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REG. AUTH.
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OFFICE OF THE
EXECUTIVE SECRETARY

November 16, 2001

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

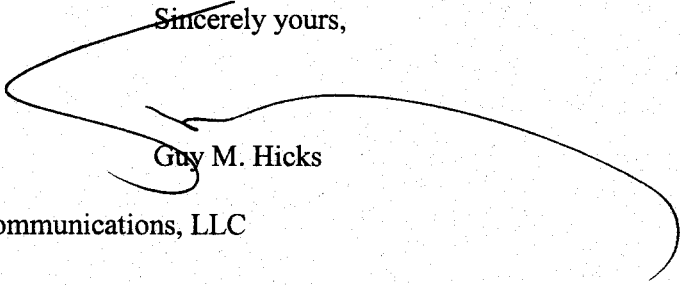
Re: *Approval of the Amendment to the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Aeneas Communications LLC Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*
Docket No. 01-00835

Dear Mr. Waddell:

In response to the Staff's data request dated November 7, 2001, enclosed please find the original and thirteen copies of the revised Amendment and Attachment establishing the UNE Local Call Flows.

Thank you for your attention to this matter.

Sincerely yours,



Guy M. Hicks

cc: Jonathan Harlan, Aeneas Communications, LLC

**AMENDMENT
TO THE
INTERCONNECTION AGREEMENT BETWEEN
AENEAS COMMUNICATIONS LLC AND
BELL SOUTH TELECOMMUNICATIONS, INC.**

Pursuant to this Amendment, (the "Amendment"), Aeneas Communications, LLC and BellSouth Telecommunications, Inc. ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated January 9, 2001 ("Agreement").

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby covenant and agree as follows:

1. Attachment 2, Section 4.1.3.2.2 is augmented as follows:

"Intercarrier compensation for local calls between BellSouth and Aeneas Communications LLC shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site."

is deleted in its' entirety and replaced with

"Intercarrier compensation for local calls between BellSouth and Aeneas Communications LLC shall be as described in BellSouth's UNE Local Call Flows set forth in Exhibit B."

2. Attachment 2, Section 4.1.3.2.3 is augmented as follows:

"Intercarrier compensation for local calls between BellSouth and Aeneas Communications LLC shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site."

is deleted in its' entirety and replaced with

"Intercarrier compensation for local calls between BellSouth and Aeneas Communications LLC shall be as described in BellSouth's UNE Local Call Flows set forth in Exhibit B."

3. The said Call Flow exhibit is attached hereto as Exhibit "B"

2. All of the other provisions of the Agreement, dated January 9, 2001, shall remain in full force and effect.
3. Either or both of the Parties is authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

Aeneas Communications LLC

Signature

Name

Jonathan V. Harlan
CEO

Title

Date

APPROVED NOV 14 2001

BellSouth Telecommunications, Inc.

Signature

Name

Title

Date

G. R. Follensbee

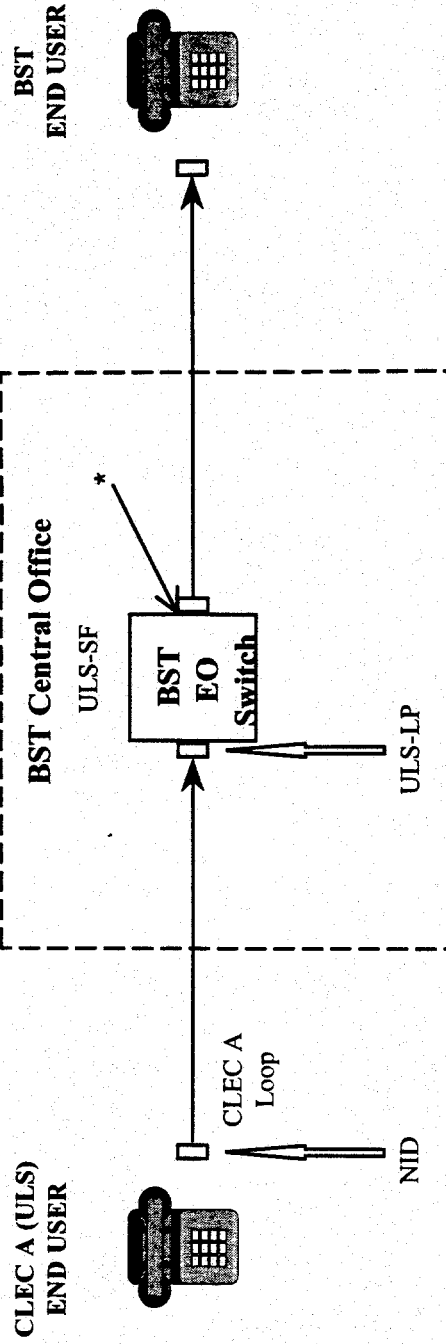
Senior Director

11/15/01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

1. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Intraoffice/Intraswitch



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- 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.

