouble report to the time that the trouble report is cleared.

Specific Exclusions – No access to end user location when access is required, WorldCom personnel unavailable when required, multiple reports of the same outage, INFO reports, cancelled reports, no trouble found, trouble found but not in BellSouth facilities, and trouble reports greater than 10 days.

Calculation – $[(\text{Total elapsed time of all trouble reports} - \text{Exclusions}) \div (\# \text{ of reports} - \text{Exclusions})] \times 100 = \text{average duration}$

Index Factor = If Average Duration $\leq$ Target, Index Factor = 100%

Otherwise,

$\{1 - [(\text{Average Duration} - \text{Target}) \div \text{Target}]\} \times 100$

9.1.6 FOC Receipt

Definition – the number of Firm Order Commitment dates received within the time frame specified in the measurement table. For the purposes of this measure, orders received outside of normal business hours will be treated as if they were received at the start of the next business day (normal business hours are contained in Paragraph 12). The interval does not begin until a clean and accurate order for service is received.

Specific Exclusions –Cancelled orders.

Calculation – $[(\# \text{ Met} - \text{Exclusions}) \div (\text{Total} - \text{Exclusions})] \times 100$

Index Factor – If Calculation $\geq$ Target, then Index Factor = 100

Otherwise:

Index Factor = $(\text{Calculation} \div \text{Target}) \times 100$

9.2 Calculation of the Composite Performance Index:

Circuit Install versus Firm Order Commitment (FOC) Date

Index Factor X Weighted Average = Measurement Value

Circuit Install versus Standard Interval

Index Factor X Weighted Average = Measurement Value

No Circuit Failure within 30 Days of Install

Index Factor X Weighted Average = Measurement Value

No Repeat Troubles within 30 Days

Index Factor X Weighted Average = Measurement Value

Mean Time To Repair (MTTR)

Index Factor X Weighted Average = Measurement Value

FOC Receipt

Index Factor X Weighted Average = Measurement Value

Composite Performance Index = the sum of the Measurement Values

10. Liquidated Damages. The composite performance index will be calculated monthly as described in Paragraph 9. The appropriate liquidated damages will be paid quarterly.

- 10.1 During the original term of the Attachment and any extensions or if the Attachment terminates under the conditions specified in Paragraph 6.1:

The Credit Percentage for each month will be applied to the EPC for that month. If the composite performance index drops below 85% in a month, then the Credit Percentage will also be applied to 31% of the PRI recurring revenues for that month.

Composite Performance Index	Credit Percentage
> = 90%	No Credit
85% - 89.9%	10% of EPC
80% - 84.9%	20% of (EPC + 31% of PRI recurring revenues)
70% - 79.9%	30% of (EPC + 31% of PRI recurring revenues)
60% - 69.9%	40% of (EPC + 31% of PRI recurring revenues)
50% - 59.9%	50% of (EPC + 31% of PRI recurring revenues)
0% - 49.9%	60% of (EPC + 31% of PRI recurring revenues)

- 10.2 In the event the Attachment terminates under the conditions specified in Paragraph 6.2, then for the period specified in Paragraph 6.2:

The Credit Percentage for each month will be applied to the EPC for that month.

Composite Performance Index	Credit Percentage
> = 90%	No Credit
85% - 89.9%	10% of EPC
80% - 84.9%	10% of EPC
70% - 79.9%	20% of EPC
60% - 69.9%	30% of EPC
50% - 59.9%	40% of EPC
0% - 49.9%	50% of EPC

11. Intervals. The following installation intervals apply to the services purchased under this Attachment. The intervals are set forth in business days.

Service	DS-1 Circuit Quantity	Interval	
		New	Switch As Is
DDITS	1 - 4 circuits	21 days	Negotiated
	> 4 circuits	Negotiated	Negotiated
PRI	1 - 4 circuits	25 days	5 days
	> 4 circuits	Negotiated	Negotiated

12. Ordering and Provisioning Process.

- 12.1 Orders for DDITs and Primary Rate ISDN Service will be faxed to BellSouth on the appropriate LSR forms until such time that an electronic ordering process is available for these services. At that time, BellSouth and WorldCom will make every effort to implement the electronic ordering process for these services.
- 12.2 BellSouth's Local Carrier Service Center (LCSC) will accept faxed LSRs during normal hours of operation. Normal hours of operation for the LCSC are currently defined as 8 a.m. to 6 p.m. eastern time Monday through Friday. Changes in hours of operation will be communicated via Carrier Notification and posted on the BellSouth web site (see address below). The WorldCom account team will accept faxed LSRs during normal hours of operation. Normal hours of operation for the account team are currently defined as 8:30 a.m. to 5 p.m. eastern time Monday through Friday.
- 12.3 The guidelines for ordering and provisioning are set forth in BellSouth Ordering Guide for CLECs, the BellSouth Guide to Interconnection and the Electronic Business Rules for Local Ordering and the Local Exchange Ordering Implementation Guide, as appropriate. The guides may be referenced at the following site:
<http://www.interconnection.bellsouth.com/guides/guides.html>.
- 12.4 Within 30 days after this Attachment is signed, the Parties will work together to more clearly define the Ordering and Provisioning Process under this Paragraph.

13. Maintenance and Repair Process.

The Unbundled Network Element Center (UNEC) will be the single point of contact for the maintenance and repair process. WorldCom will be responsible for all end-user communications related to repair and maintenance activities. BellSouth will be responsible for providing control, test, analysis and isolation functions for all trouble reports. The UNEC provides maintenance support 24 hours/day, 7 days a week.

14. Continual Improvement. The Parties will jointly develop continuous improvement initiatives. Such initiatives may include:

- Analysis and implementation of best practices.
- Process improvement resulting from systems mechanization and new capabilities.
- Electronic ordering and trouble reporting.
- 6-month reviews to analyze progress and conduct root cause analyses.

15. 911. BellSouth will update the 911 database for the services described in Paragraph 3.

16. Operator Call Processing, Inward Operator Services and Directory Assistance Services.

WorldCom will use BellSouth branded OS/DA services at the rates contained in this Paragraph. However WorldCom reserves the right to re-evaluate this provision at any time during the life of this Attachment.

- 16.1 All of the negotiated rates, terms and conditions set forth in this Section pertain to the provision of Operator Call Processing, Inward Operator Services and Directory Assistance Services. Portions of this section may be currently involved in a binding arbitration proceeding between the Parties in the negotiation of their general local interconnection agreement. If the language or rates, resulting from that arbitration is different than the language or rates that follow, such different language or rates will be inserted by amendment into this Attachment.

16.2 Operator Systems

- 16.2.1 Definition. Operator Systems is the Network Element that provides operator and automated call handling and billing, special services, end user telephone listings and optional call completion services. The Operator Systems, Network Element provides two types of functions: Operator Service functions and Directory Assistance Service functions, each of which are described in detail below.

16.3 Operator Service

- 16.3.1 Definition. Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual credit card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, credit card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, Operator-assisted Directory Assistance, and Rate Quotes.

16.3.2 Requirements

- 16.3.2.1 When WorldCom requests BellSouth to provide Operator Services, the following requirements apply:

- 16.3.2.1.1 BellSouth shall complete 0+ and 0- dialed local calls.
 - 16.3.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.
-

- 16.3.2.1.3 BellSouth shall process calls that are billed to WorldCom end user's calling card that can be validated by BellSouth.
- 16.3.2.1.4 BellSouth shall complete person-to-person calls.
- 16.3.2.1.5 BellSouth shall complete collect calls.
- 16.3.2.1.6 BellSouth shall provide the capability for callers to bill to a third party and complete such calls.
- 16.3.2.1.7 BellSouth shall complete station-to-station calls.
- 16.3.2.1.8 BellSouth shall process emergency calls.
- 16.3.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.
- 16.3.2.1.10 BellSouth shall process emergency call trace, as they do for their End users prior to the Effective Date. Call must originate from a 911 provider.
- 16.3.2.1.11 BellSouth shall process operator-assisted directory assistance calls.
- 16.3.2.1.12 BellSouth shall adhere to equal access requirements, providing WorldCom local end users the same IXC access as provided to BellSouth end users.
- 16.3.2.1.13 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to WorldCom that BellSouth provides for its own operator service.
- 16.3.2.1.14 BellSouth shall perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.
- 16.3.2.1.15 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by WorldCom.
- 16.3.2.1.16 BellSouth shall provide a feed of customer call records in "EMI" format to WorldCom in accordance with CLEC ODUF standards specified in Attachment 7.

16.3.3 Interface Requirements

- 16.3.3.1 With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of WorldCom, the interface requirements shall conform to the then current established system interface specifications for the platform used to provide Operator Service and the interface shall conform to industry standards.

16.4 Directory Assistance Service

- 16.4.1 Definition. Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the callers direction separate and distinct from local switching.
-

16.4.2 Requirements

16.4.3 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by WorldCom's end user, BellSouth shall provide caller-optional directory assistance call completion service at rates contained in this Attachment to one of the provided listings, equal to that which BellSouth provides its end users. If not available, WorldCom may request such requirement pursuant to the Bona Fide Request/New Business Process as set forth in General Terms and Conditions.

16.4.4 Directory Assistance Service Updates

16.4.4.1 BellSouth shall update end user listings changes daily. These changes include:

16.4.4.1.1 New end user connections: BellSouth will provide service to WorldCom that is equal to the service it provides to itself and its end users;

16.4.4.1.2 End user disconnections: BellSouth will provide service to WorldCom that is equal to the service it provides to itself and its end users; and

16.4.4.1.3 End user address changes: BellSouth will provide service to WorldCom that is equal to the service it provides to itself and its end users;

16.4.4.1.4 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

16.8 Rates

The prices that WorldCom shall pay to BellSouth for Network Elements and Other Services are:

16.8.1 Operator Provided Call Handling per min – Using BellSouth Line Information Database (LIDB):

State	Rate
Louisiana	\$0.40
North Carolina	\$1.06
Tennessee	\$0.30

16.8.2 Directory Assistance Access Service Calls, per call:

State	Rate
Louisiana	\$0.218700
North Carolina	\$0.271744
Tennessee	\$0.25

17 BILLING AND BILLING ACCURACY CERTIFICATION

The Parties agree that the usage billing information currently being provided by BellSouth to WorldCom for other local interconnection services is acceptable for use under this Attachment at the existing rates until the issues currently under arbitration are resolved. Once these issues are resolved, the usage billing information section and rates in the Local Interconnection Agreement between the Parties will be inserted by amendment into this Attachment in this section.

17.1 Rates:

DESCRIPTION	USOC	LA	NC	TN
ODUF/EODUF/ADUF/CMD5				
ODUF: Recording, per message	N/A	\$0.00019	\$0.008	\$0.008
ODUF: Message Processing, per message	N/A	\$0.0024	\$0.004	\$0.004
EODUF: Message Processing, per message	N/A	\$0.0034433	\$0.0034433	\$0.003443
ADUF: Message Processing, per message	N/A	\$0.004	\$0.004	\$0.004
ODUF: Data Transmission (CONNECT.DIRECT), per message	N/A	\$0.00003	\$0.001	\$0.001
ADUF: Data Transmission (CONNECT.DIRECT), per message	N/A	\$0.001	\$0.001	\$0.001

PROPOSED UNE BILLING ARRANGEMENTS

Basic Scenarios

Switching Elements Only

I. Calls that stay on the BST Network

A. Originating from an Unbundled Port

1. IntraOffice/IntraSwitch
 - a. Local
BST bills the UNE CLEC one ULS-SF
2. IntraOffice/InterSwitch
 - a. Local
BST bills the UNE CLEC two ULS-SF and two ULS-TP
3. InterOffice
 - a. Local
BST bills the UNE CLEC two ULS-SF's, two ULS-TPs, UTS-SF, two UTS-TPs, UIT-S (fixed and per mile)
 - b. Toll
BST bills the UNE CLEC resold toll

B. Terminating to an Unbundled Port

1. IntraOffice/IntraSwitch
 - a. Local
No Billing
2. IntraOffice/InterSwitch
 - a. Local
No Billing
3. InterOffice
 - a. Local
No Billing
 - b. Toll/BST originated Expanded Local Calling Area
BST bills the UNE CLEC one ULS-SF

PROPOSED UNE BILLING ARRANGEMENTS

Basic Scenarios

Switching Elements Only

II. Calls that use Multiple Networks

A. Originating from an Unbundled Port

1. Local

BST bills the UNE CLEC two ULS-SFs, two ULS-TPs, one UTS-SF, two UTS-TPs, UIT-S (fixed and per mile). BST bills the UNE CLEC UIT-S (per mile) to the FB CLEC switch and a second ULS-SF & ULS-TP to recover the LIC that the FB CLEC bills BST. Ideally, the FB CLEC should bill the UNE CLEC.

2. Toll (BST/BSLD LPIC)

BST bills the UNE CLEC Resold Toll

Terminating LEC bills BST Terminating Access (Note: There may be multiple Terminating LECs)

3. Intrastate Access

BST bills the UNE CLEC one ULS-SF. BST will also bill the UNE CLEC one ULS-TP, one UTS-SF, one UTS-TP and UIT-S (fixed and per mile) if shared transport is involved. Note, the mileage is measured from the EO to the AT. UNE CLEC may bill the IXC Originating Access based on records sent by BST.

4. Interstate Access

BST bills the UNE CLEC one ULS-SF. BST will also bill the UNE CLEC one ULS-TP, one UTS-SF, one UTS-TP and UIT-S (fixed and per mile) if shared transport is involved. Note, the mileage is measured from the EO to the AT. UNE CLEC may bill the IXC Originating Access based on records sent by BST.

B. Terminating to an Unbundled Port

1. Local

BST bills the FB CLEC a LIC

2. Toll/Intrastate Access

BST bills the UNE CLEC one ULS-SF. BST will also bill the UNE CLEC one ULS-TP, one UTS-SF, one UTS-TP and UIT-S (fixed and per mile) if shared transport is involved. Note, the mileage is measured from the EO to the AT. UNE CLEC may bill the IXC Terminating Access based on records sent by BST.

PROPOSED UNE BILLING ARRANGEMENTS

Basic Scenarios

Switching Elements Only

3. Interstate Access

BSF bills the UNE CLEC one ULS-SF. BSF will also bill the UNE CLEC one ULS-TP, one UTS-SF, one UTS-TP and UTS-S (fixed and per mile) if shared transport is involved. Note, the mileage is measured from the EO to the AT

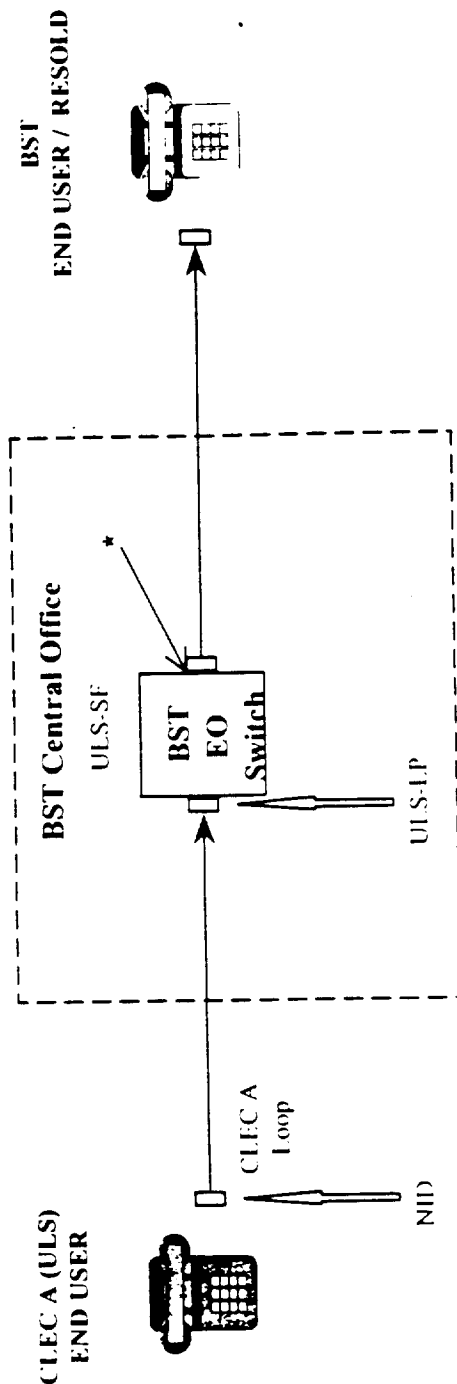
UNE CLEC may bill the IXC Terminating Access based on records sent by BSF

PROPOSED UNE BILLING ARRANGEMENTS

1. BST Network LOCAL CALLING

Intraoffice/Intraswitch

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

Usage Recordings

- Call Code 001/072 (NOT MB113) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

Billing Factors

-- NA

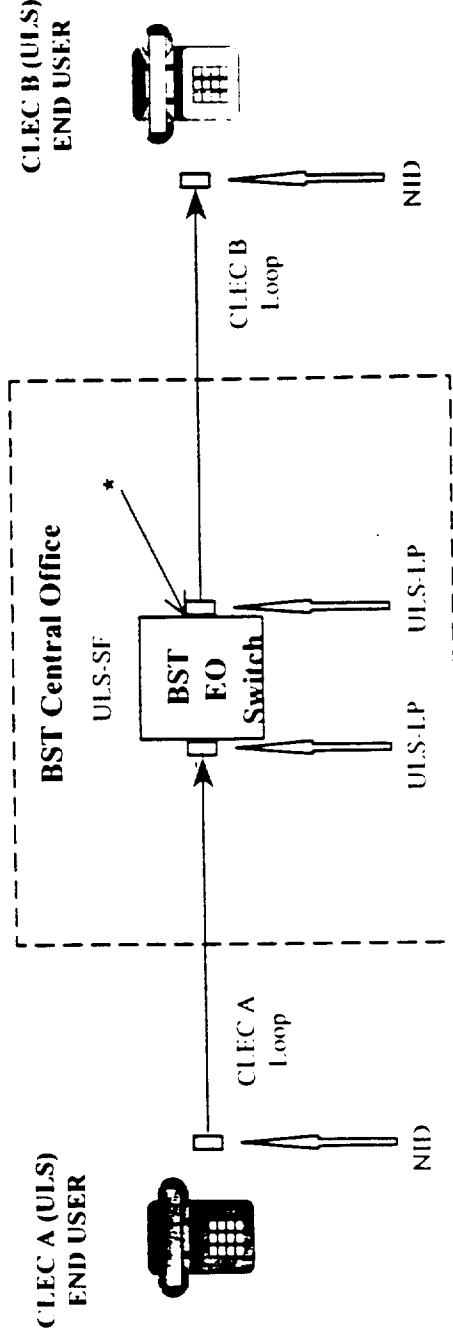
Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

2. BST Network LOCAL CALLING Intraoffice/Intraswitch

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001/072 (NOT MB113) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
-- Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

Billing Factors

-- NA

Record Exchange

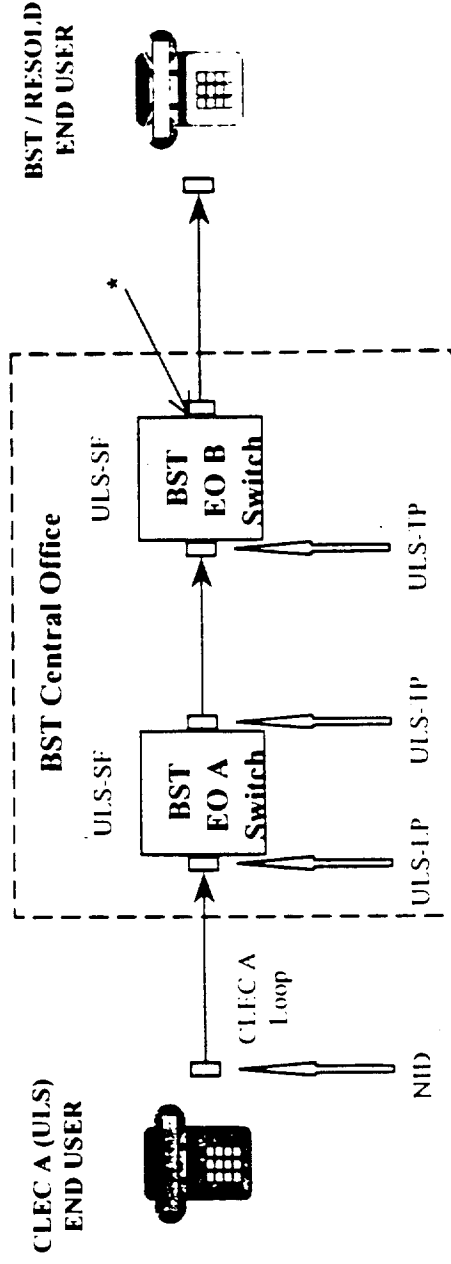
-- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

3. BST Network LOCAL CALLING

Intraoffice/Interswitch

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001/072 (NOT MBH13) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
 -- Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

BST bills CLEC A

-- ULS-LP (loop and port monthly)
 -- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO A)
 -- 2 ULS-TPs (trunk ports)
 -- UTS-S (unbundled transport, fixed, mileage calculated from EO A to EO B) (zero transport miles)

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to CLEC A if appropriate

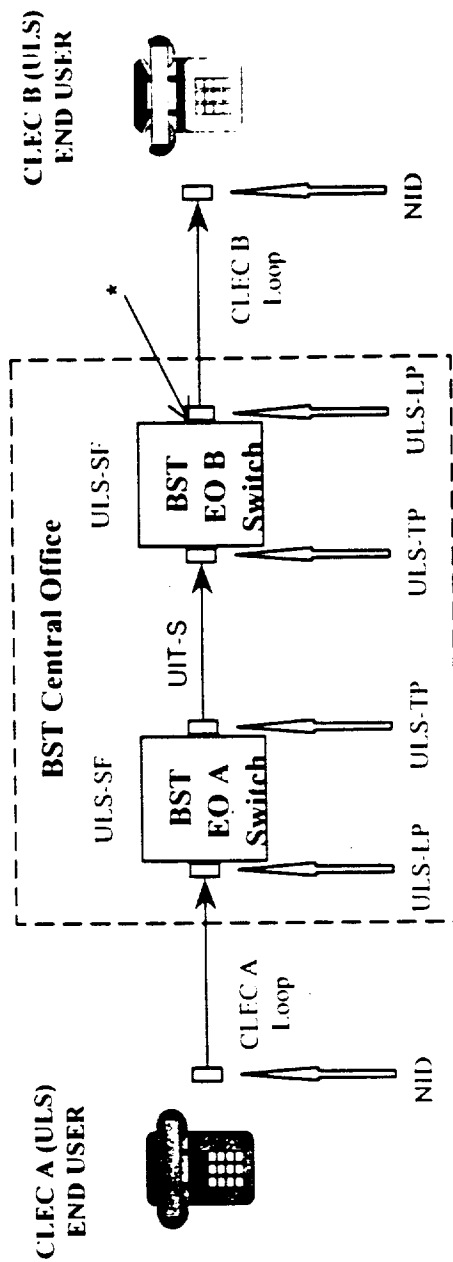
Demarcation Point Between UNE CLEC Network and BST (exclusive use) Network

Terminating End office Switch (Line Side)

PROPOSED UNE BILLING ARRANGEMENTS

4. BST Network LOCAL CALLING Intraoffice/Interswitch

Revised 10/26/99



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 001/072 (NOT MB113) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

Billing Factors

- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

Demarcation Point Between UNE CLEC Network and BST (exclusive use) Network

Terminating End office Switch (Trunk Side)

- * indicates demarcation between UNE Network and other Networks

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO A)
- 2 ULS-TPs (trunk ports)
- UIT-S (unbundled transport, fixed, mileage calculated from EO A to EO B) (zero transport miles)

BST bills CLEC B

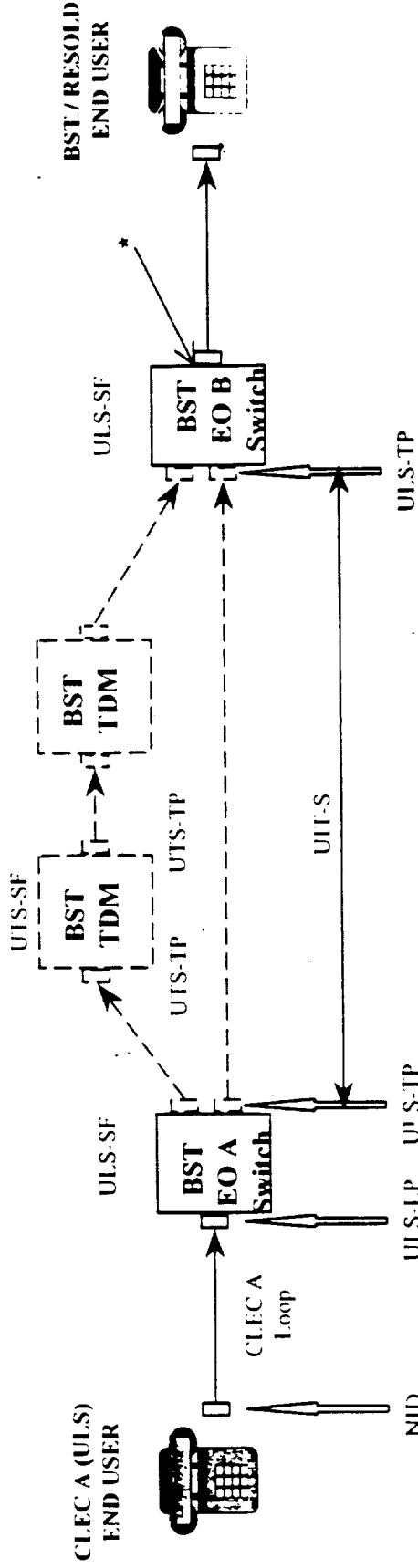
- ULS-LP (loop and port monthly)
- Note: Since terminating switching and reciprocal compensation are equal, ULS-LP (loop and port monthly) since they net to zero.
1. CLEC B does not pay BST for terminating switching and does not receive reciprocal compensation from CLEC A, since they net to zero.
 2. CLEC A pays terminating switching to BST instead of paying reciprocal compensation to CLEC B.
 3. BST does not have to provide the recording to CLEC B that it would need to bill CLEC A for reciprocal compensation.

PROPOSED UNE BILLING ARRANGEMENTS

5. BST Network LOCAL CALLING

Interoffice

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001/072 (NOT MB113) or

Call Code 006/072 is made at the End Office.

No tandem indicator, no access time, no

attempts. No terminating recording.

-- Normal EO recordings appropriate

to the type of service will be made.

NOTE: Call code 006 records are related

to ELCA plans.

BST bills CLEC A

-- ULS-LP (loop and port monthly)

-- 2 ULS-SFs (unbundled switching -

originating and terminating, summarized

at originating EO A)

-- 2 ULS-TPs (end office trunk ports)

-- UIT-S (unbundled transport-shared, fixed and

per mile, mileage calculated from EO A to EO B)

-- UTS-SF (unbundled melded tandem switching)

-- 2 UTS-TPs (melded tandem trunk ports)

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to

CLEC A if appropriate

Demarcation Point between UNE

CLEC Network and BST (exclusive use)

Network

Terminating End Office Switch (Line

Side)

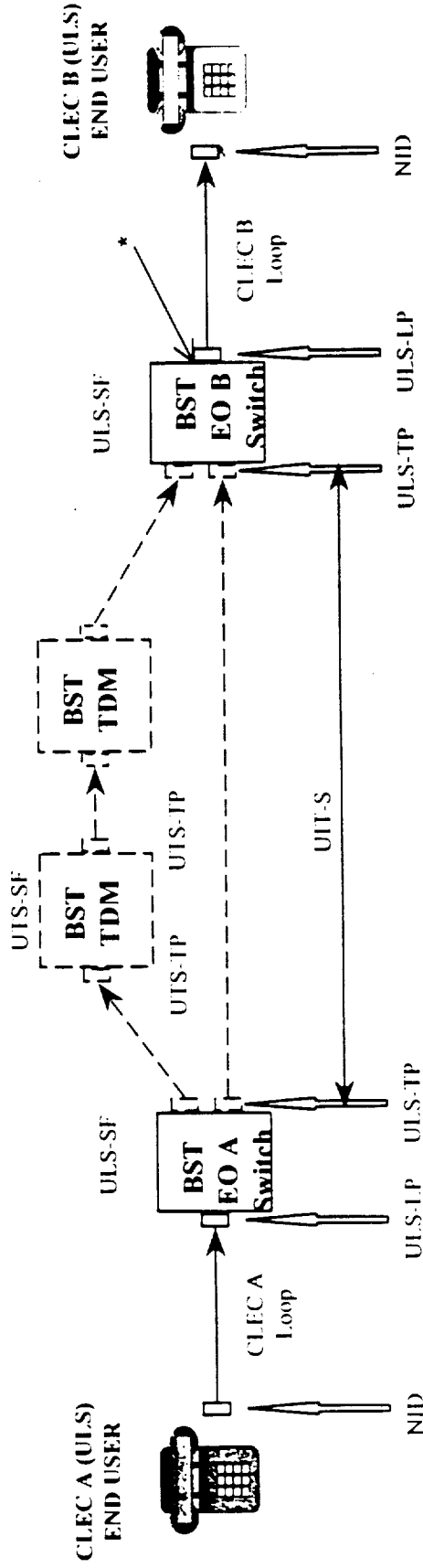
* indicates demarcation between UNE
Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

6. BST Network LOCAL CALLING

Interoffice

Revised 01/14/00



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 001/072 (NOT MBI13) or Call Code 006/072 is made at the End Office.
- No tandem indicator, no access time, no attempts. No term recordings.
- Normal EO recordings appropriate to the type of service will be made.

NOTE: Call code 006 records are related to ELCA plans.

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at EO A)
- 2 ULS-TPs (end office trunk ports)
- UIT-S (unbundled transport - shared, fixed and per mile, mileage from EO A to EO B)
- UTS-SF (unbundled tandem switching)
- 2 UTS-TPs (melded tandem trunk ports)

BST bills CLEC B

- ULS-LP (loop and port monthly)

Billing Factors

- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

Demarcation Point between UNE

CLEC A Network and UNE CLEC

B Network

- Terminating End office Switch (line side)

Note: Since terminating switching and reciprocal compensation are equal:

1. CLEC B does not pay BST for terminating switching and does not receive reciprocal compensation from CLEC A, since they net to zero
2. CLEC A pays terminating switching to BST instead of paying reciprocal compensation to CLEC B
3. BST does not have to provide the recording to CLEC B that it would need to bill CLEC A for reciprocal compensation

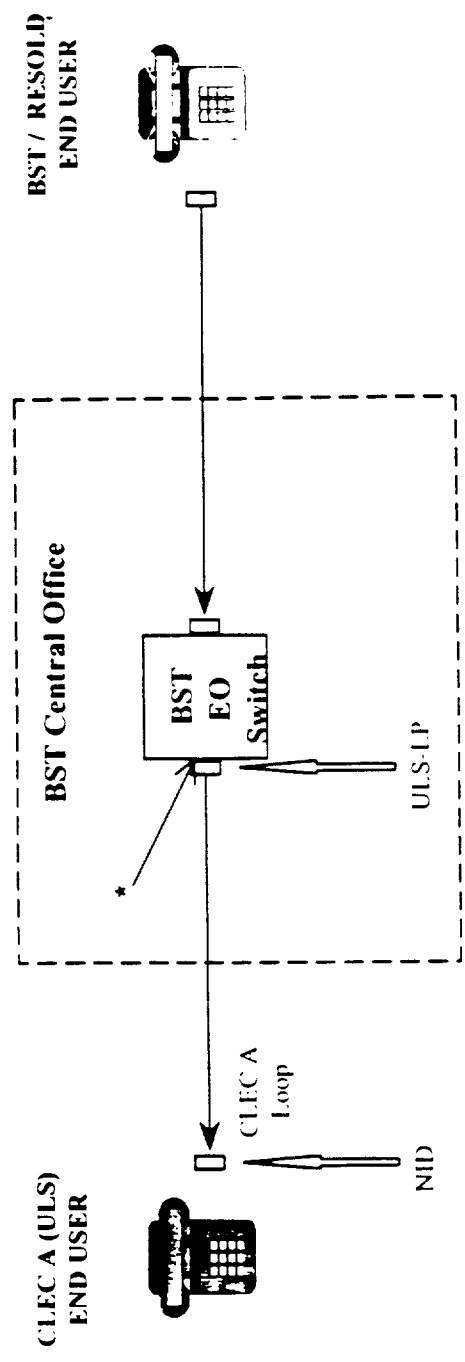
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

9. BST Network LOCAL CALLING

Intraoffice/Intraswitch

Revised 01/14/00



Billing Factors	Record Exchange
-- NA	-- NA

BST bills CLEC A
-- U.S.-LP (loop and port monthly)

Billing Concept
-- Unbundled Network Elements

- Usage Recordings**
- Call Code 001/072 is made at the End Office.
 - No tandem indicator, no access time, no att.
 - No term recording. Note this is MBI13 if the BST end user has flat-rated service.
 - Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

UNE CLEC A charges BST for terminating local switching and BST charges UNE CLEC A for unbundled switching. These charges result in net switching charges of zero, since these charges are the same rate.