* indicates demarcation between UNE Network and other Networks

Billing Factors

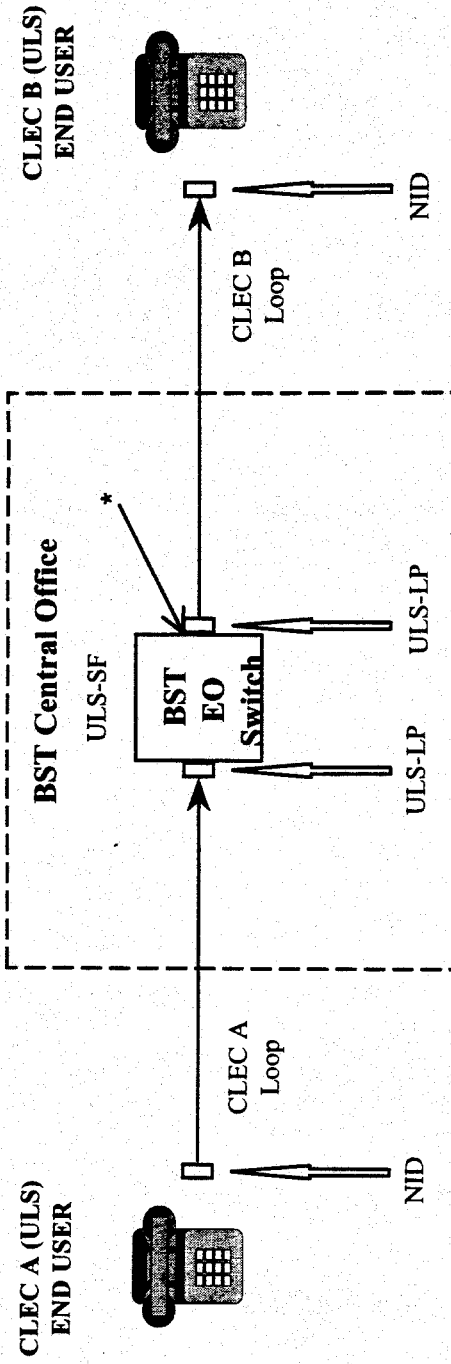
-- NA

Record Exchange

BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

2. BST Network - Calling Within a 7 and 10 Digit Dialing Scope Intraoffice/Intraswitch



Billing Concept

-- Unbundled Network Elements

Usage Recordings

- 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.

* indicates demarcation between UNE Network and other Networks

BST bills CLEC A

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

BST bills CLEC B

- ULS-LP (loop and port monthly)

Billing Factors

-- NA

Record Exchange

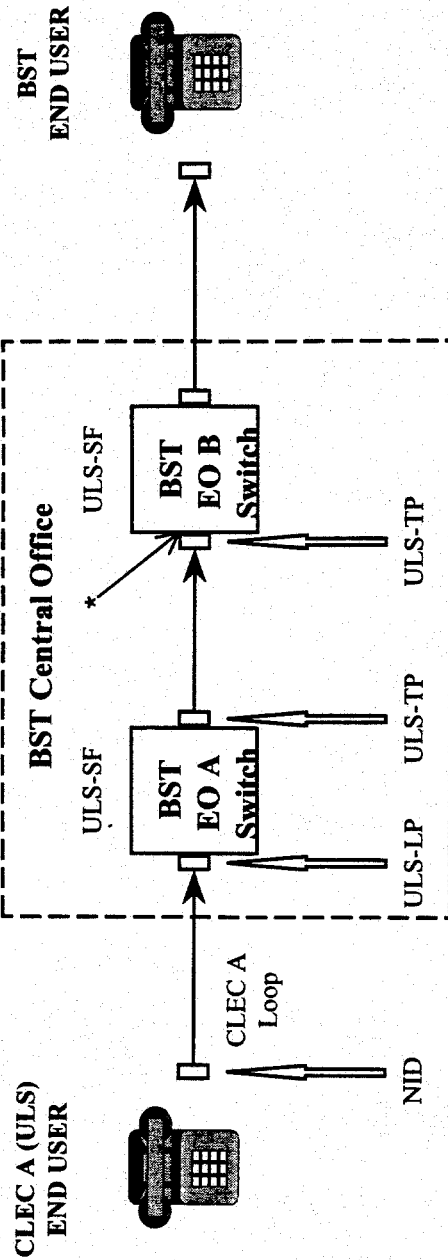
BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)