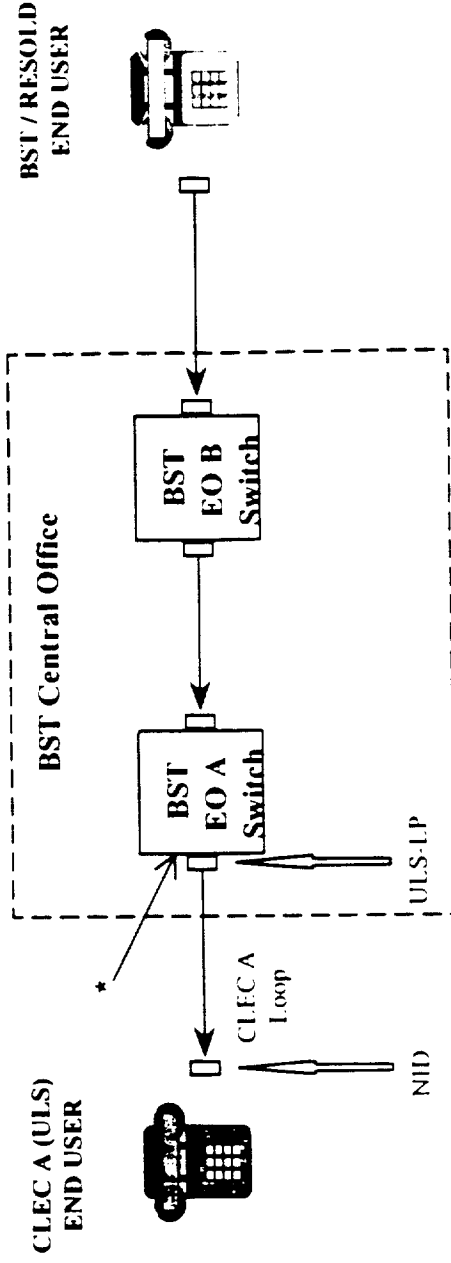
PROPOSED UNE BILLING ARRANGEMENTS

10. BST Network LOCAL CALLING

No IT Impact

Intraoffice/Interswitch

Revised 01/14/00



Billing Factors

-- NA

Record Exchange

-- NA

Billing Concept

-- Unbundled Network Elements

BST bills CLEC A

-- ULS-LP (loop and port monthly)

Usage Recordings

- Call Code 001/072 is made at the End Office B
No tandem indicator, no access time, no attempts.
- No term recording. Note this is MB113 if the BST end user has flat-rated service.
- Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

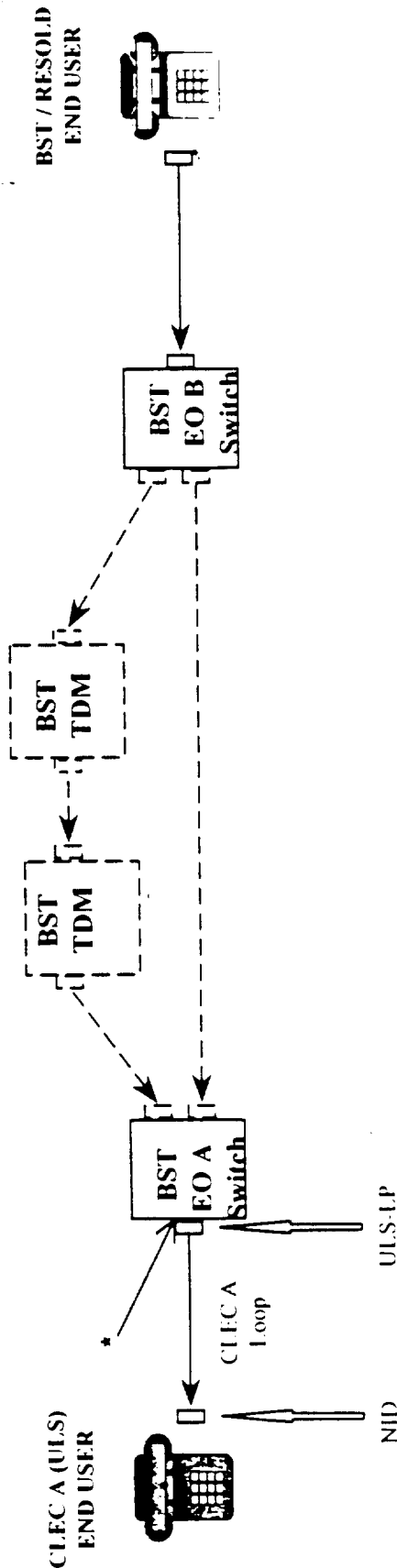
UNE CLEC A charges BST for terminating local switching and BST charges UNE CLEC A for unbundled switching. These charges result in net switching charges of zero, since these charges are the same rate.

PROPOSED UNE BILLING ARRANGEMENTS

11. BST Network LOCAL CALLING

Interoffice

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

BST bills CLEC A

-- ULS-LP (loop and port monthly)

Billing Factors

-- NA

Record Exchange

-- NA

Usage Recordings

-- Call Code 001/072 (NOT MB113) or Call Code 006/072

is made at the End Office B. No tandem indicator, no access time, no attempts. No term recording

Note this is MB113 if the BST end user has flat-rated service.

-- Normal EO recordings appropriate to the type of service will be made.

NOTE: Call code 006 records are related to ELCA plans.

* indicates demarcation between UNE Network and other Networks

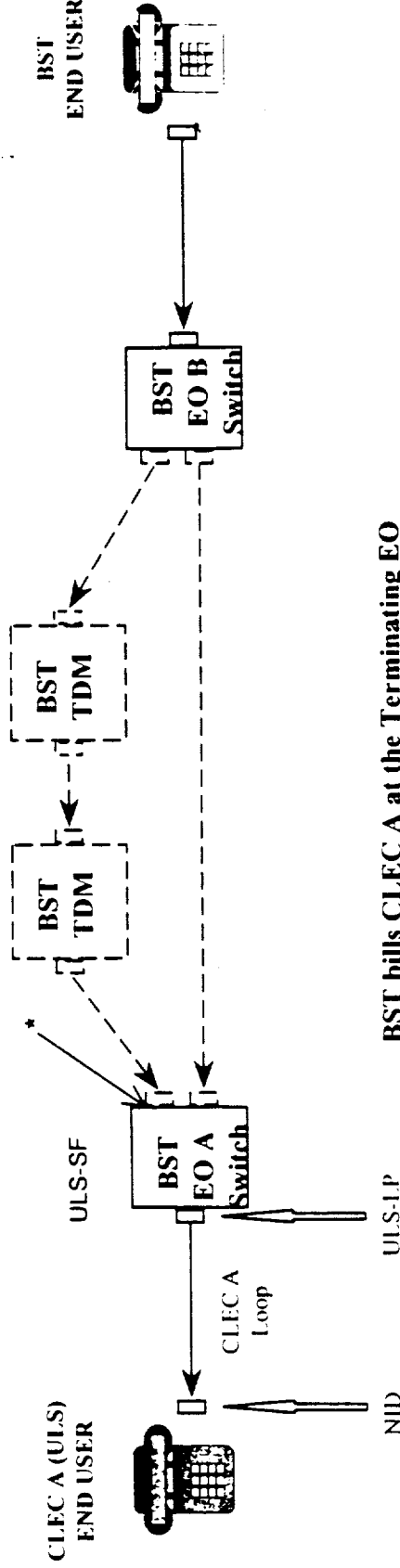
UNE CLEC A charges BST for terminating local switching and BST charges UNE CLEC A for unbundled switching. These charges result in net switching charges of zero, since these charges are the same rate.

PROPOSED UNE BILLING ARRANGEMENTS

12. BST Network INTRALATA TOLL CALLING

Interoffice

Revised 10/26/99



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 006/072 is made at the End Office B. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

NOTE: Call code 006 records are related to ELCA plans.

BST bills CLEC A at the Terminating EO

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled switching - terminating)

UNE CLEC A may bill BST

Terminating Switched Access

Billing Factors

- NA

Record Exchange

- BST will send terminating access records via ADUF to CLEC A so that CLEC A can bill BST terminating access (terminating access created from originating intralata toll)

Demarcation Point between UNE CLEC

A Network and BST (exclusive use)

Network

Terminating End Office Switch (Trunk Side)

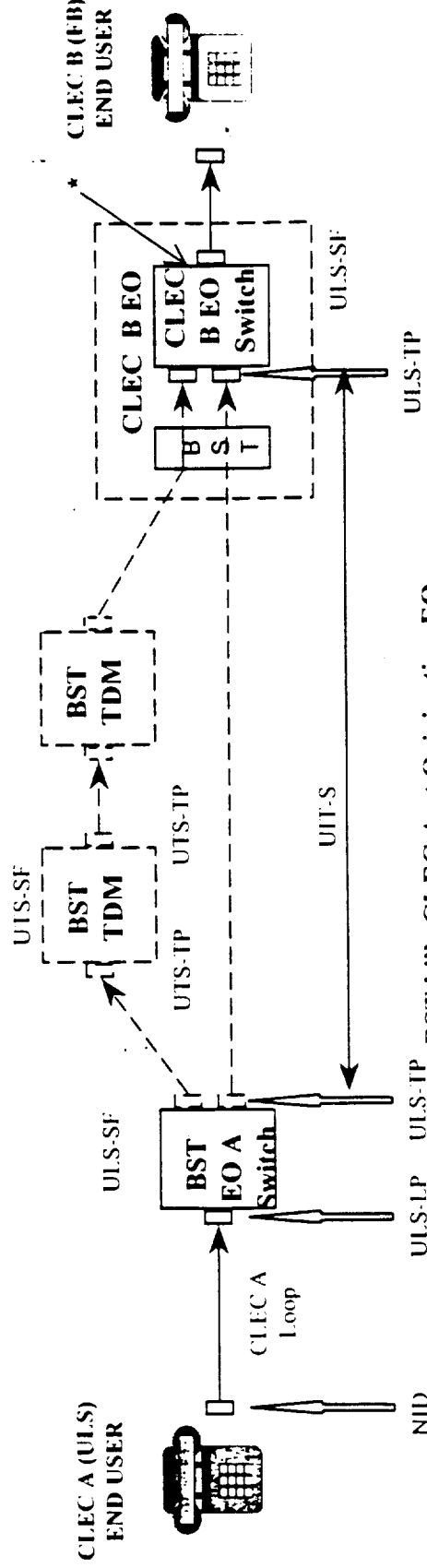
- * indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

13. Multi-Network LOCAL CALLING

Interoffice (original - 2 Network)

Revised 11/02/99



Billing Concept

- Unbundled Network Elements
- Local Interconnection

Usage Recordings

- Call Code 001/072 (NOT MB113) or Call Code 006/072 is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

NOTE: Call code 006 records are related to ELCA plans.

BST bills CLEC A at Originating EO

- ULS-LP (loop and port monthly)
- 2 ULS-SF (unbundled switching originating and terminating, summarized at EO A)
- 2 ULS-TPs (end office trunk port)
- UIT-S (unbundled transport - shared, fixed and per mile, mileage from EO A to EO B)
- UTS-SF (unbundled melded tandem switching)
- 2 UTS-TPs (melded tandem trunk ports)

FB CLEC B may bill BST

- Reciprocal Compensation

Billing Factors

- BST provides CLEC B with PIU & PLU for Local Interconnection billing

Record Exchange

- BST sends originating Local record via ODUF to CLEC A (ULS) if appropriate

2 Networks: BST & FB CLEC
(assumes 1 ULS-SF = reciprocal compensation)

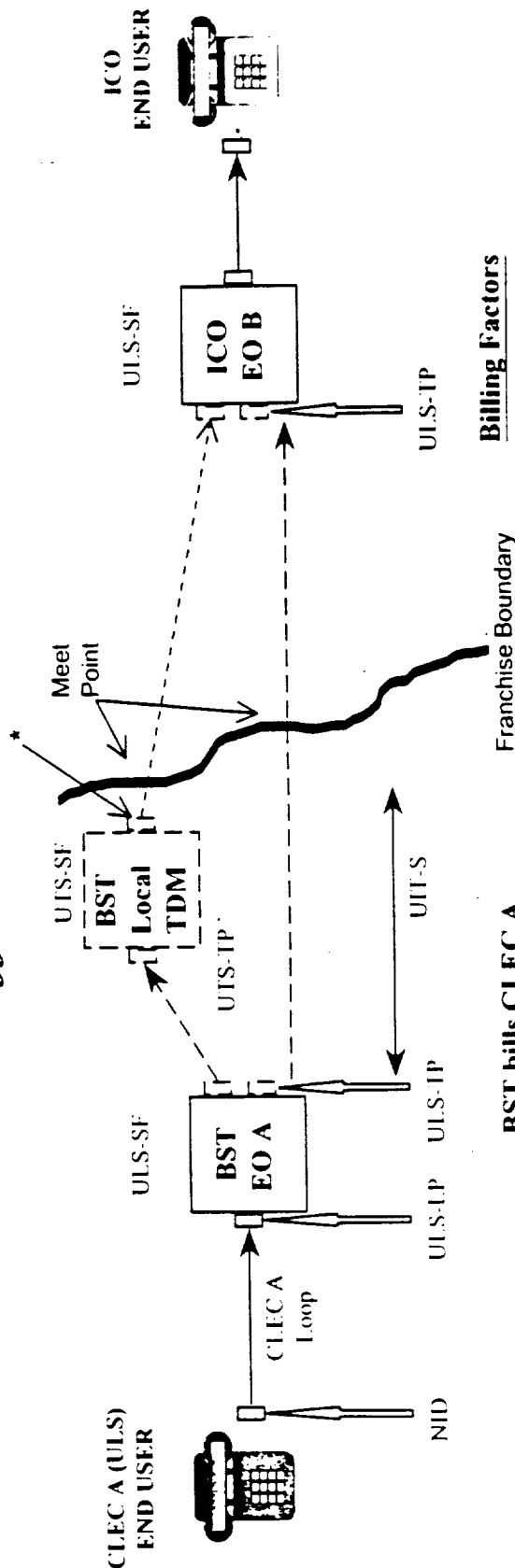
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

15A. Multi-Network LOCAL CALLING

Interoffice (NOW 2 Network)

Revised 10/26/99



Billing Concept

- Unbundled Network Elements
- Interconnection

Usage Recordings

- Call Code 001/072 is made at originating End Office. (if direct routing exists, still use melded since 001 cannot indicate tandem vs. direct routing)

- * indicates demarcation between UNE Network and other Networks

Billing Factors

- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A (ULS) if appropriate

- 2 Networks: BST & UNE
- BST recovers entire cost from UNE
- Assumes ICO to BST and BST to ICO call volumes are similar (not the case when a CLEC is involved)
- This version "matches" call flow 13 for UNE / FB CLEC
- 2nd ULS-SF and ULS-TP not billed to UNE since ICO does not bill reciprocal comp.

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SF (unbundled switching originating, summarized at EO A)
- 1 ULS-TPs (end office trunk port)
- UITS-S (unbundled transport - shared, fixed and per mile, mileage from EO A to BST local tandem) Note: use default of 0 miles since do not know meet point, using mileage to local tandem, but since no mapping of EO to local tandems will now have default of 0 miles since EO & some local tandems are co-located)
- UITS-SF (unbundled melded tandem switching)
- 1 UITS-TPs (melded tandem trunk ports)

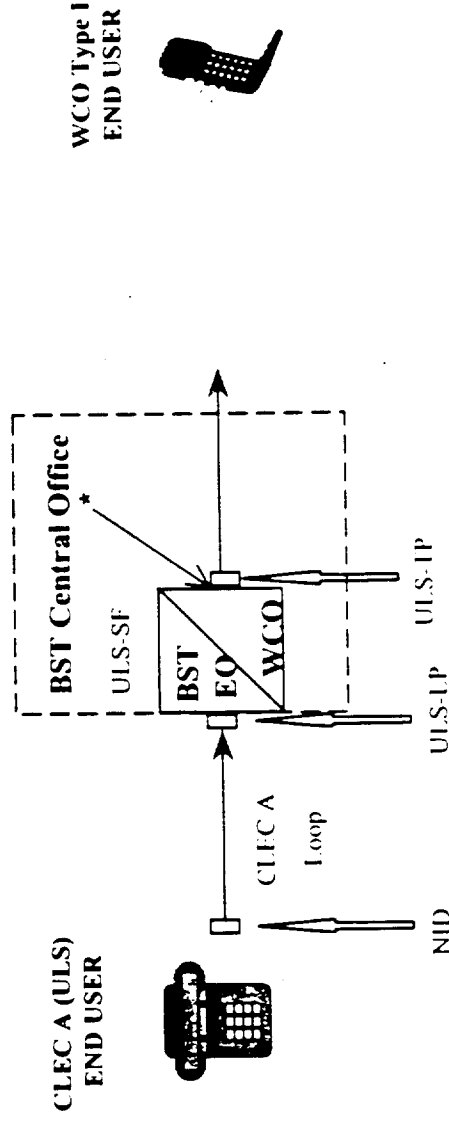
Note: ICO and BST local calls are bill and keep

PROPOSED UNE BILLING ARRANGEMENTS

17. BST-*Network LOCAL CALLING*

Type I - Intraoffice/IntraSwitch

Revised 11/02/99

**Billing Concept**

- Unbundled Network Elements
- Interconnection

Usage Recordings

- Call Code 001/072 is made at the End Office.

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating)

WCO bills BST

- Reciprocal Compensation should not be billed to BST

Billing Factors

- NA

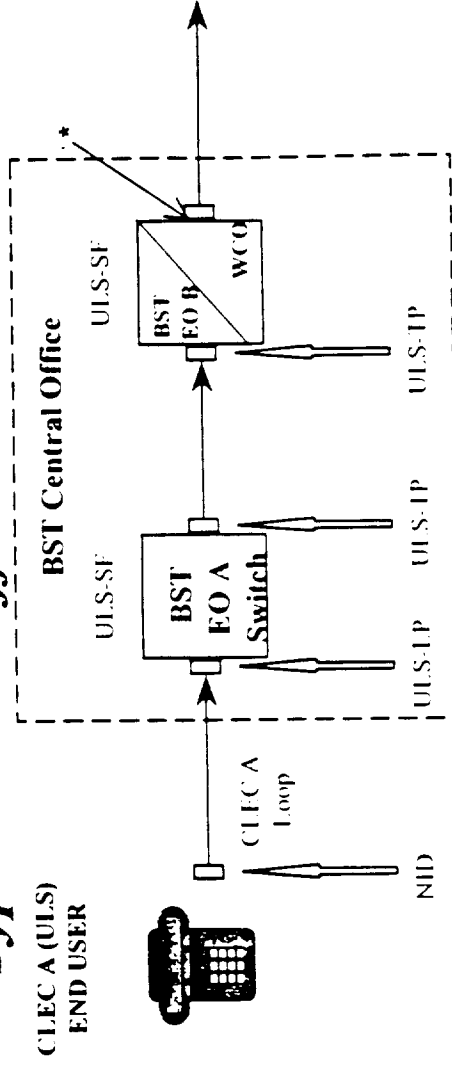
Record Exchange

- BST sends originating Local record to CLEC A (ULS) if appropriate via ODUF

* indicates demarcation between UNE Network and other Networks

The UNE team is concerned that WCO may bill BST mutual compensation in error. Also, WCO does not know which calls originate from TNs that are UNEs.

WCO Type I
END USER



-- Unbundled Network Elements

-- Call Code 001/072 (NOT MBI13)
is made at the End Office. No
tandem indicator, no access time,
no attempts. No term recording.
-- Normal EO recordings appropriate
to the type of service will be made.

```
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
    originating and terminating, summarized
    at originating EO A)
-- 2 ULS-TPs (trunk ports)
-- UIT-S (unbundled transport, fixed,
    mileage calculated from EO A to EO B)
    (zero transport miles)
```

:- NA

-- BST sends Local record via ODUF to
CLIC A if appropriate

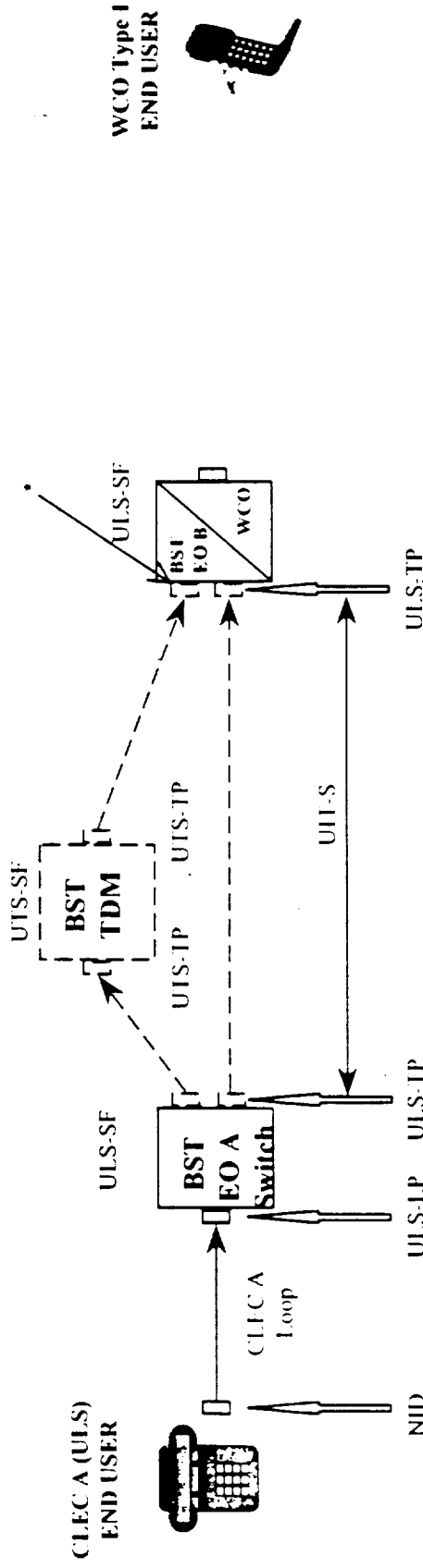
- indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

18. BST-*Network LOCAL CALLING (Interoffice)*

Type I Interoffice

Revised 10/26/99



Billing Concept

- Unbundled Network Elements
- WCO Interconnection

Usage Recordings

- Call Code 001/006/072 is made at originating End Office
- no tandem indicator

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled local switching - originating, summarized at originating EO A)
- 2 ULS-TP (end office trunk ports)
- ULS-S (unbundled transport - shared, fixed and per mile, mileage from EO A to EO B)
- UTS-SF (unbundled melded tandem switching)
- 2 UTS-TPs (melded tandem trunk ports)

WCO bills BST

- Reciprocal Compensation is not to be billed to BST

* indicates demarcation between UNE Network and other Networks

Billing Factors

- NA

Record Exchange

- BST sends originating local record to CLEC A (ULS) via ODUF if appropriate

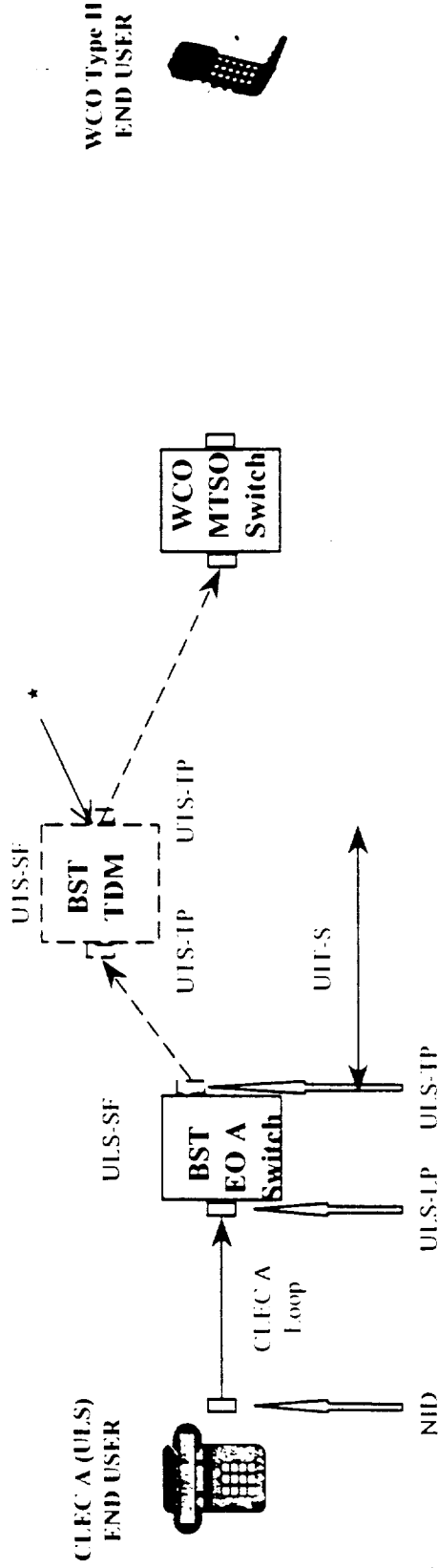
The UNE team is concerned that WCO may bill BST mutual compensation in error. Also, WCO does not know which calls originate from TNs that are UNEs.

PROPOSED UNE BILLING ARRANGEMENTS

19. Multi-Network LOCAL CALLING

Type II-A

Revised 06/02/00



Billing Concept

- Unbundled Network Elements
- WCO Interconnection

Usage Recordings

- Call Code 001/006/072 is made at originating End Office
- No tandem indicator but entire NPA/NNX is wireless in Type 2 and Type 2 connects only at tandems

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled local switching - originating)
- 1 ULS-TPs (end office trunk ports)
- UTS-S (unbundled transport - shared, fixed and per mile, mileage from EO A to BST Tandem) (tandem used in lieu of MTSO)
- UTS-SF (full rate unbundled tandem switching)
- 2 UTS-TPs (full rate tandem trunk ports)

WCO bills BST

- Reciprocal compensation should not be billed to BST by the WCO.

Billing Factors

- NA

Record Exchange

- BST send originating local record to CLEC A via ODUF if appropriate

The UNE team is concerned that WCO may bill BST mutual compensation in error. Also, WCO does not know which calls originate from TNs that are UNEs

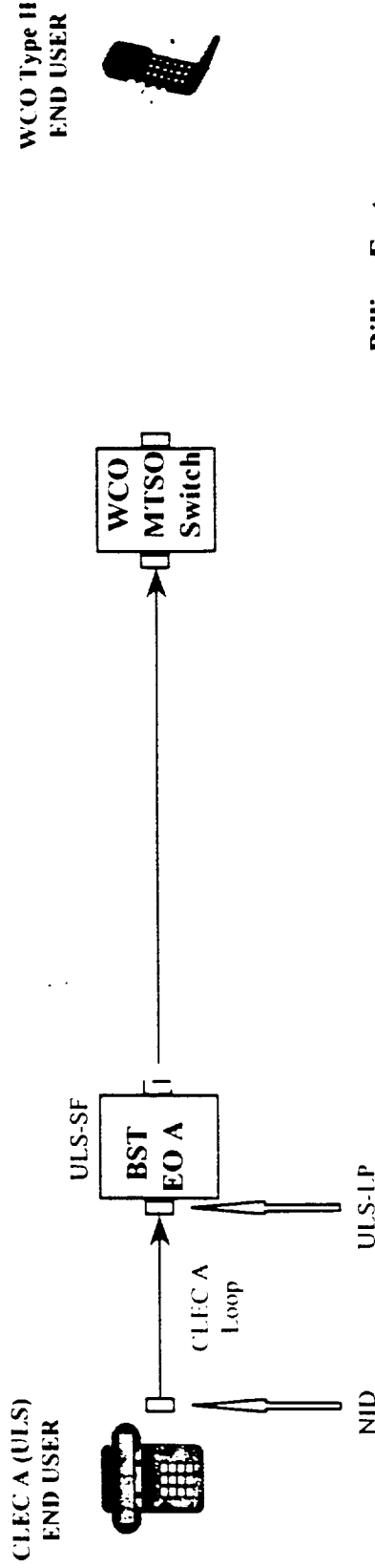
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

19a. Multi-Network LOCAL CALLING

Type II-B

Revised 10/26/99



Billing Concept

- Unbundled Network Elements
- WCO Interconnection - Type 2B where WCO purchases trunk from EOA to MTSO

Usage Recordings

- Call Code 001/006/072 is made at originating End Office

The UNE team is concerned that WCO may bill BST mutual compensation in error. Also, WCO does not know which calls originate from TNs that are UNES.

BST bills CLEC A

- ULS-LP (loop and port monthly)
 - 1 ULS-SFs (unbundled local switching - originating)
- WCO bills BST**
- Reciprocal compensation should not be billed to BST by the WCO.

Billing Factors

- NA

Record Exchange

- BST send originating local record to CLEC A via ODUF if appropriate

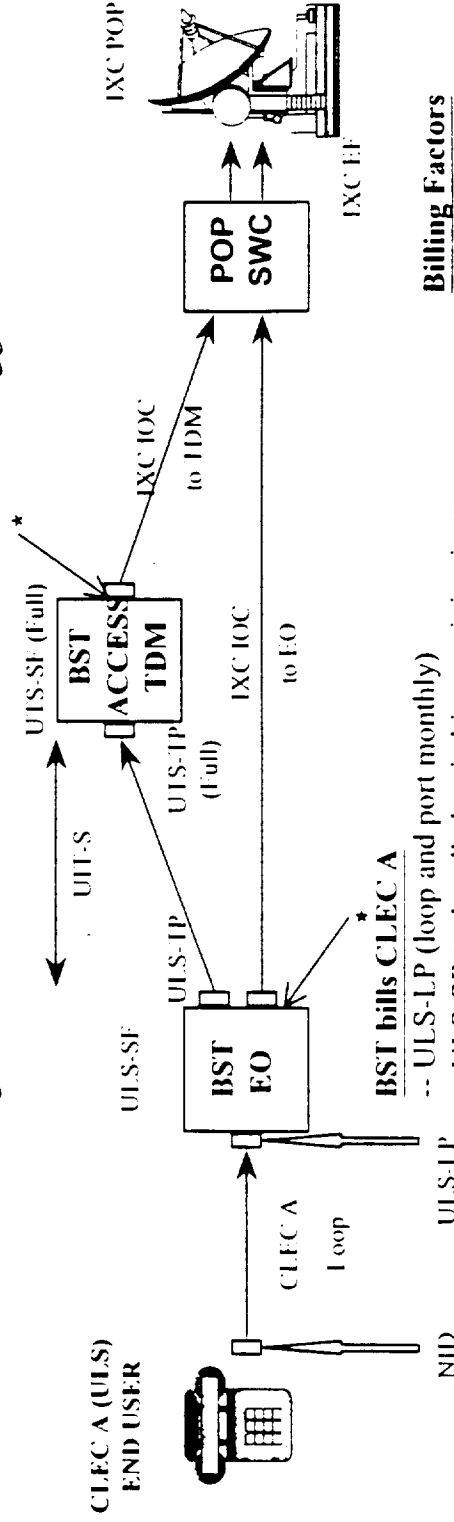
Question: is trunk from EOA A to MTSO dedicated? If so, should UTS be billed?