Note: The Industry has not developed a means to uniquely identify calls originating from unbundled ports, such as depicted above from CLEC A. Currently, such calls appear to the terminating Party, such as CLEC B above, as though they were originated by BellSouth. Therefore, until such time as calls originating from unbundled ports can be uniquely identified to the originating Party, BellSouth shall charge CLEC A for un

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

3. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Intraoffice/Interswitch



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- 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.

* 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)

Reciprocal Compensation

BST bills CLEC A Unbundled Local Switching as indicated above.

Billing Factors

-- NA

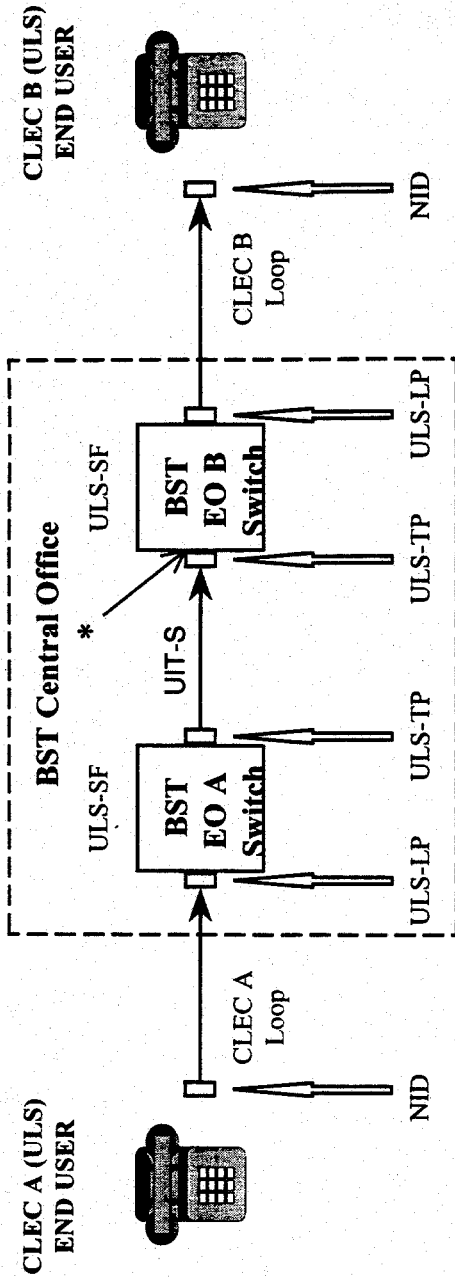
Record Exchange

BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

4. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Intraoffice/Interswitch



Billing Concept

- Unbundled Network Elements

Usage Recordings

- 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.

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)

Billing Factors

- NA

Record Exchange

BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)

* indicates demarcation between UNE Network and other Networks

BST bills CLEC B

- ULS-LP (loop and port monthly)

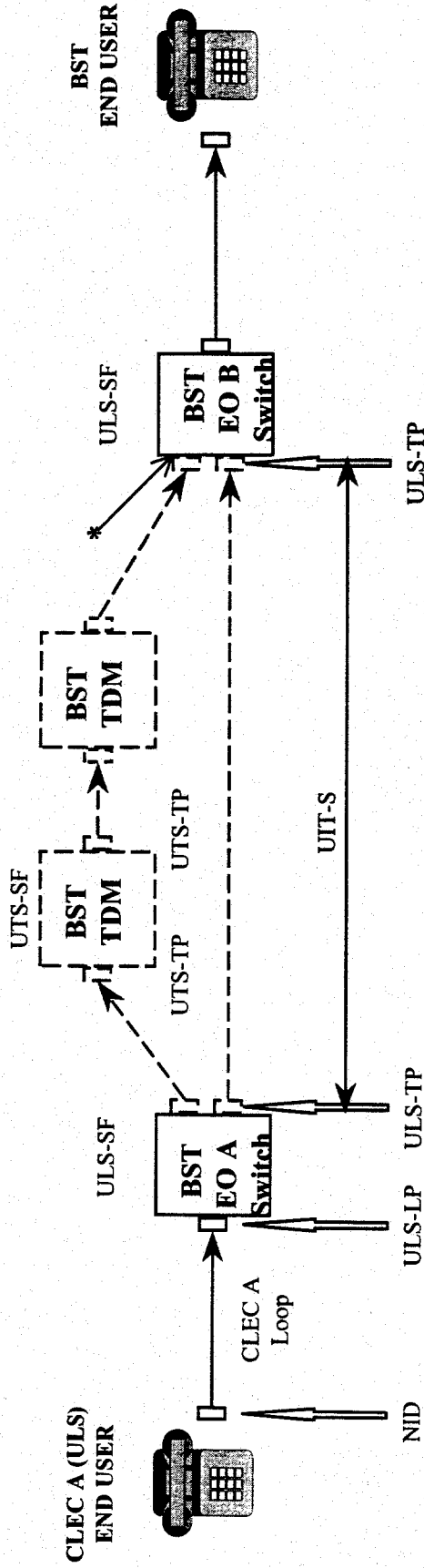
Note: The Industry has not developed a means to uniquely identify calls originating from unbundled ports, such as depicted above from CLEC A. Currently, such calls appear to the terminating Party, such as CLEC B above, as though they were originated by BellSouth. Therefore, until such time as calls originating from unbundled ports can be uniquely identified to the originating Party and such information can be passed to the terminating Party in a billing record, for this call scenario BellSouth shall charge CLEC A for End Office Switching or ULS-SF at End Office B, shall not charge CLEC B for ULS-SF at End Office B and shall not provide a billing record to CLEC B.

11/13/01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

5. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Interoffice



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001/072 (NOT MB113) or
Call Code 006/072 is made at the End Office. -- 2 ULS-TPs (end office trunk ports)
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.

* 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 (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)

Reciprocal Compensation

BST bills CLEC A Unbundled Local Switching as
indicated above.

Billing Factors

-- NA

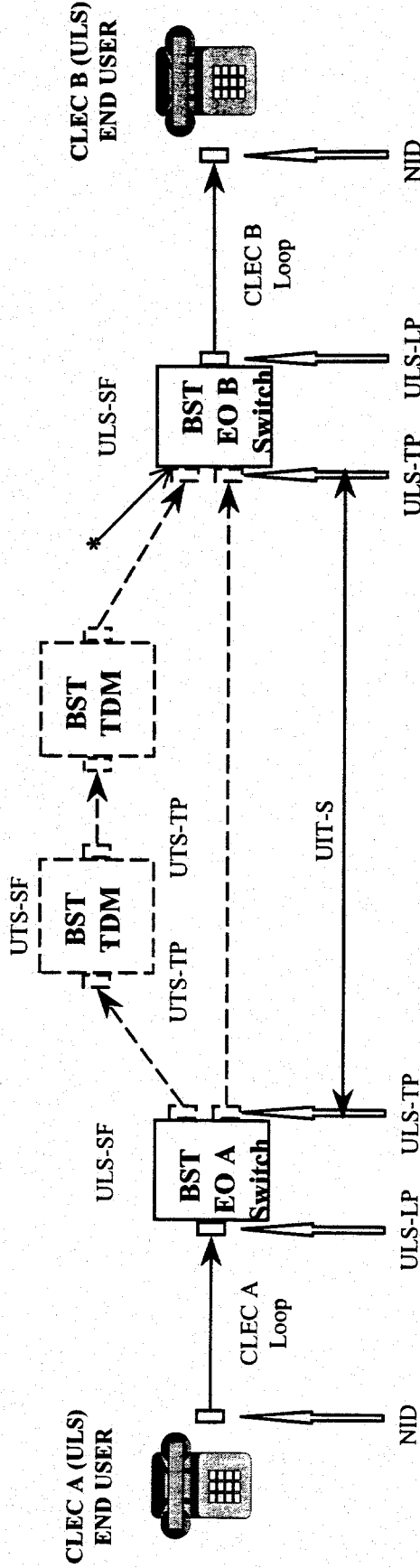
Record Exchange

BellSouth sends CLEC A ODUF 10-01-31
(See Local/Toll Exceptions)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

6. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Interoffice



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 00/072 (NOT MBI13) 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

-- 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 mil, mileage from EO A to EO B)

-- UTS-SF (unbundled melded tandem switching)

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

BST bills CLEC B

-- ULS-LP (loop and port monthly)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A ODUF 10-

01-31

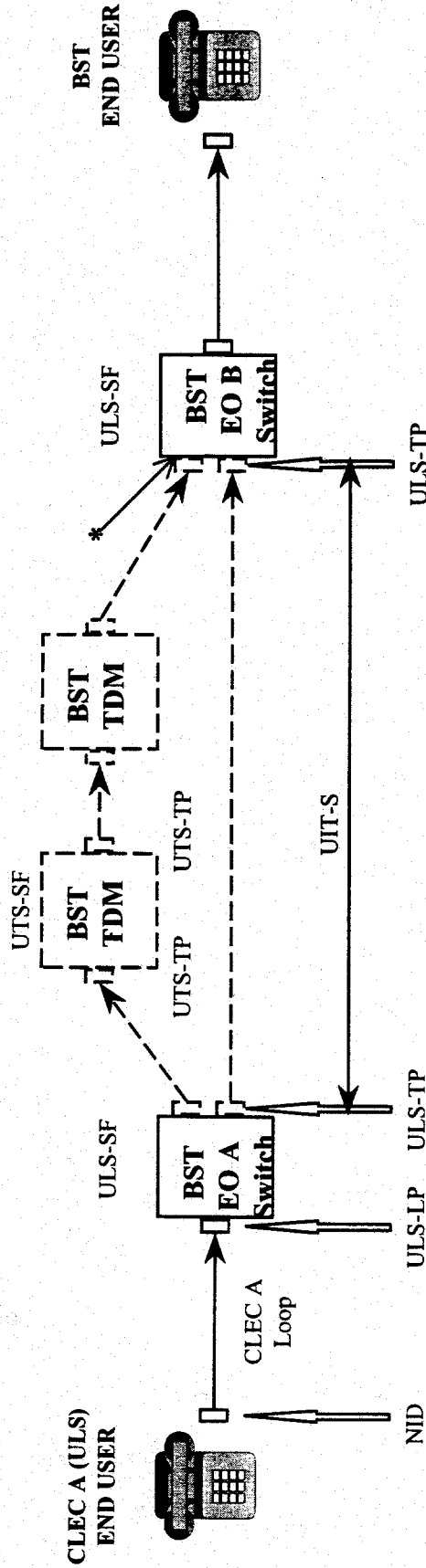
(See Local/Toll Exceptions)

* Indicates demarcation between UNE Network and other Networks

Note: The Industry has not developed a means to uniquely identify calls originating from unbundled ports, such as depicted above from CLEC A. Currently, such calls appear to the terminating Party, such as CLEC B above, as though they were originated by BellSouth. Therefore, until such time as calls originating from unbundled ports can be uniquely identified to the originating Party and such information can be passed to the terminating Party in a billing record, for this call scenario BellSouth shall charge CLEC A for End Office Switching or ULS-SF at End Office B, shall not charge CLEC B for ULS-SF at End Office B and shall not provide a billing record to CLEC B.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

7. BST Network – Call terminating outside of the originating 7 & 10 digit dialing arrangement but within the lata (i.e. 1+ call) - Interoffice



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 006 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.

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

BellSouth sends CLEC A ODUF 10-01-01

* Indicates demarcation between UNE Network and other Networks

Reciprocal Compensation

BST bills CLEC A Unbundled Local Switching as indicated above.