* indicates demarcation between UNE Network and other Networks

22. INTERSTATE / INTRASTATE ACCESS CALLING

(Access Reform) Multi-Network Interoffice

Updated 01/14/00



Billing Concept

- Access Reform
-- Unbundled Network Elements
Note that this call flow applies to
intralata toll with non-BST LRIC

Usage Recordings

- ```
-- Call Code 110/117 on FGD
-- Call Code 134 on FGB
```

UNE Team concerned that  
IXC does not know to expect  
CLEC A to bill access

## Billing Factors

- IXC will provide PUs to BSR and CLEC A

## Record Exchange

- BST will send originating access records via ADUF to CLEC A so that CLEC A can bill the IXC

## **Demarcation Point between UNIC Network and IXC Network**

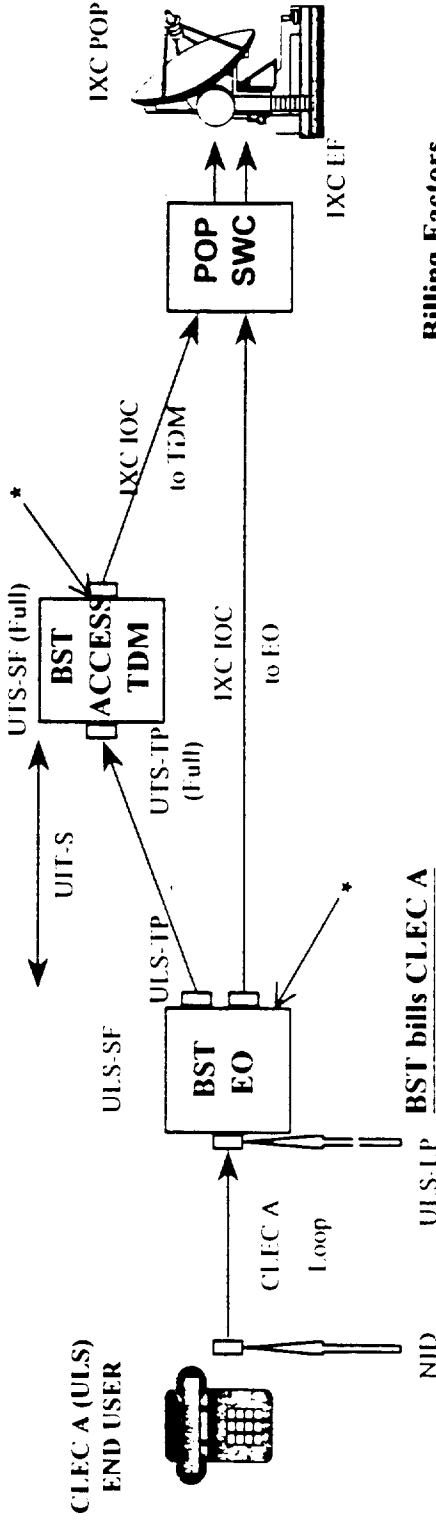
- Access Tandem Switch if tandem  
Terminating End office Switch  
(trunk side) if direct
- \* indicates demarcation between UNE  
Network and other Networks

# PROPOSED UNE BILLING ARRANGEMENTS

## 23. INTRASTATE ACCESS CALLING - Pre Access Reform

### Multi-Network Interoffice

Updated 11/02/99



#### Billing Concept

- Access
- Unbundled Network Elements

#### Usage Recordings

- Call Code 110/117 on FGD
- Call Code 134 on FGB

UNE Team concerned that IXC does not know to expect CLEC A to bill access. Replicates Flow 22 for UNE Billing.

#### Billing Factors

- IXC will provide PIUs to BST and CLEC A

#### Record Exchange

- BST will send originating access records via ADUF to CLEC A so that CLEC A can bill the IXC

#### Demarcation Point between UNE Network and IXC Network

Access Tandem Switch if tandem Terminating End office Switch (trunk side) if direct

\* indicates demarcation between UNE Network and other Networks

#### BST bills CLEC A

- Uls-LP (loop and port monthly)
  - Uls-SF (unbundled switching - originating)
- Charges below apply if IXC tandem routed
- Uls-TP (end office trunk ports)
  - UIT-S (unbundled transport - shared, mileage from BST EO and BST AT, fixed and per mile)
  - Uts-TP (unbundled full rate tandem trunk ports)
  - Uts-SF (unbundled full rate tandem switching)

#### CLEC A bills IXC

- Originating Access as agreed upon by CLEC A & IXC

#### BST bills IXC

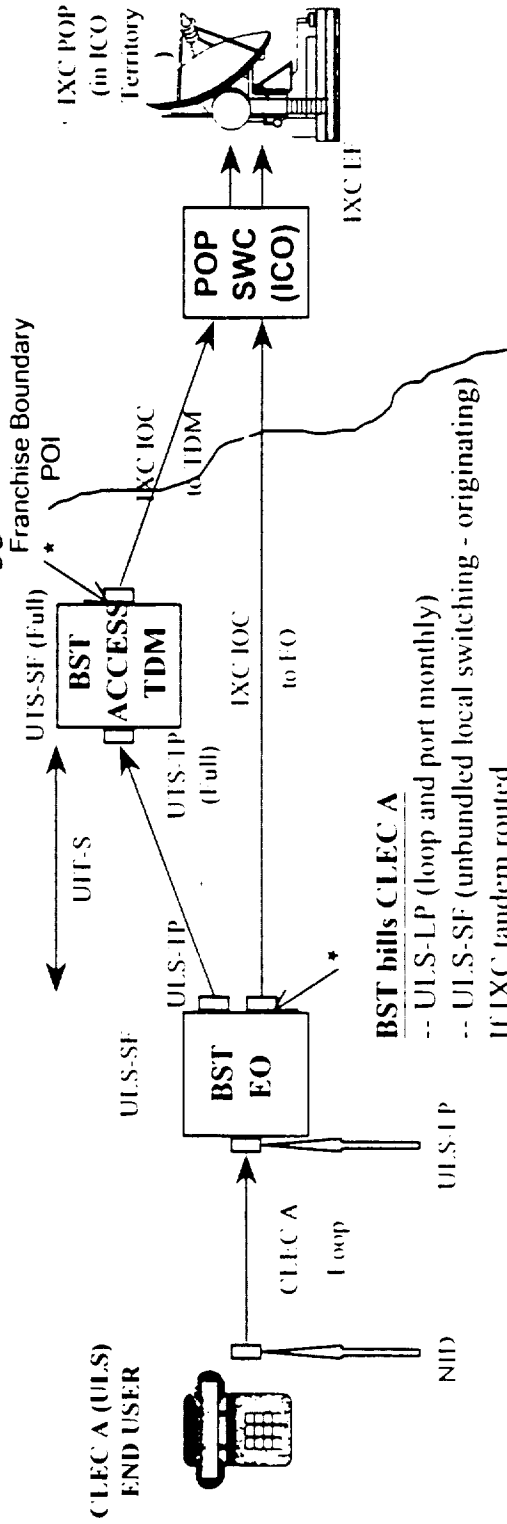
- BST portion of Dedicated or common switched transport

# PROPOSED UNE BILLING ARRANGEMENTS

## 24. INTRASTATE ACCESS CALLING - Pre Access Reform

### Multi-Network Interoffice

Revised 11/02/99



#### Billing Concept

- Unbundled Network Elements
- Access with Meet Point Billing
- Pre-Access Reform

#### Usage Recordings

- Call Code 110/117 on FG D
- Call Code 134 on FG B

#### Billing Factors

- IXC will provide PIU & PLU to BST, ICO & CLEC.

#### Record Exchange

- BST will send records via ADUIF to CLEC A so that CLEC A can bill the IXC

Replicates Flow 22 for UNE Billing.

\* indicates demarcation between UNE Network and other Networks

Need to discuss how ICO bills IXC & based on what record

#### ICO bills IXC

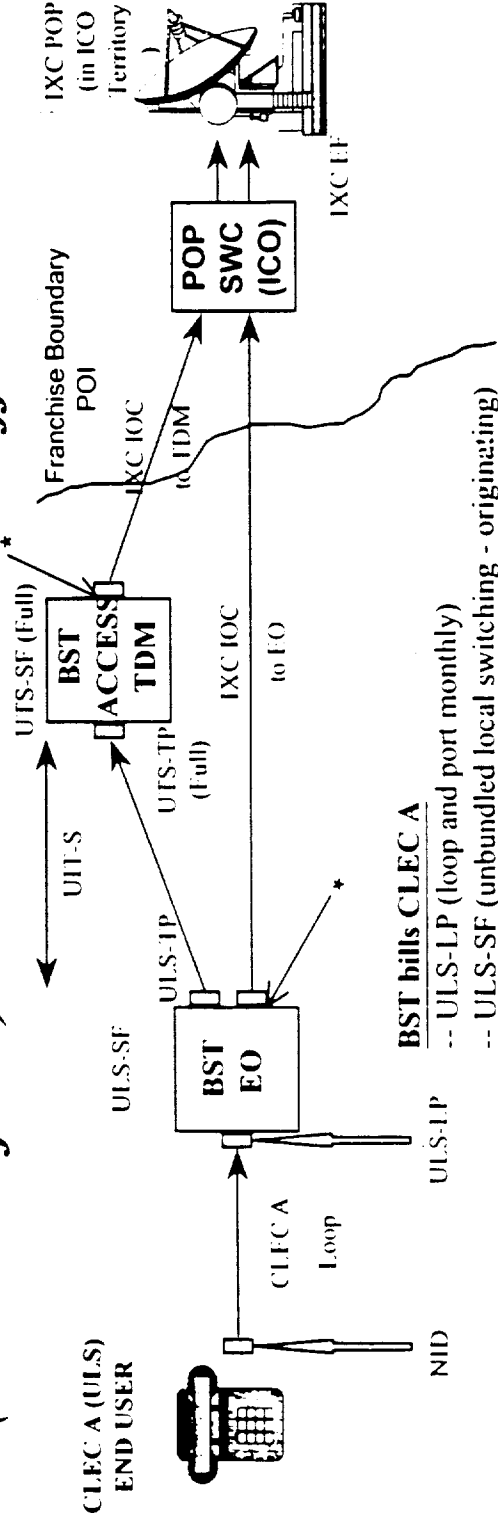
- Switched Dedicated Locals Channels (EF) Transport
- ICO portion of Dedicated or Common Switched

#### CLEC may bill IXC

Originating switched access

**PROPOSED UNE BILLING ARRANGEMENTS**  
**25. INTERSTATE / INTRASTATE ACCESS CALLING**  
***(Access Reform) Multi-Network Interoffice***

Revised 11/02/99



## Billing Concept

- Unbundled Network Elements  
-- Access with Meet Point Billing  
-- Access Reform

## Usage Recordings

- Call Code 110/117 on FG D  
-- Call Code 134 on FG B

Replicates Flow 22 for UNE Billing.

- \* Assumes Access Reform removes the unitary approach to transport**

- indicates demarcation between UNE Network and other Networks

## Billing Factors

- IXC will provide PIU & PLU to  
BST, ICO & CLEC.

## Record Exchange

- BST will send records via ADUF to CLEC A so that CLEC A can bill the LXC

## BST bills IXC

- ### -- BST portion of Dedicated Switched Transport

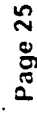
**ICO bills IXC**

- Switched Dedicated Locals Channels (EF)
- ICO portion of Dedicated Switched Transport

**CLEC bills IXC**

## Originating switched access

## Revised 10/11/99



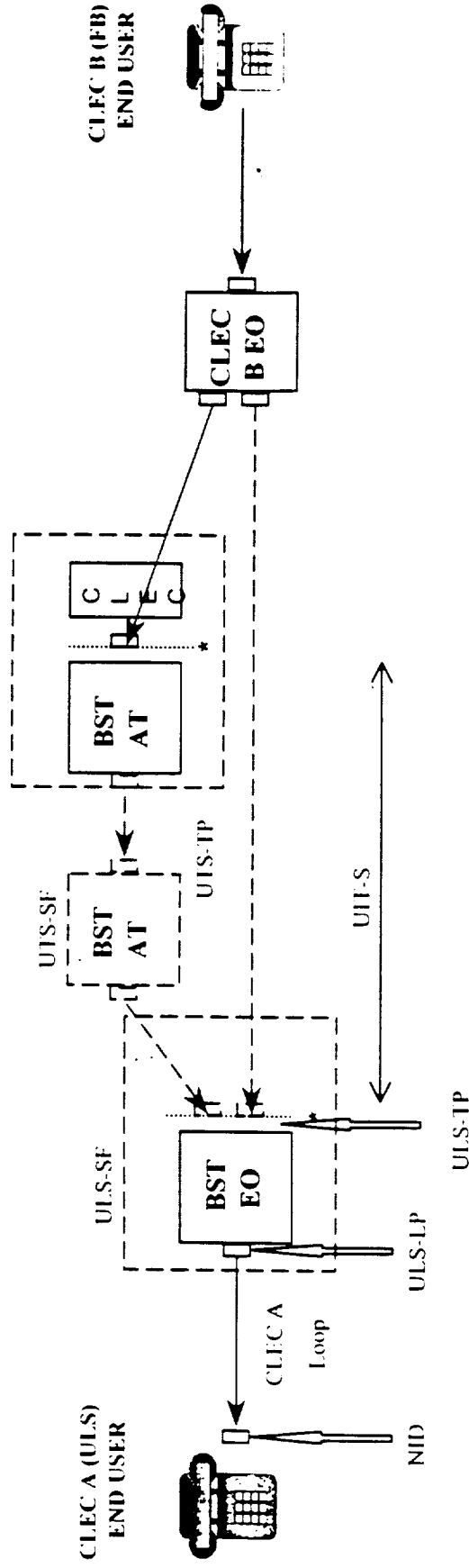
# PROPOSED UNE BILLING ARRANGEMENTS

## 27. Multi-Network INTRALATA TOLL CALLING

Attachment 2

### Interoffice

Revised 07/20/99



#### Billing Concept

- Local Interconnection

#### Usage Recordings

- Call Code 119, 066, or 720

For reasons of UNE billing, this call flow is treated identically to call flow 33.

- \* indicates demarcation between UNE Network and other Networks

#### BST bills UNE CLEC A

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled local switching - terminating) IF tandem routed
- ULS-TP (unbundled end office trunk ports)
- ULS-S (unbundled transport - shared between BST EO and BST AT, fixed and per mile, mileage from BST AT associated with CLEC B EO to BST EO)
- UTS-TP (unbundled full rate tandem trunk port)
- UTS-SF (unbundled full rate tandem switching)

#### CLEC A bills CLEC B

- Access as agreed upon between CLEC A and CLEC B

#### Billing Factors

- FB CLEC B provides PIU and PLU to CLEC A

#### Record Exchange

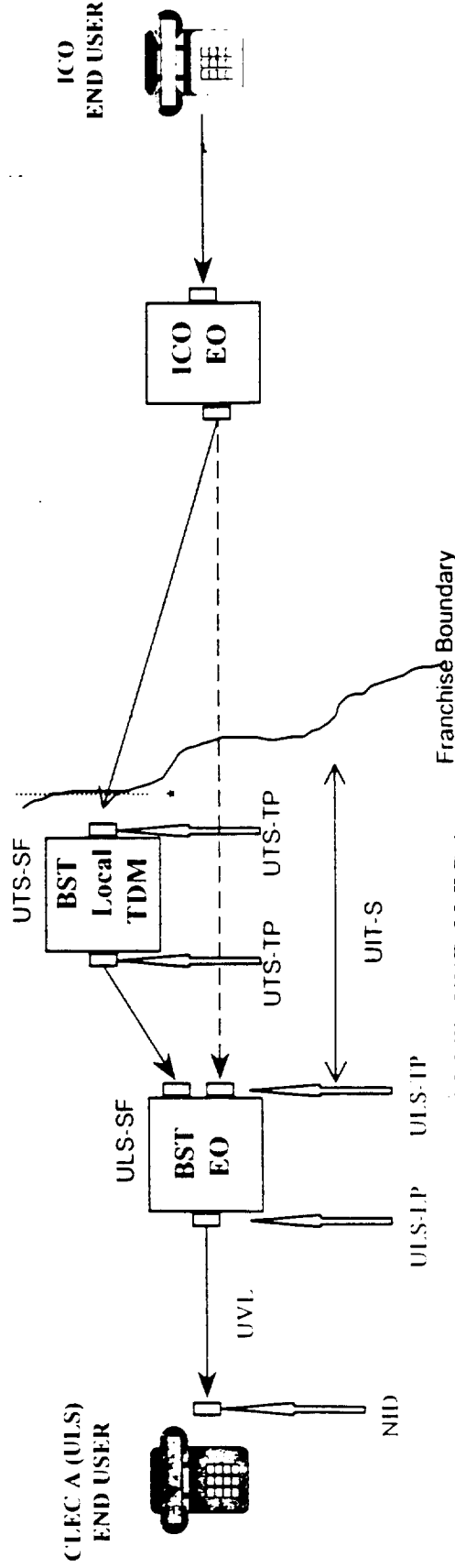
- BST will send terminating access records via ADUF to CLEC A so that CLEC A can bill CLEC B

# PROPOSED UNE BILLING ARRANGEMENTS

## 28. Multi-Network LOCAL CALLING

### Interoffice

Revised 11/02/99



#### Billing Concept

- Unbundled Network Elements
- Interconnection

#### Usage Recordings

- Call Code 720 (from BST Local Tandem) or NA\* (from BST Local Tandem) and CC720 has tandem indicator and has ICO NPA-NNX in BTN (drop any interlata calls since there is also a CC119 which is used to bill)

\*NOTE: If there is no recording, the CLEC A may bill ICO appropriate contract charges

#### Billing Factors

- N/A

#### Record Exchange

- BST sends terminating intralata access recording (1101XX) to CLEC A via ADUF if appropriate (CIC of 000 should be in this record)

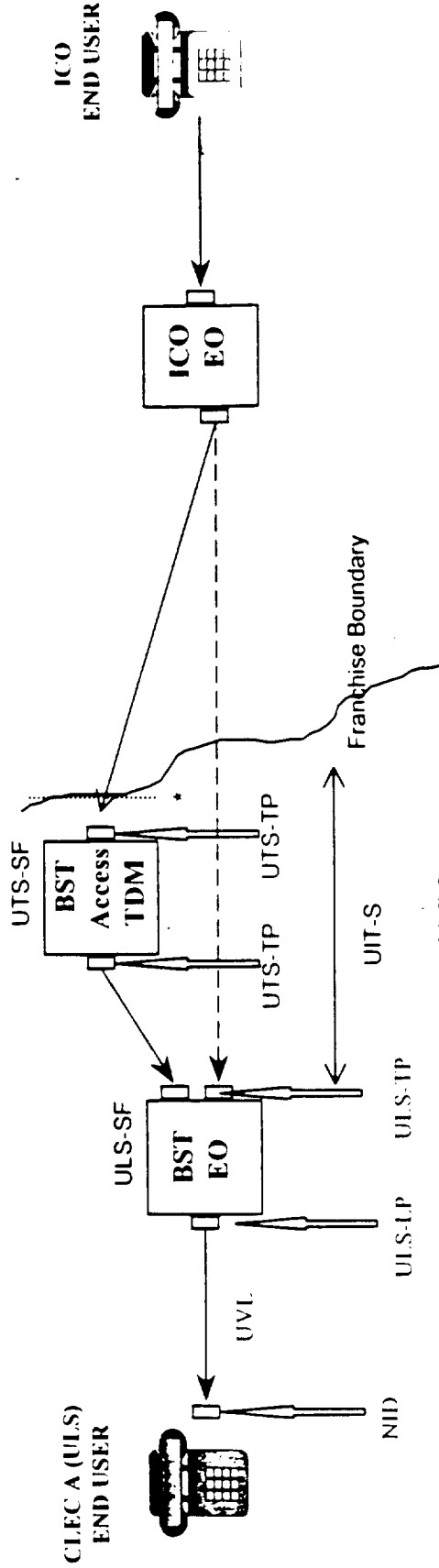
UNE team suspects UNE will bill BST. If they bill the ICO, the ICO probably won't pay since BST/ICO have bill and keep arrangement for local.

# PROPOSED UNE BILLING ARRANGEMENTS

## 29. Multi-Network IntraLATA Toll Calling

### Interoffice

Revised 10/27/99



#### Billing Concept

- Unbundled Network Elements
- Interconnection

#### Usage Recordings

- Call Code 720 (from BST Access Tandem) or NA\*
- CC720 made even if pre-subscribed LPIC - any interlata CC720 is dropped since assume CC119 used to bill)

\*NOTE: If there is no recording, the ICO nor UNE CLEC can be billed.

#### BST bills UNE CLEC A

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled local switching - terminating)

IF tandem routed

- ULS-TP (unbundled end office trunk ports)
- UIT-S (unbundled transport - shared between BST EO and BST Access Tandem, fixed and per mile, mileage from BST Access Tandem to BST EO)
- 2 UTS-TP (unbundled full rate tandem trunk port)
- UTS-SF (unbundled full rate tandem switching)

#### BST/ICO Settlements apply

ICO puts call into settlements process - can be PCP/ORP Plans

#### CLEC A may bill ICO

- Local Interconnection charges per agreement.

#### Billing Factors

- N/A

#### Record Exchange

- BST sends terminating intralata access recording (1101XX) to CLEC A via ADUF if appropriate (CIC of 000 should be in this record)

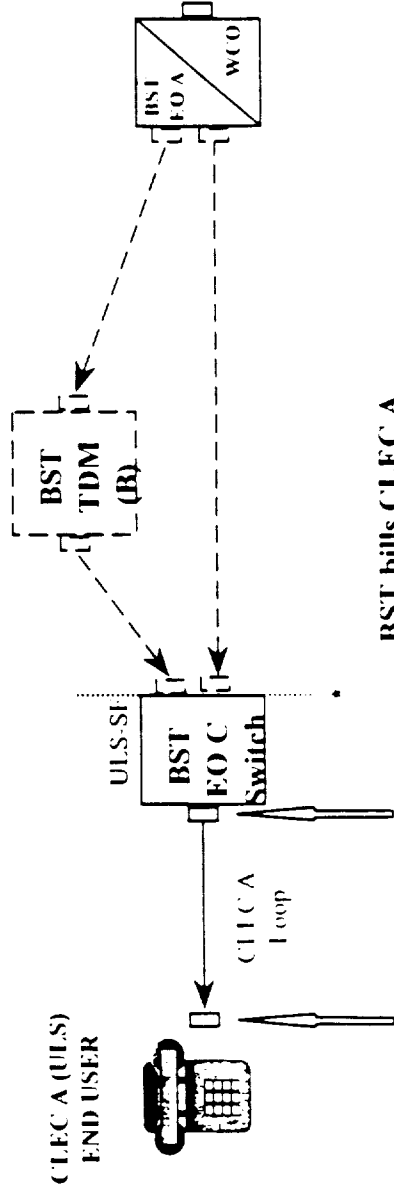
\* indicates demarcation between UNE Network and other Networks

# PROPOSED UNE BILLING ARRANGEMENTS

## 31. BST-Network Interoffice Local/ IntraLata Toll Calling

### Type I

Revised 10/26/99



WCO Type I  
END USER



#### Billing Concept

- Unbundled Network Elements
- WCO Interconnection

#### Usage Recordings

- Call Code 001/072 (local) /006/072 (toll) from BST End Office A
- Call Code 804 if EO A is Stromberg-Carlson switch
- Unable to differentiate between local and toll

- Note this call record is processed in CMRS rating and BIBS

\* indicates demarcation between UNE Network and other Networks

#### Billing Factors

- WCO provides BST with jurisdictional factors

#### Record Exchange

- BST will send terminating access records via ADUF to CLEC A so that CLEC A can bill BST terminating access (terminating access created from originating intralata toll) (include BST company code 5124 in ADUF record)

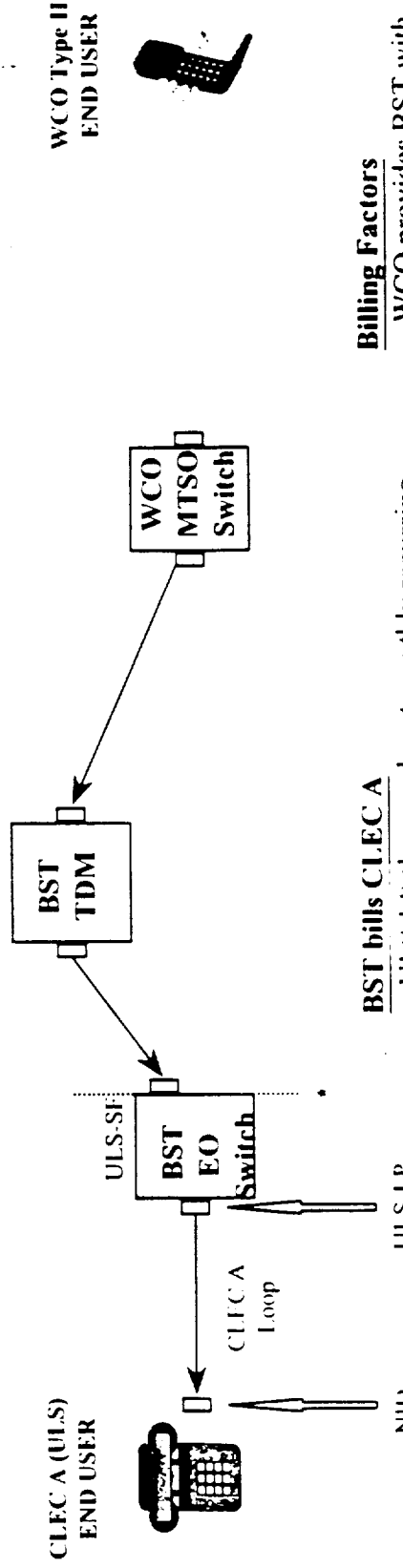
Note: No meet point billing between WCO and CLEC A

# PROPOSED UNE BILLING ARRANGEMENTS

## 32. Multi-Network Interoffice Local and IntraData Toll Calling

### Type II-A

Revised 06/28/99



#### Billing Concept

- Unbundled Network Elements
- WCO Interconnection

#### Usage Recordings

- CLEC A 1-066 is made at Tandem--
- ULS-SF differentiates between local and toll
- Note this call record is processed in CMRS rating and BIBS

- \* indicates demarcation between UNE Network and other Networks

#### BST bills CLEC A

- ULS-LP (loop and port monthly recurring)
- ULS-SF (unbundled local switching - terminating)

#### BST bills WCO

- CMRS contract rates (intermediary plus cost) (BST currently includes volume of calls terminating to UNE CLECs and revises CMRS contract percentages and rates as needed to recover BST costs to pay mutual compensation to CLEC A)

#### CLEC A bills BST

- Reciprocal compensation rates as agreed to in the CLEC/BST contract

#### Billing Factors

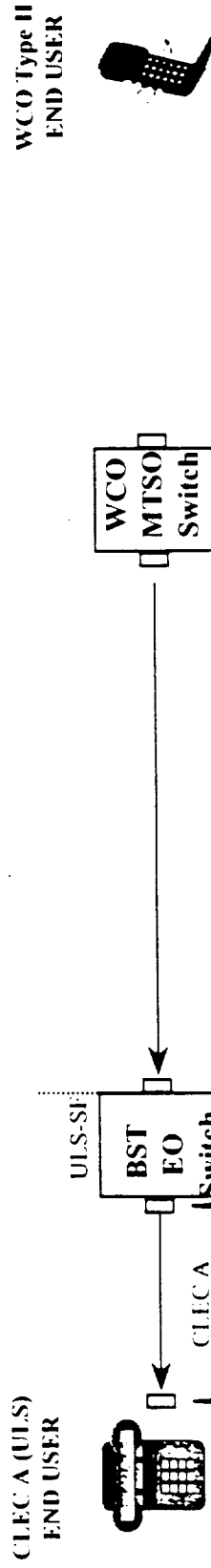
- WCO provides BST with jurisdictional factors

#### Record Exchange

- BST will send terminating access records via ADUF to CLEC A so that CLEC A can bill BST terminating access. (include BST company code 5124 in ADUF record)

Note: No meet point billing between WCO and CLEC A

Revised 10/26/99



## Billing Concept

- Unbundled Network Elements  
-- WCO Interconnection

## Usage Recordings

- Call Code 001/072 (local) is made at BST EO when MF signaling is used. No recording is made when MF signaling is not used.