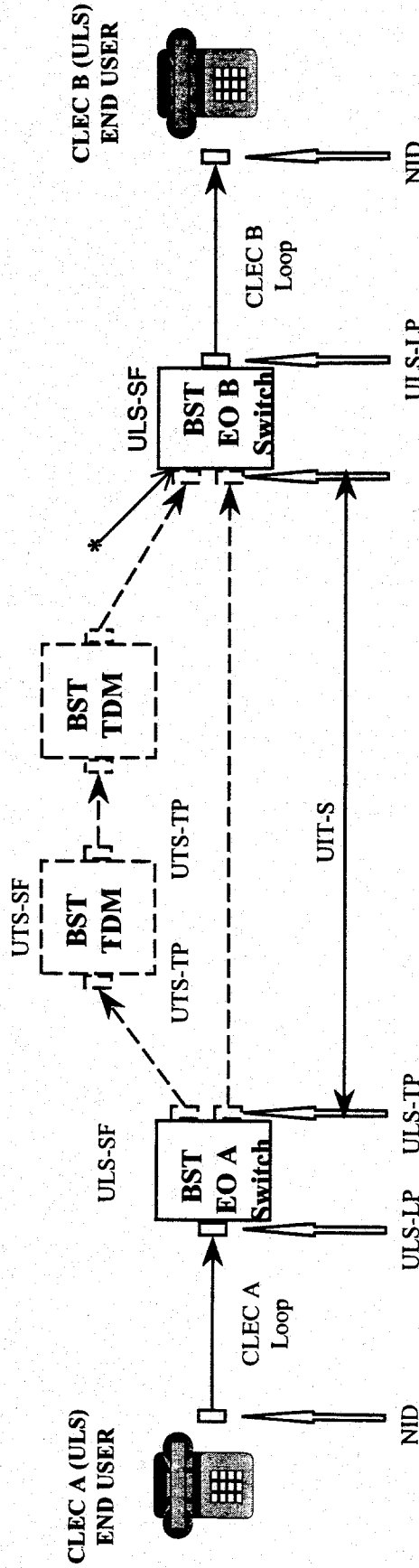
Note: CLEC A must LPIC BST in order for BellSouth to transport and terminate this call.

Appropriate terms and conditions must be contained within the CLEC/BellSouth

Interconnection Agreement in order for BellSouth to provide this functionality to the CLEC.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

8. BST Network – Call terminating outside of the originating 7 & 10 digit dialing arrangement but within the lata (i.e. 1+ call) - Interoffice



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 006 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.

- * 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 (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)

BST bills CLEC B

- ULS-LP (loop and port monthly)

Billing Factors

- NA

Record Exchange

- BellSouth sends CLEC A ODUF 10-01-01

Note: CLEC A must LPIC BST in order for BellSouth to transport and terminate this call. Appropriate terms and conditions must be contained within the CLEC/BellSouth Interconnection Agreement in order for BellSouth to provide this functionality to the CLEC.

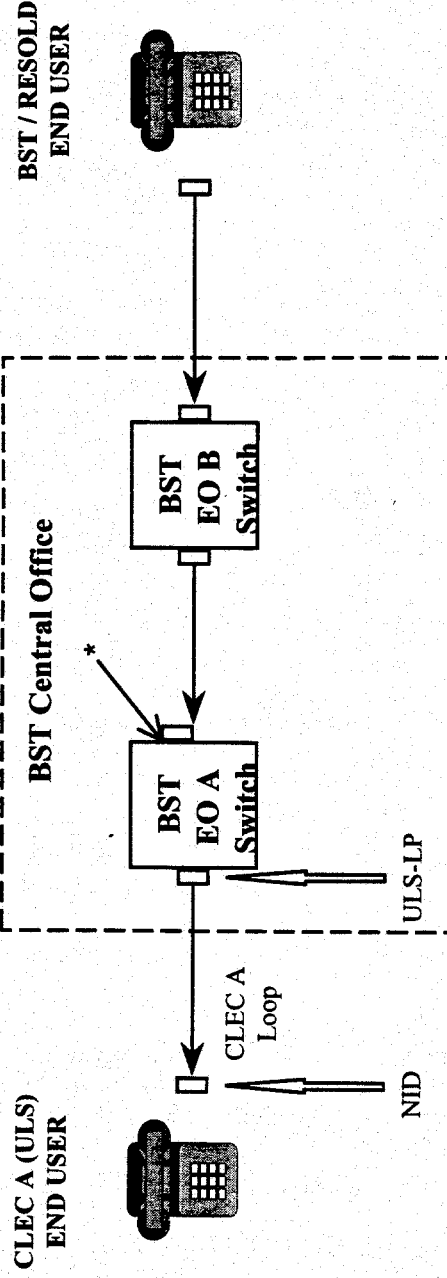
Note: The Industry has not developed a means to uniquely identify calls originating from unbundled ports, such as depicted above from CLEC A. Currently, such calls appear to the terminating Party, such as CLEC B above, as though they were originated by BellSouth. Therefore, until such time as calls originating from unbundled ports can be uniquely identified to the originating Party and such information can be passed to the terminating Party in a billing record, for this call scenario BellSouth shall charge CLEC A for End Office Switching or ULS-SF at End Office B, shall not charge CLEC B for ULS-SF at End Office B and shall not provide a billing record to CLEC B.

11/13/01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

10. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Intraoffice/Interswitch



Billing Concept

-- Unbundled Network Elements

BST bills CLEC A

-- ULS-LP (loop and port monthly)

Billing Factors

-- NA

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 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

Reciprocal Compensation

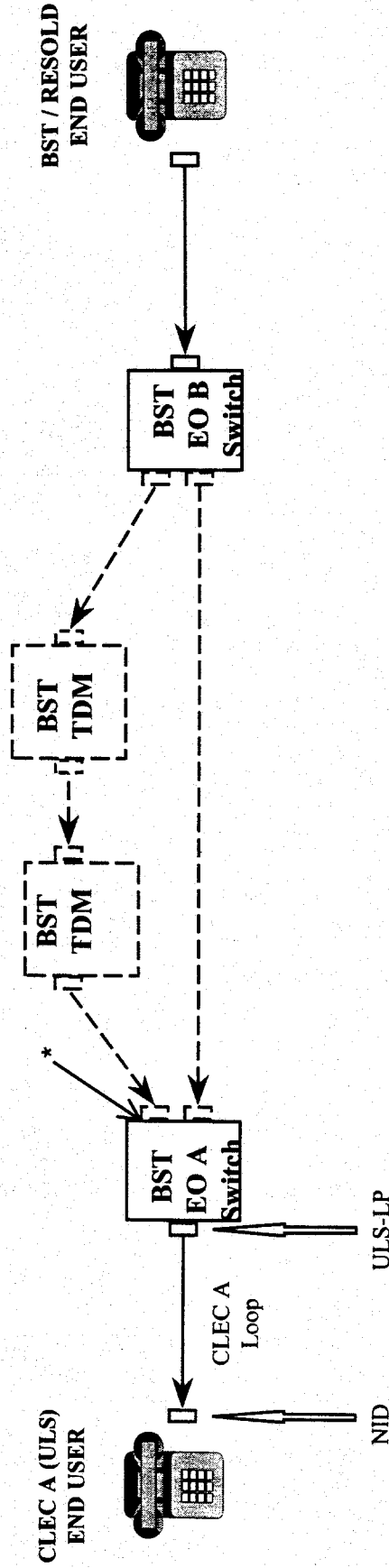
CLEC A does not charge BellSouth reciprocal compensation as the charges that UNE CLEC A may be entitled to charge BellSouth for terminating local switching would be the same as the charges BellSouth would charge UNE CLEC A for unbundled switching. Such charges would net to zero, since they are the same rate. Therefore, neither Party charges for the unbundled local switching functionality.

Record Exchange

-- NA

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

11. BST Network - Calling Within a 7 and 10 Digit Dialing Scope Interoffice



Billing Concept

-- Unbundled Network Elements

BST bills CLECA

-- ULS-LP (loop and port monthly)

Billing Factors

-- NA

Record Exchange

-- NA

Usage Recordings

-- Call Code 001/072 (NOT MBI13) 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 MBI13 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.