## BST bills CLECA

- ```
-- ULS-LP (loop and port monthly recurring)
-- ULS-SF (Unbundled local switching - terminating)
```

BSF bills WCO

- CMRS rates per contractual agreement

CLEC A bills BST

- Reciprocal compensation rates as agreed to in the CLEC/BST contract

Billing Factors

- WCO provides BST with jurisdictional factors**

Record Exchange

- When available, BST will send terminating access records via ADUF to CLEC A so CLEC A can bill BST terminating access (terminating access created from the originating intralata toll) (Include BST company code 5124 in ADUF record)

- indicates demarcation between UNE Network and other Networks

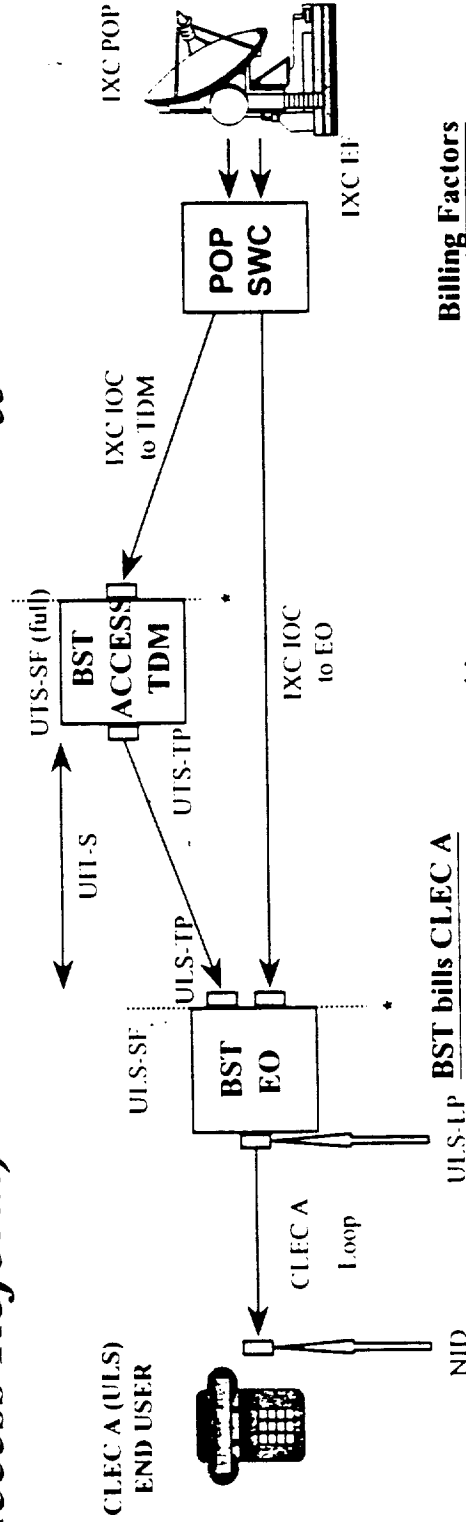
Note: No meet point billing between WCO and CHCA

PROPOSED UNE BILLING ARRANGEMENTS

33. INTERSTATE / INTRASTATE ACCESS CALLING

(Access Reform) Multi-Network Interoffice

Revised 09/21/99



BST bills CLEC A

- U/S-LP (loop and port monthly)
 - U/S-SF (unbundled switching - terminating EO)
- Charges below apply if IXC tandem routed
- U/S-LP (end office trunk port)
 - U/S-S (unbundled transport - shared, mileage from BST EO and BST AT)
 - U/S-TP (Full Tandem trunk Port)
 - U/S-SF (unbundled full tandem switching)
- CLEC A may bill IXC**

- Terminating Access as agreed upon between CLEC A & IXC

BST bills IXC

- BST portion of dedicated switched transport from IXC POP to BST AT if tandem-routed or BST portion of dedicated transport from IXC POP to CLEC EO if direct

Billing Factors

- IXC must provide terminating PIUs and possibly PLU to BST and CLEC A

Record Exchange

- BST will send terminating access records via ADUF to CLEC A so that CLEC A can bill the IXC

Demarcation Point between UNE Network and IXC Network

- Access Tandem Switch if tandem
- Terminating End Office Switch (Trunk Side) if direct

- * indicates demarcation between UNE Network and other Networks

Usage Recordings

- Unbundled Network Elements
- Access Reform

Usage Recordings

- Call Code 119 on FG D
- Call Code 135 on FG B

UNE Team concerned that IXC does not know to expect CLEC A to bill access

PROPOSED UNE BILLING ARRANGEMENTS

34. INTRASTATE ACCESS CALLING - Pre Access Reform

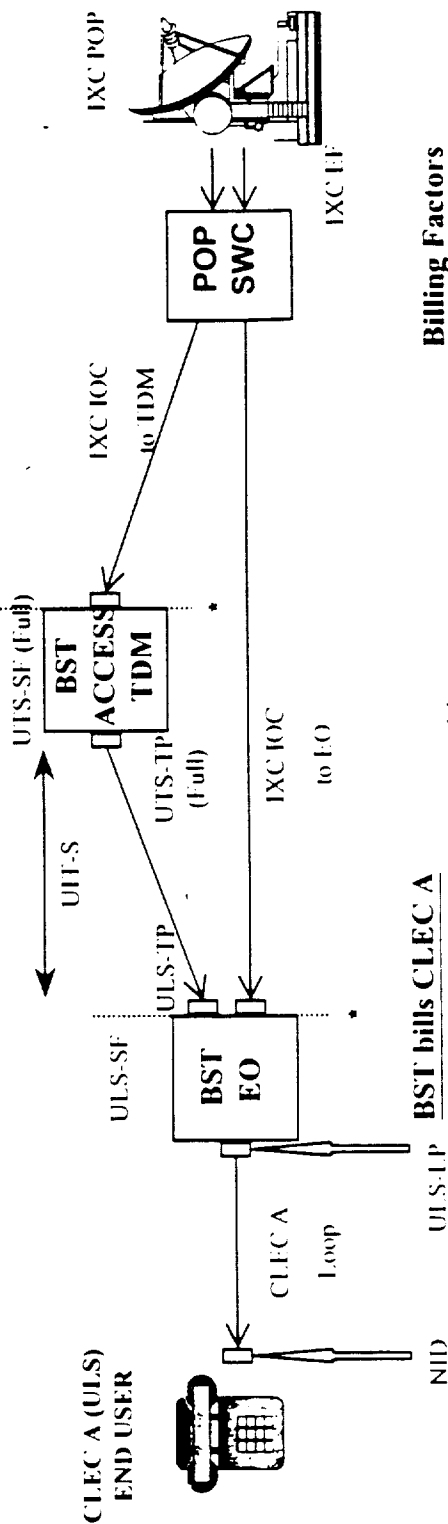
Multi-Network Interoffice

Updated 11/02/99

34. *INTRASTATE ACCESS CALLING - Pre Access Reform*

Multi-Network Interoffice

Updated 11/02/99



Billing Concept

- Access with Meet Point Billing
-- Unbundled Network Elements

- ### --- Unbundled Network Elements

Usage Recordings

- Call Code 119 on FGD
--- Call Code 135 on FGB

- Call Code 135 on FGB

UNE Team concerned that IXC does not know to expect CLEC A to bill access

Replicates Flow 33 for UNE
Billing.

BST hills CLECA

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled switching - terminating)
- Charges below apply if IXC tandem routed
- ULS-TP (end office trunk ports)
- UIT-S (unbundled transport - shared, mileage from BST EO and BST AT, fixed and per mile)
- UTS-TP (unbundled full rate-tandem trunk ports)
- UTS-SF (unbundled full rate tandem switching)

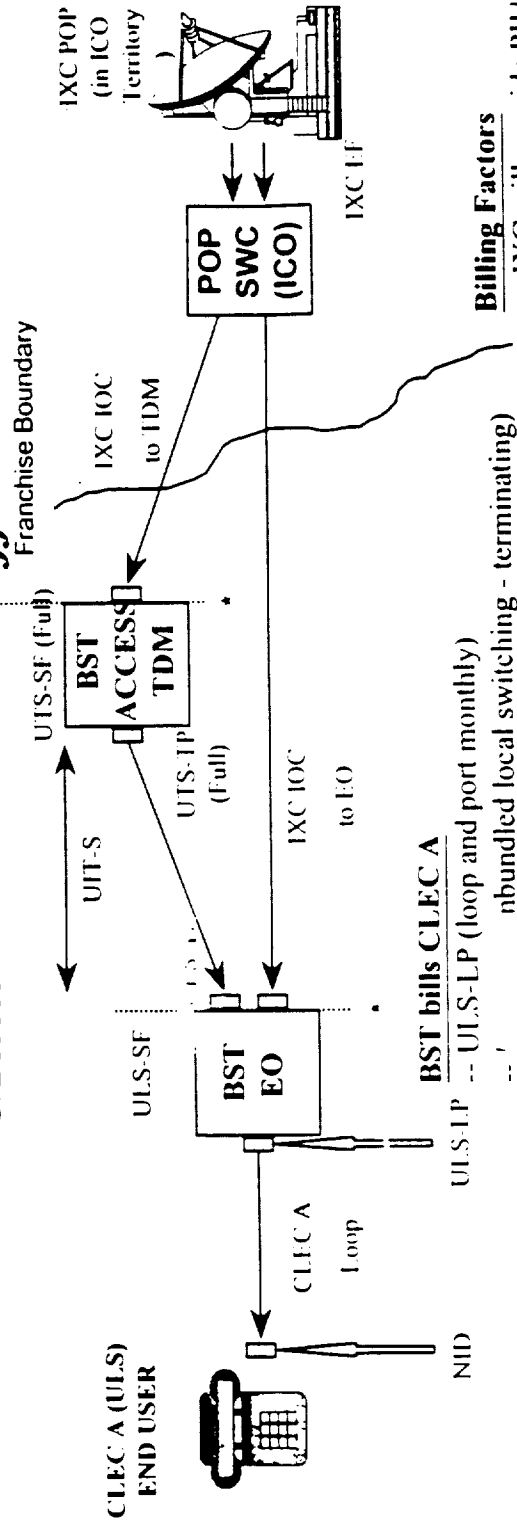
PROPOSED UNE BILLING ARRANGEMENTS

35. INTRASTATE ACCESS CALLING (Pre Access Reform)

No IT Impact

Multi-Network Interoffice

Revised 11/02/99



Billing Concept

- Unbundled Network Elements
- Access with MPB

Usage Recordings

- Call Code 119 on FGD
- Call Code 135 on FGB

Replicates Flow 33 for UNE Billing.

- * indicates demarcation between UNE Network and other Networks

Billing Factors

- IXC will provide PIU & PLU to BST, ICO and CLEC A

Record Exchange

- BST will send records via ADUUF to CLEC A so that CLEC A can bill the IXC.
- BST should send ICO summary records for reverse POP but this is not being done currently.

Terminating access as agreed upon between CLEC A and IXC

BST bills IXC

- BST portion of Dedicated or common Switched Transport from IXC POP to BST access tandem (BST not billing common transport since no tariff element to support today)

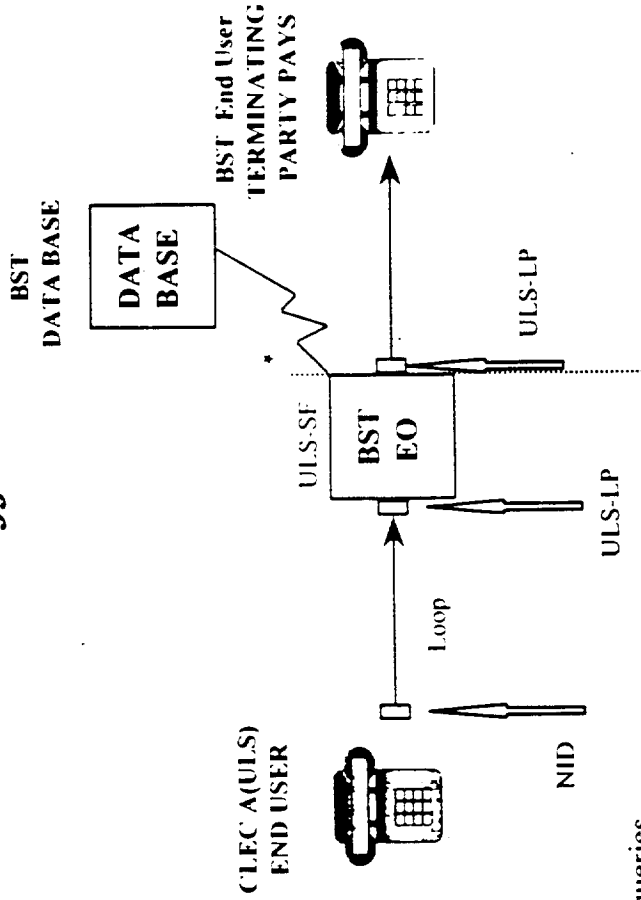
ICO may bill IXC

- Switched Dedicated Locals Channels (EF)
- ICO portion of Dedicated or common Switched Transport

PROPOSED UNE BILLING ARRANGEMENTS

37. BST Network Intralata 800 Intraoffice/Intraswitch

Revise 06/02/00



Billing Concept

- End office capable of data base queries
- Unbundled Network Elements
- Terminating Party Pays Services (Includes 800 Services)

Usage Recordings

- Call Code 142 for 800 is made at the End Office (no tandem indicator)

Billing Factors

- N/A

Record Exchange

- BST sends Intralata record to CLEC A if appropriate via ADUF (EMI 110125 with CIC 5124)

BST bills CLEC A

- ULS-LP (Loop and port monthly)
- ULS-SF (unbundled local switching - originating)
- 800 Data Base Dip

BST bills BST 800 Number

- CRIS bills Terminating Party Pays

CLEC A may bill BST

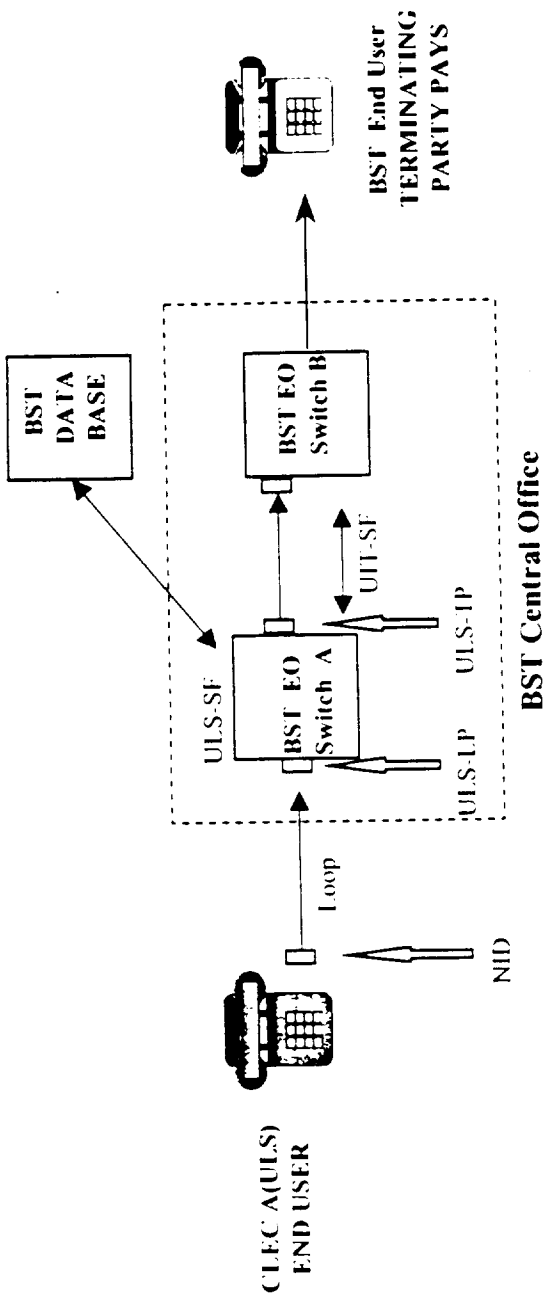
- Originating Access (LT, EO, CCL)

* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

37a. BST Network Intralata 800 Intraoffice/Interswitch

Revised 06/02/00



Billing Concept

- End office capable of data base queries
- Unbundled Network Elements
- Terminating Party Pays Services (Includes 800 Services)

Usage Recordings

- Call Code 142 for 800 is made at the End Office (no tandem indicator)

BST bills CLEC A

- ULS-LP (Loop and port monthly)
- 1 ULS-SF (unbundled local switching - originating)
- 1 ULS-TPs (end office trunk ports)
- UIT-S (unbundled transport - shared, fixed and per mile, mileage from Switch A to Switch B - zero transport miles)
- 800 Data Base Dip

BST bills BST 800 Number

- CRIS bills Terminating Party Pays

CLEC A may bill BST

- Originating Access (LT, EO, CCL)

Billing Factors

- N/A

Record Exchange

- BST sends Intralata record to CLEC A if appropriate via ADUF (EMI 110125 with CLEC 5124)

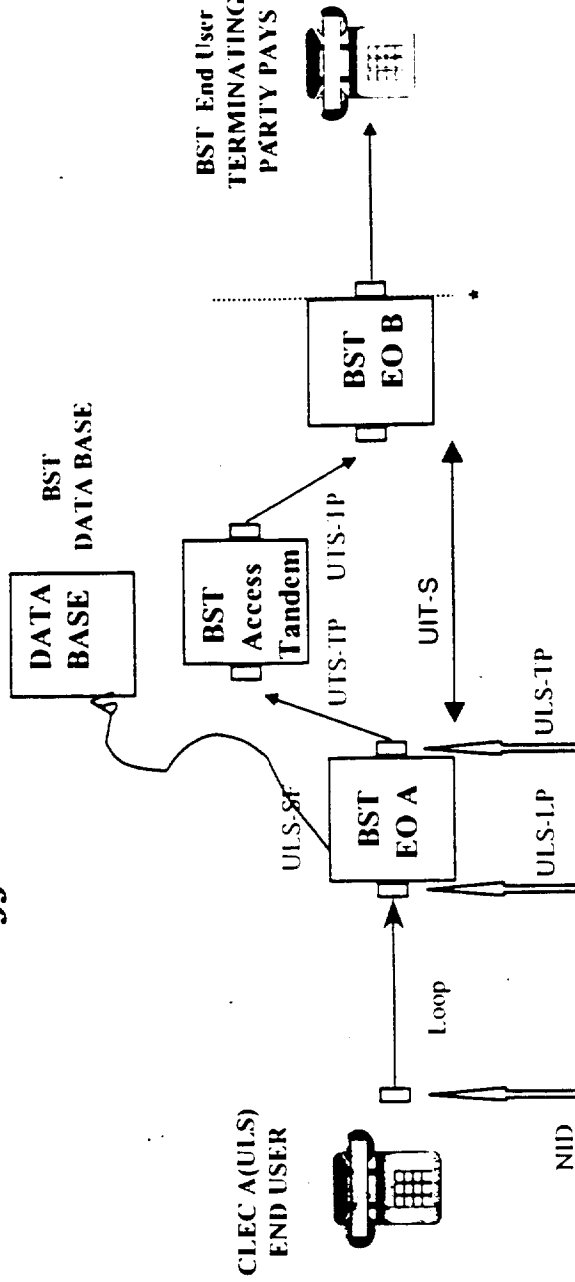
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

38. BST Network Intralata 800

Interoffice

Revised 06/02/00



Billing Concept

- capable of data base queries
- Unbundled Network Elements
- Terminating Party Pays Services (Includes 800 Services)

Usage Recordings

- Call Code 142 for 800 is made at the End Office (no tandem indicator)

BST bills CLEC A

- ULS-LP (Loop and port monthly)
- 1 ULS-SF (unbundled local switching originating, summarized at originating EO A)
- UITS-S (unbundled shared transport, fixed & per mile, mileage from BST EO A to BST EO B)
- 1 ULS-TP (end office trunk port)
- UTS-SF (melded tandem switching)
- 2 UTS-TP (melded tandem trunk ports)
- 800 Data Base Dip

BST bills BST 800 Number

- CRIS bills Terminating Party Pays
- CLEC A may bill BST**
- Originating Access (LT, EO, CCL)

Billing Factors

- N/A

Record Exchange

- BST sends Intralata record to CLEC A if appropriate via ADUF (EMI 110125 with CIC 5124)

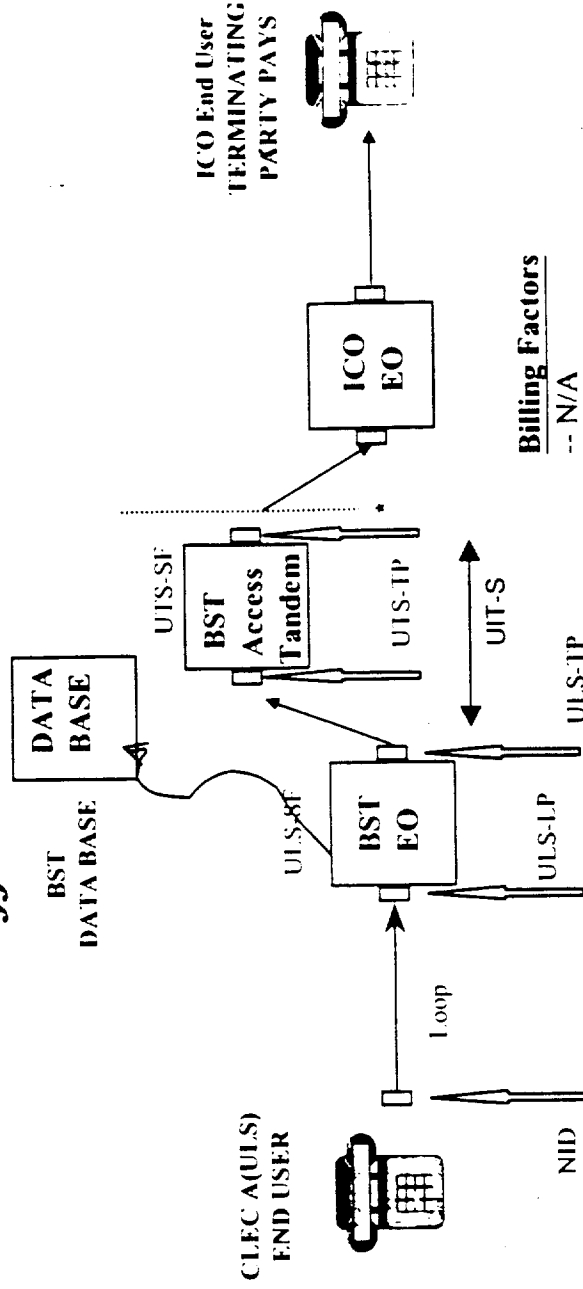
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

38A. Multi-Network Intralata 800

Interoffice

Revised 6/06/00



Billing Concept

- Meet point billing
- BST EO capable of data base queries
- Unbundled Network Elements
- Terminating Party Pays Services (Includes 800 Services)

Note: UNE cannot be used for intralata 800

Usage Recordings

- Call Code 142 for 800 is made at the End Office (no tandem indicator)

Billing Factors

- N/A

Record Exchange

- BST sends Intralata record to CLEC A if appropriate via ADUF (EMI 110125 with CIC 0000)
- BST sends end user 010125 record to ICO
- CLEC A may send EMR 1150XX to BST in error

Note: default ULS to zero miles since do not know if call was tandem routed, meet point with IC O, and that IC O and tandem could possibly be co-located

- * indicates demarcation between UNE Network and other Networks

- BST bills CLEC A**
 - ULS-LP (Loop and port monthly)
 - ULS-SF (unbundled local switching - originating)
 - UIT-S (unbundled shared transport, mileage from BST EO and BST Access tandem)
 - ULS-TP (end office trunk port)
 - 2 UTS-TP (melded tandem trunk ports)
 - UTS-SF (melded tandem switching)
 - 800 Data Base Dip
- ICO bills ICO EU**
 - Terminating Party Pays
 - CLEC A may bill ICO**
 - Originating Access (LT, EO, CCL)

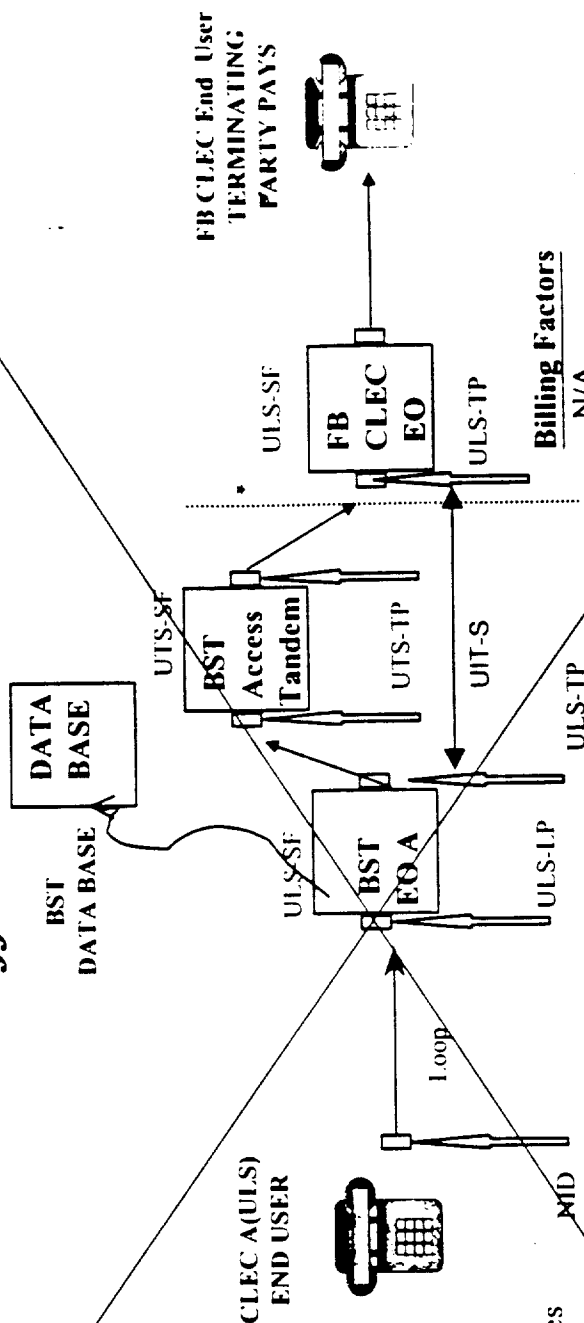
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38B. Multi Network Intralata 800

Interoffice

Revised 09/24/99

BSF will not sell
intralata 800 to a CLEC



- indicates demarcation between UNE Network and other Networks

Billing Concept

- Meet point billing
--- BST EO capable of data base queries
--- Unbundled Network Elements
--- Terminating Party Pays Services
(Includes 800 Services)

Usage Recordings

~~Call Code 142 for 800 is made at the
End Office (no tandem indicator)~~

Note: the credit process is necessary because the FB CLEC recording does not indicate 800 service

BST bills CLECA

- ULS-LP (Loop and port monthly)
- 2ULS-SF (unbundled local switching - originating & terminating summarized at EO A)
- UIT-S (unbundled shared transport, fixed & per mile from BST EO and FB CLEC EO)
- 2 ULS-TP (end office trunk ports)
- 2 UTS-TP (unbundled melded trunk ports)
- UTS-SF (unbundled melded tandem switching)

FB CLEC bills EU

- Terminating Party Pays
CLEC A may bill FB CLEC
 --- Originating Access (LT, EO, CCL)
 -- 800 Data Base Dip

FB CLEC bills BSF

- Reciprocal comp (from FB CLEC
terminating recording
--- Credit reciprocal comp (use 010125
record sent by BSI)

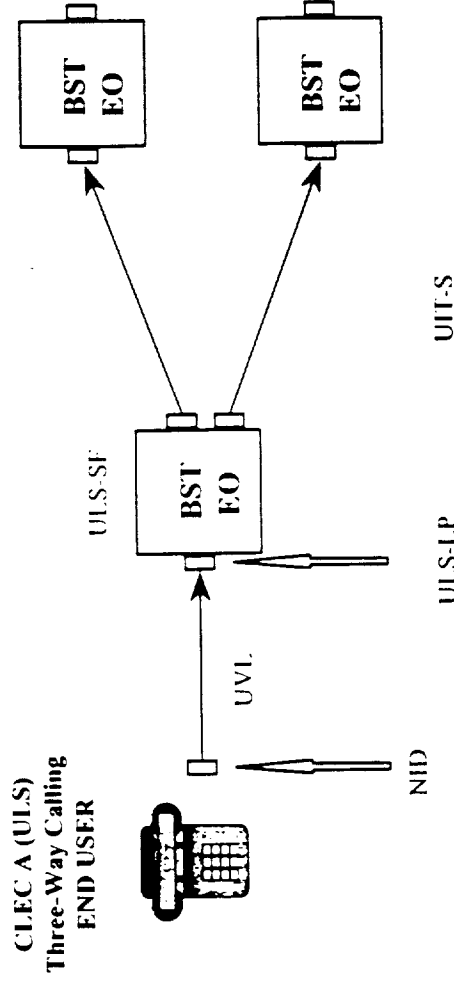
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PROPOSED UNE BILLING ARRANGEMENTS

39. LOCAL Per use (I.e. 3-Way calling, call forwarding, etc.)

Interoffice

9/13/99



Billing Concept

-- Unbundled Network Elements,

Two separate calls

UNE CLEC invokes 3 way cal,
call forwarding, etc.

BST bills CLEC

-- Same as two calls see individual call detail
-- UNE CLEC is not billed for per use

Billing Factors

-- Required for each call as for the
individual calls

Usage Recordings

-- Same as individual call recordings
-- per use recording

Record Exchange

-- BST sends Per use recording to
CLEC A if appropriate via ODUF.
-- BST sends other recording via regular
usage exchange if appropriate

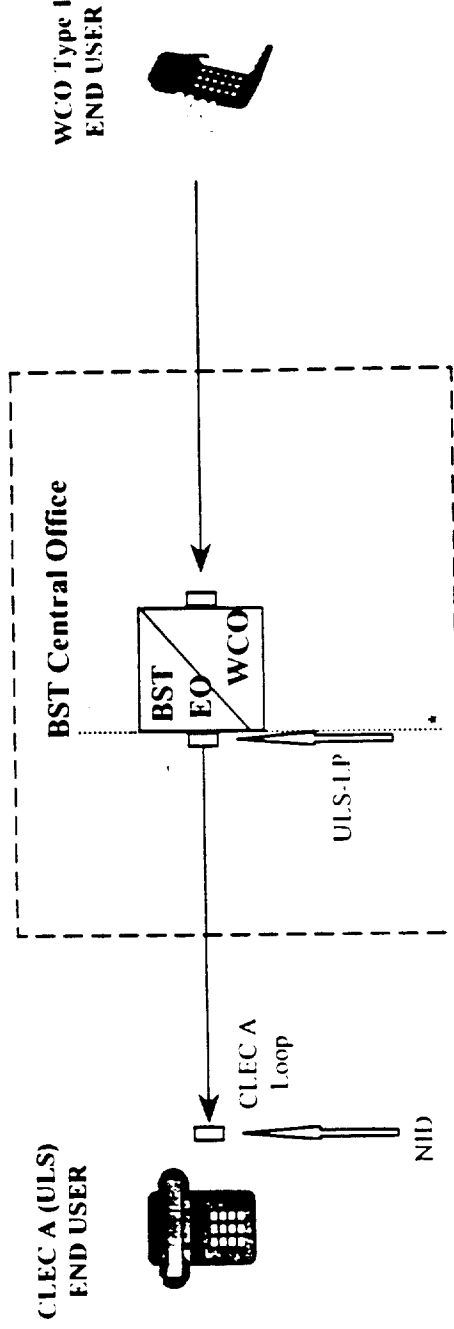
* indicates demarcation between UNE
Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

47. BST-Network LOCAL CALLING

Type 1 Intraoffice/IntraSwitch

Revised 11/03/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001/ 006/072 is made at the End Office

Sent as part or work request because of requirement to drop this

* indicates demarcation between UNE Network and other Networks

Billing Factors

-- N/A

Record Exchange

--N/A

BST bills CLEC A

-- ULS-LP (loop and port monthly)

BST bills WCO

-- CMRS contract rates (melded plus cost)

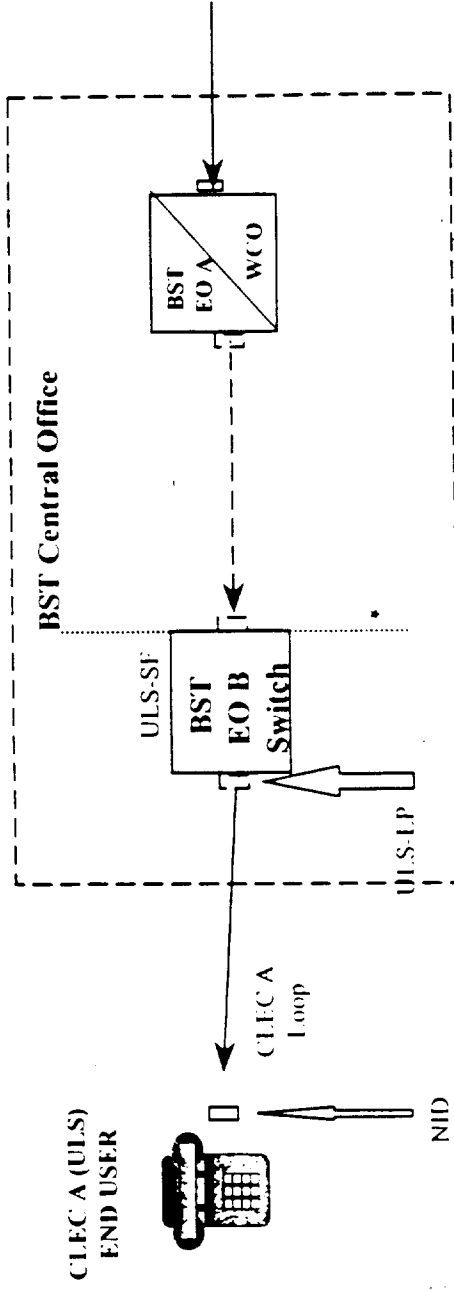
CLEC A bills BST

--N/A

PROPOSED UNE BILLING ARRANGEMENTS

48. BST-Network Intraoffice/Interswitch Local/ IntraLata Toll Calling Type I

Revised 10/26/99



Billing Factors

--N/A

Billing Concept

- Unbundled Network Elements
- WCO Interconnection

Usage Recordings

- Call Code 001/006/072 from BST EO A **BST bills WCO**
- Unable to differentiate between local and toll
- Note this call record is processed in CMRS rating and BIBS

BST bills CLEC A

- ULS-LP (loop and port monthly recurring)
- ULS-SF (unbundled local switching - terminating)

BST bills WCO

- CMRS contract rates (intermediary plus cost) (BST currently includes volume of calls terminating to UNE CLECs in CMR contract percentages and rates to recover BST costs to pay mutual compensation to CLEC A)

CLEC A bills BST

- Reciprocal compensation rates as agreed to in the CLEC/BST contract until Meet Point billing infrastructure developed

* indicates demarcation between UNE Network and other Networks

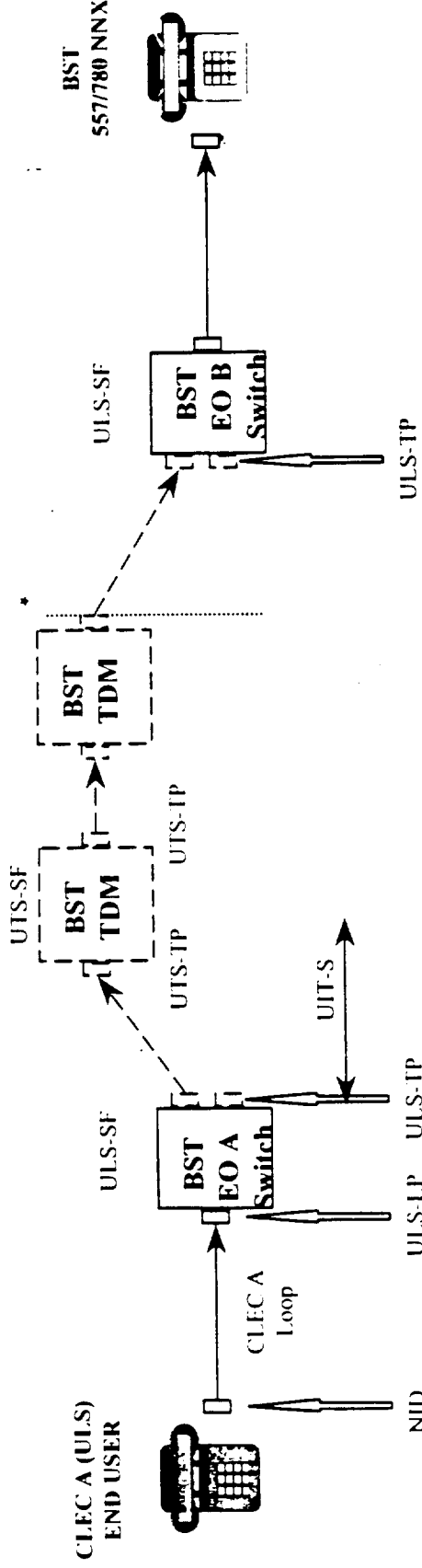
Note: No meet point billing between WCO and CLEC A

PROPOSED UNE BILLING ARRANGEMENTS

49. BST Network LOCAL / Intralata Toll CALLING

Interoffice Terminating to BST Official Telephone Numbers

Revised 11/03/99



Billing Concept

- Unbundled Network Elements
- Calls to BST Repair are to 557/780 NNxs (Note calls to 611 in Ga need to be treated like this flow as they are calls to repair.)

Usage Recordings

- Call Code 001, 006, 072 (005 in 1AESS) is made at the End Office.
- No tandem indicator, no access time, no attempts. It does not matter whether the call is local or intralata toll.
- indicates demarcation between UNE Network and other Networks

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SF (unbundled local switching, originating and terminating, summarized at originating EO A)
- 2 ULS-TP (end office ports)
- UIT-S unbundled transport - shared, fixed and per mile)
- UTS-SF (unbundled full tandem switching)
- 2 UTS-TP (full tandem trunk ports)

Note: use end office and tandem V&H coordinates for mileage since these calls may be routed interstate over corporate Network.

Billing Factors

- NA

Record Exchange

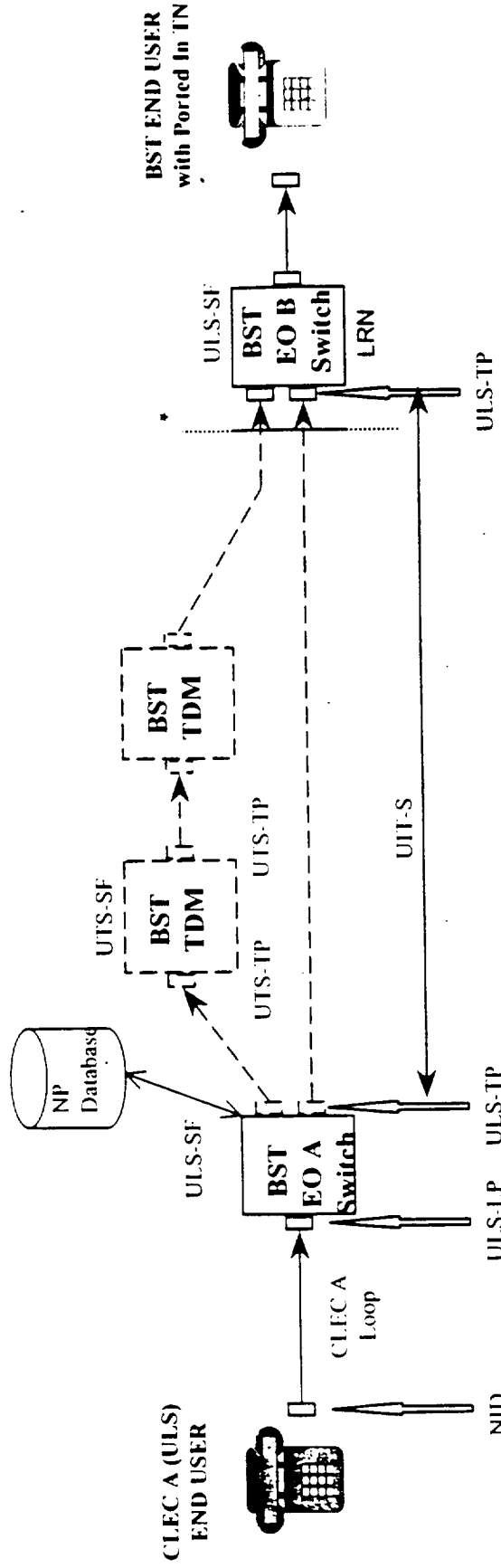
- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

50. LOCAL CALLING

UNE CLEC End User Calls BST End User with “Ported In” TN

Revised 11/03/99



Usage Recordings

-- Call Code 001/006/072 (has terminating
LRN in the record)

Record Exchange

-- BST sends originating Local record via ODUF to CLEC A (ULS) if appropriate

BST bills CLECA

- 2 ULS-LP (loop and port monthly)
- 2 ULS-SF (unbundled switching
 - originating and terminating)
- 2 ULS-TPs (end office trunk port
 - originating and terminating)
- UIT-S (unbundled transport - shared,
Mileage from EO A to EO B/LRN)
- UTS-SF (tandem switching)
- 2 UTS-TPs (Tandem trunk ports)
- LNP Query

This is the same as another call flow - Only difference is the LNP Query.

Note: UITS is from originating BST EO to terminating LRN EO (which is terminating BST EO) Note this query has the BST point code. Also note the query is performed by IXC on interlata calls.

- indicates demarcation between UNE Network and other Networks

UNE CLEC End User Calls BST End User with “Ported Out” TN



ULS-LP (loop and port monthly)

- S-SF (unbundled switching - originating and terminating, summarized at EO A)

2 ULS-TPs (end office trunk port

- originating and terminating)

UIT-S (unbundled transport - shared),

Mileage from EO A to POI)

UTS-SF (tandem switching)

2 UTS-TPs (Tandem trunk ports)

LNP Query

FB CLEC B bills BS*

Reciprocal Compensation

-- Call Code 001/006/072 (has terminating
LRN in record)

-- BST sends originating Local record via ODUF to CLEC A (ULS) if appropriate

06/06/00

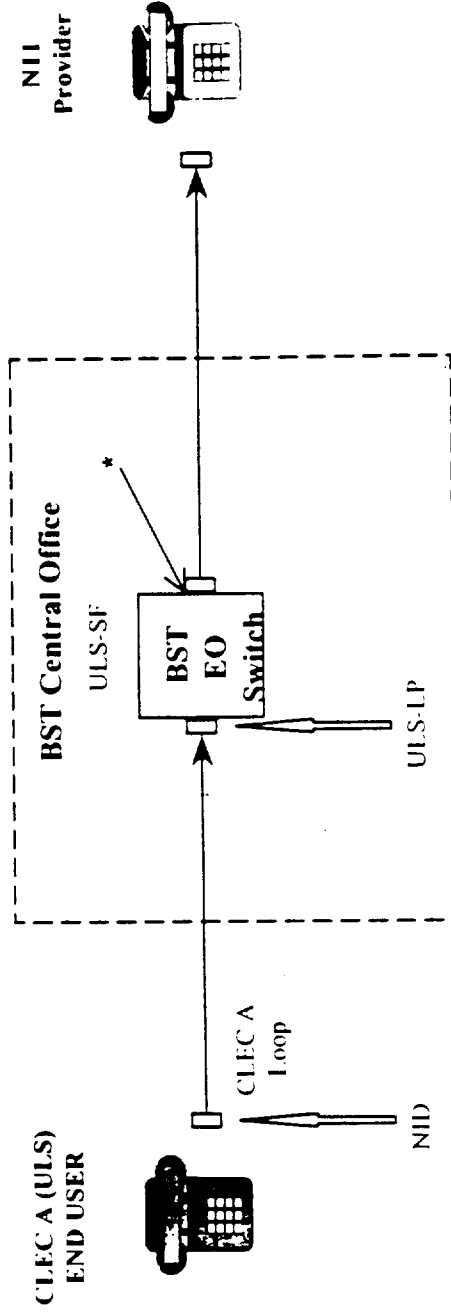
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PROPOSED UNE BILLING ARRANGEMENTS

52A. BST Network LOCAL CALLING - N11

Intraoffice/Intraswitch

Revised 10/26/99



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 001/072 (NOT MB113) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

* indicates demarcation between UNE Network and other Networks

Billing Factors

- NA

Record Exchange

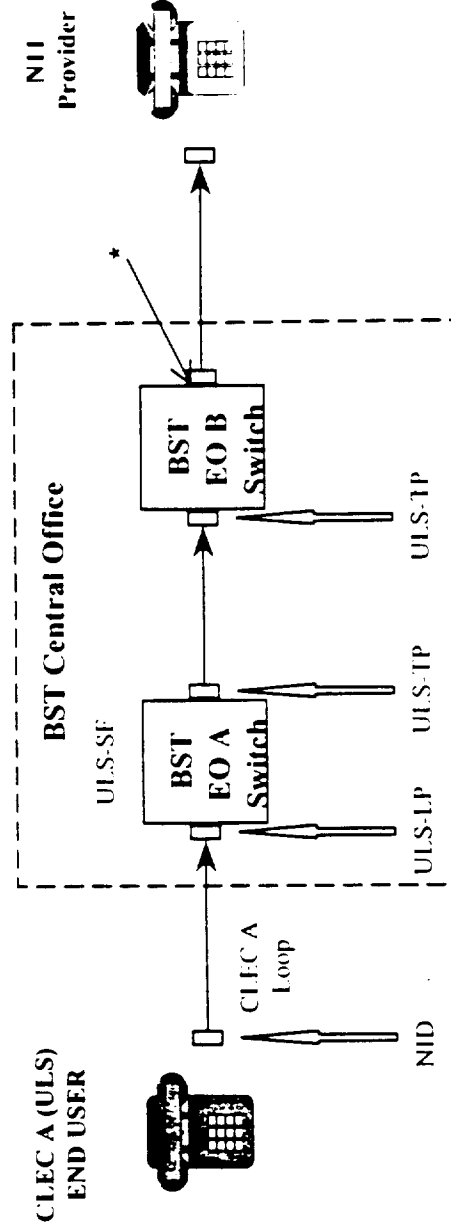
- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

52B. BST Network LOCAL CALLING - N11

Intraoffice/Interswitch

Revised 01/14/00



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 001/072 (NOT MB113) is made at the End Office. No tandem indicator, no access time, no attempts. No term recording.
- Normal EO recordings appropriate to the type of service will be made.

BST bills CLEC A

- ULS-LP (loop and port monthly)
 - 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)
- Note: rate elements below are not billed since N11 is not translated to POTs number
- 2 ULS-TPs (trunk ports)
 - UIT-S (unbundled transport, fixed, mileage calculated from EO A to EO B) (zero transport miles)
 - (N11 per message charge handled in separate work request)

Billing Factors

- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

Demarcation Point Between UNE CLEC Network and BST (exclusive use) Network

Terminating End office Switch (Trunk Side)

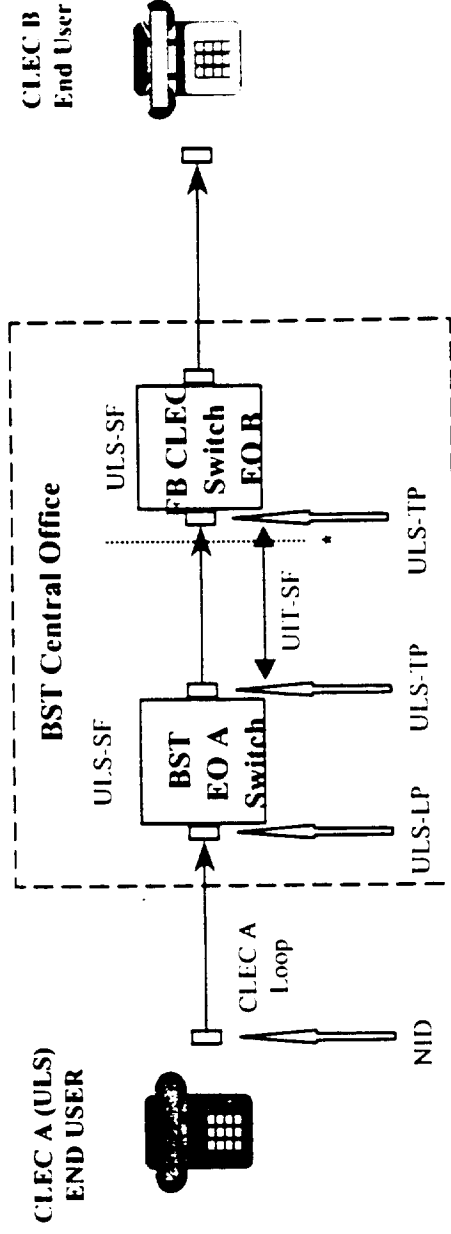
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

54. Multi-Network LOCAL CALLING

Intraoffice/Interswitch FB CLEC Switch Co-located in BST CO

Revised 06/02/00



Billing Concept

- Unbundled Network Elements
- Assume 1st 8 characters of FB CLEC CLLI code are same as BST EO A

Usage Recordings

- Call Code 001 (NOT MB113)/CC006/CC072 is made at the End Office A. No tandem indicator, no access time, no attempts. No term recording.

Billing Factors

- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching - originating, summarized at originating & terminating EO A)
- 2 ULS-TPs (trunk ports)
- UIT-S (unbundled transport, fixed, mileage calculated from EO A to EO B) (zero transport miles since V&H's for EO A and B are the same)

FB CLEC may bill BST

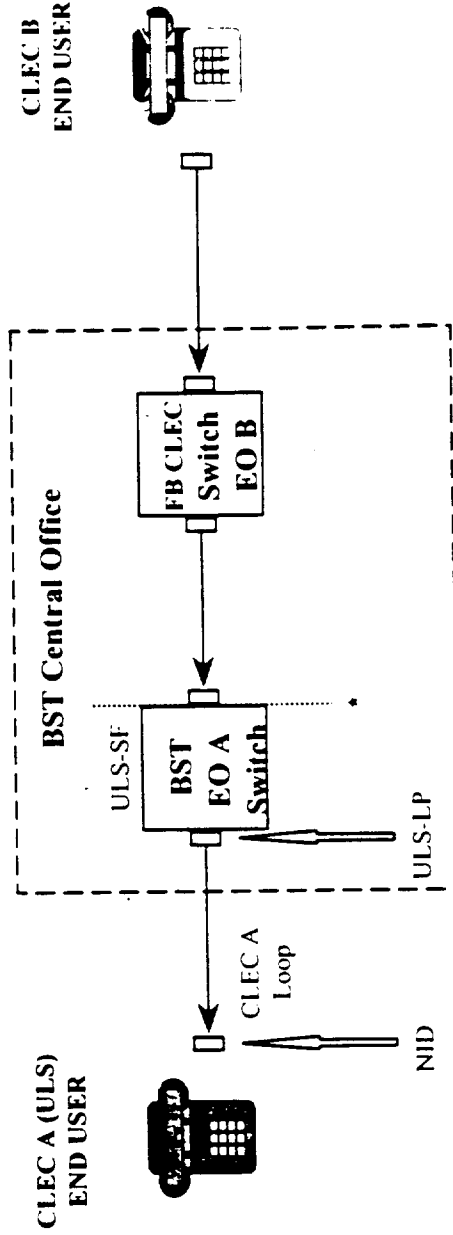
- Reciprocal Compensation

* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

55. Multi-Network LOCAL CALLING

Intraoffice/Interswitch FB CLEC Switch Co-located in BST CO Revised 10/18/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 119, 720 made at End Office A.

Billing Factors

-- NA

Record Exchange

--BST sends terminating access record to CLEC A via ADUF if appropriate

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- ULS-SF (unbundled local switching - terminating)

CLEC A bills CLEC B

-- Local Interconnection / charges per agreement (recovers cost for ULS-SF)

* indicates demarcation between UNE Network and other Networks

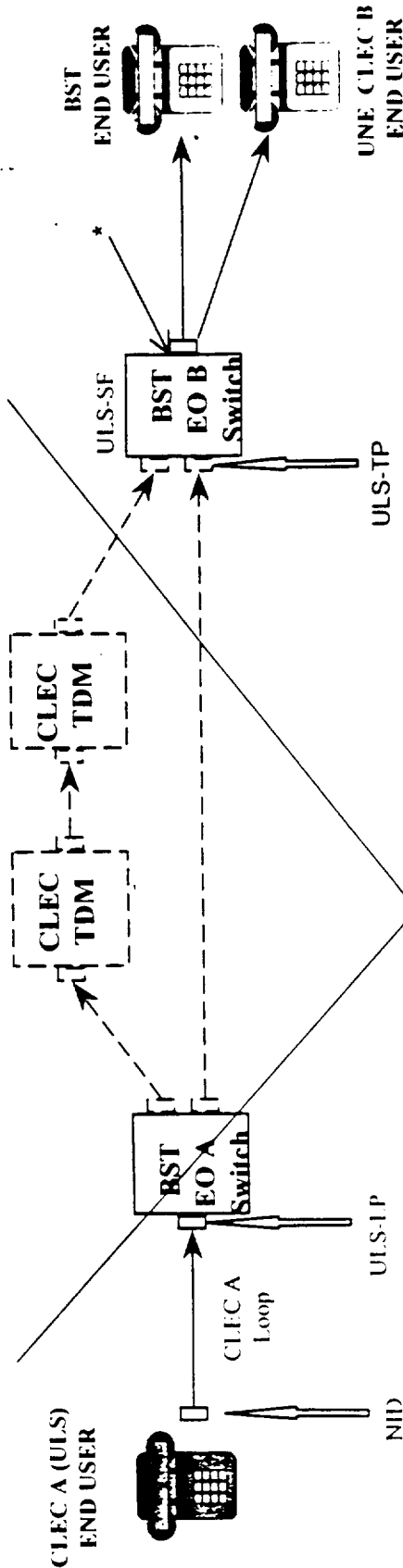
PROPOSED UNE BILLING ARRANGEMENTS

A. Multi-Network INTRALATA TOLL CALLING

No IT Impact

Interoffice

Revised 10/26/99



Billing Concept

- Unbundled Network Elements
- UNE has another company as intra-lata toll provider (LPIC not BST)

Usage Recordings

- Call Code 110, 117 is made at End Office A

Billing Factors

- NA

Record Exchange

- BST sends Originating Intralata Toll record via ADUF to CLEC A if appropriate

Demarcation Point between UNE

CLEC A Network and BST (exclusive use) Network

Terminating end office switch (trunk side)

This becomes just like call flow 22. A note was added to call flow 22 to show this scenario is included. This call flow will be deleted.

* indicates demarcation between UNE Network and other Networks

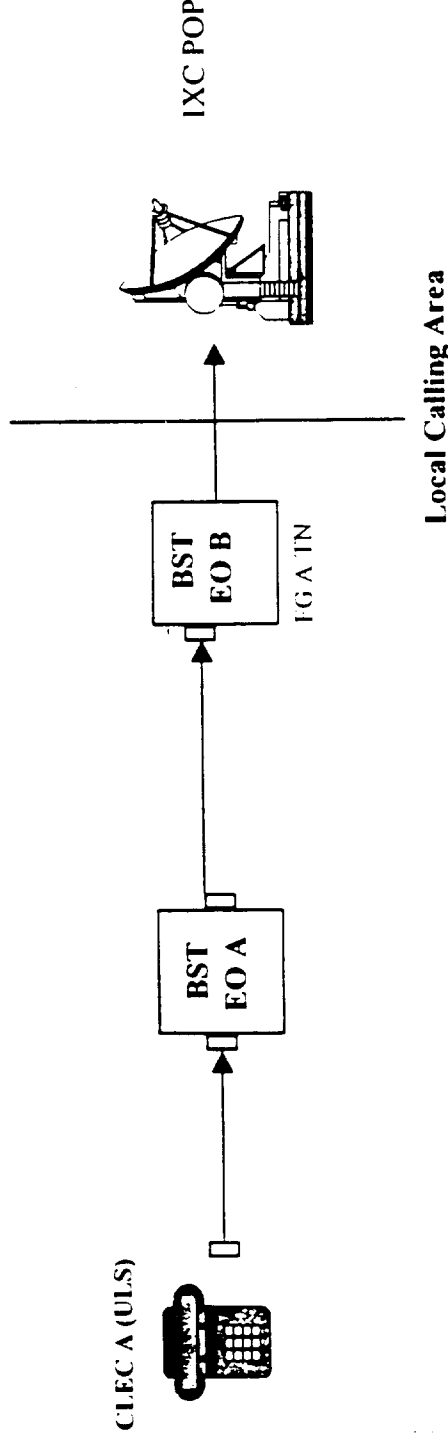
PROPOSED UNE BILLING ARRANGEMENTS

B1. UNE Calls Feature Group A Number

FGA in a different CO than UNE

Revised 10/26/99

No IT Impact



Billing Concept

- Unbundled Network Elements
- Feature Group A Access Service

Usage Recordings

- Call code 001/006/072 if FGA recorded at EO A
- Call code 131 for Feature Group A recorded at EO B and used to bill FGA IXC (originating TN is the FG A TN, terminating number is the called party)
- Call Code 008 in LAESS offices for FG A

BST bills CLEC

- same elements depending on call as call to non-FGA local number since do not recognize as FGA number
- does not matter if FGA office is in same or different local calling area

Billing Factors

same as regular local call

Record Exchange

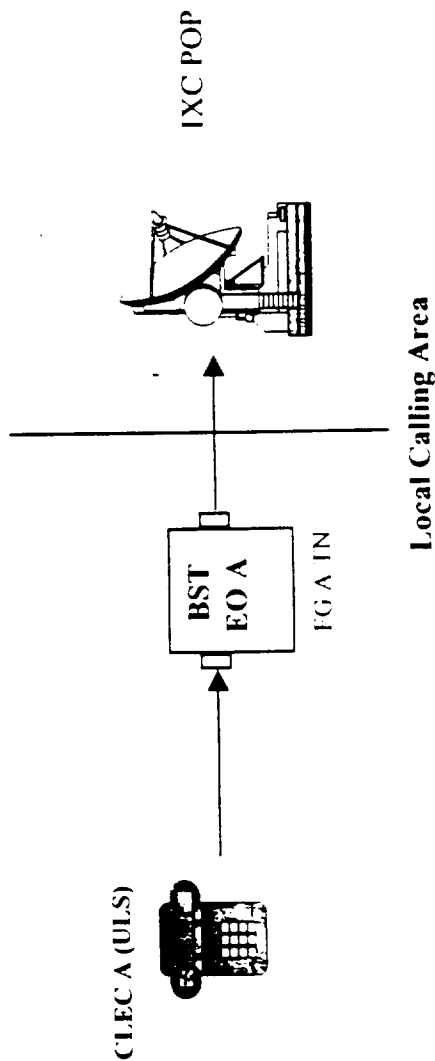
same as regular local call

* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

B2. UNE Calls Feature Group A Number FGA in same CO as the UNE

Revised 10/26/99



Billing Concept

- Unbundled Network Elements
- Feature Group A Access Service

Usage Recordings

- Call code 001/006/072 if FGA recorded at EO A
- Call code 001/006/072 for Feature Group A recorded at LO A and used to bill FGA (originating TN is FGA TN)
- Call Code 008 in 1AESS offices for FG A

Billing Factors

Same as regular local call

Record Exchange

Same as regular local call

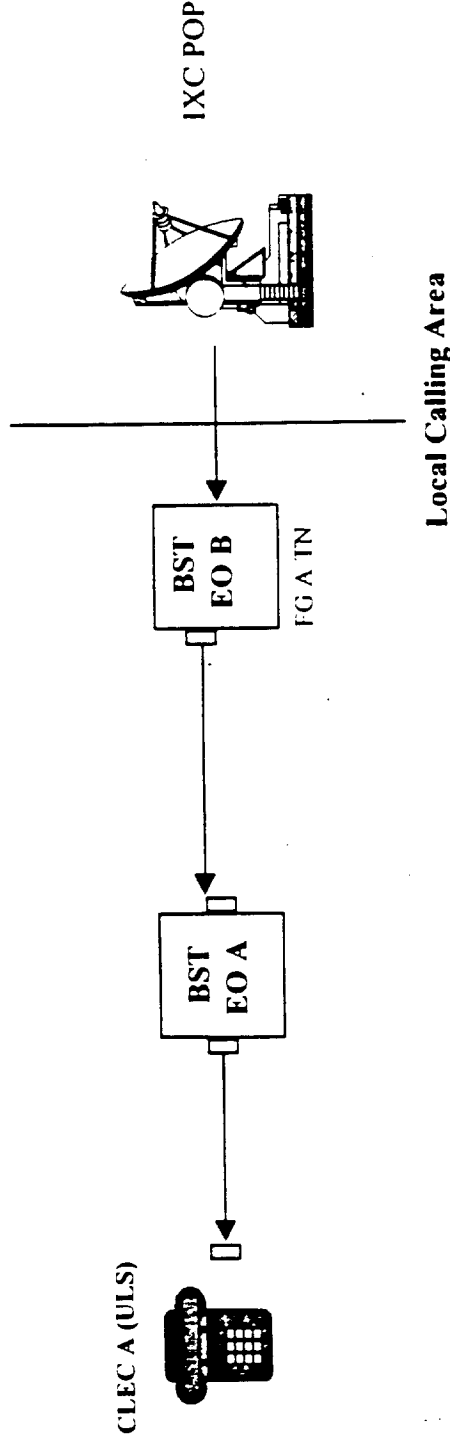
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

B3. Feature Group A Number Calls a UNE FGA in a different CO than UNE

No IT Impact

Revised 8/26/99



Billing Concept

- Unbundled Network Elements
- Feature Group A Access Service

Usage Recordings

- Call code 132 for Feature Group A recorded at EO B and used to bill FGA IXC (in LAESS this is a CC001 with MBI=7 or 8) (originating TN is FGA TN, terminating number is the UNE)

BST bills CLEC A

- same elements depending on call as call to non-FGA local number since do not recognize as FGA number

Note 1: BST continues to bill its FGA customer; the CLEC does not know the TN is FGA

Note 2: there is no difference in intraoffice vs. interoffice

Billing Factors

n/a

Record Exchange

none

* indicates demarcation between UNE Network and other Networks

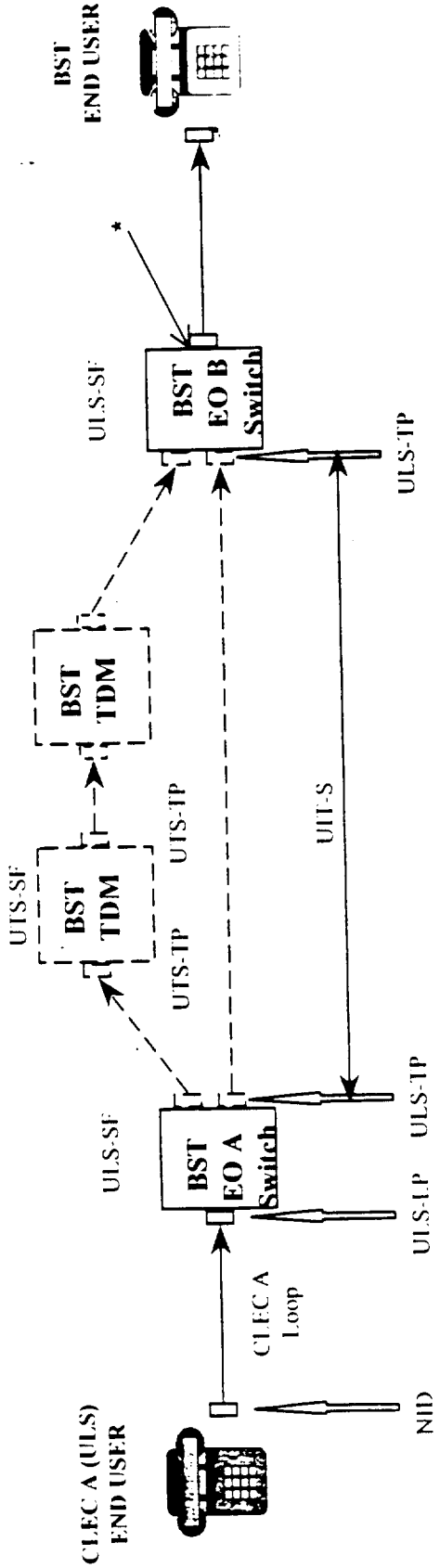
PROPOSED UNE BILLING ARRANGEMENTS

F. BST Network LOCAL CALLING using Touchstar

No IT Impact

Interoffice

Revised 09/6/99



Billing Concept

- Unbundled Network Elements
- Use of Touchstar (i.e. *69 call return)

Usage Recordings

- Various Call Codes made at the End Office for per use
- Normal EO recordings appropriate to the type of service will be made.

BST bills CLEC A

BST bills the UNE using the 001/006/110 not the per use

Billing Factors

- NA

Record Exchange

- BST sends per use record via ODUF to CLEC A if appropriate (rec type 19)

Demarcation Point between UNE

CLEC Network and BST (exclusive use)

Network

Terminating End Office Switch (Trunk Side)

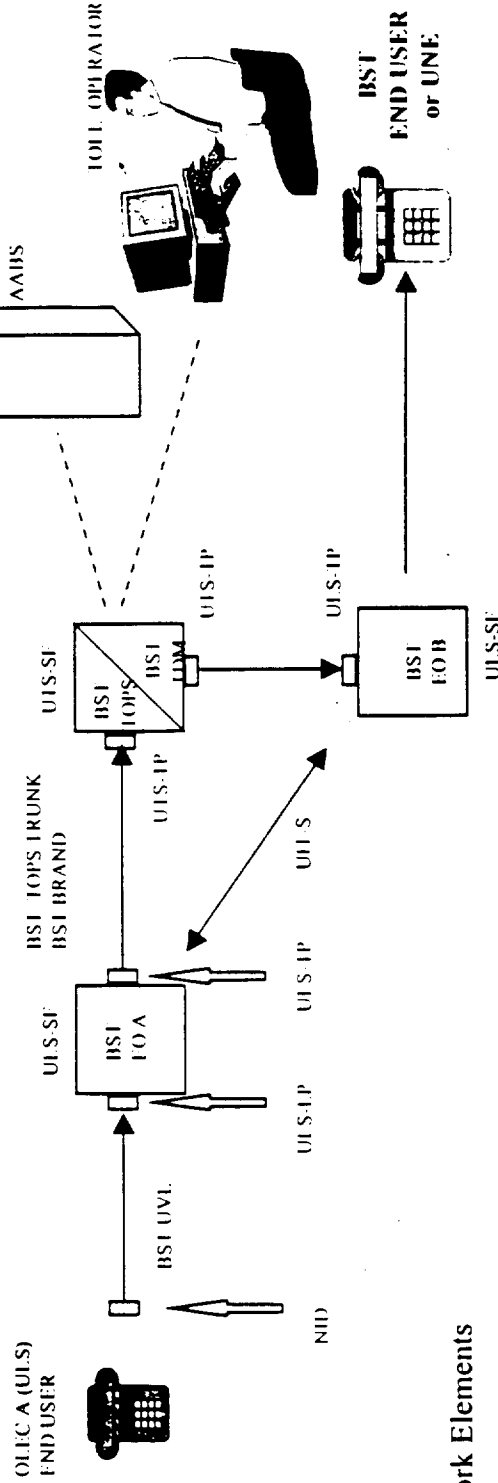
* indicates demarcation between UNE Network and other Networks

PROPOSED UNE BILLING ARRANGEMENTS

O2. OPERATOR CALL PROCESSING - BST BRAND OR UNBRANDED ZERO MINUS or ZERO PLUS

Incomplete Call Completion (Busy/No Answer) or Call Completion

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at the TOPS
TOPS functions like tandem, but no
tandem indicator in call detail
(use elapsed time)

CLEC end user dials 0 - BST Operator dials
terminating number and handles billing or
CLEC end user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
or call completed

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
originating and terminating, summarized
at originating EO A)
-- 2 ULS-TPs (end office trunk ports)
-- ULS-S (unbundled transport-shared, fixed and
per mile, mileage calculated from BST LOA to BST EOB)
-- ULS-S (unbundled full tandem trunk ports)
-- ULS-S (unbundled full tandem switching)
-- Per call/minute operator charges per CLEC contract

Billing Factors

-- NA

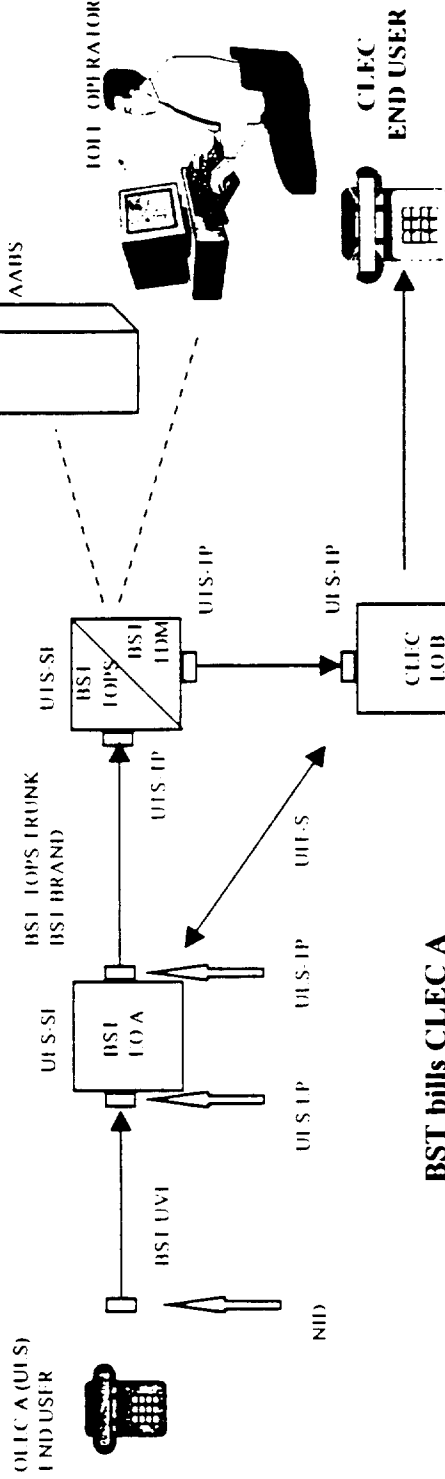
Record Exchange

-- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

02A. OPERATOR CALL PROCESSING - BST BRAND or UNBRANDED ZERO MINUS or ZERO PLUS LOCAL, Incomplete Call Completion (Busy/No Answer) or Call Completion to CLEC

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at the TOPS
TOPS functions like tandem, but no
tandem indicator in call detail
(use elapsed time)

CLEC end user dials 0 - BST Operator dials
terminating number and handles billing or
CLEC end user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
or call completed

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching -
originating and terminating, summarized
at originating EO A)
- 2 ULS-TPs (end office trunk ports)
- UTS-S (unbundled transport-shared, fixed and
per mile, mileage calculated from BST EO A to CLEC EO B)
- 2 UTS-TP (unbundled full tandem trunk ports)
- UTS-SF (unbundled full tandem switching)
- (Note: only bill 1 UTS-SF even though sometimes switching
in TOPS and in TDM occur)
- Per call/minute operator charges per CLEC contract

FB CLEC may bill BST

Reciprocal Compensation

Billing Factors

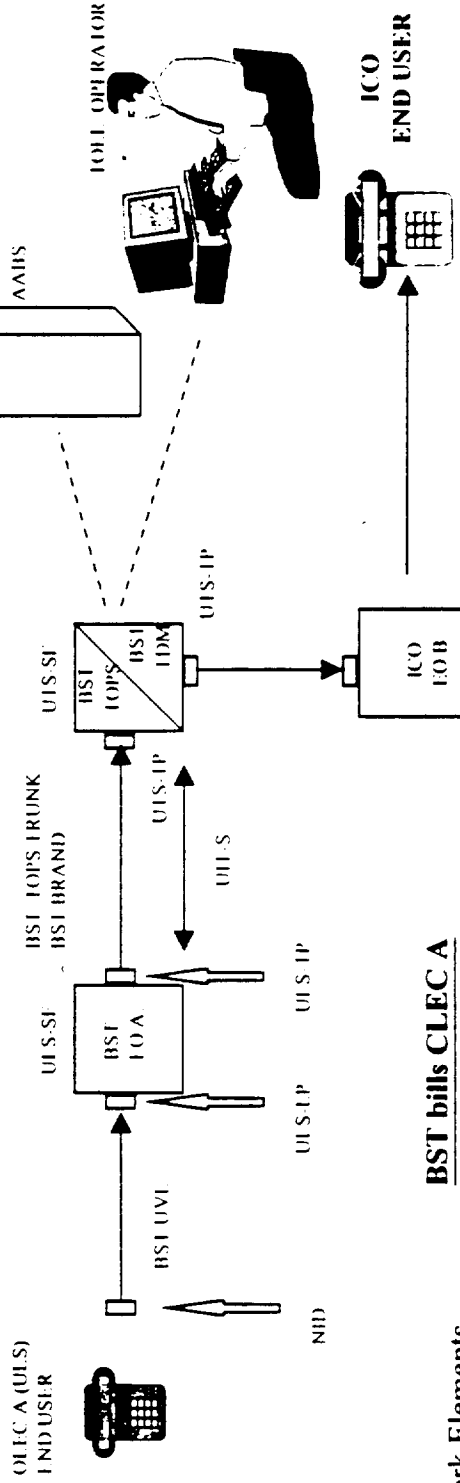
-- NA

Record Exchange

- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS O2B. OPERATOR CALL PROCESSING - BST BRAND or UNBRANDED ZERO MINUS or ZERO PLUS LOCAL, Incomplete Call Completion (Busy/No Answer) or Call Completion to Independent Company

Revised 10/25/99



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 192 made at the TOPS
- TOPS functions like tandem, but no tandem indicator in call detail (use elapsed time)

CLEC end user dials 0 - BST Operator dials terminating number and handles billing or CLEC end user dials 0+ terminating number Operator Call Handling NOT subsequent to DA Operator Call Handling - Incomplete Call Completion or call completed

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)
- 1 ULS-TPs (end office trunk ports)
- UTS-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO A to TOPS)
- 2 UTS-TP (unbundled full tandem trunk ports)
- UTS-SF (unbundled full tandem switching)
- Per call/minute operator charges per CLEC contract

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

-- NA

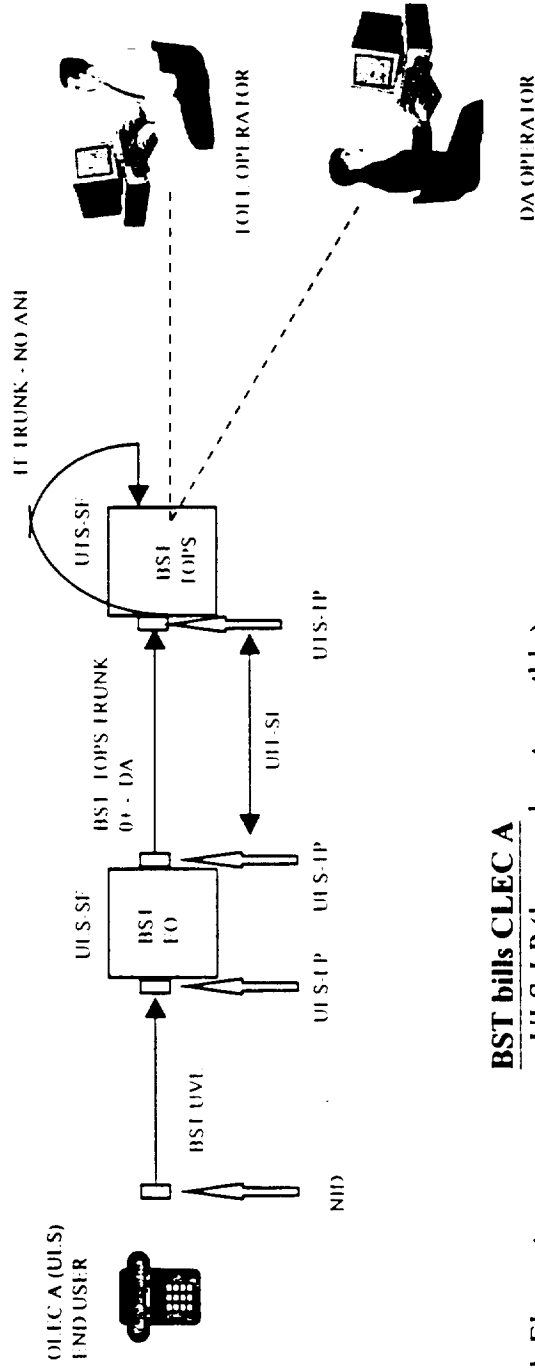
Record Exchange

-- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

O3. ZERO PLUS - OPERATOR CALL PROCESSING- BST BRAND OR UNBRANDED 0+ DIRECTORY ASSISTANCE

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at the TOPS (module 052) (use elapsed time)

-- Call Code 195 made at TOPS is discarded

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO)
- 1 ULS-TPs (end office trunk ports)
- UTS-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO to TOPS)
- 1 UTS-TP (unbundled full tandem trunk port)
- 1 UTS-SF (unbundled tandem switching - full)
- Per call/minute operator charges per CLEC contract

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to CLEC A if appropriate

BST and OLECs on trunk group

End user dials: East: 0+411

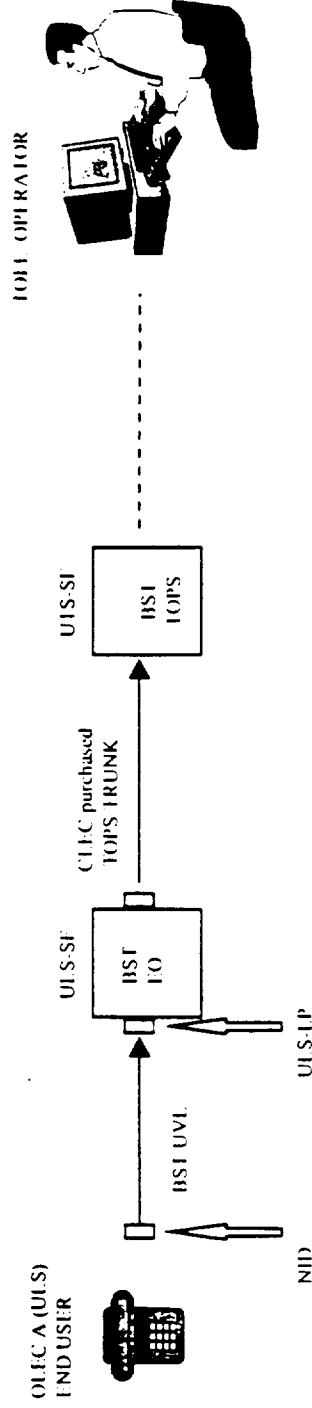
West: 0+411

0+ Home NPA 555

PROPOSED UNE BILLING ARRANGEMENTS

O4. OPERATOR CALL PROCESSING -NO ATTEMPT CLEC BRAND - LINE CLASS CODE METHOD

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 196 made at the TOPS
(use elapsed time)

ZERO MINUS
NO ATTEMPT
ANI

Query Operator only
Operator Call Handling NOT subsequent to DA

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
originating, summarized at originating EO)
-- 1 UTS-SF (unbundled tandem switching - full)

Billing Factors

-- NA

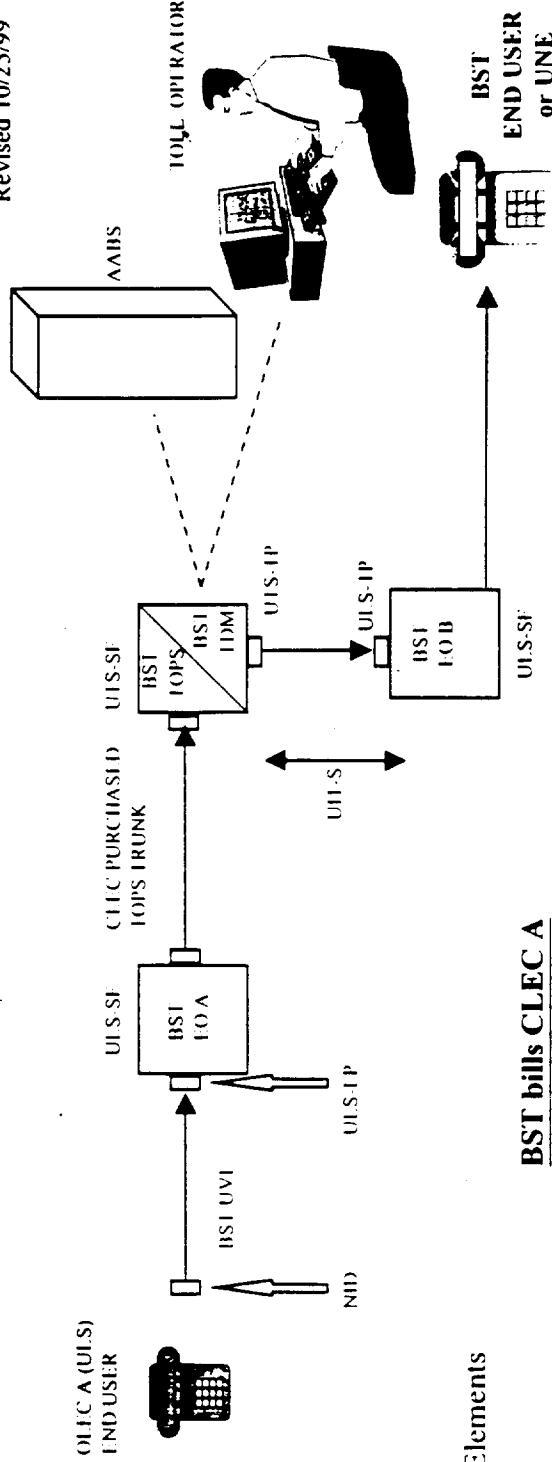
Record Exchange

-- BST sends Local record via
ODUF to CLEC A if appropriate

CLEC orders Customized Routing /LCC's

PROPOSED UNE BILLING ARRANGEMENTS O6. OPERATOR CALL PROCESSING - CLEC BRAND ZERO MINUS or ZERO PLUS - LINE CLASS CODE METHOD Incomplete Call Completion (Busy/No Answer) or Call Completed

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at TOPS

Assumes line class code method

TOPS functions like a tandem

CLEC End User dials 0- BST Operator dials terminating number and handles billing or CLEC End user dials 0+ terminating number Operator Call Handling NOT subsequent to DA Operator Call Handling - Incomplete Call Completion Call is NOT answered or Call is answered.

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO)
- 1 ULS-TPs (end office trunk ports)
- UTS-S (unbundled transport, fixed and per mile with mileage from TOPS to EO B)
- 1 UTS-TP (full tandem trunk ports)
- 1 UTS-SF (unbundled full tandem switching)

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to CLEC A if appropriate

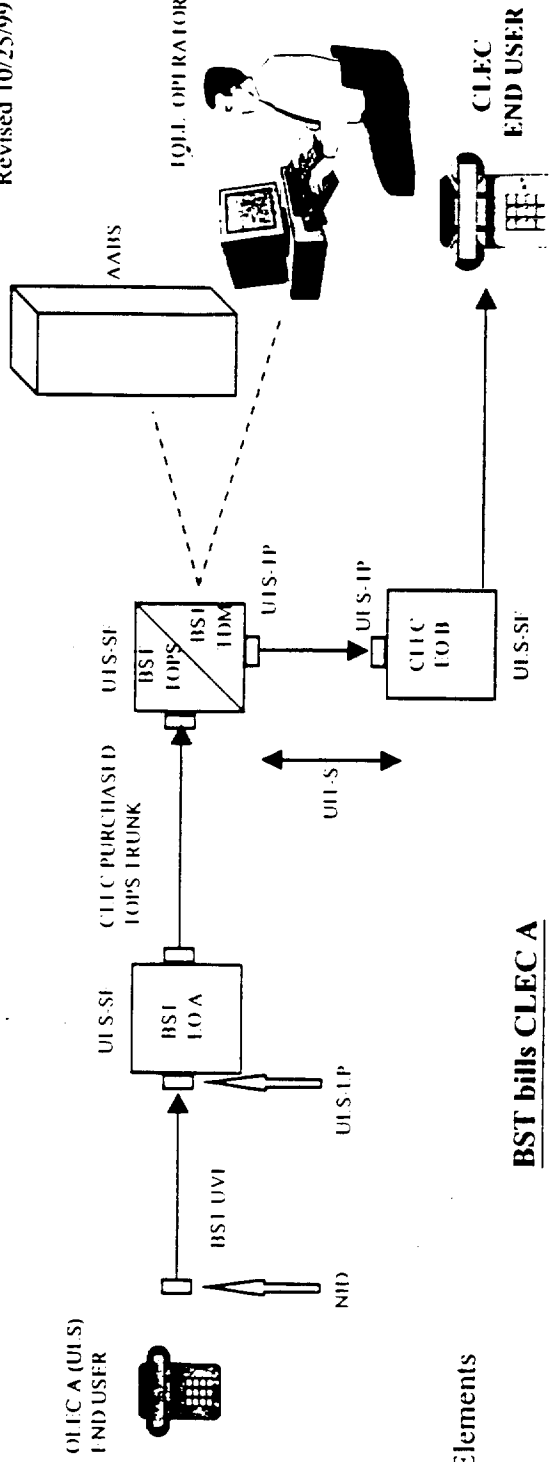
PROPOSED UNE BILLING ARRANGEMENTS

O6A. OPERATOR CALL PROCESSING - CLEC BRAND

ZERO MINUS or ZERO PLUS LOCAL- LINE CLASS CODE METHOD

Incomplete Call Completion (Busy/No Answer) or Call Completed to CLEC

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem

CLEC End User dials 0- BST Operator dials terminating number and handles billing or
CLEC End user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
Call is NOT answered or Call is answered

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO)
-- 1 ULS-TPs (end office trunk ports)
-- UTS-S (unbundled transport, fixed and per mile with mileage from TOPS to EO B)
-- 1 UTS-TP (full tandem trunk ports)
-- 1 UTS-SF (full tandem switching)

FB CLEC may bill BST

Reciprocal Compensation per agreement

Billing Factors

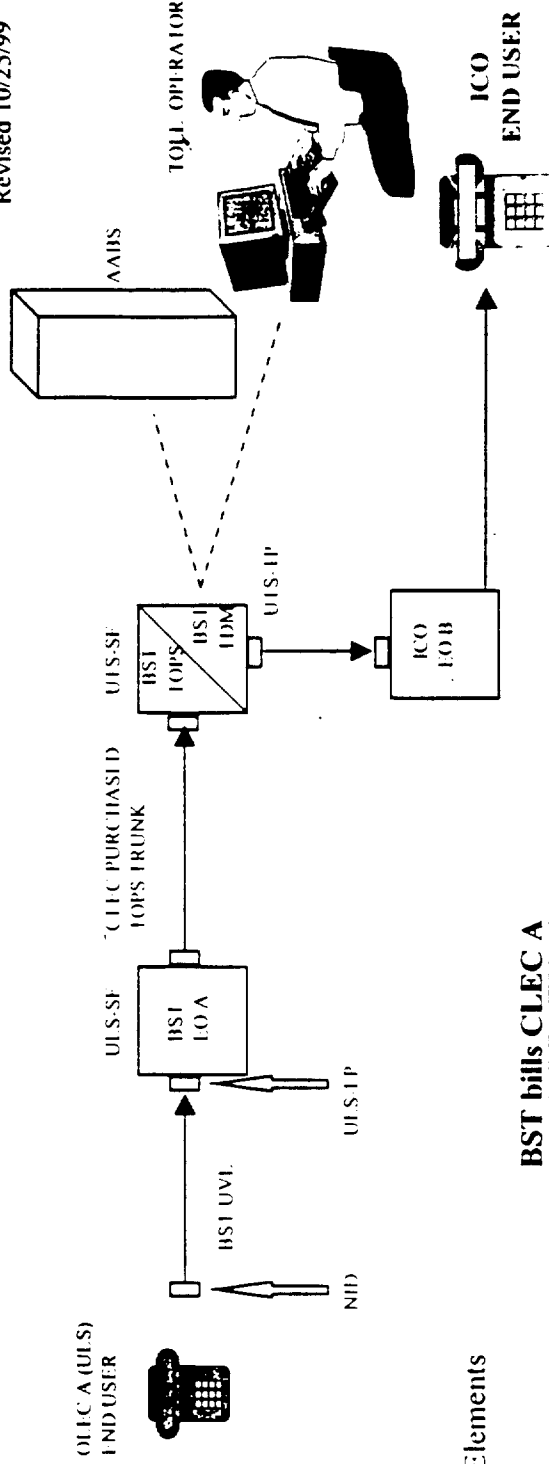
-- NA

Record Exchange

-- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS O6B. OPERATOR CALL PROCESSING - CLEC BRAND ZERO MINUS or ZERO PLUS LOCAL - LINE CLASS CODE METHOD Incomplete Call Completion (Busy/No Answer) or Call Completed to ICO

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem

CLEC End User dials 0- BST Operator dials terminating number and handles billing or
CLEC End user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
Call is NOT answered or Call is answered.

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)
-- 1 UTS-TP (full tandem trunk port)
-- 1 UTS-SF (full tandem switching)

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

-- NA

Record Exchange

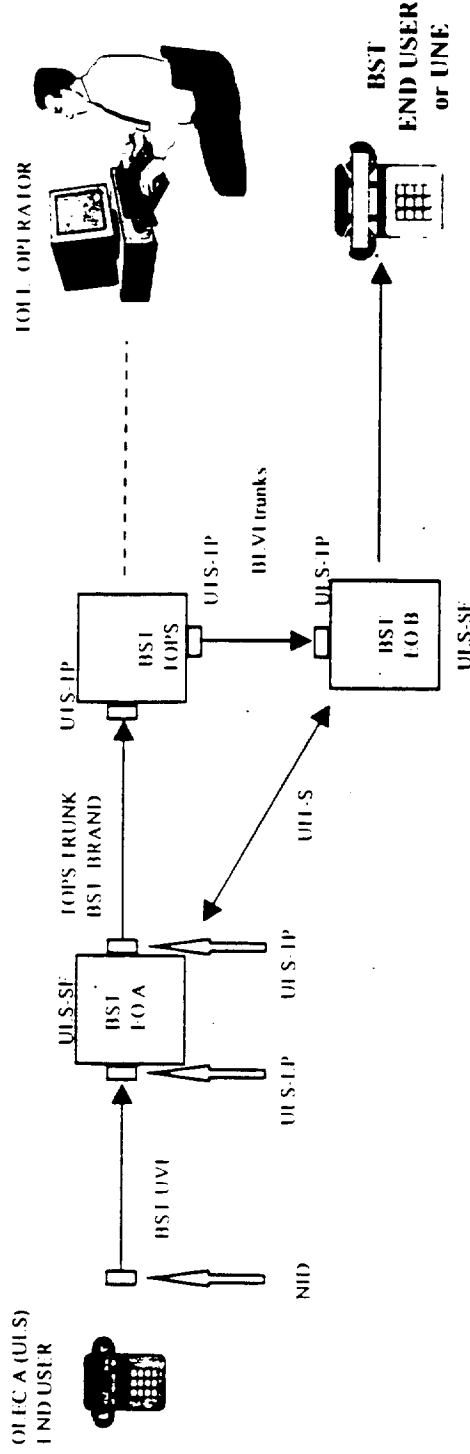
-- BST sends Local record via

ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

O8. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT BST BRAND or UNBRANDED

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

Operator Call Handling NOT subsequent to DA

BST bills CLEC A

- ULS-LP (loop and port monthly)
 - 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO A)
 - 2 ULS-TPs (end office trunk ports)
 - UTS-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO A to EO B)
 - 2 UTS-TP (full tandem trunk ports)
 - UTS-SF (unbundled full tandem switching)
- Per message charge

Billing Factors

-- NA

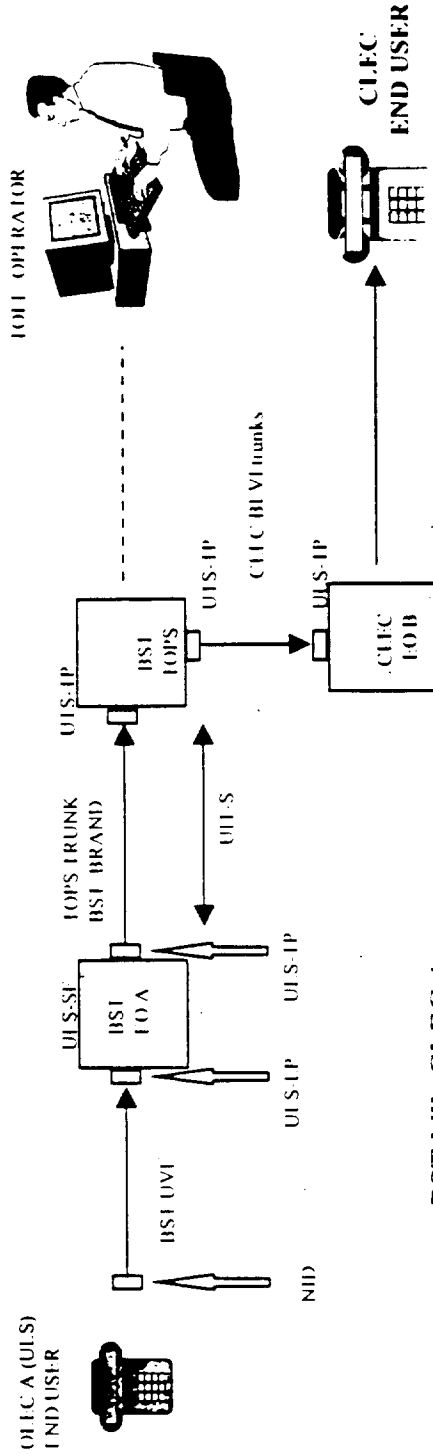
Record Exchange

-- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

O8A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to CLEC - BST BRAND or UNBRANDED

Revised 11/03/99



BST bills CLEC A

- ULS-LP (loop and port monthly)
 - 1 ULS-SFs (unbundled switching - summarized at originating EO A)
 - 1 ULS-TPs (end office trunk port)
 - UTS-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO A to TOPS)
 - 1 UTS-TP (full tandem trunk port)
 - UTS-SF (unbundled full tandem switching)
- Per message charge

Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 198 made at the TOPS
- TOPs functions like a tandem
- Use elapsed time

Operator Call Handling NOT subsequent to DA

FB CLEC may bill BST

No Reciprocal Compensation is billed since CLEC B does not make a recording

Billing Factors

-- NA

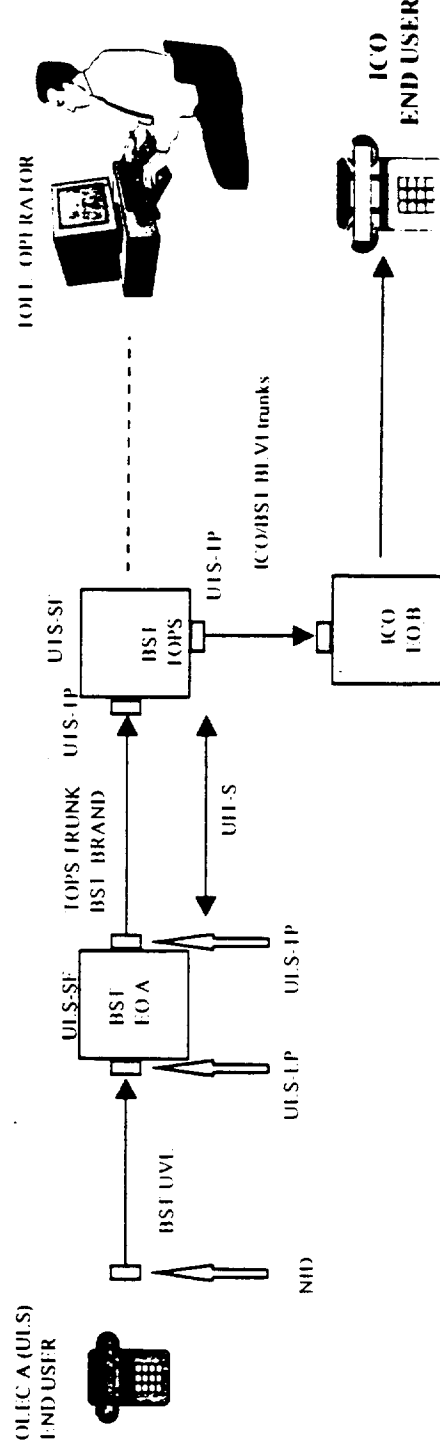
Record Exchange

-- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

**O8B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
to ICO - BST BRAND or UNBRANDED**

Revised 10/25/99



Billing Concept

- ## -- Unbundled Network Elements

Usage Recordings

- ```
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time
```

Operator Call Handling NOT subsequent to DA

**BST/ICO**

**Local is bill & keep (no settlement)**

## BST bills CLECA

- ```
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating,
summarized at originating EO A)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
per mile, mileage calculated from BST EO A to TOPS)
-- 2 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
```

Per message charge

Billing Factors

- NA

Record Exchange

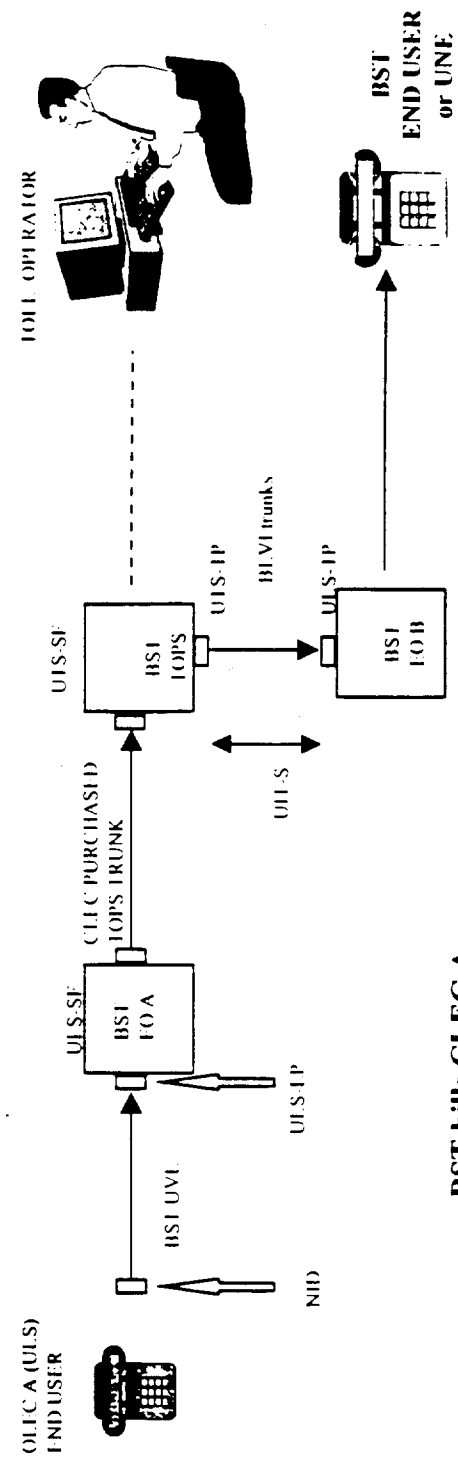
- BST sends Local record via
ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

O9. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT

CLEC BRANDED

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time
Operator Call Handling NOT subsequent to DA

BSI bills CLEC A

-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO A)
-- 1 ULS-TPs (end office trunk ports)
-- ULS-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST TOPS to EO B)
-- 1 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
Per message charge

Billing Factors

-- NA

Record Exchange

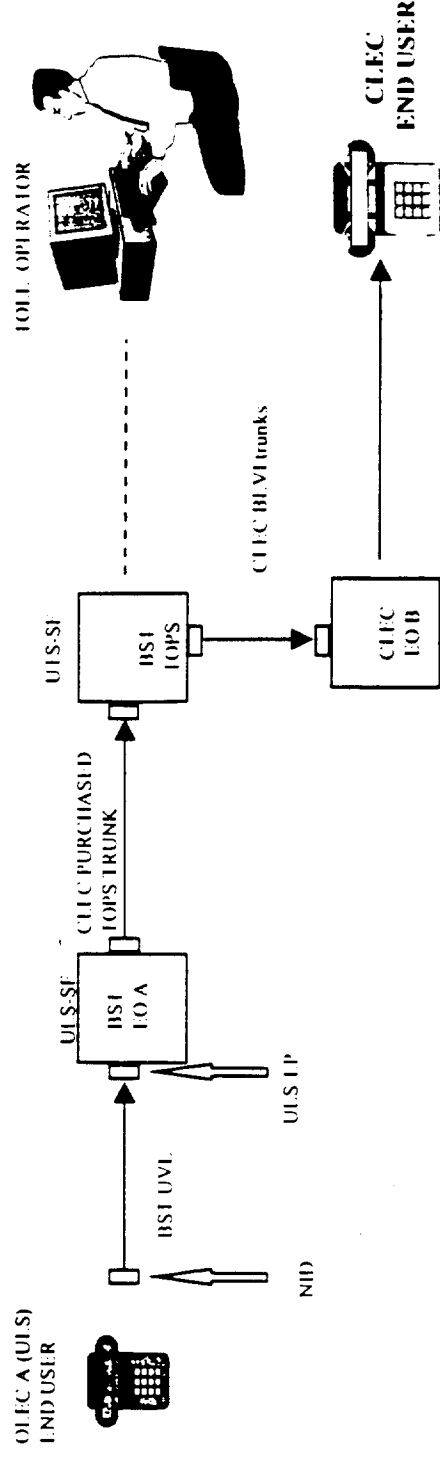
-- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

O9A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT

to CLEC - CLEC BRANDED

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 198 made at the TOPS TOPs functions like a tandem Use elapsed time

BST bills CLEC A

-- ULS-LP (loop and port monthly)
 -- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)
 -- UTS-SF (unbundled full tandem switching) Per message charge

FB CLEC may bill BST

No Reciprocal Compensation is billed since CLEC B does not make a recording

Billing Factors

-- NA

Record Exchange

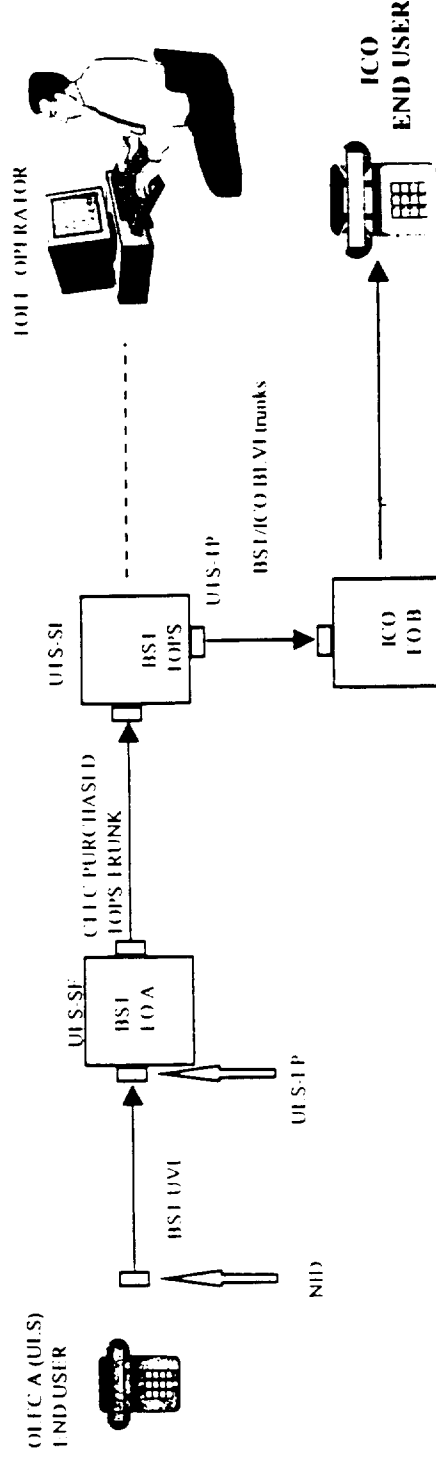
-- BST sends Local record via ODUF to CLEC A if appropriate

Operator Call Handling NOT subsequent to DA

PROPOSED UNE BILLING ARRANGEMENTS

O9B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to ICO - CLEC BRANDED

Revised 10/25/99



BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)

- 1 UTS-TP (full tandem trunk ports)

- UTS-SF (unbundled full tandem switching) Per message charge

BST/ICO

- Local is bill & keep (no settlement)

Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 198 made at the TOPS TOPs functions like a tandem Use elapsed time

Operator Call Handling NOT subsequent to DA

Billing Factors

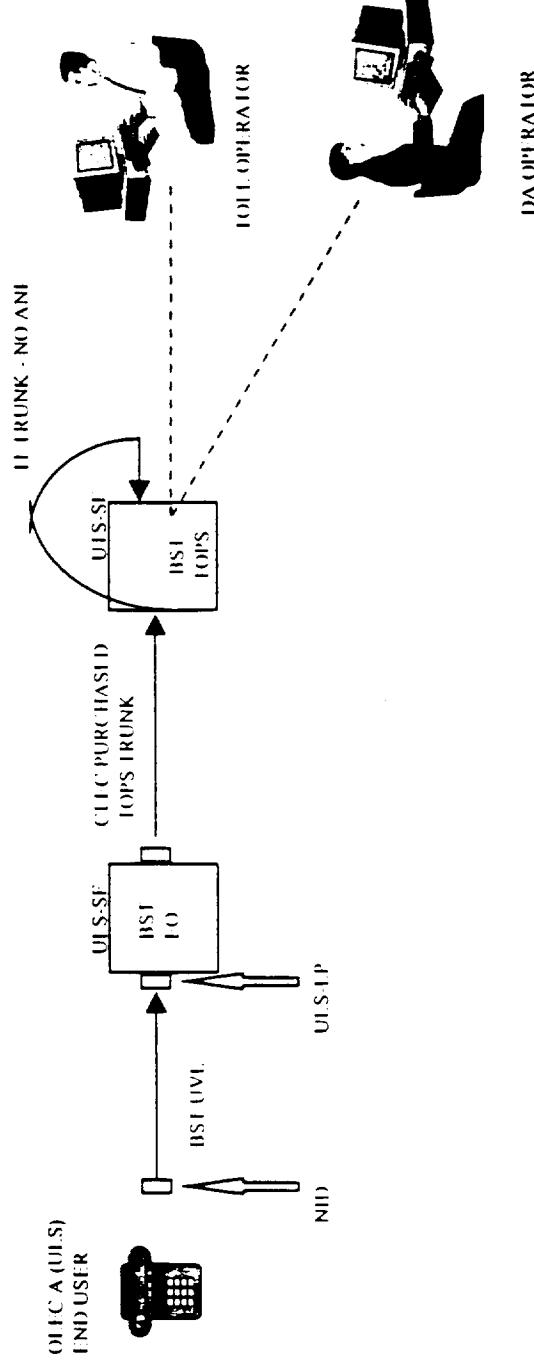
- NA

Record Exchange

- BST sends Local record via ODUF to CLEC A if appropriate

O10. PROPOSED UNE BILLING ARRANGEMENTS ZERO PLUS - DIRECTORY ASSISTANCE - CLEC BRAND

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 192 made at the TOPS (module 052) (use elapsed time)
-- Call Code 195 from TOPS is discarded

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A)
-- UTS-SF (Unbundled tandem switching full)

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to CLEC A if appropriate

Network Elements

PS, TOPS to EO

CLEC A (U.S.) IND. USER

BS (U.S.)

TO (U.S.)

A

BS (U.S.)

TO (U.S.)

B

ULS-S

ULS-IP

ULS-SI

T1 TRUNK - NO. ANI

TOLL OPERATOR

TOLL OPERATOR

-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO
B)

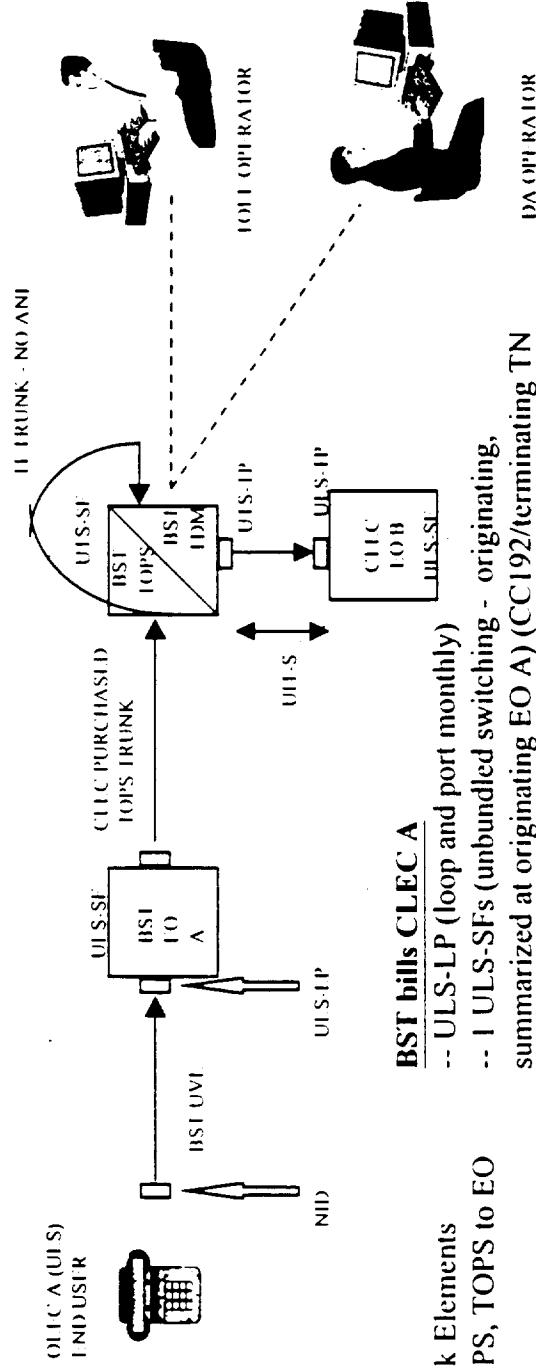
-- Call Code 192 made at the TOPS
(module 052) actual terminating TN for
DACC in this recording
-- Call Code 195 from TOPS is
discarded
-- Call code 192 from TOPS with
terminating number of 411 or 555-1212
(module 51)

```
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating,
summarized at originating EO A) (CC192/terminating TN
555-1212 or 411)
-- UTS-SF (unbundled tandem switching full)
Rate elements below based on CC192 with actual
terminating TN
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- DA message charges per CLEC-A contract
```

-- BST sends Local record via
ODUF to CLIEC A if appropriate

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Revised 01/14/00



Billing Concept

- Unbundled Network Elements**
(2 calls: UNE to TOPS, TOPS to EO
B)

Usage Recordings

- ```
-- Call Code 192 made at the TOPS
(module 052) actual terminating TN for
DACC in this recording
-- Call Code 195 from TOPS is
discarded
-- Call code 192 from TOPS with
terminating number of 411 or 555-1212
(module 51)
```

0+ 411 or Home NPA 555

## BSF bills CLECA

- ULS-LP (loop and port monthly)  
 -- 1 ULS-SFs (unbundled switching - originating,  
 summarized at originating EO A) (CC192/terminating TN  
 555-1212 or 411)

-- UTS-SF (unbundled tandem switching)

Rate elements below based on CC192 with actual

**terminating TN**

- ```
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
    from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- DA message charges per CLEC A contract
```

FB CLEC may bill BST

Reciprocal Compensation per agreement

Billing Factors

- NA

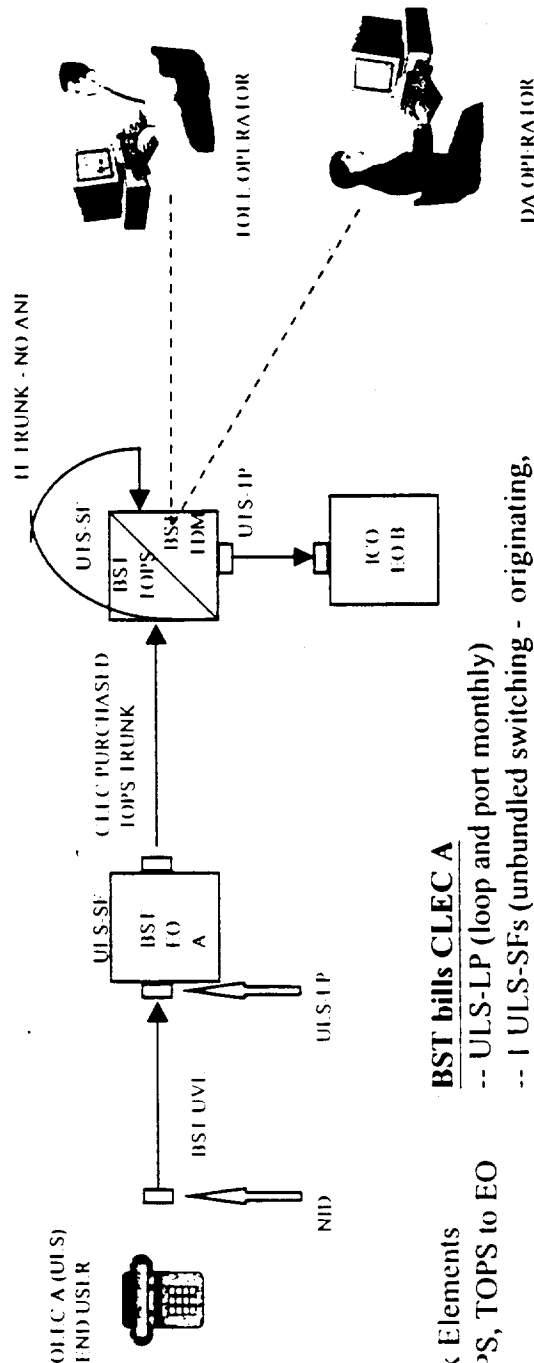
Record Exchange

- BST sends Local record via
ODUF to CLEC A if appropriate

Decision made to not bill U.S. SF and U.S. HP from cc 192 with Term IN since cannot determine at present time when it applies due to other call flow requirements

**O10AB. PROPOSED UNE BILLING ARRANGEMENTS
ZERO PLUS - DIRECTORY ASSISTANCE with DACC
to ICO - CLEC BRAND**

Revised 01/14/00



Billing Concept

- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO
B)

Usage Recordings

- Call Code 192 made at the TOPS
(module 052) actual terminating TN for
DACC in this recording
--- Call Code 195 from TOPS is
discarded
--- Call code 192 from TOPS with
terminating number of 411 or 555-1212
(module 51)

0+ 411 or Home NPA 555

BST bills CLECA

- ULS-LP (loop and port monthly)
 --- I ULS-SFs (unbundled switching - originating,
 summarized at originating EO A) (CC192/terminating TN
 555-1212 or 411)

Billing Factors

- NA

Record Exchange

- BST sends Local record via
ODUF to CLEC A if appropriate

Decision made to not bill CUS-SI and CUS-IP from cc192 with Term IN since cannot determine at present time when it applies due to other call flow requirements

[illegible]

--- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO
B)

--- Call Code 192 made at the TOPS
(module 052) actual terminating TN for
DACC in this recording
--- Call Code 195 from TOPS is
discarded
--- Call code 192 from TOPS with
terminating number of 411 or 555-1212
(module 51)

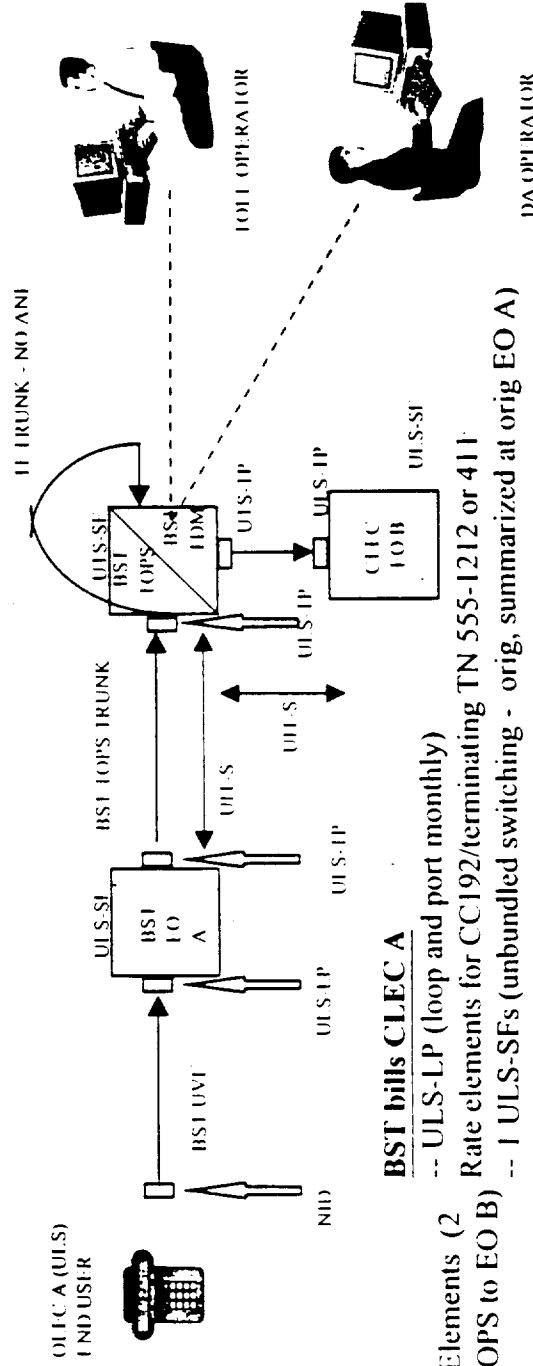
0+ 411 or Home NPA 555

NA

-- BST sends Local record via
ODUF to CLEC A if appropriate

Decision made to not bill UFSI and UFS IP from eel92 with Term 1 since cannot determine at present time when it applies due to other call flow requirements

Revised 01/14/00



Billing Concept

- Unbundled Network Elements (2 calls: UNE to TOPS, TOPS to EOB)

Usage Recordings

- ```
-- Call Code 192 made at the TOPS
(module 052) actual terminating TN
for DACC in this recording
-- Call Code 195 from TOPS is
discarded
-- Call code 192 from TOPS with
terminating number of 411 or
555-1212 (module 51)
```

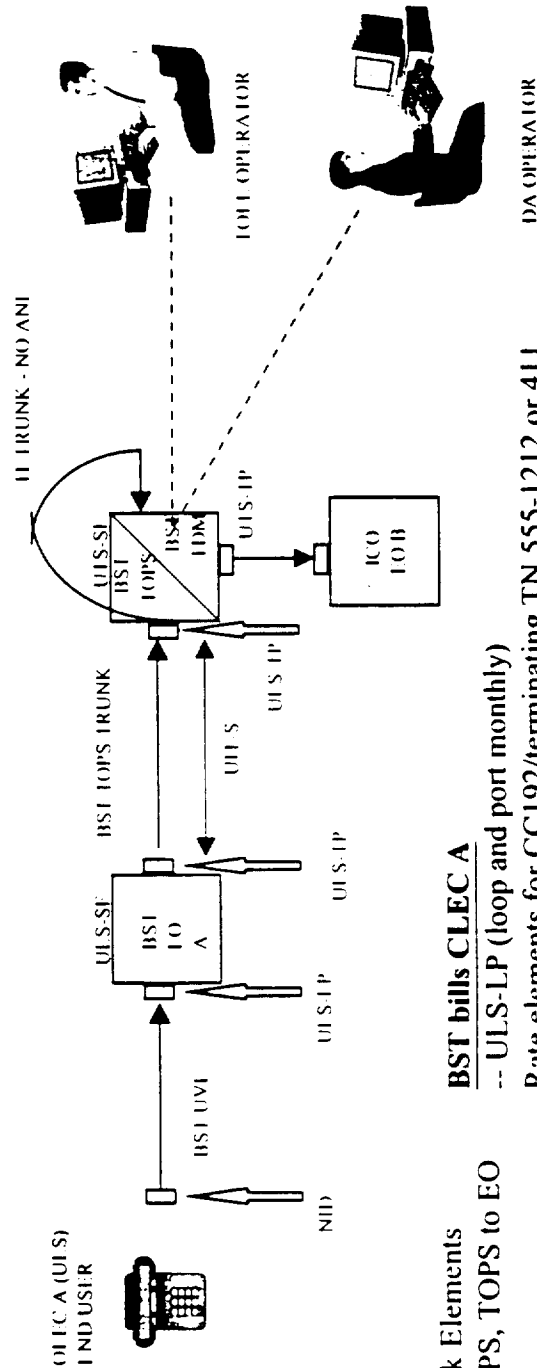
0+ 411 or Home NPA 555

06/06/00

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Decision made to not bill UFS SL and UFS FR from CC 092 with Term IN since cannot determine at present time when it applies due to other call flow requirements

Revised 01/14/00



## Billing Concept

- Unbundled Network Elements  
(2 calls: UNE to TOPS, TOPS to EO  
B)

## Usage Recordings

- Call Code 192 made at the TOPS  
(module 052) actual terminating TN for  
DACC in this recording  
--- Call Code 195 from TOPS is  
discarded  
--- Call code 192 from TOPS with  
terminating number of 411 or 555-1212  
(module 51)

0+ 411 or Home NPA 555

## BST bills CLECA

- ```

--- ULS-LP (loop and port monthly)
Rate elements for CCI92/terminating TN 555-1212 or 411
--- I ULS-SFs (unbundled switching - orig, summarized at
orig EO A)
--- I ULS-TP (end office trunk port)
--- UIT-S (unbundled transport, fixed, mileage calculated
from EO A to TOPS)
--- I UTS-SF (Unbundled full tandem switching)
--- I UTS-TP (tandem office trunk ports-full)
--- DA message charges per CLEC A contract

```

BST/CO

Local is bill & keep (no settlement)

Billing Factors

- NA

Record Exchange

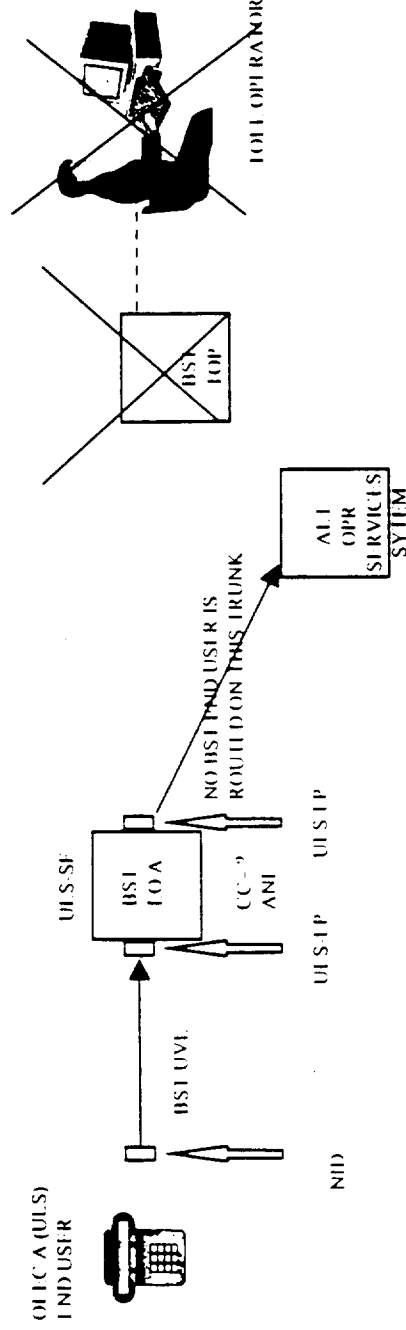
- BST sends Local record via
ODUF to CLEC A if appropriate

Decision made to not bill UTS, SF, and UTS-IP from cc192 with term FN since cannot determine at present time when it applies due to other call flow requirements

No IT Impact

PROPOSED UNE BILLING ARRANGEMENTS O11. OPERATOR CALL PROCESSING - OLEC ROUTE TO ALTERNATE OPERATOR SERVICES SYSTEM

Revised 8/26/99



Billing Concept

- Unbundled Network Elements
- O minus and O plus

BST bills CLEC A

n/a

Usage Recordings

- No usage recording so cannot bill anything

No connection to BST Operator Services
No AMA record in TOPS

CLEC orders Customized Routing/LOCs away from
BST TOPS.

CLEC orders trunks to AOSS.

Billing Factors

-- NA

Record Exchange

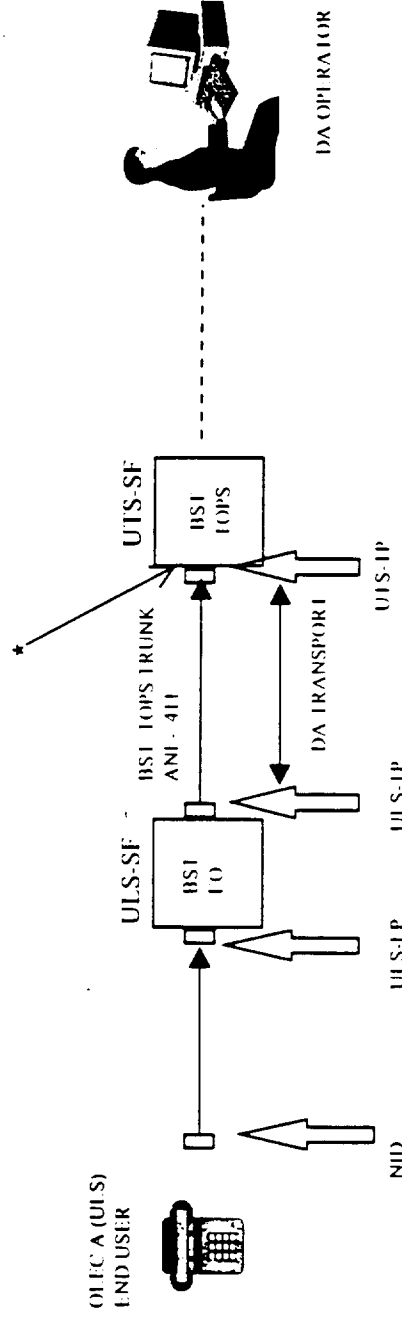
not possible since no usage
recording

PROPOSED UNE BILLING ARRANGEMENTS

D1. DIRECTORY ASSISTANCE - BST BRAND, UNBRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 10/25/99



Billing Concept

-- Unbundled Network Elements

Note: all DA calls are considered local

Usage Recordings

-- Call Code 194 is made at the TOPS

(note: BST branded and unbranded use different BST TOPS trunk facilities Unbranded contains all unbranded CLECs)

End User dials:

Eastern States - 411
Western States - 1+411
or Home NPA 555
Call is not completed

BST bills CLEC A

-- ULS-LP (loop and port monthly)

-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO)
-- 1 ULS-TPs (end office trunk ports)
-- UTS-S (unbundled transport, fixed, mileage calculated from EO to TOPS)
-- UTS-SF (unbundled tandem switching full)
-- 1 UTS-TP (unbundled full tandem trunk port)
-- DA message charges per CLEC A contract

* indicates demarcation between UNE Network and other Networks

Billing Factors

-- NA

Record Exchange

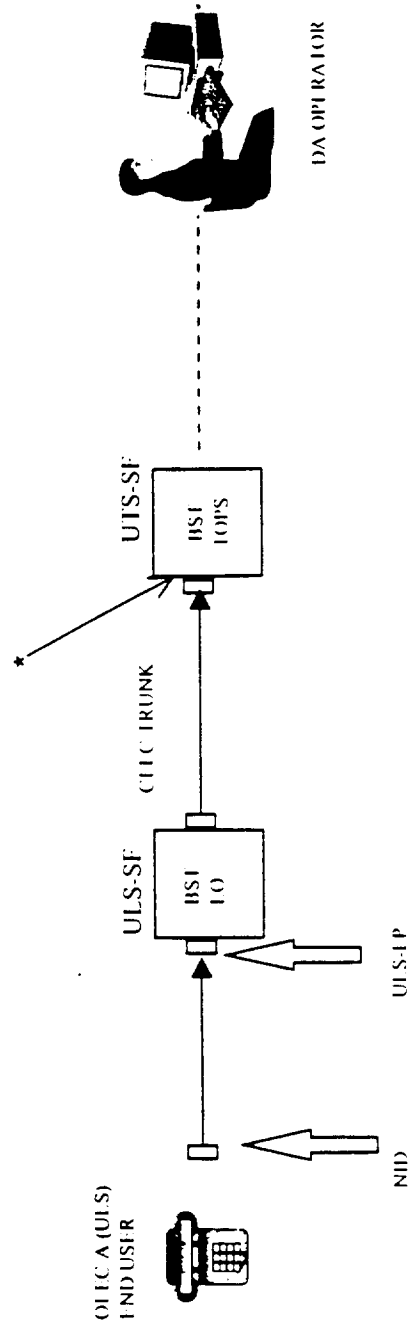
-- BST sends Local record via ODUF to CLEC A if appropriate

PROPOSED UNE BILLING ARRANGEMENTS

D2. DIRECTORY ASSISTANCE - CLEC BRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 10/26/99



Billing Concept

-- Unbundled Network Elements

Note: all DA calls are considered local

Usage Recordings

-- Call Code 194 is made at the TOPS

End User dials:

Eastern States - 411

Western States - 1+411

or Home NPA 555

Call is not completed

BST bills CLEC A

-- ULS-LP (loop and port monthly)

-- 1 ULS-SFs (unbundled switching -

originating, summarized at originating EO

-- UTS-SF (unbundled tandem switching full)

-- DA message charges per CLEC A contract

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via ODUF to

CLEC A if appropriate

* indicates demarcation between UNE
Network and other Networks

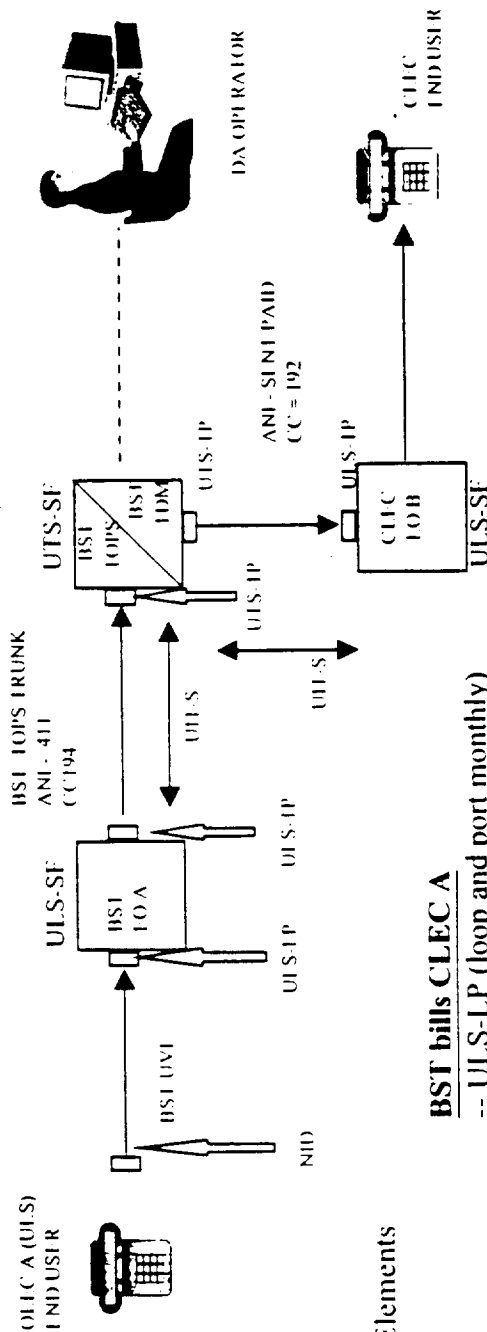
PROPOSED UNE BILLING ARRANGEMENTS

D3A. DIRECTORY ASSISTANCE With CALL COMPLETION to CLEC

WITHIN the LATA - BST BRAND or UNBRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 01/14/00



Billing Concept

- ## --- Unbundled Network Elements

Usage Recordings

- Call Code 194 is made at the TOPS
for DA portion of the call
TOPS functions like a tandem. Assume
CC194 contains operator work time
--- Call Code 192 is made at the TOPS
for DACC portion of the call
Assume CC192 contains call time.

- End User dials: home NPA 555 or
East - 411
West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BSF bills CLEC A

- ULS-LP (loop and port monthly) ULS-SF
 --- I ULS-SFs (unbundled switching - originating) (CC194)
 --- I ULS-TPs (end office trunk port) (CC194)
 --- I UT-S (unbundled transport, fixed, mileage calculated
 from EOA to TOPS) (CC194)
 --- I UT-S-TPs (tandem office trunk ports - full) (CC194)
 --- I UT-S (unbundled transport, fixed, mileage calculated
 from TOPS to EO B) (CC192)
 --- I ULS-SFs (unbundled switching - terminating) (CC192)
 --- I ULS-TP (end office trunk port) (CC192)
 --- DA message charges per CLEC A contract

FB CLEC may bill BSR

Reciprocal Compensation per agreement

Billing Factors

- A
-
-

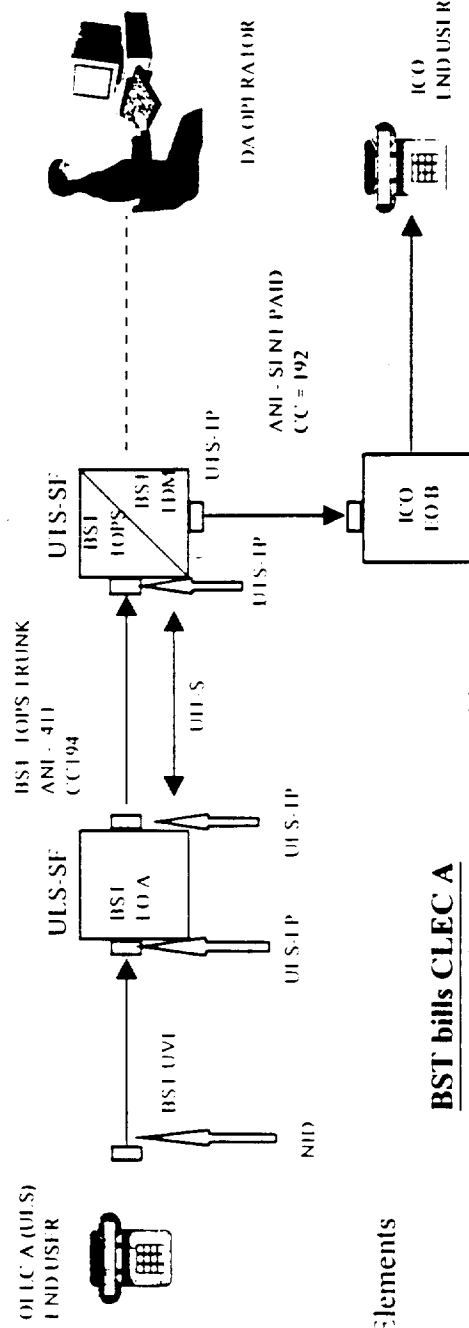
Record Exchange

- BST sends Local record via
ODUF to CLECA
if appropriate

Decision made to not bill UFS SL and UFS IP from eCP2 with Term 1N since cannot determine at present time when it applies due to other call flow requirements

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 194 is made at the TOPS

for DA portion of the call

TOPS functions like a tandem. Assume

CC194 contains operator work time

-- Call Code 192 is made at the TOPS

for DACC portion of the call
Assume CC192 contains call time.

End User dials: home NPA 555 or

East - 4111

West - 11411

Call Completion subsequent to DA

or Call Completion is busy or no answer

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

NA

Record Exchange

-- BST sends Local record via
ODUF to CLEC A
if appropriate

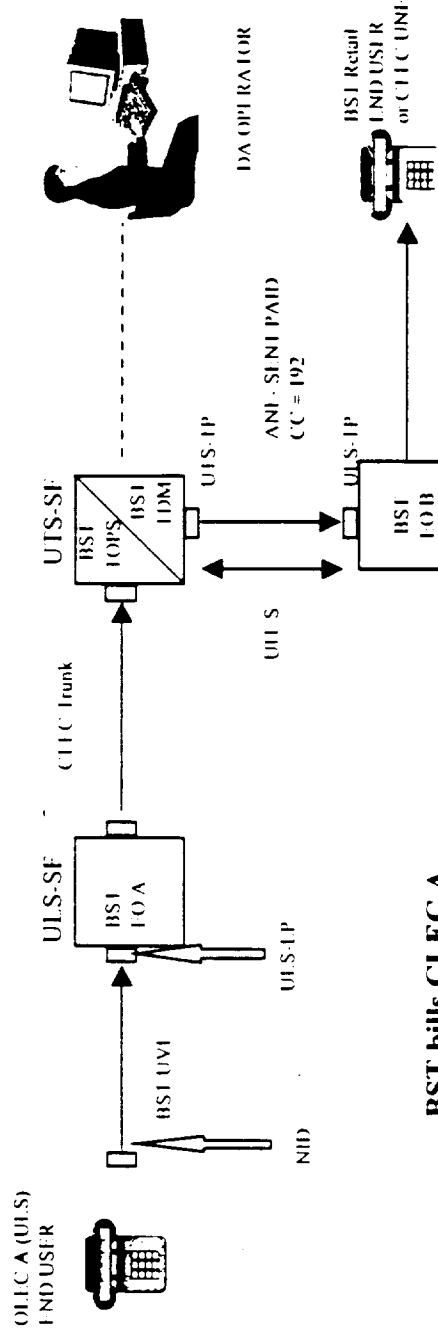
Decision made to not bill UTS SE and UTS IP from cc192 with Term IN since cannot determine at present time when it applies due to other call flow requirements

PROPOSED UNE BILLING ARRANGEMENTS

D4. DIRECTORY ASSISTANCE With CALL COMPLETION - WITHIN the LATA - CLEC BRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 01/14/00



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 194 is made at the TOPS
TOPS functions like a tandem Assume
CC194 contains operator work time
-- Call Code 192 is made at the TOPS
Assume CC192 contains call time.

End User dials: home NPA 555 or
East - 411
West - 11411

Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A

-- ULS-LP (loop and port monthly)

-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- DA message charges per CLEC A contract

Billing Factors

-- NA

Record Exchange

-- BST sends Local record via
ODUF to CLEC A
if appropriate

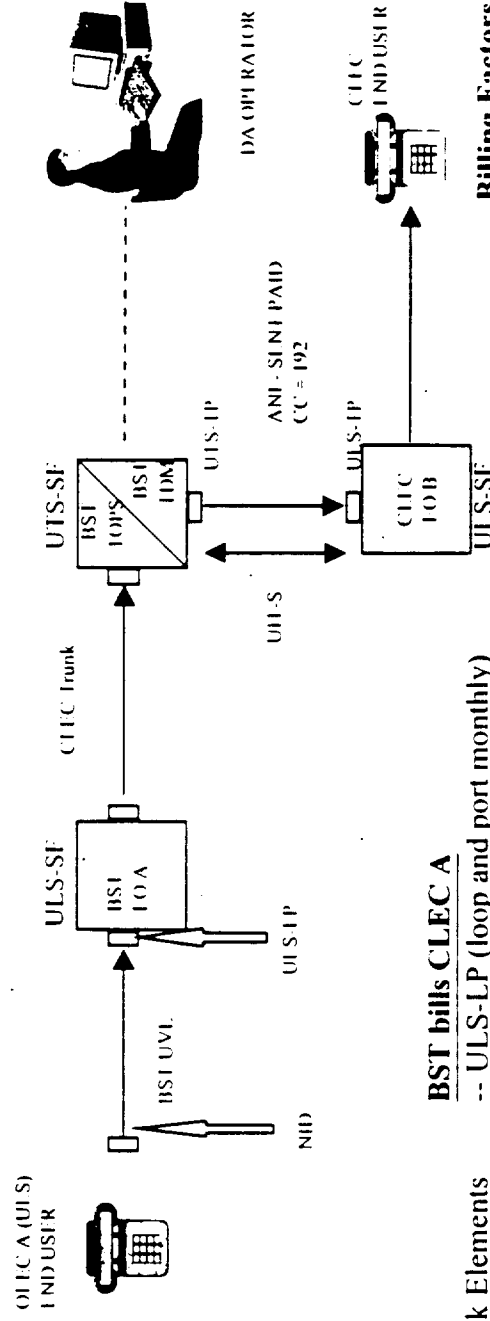
Decision made to not bill ULS-SF and ULS-TP
from CC192 with Term IN since cannot
determine at present time when it applies due to
other call flow requirements

PROPOSED UNE BILLING ARRANGEMENTS

**D4A. DIRECTORY ASSISTANCE With CALL COMPLETION to CLEC -
WITHIN the LATA - CLEC BRANDED**

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 01/14/00



Billing Concept

- ## -- Unbundled Network Elements

Usage Recordings

- ```
-- Call Code 194 is made at the TOPS -- | UIT-S (unbundled transport, fixed, mileage calculated
 TOPS functions like a tandem Assume
 CC194 contains operator work time
-- Call Code 192 is made at the TOPS -- | ULS-SFs (unbundled switching - terminating) (CC192)
 Assume CC192 contains call time. -- | ULS-TP (end office trunk port) (CC192)
 -- DA message charges per CLEC A contract
```

End User dials: home NPA 555 or  
toll-free 1-800-411-1234

West - 1+411

### Call Completion subsequent to DA

or Call Completion is busy or no answer

**FB CLEC may bill BSF**

### Reciprocal Compensation per agreement

Decision made to not bill UTS, SF, and UTS IP from CC192 with Term N since cannot determine at present time when it applies due to other call flow requirements.

## Record Exchange

- BST sends Local record via  
ODUF to CLIC A  
if appropriate

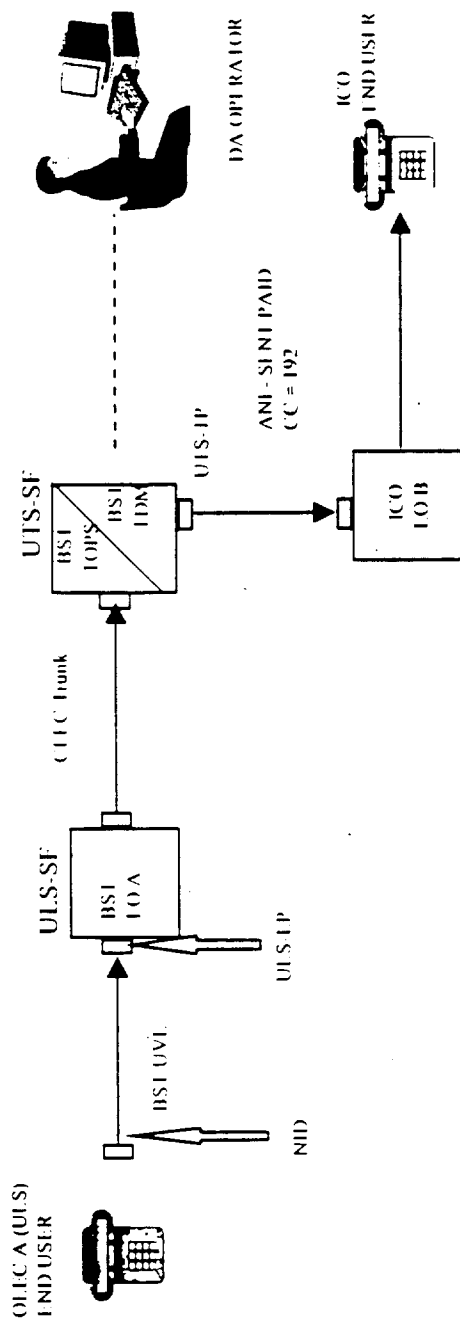
## Billing Factors

- NA

**PROPOSED UNE BILLING ARRANGEMENTS  
D4B. DIRECTORY ASSISTANCE With CALL COMPLETION to ICO -  
WITHIN the LATA - CLEC BRANDED**

**Note:** these call flows depict only the UNE usage elements to be billed not the specific DA charges

Revised 01/14/00



## Billing Concept

### Unbundled Network Elements

## Usage Recordings

-- Call Code 194 is made at the TOPS

### TOPS functions like a tandem Assume

CC194 contains operator work time

--- Call Code 192 is made at the TOPS

**Assume CC192 contains call time.**

**End User dials: home NPA 555 or**

East - 4111

West - 11411

### Call Completion subsequent to DA

or Call Completion is busy or no answer

**BST/ICO**

**Local is bill & keep (no settlement)**

## BST bills CLECA

--- ULS-LP (loop and port monthly)

--- 1 ULS-SFs (unbundled switching - originating) (CC194)

-- DA message charges per CLEC A contract

## Billing Factors

NA

## Record Exchange

--- BST sends Local record via

ODUF to CLECA

if appropriate

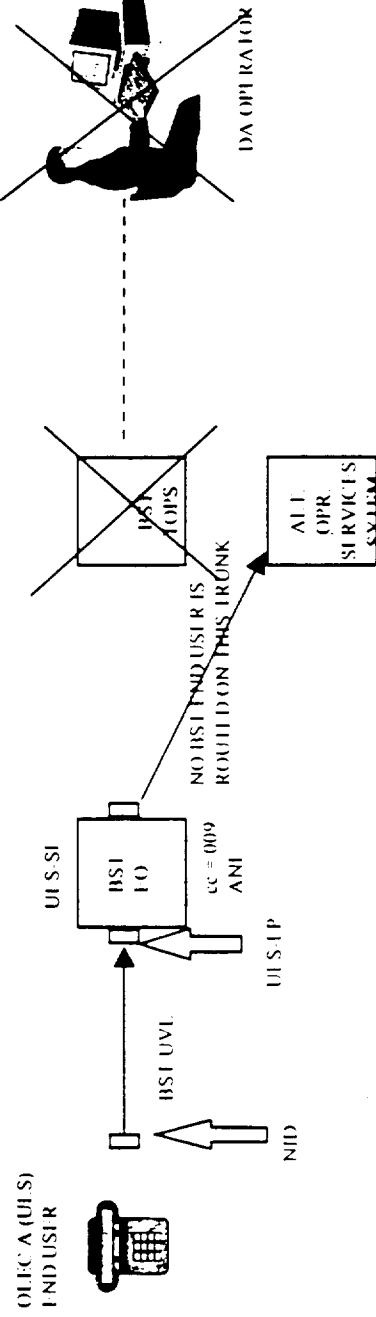
Decision made to not bill UFS SE and UFS IP from ccl92 with Term IN since cannot determine at present time when it applies due to other call flow requirements

No IT Impact

# PROPOSED UNE BILLING ARRANGEMENTS

## D5. DIRECTORY ASSISTANCE - OLEC ROUTE TO ALTERNATE OPERATOR SERVICES SYSTEM - LINE CLASS CODE METHOD

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges  
Revised 9/6/99



### Billing Concept

- Unbundled Network Elements
- Line Class Code method for selective routing

### Usage Recordings

- None is made

No connection to BST Operator Services  
CLEC must order trunks to Alternate  
Operator Services Provider

### BST bills CLEC A

- ULS-LP (loop and port monthly)

### Billing Factors

- NA

### Record Exchange

- BST sends Local record via  
ODUF to CLEC A if appropriate

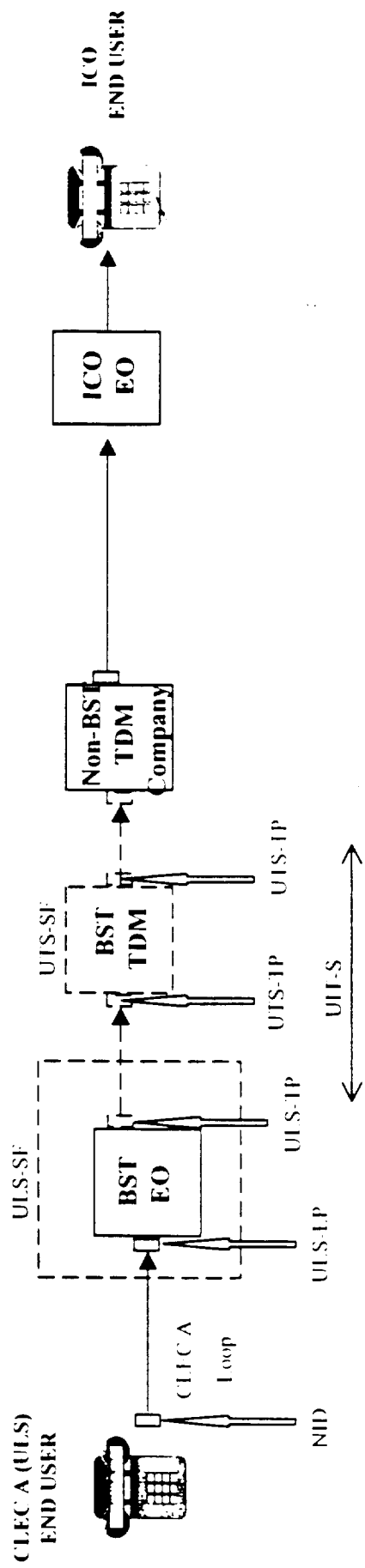


# PROPOSED UNE BILLING ARRANGEMENTS

## Ea. Multi-Network LOCAL CALLING

### Interoffice / Multiple Tandem Providers/2 Network

Revised 11/0/26/99



#### Billing Concept

- Local Interconnection/ Multiple Tandem Provider
- Unbundled Network Elements

#### Usage Recordings

- Call Code 001/006/072 made at BST EO - No tandem routing indicators

#### BST bills CLEC A

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled local switching - terminating)
- 1 ULS-TP (unbundled end office trunk ports)
- ULS-S (unbundled transport - shared between BST EO and meet point between BST Tandem and non-BST tandem, fixed and per mile) (Note: default to zero miles since BST tandem may be local and could be in same office as BST EO)
- 1 UTS-TP (unbundled melded rate tandem trunk port)
- UTS-SF (unbundled melded rate tandem switching)

\* indicates demarcation between UNE Network and other Networks

Note: Local is bill and keep

This call flow is billed like call flow 15A since cannot determine multiple tandems

#### Billing Factors

--n/a

#### Record Exchange

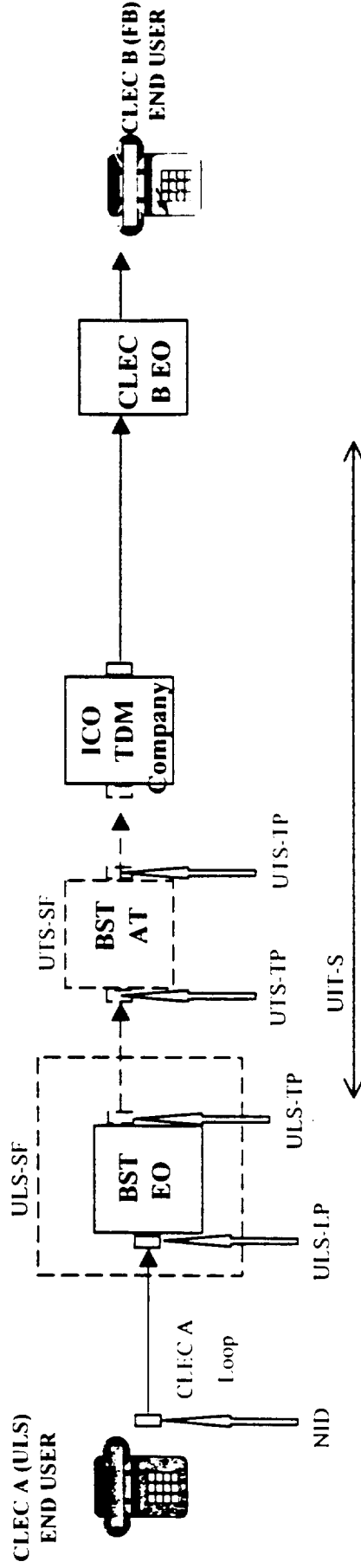
- BST sends originating recording to CLEC A via ODUF if appropriate

# PROPOSED UNE BILLING ARRANGEMENTS

## Eb. Multi-Network LOCAL CALLING

### Interoffice / Multiple Tandem Providers/2 Network

No IT Impact



#### Billing Concept

- Local Interconnection/ Multiple Tandem Provider
- Unbundled Network Elements
- Meet Point Billing (Detail Usage)

#### Usage Recordings

- Call Code 001/006/072 made at BST EO - No tandem routing indicators
- call code 720 recorded by ICO tandem for BST originated traffic terminated to CLEC

- indicates demarcation between UNE Network and other Networks

#### BST bills CLEC A

- ULS-LP (loop and port monthly)
- 2 ULS-SF (unbundled local switching - terminating)
- 2 ULS-TP (unbundled end office trunk ports)
- UIT-S (unbundled transport - shared, mileage between BST EO and CLEC B, fixed and per mile)
- 2 UTS-TP (unbundled melded rate tandem trunk port)
- UTS-SF (unbundled melded rate tandem switching)

#### FB CLEC may bill BST

Reciprocal compensation per contract agreement

Note: Local is bill and keep

This flow is billed like Call Flow 13 since cannot determine multiple tandems

#### Billing Factors

--n/a

#### Record Exchange

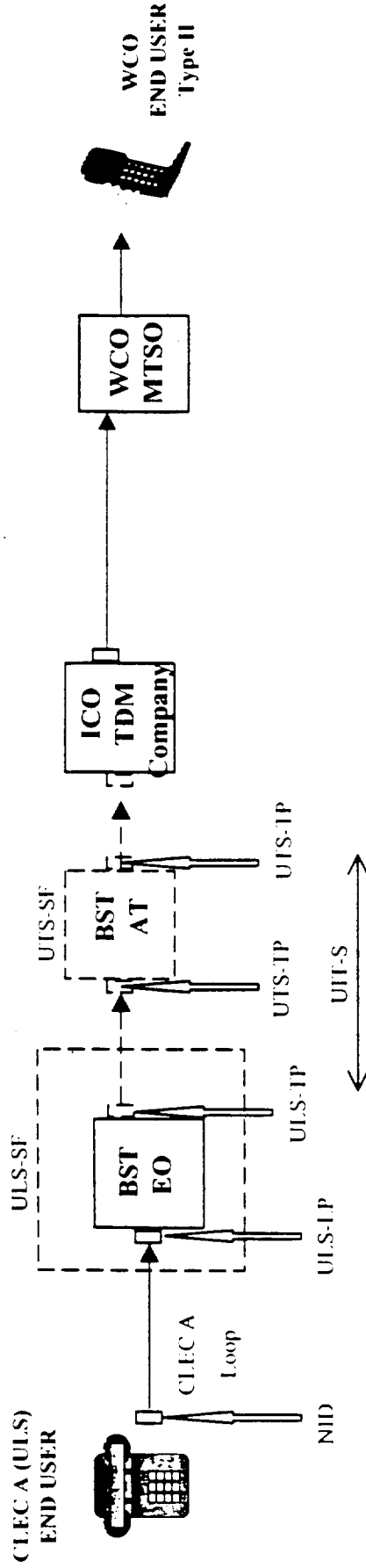
- BST sends originating recording to CLEC A via ODUF if appropriate
- ICO should create 1101 from CC720 recorded at ICO tandem and send to CLEC B
- New requirement is for received collects to send this record to BIBS. Today, this is sent to CABS and CABS drops the record. Need WCO on wireless

# PROPOSED UNE BILLING ARRANGEMENTS

## Ec. Multi-Network LOCAL CALLING

### Interoffice / Multiple Tandem Providers/2 Network

Revised 10/26/99



#### Billing Concept

- Local Interconnection/ Multiple Tandem Provider
- Unbundled Network Elements

#### Usage Recordings

- Call Code 001/006/072 made at BST EO No routing indicators

#### BST bills CLEC A

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled local switching - terminating)
- 1 ULS-TP (unbundled end office trunk ports)
- UTS-S (unbundled transport - shared between BST EO and meet point between BST AT and WCO MTSO, fixed and per mile)
- 2 UTS-TP (unbundled melded rate tandem trunk port)
- UTS-SF (unbundled melded rate tandem switching)

Note: Local calls are bill and keep

This call flow bills like Call flow 19 since cannot determine multiple tandem access

\* indicates demarcation between UNE Network and other Networks

#### Billing Factors

-- n/a

#### Record Exchange

-- BST sends originating recording to CLEC A via ODUF if appropriate

# ***PROPOSED UNE BILLING ARRANGEMENTS***

## ***Glossary***

*Revised 10/26/98*

ADUF - Access Daily Usage File (general EMI category 11)

BST - BellSouth Telecommunications

BSWC- BellSouth Serving Wire Center

CLEC - Competitive Local Exchange Company

EF - Entrance Facility

FB - Facility Based (FB CLECs include CLECs and non-Section 259 ICOs)

EO - End Office

ICO - Independent Telephone Company (a.k.a. ITC) that are covered by Section 259 of the FCC Order.

MTA- Major Trading Area

NCTA - Non-conversation and Attempt Factors

NID - Network Interface Device

ODUF - CLEC Daily Usage File (primarily contains but not limited EMI category 01, 10, some 11 query records , non access records)

POI - Point of Interface

TDM - Tandem Switching Office

TSP - Tandem Service Provider

Toll Call - Toll calls are carried on the BST IntraLATA network. The switch CIC code will be the BST IntraLATA code 5124.

UVL - Unbundled Voice Loop

ULS-LP - Unbundled Circuit Switching-Line Port\*

ULS-SF - Unbundled Circuit Switching - Switching Functionality

UIT-S - Unbundled Interoffice Transport - Shared. UIT-S cannot be dedicated trunks.

UIT-D - Unbundled Interoffice Transport - Direct. UIT-D provides dedicated trunks.

UNE - Unbundled Network Element

UTS -SF - Unbundled Tandem Switching - Switching Functionality

UTS -TP - Unbundled Tandem Switching - Trunk Port

\* For simplicity, only ULS-LPs are depicted on these call flow diagrams.

UNEs cannot have Extended Local Calling Area plans so Call Code 006 applies to inter-switch calls. When these are local, this recording is converted to a Call Code 001.

06/06/00

# ***PROPOSED UNE BILLING ARRANGEMENTS***

## ***Notes***

Unbundled Loops can be:

- a) 2-wire and 4-wire analog voice grade loops;
- b) 2-wire ISDN digital grade loops;
- c) 4-wire DS-1 digital grade loops.

Unbundled Ports can be:

- a) 2-wire and 4-wire analog line ports;
- b) 2-wire ISDN digital line ports;
- c) 2-wire analog DID trunk ports;
- d) 4-wire DS-1 digital DID trunk ports;
- e) 4-wire ISDN DS-1 digital trunk ports.

### **Bill Verification**

Copies of usage records will be held for bill verification when calls come into or leave the BST network.

### **Factor Calculation**

Records will be held for the calculation of PIU and PLU factors when they terminate to another LEC or when calls terminate to a BST RCFed ported number from an IXC.