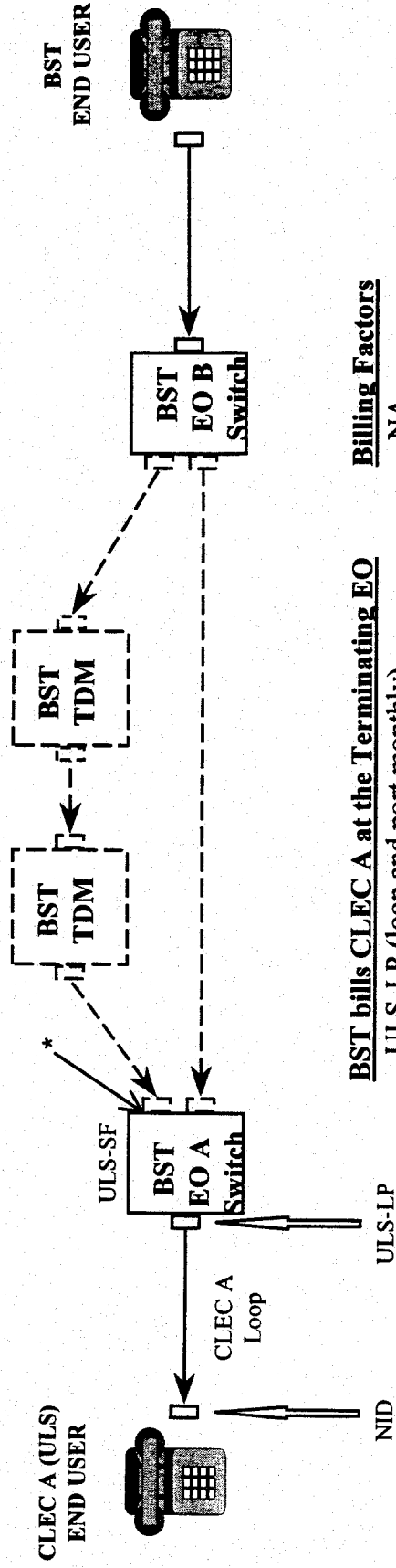
Reciprocal Compensation

CLEC A does not charge BellSouth reciprocal compensation as the charges that UNE CLEC A may be entitled to charge BellSouth for terminating local switching would be the same as the charges BellSouth would charge UNE CLEC A for unbundled switching. Such charges would net to zero, since they are the same rate. Therefore, neither Party charges for the unbundled local switching functionality.

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

12. BST Network - Call terminating outside of the originating 7 & 10 digit dialing arrangement but within the lata (i.e. 1+ call) - Interoffice



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.

* indicates demarcation between UNE Network and other Networks

BST bills CLEC A at the Terminating EO

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

Billing Factors

- NA

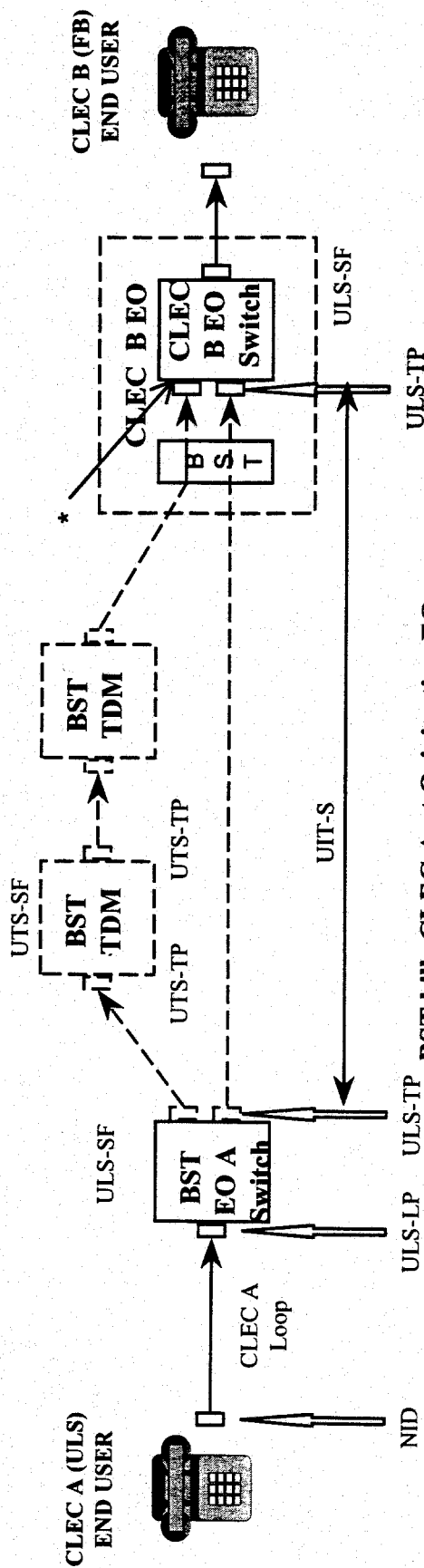
Record Exchange

BellSouth sends CLEC A ADUF 11-01-01, so the CLEC may be able to quantify end office usage. Terminating switched access charges shall not apply.

Reciprocal Compensation:

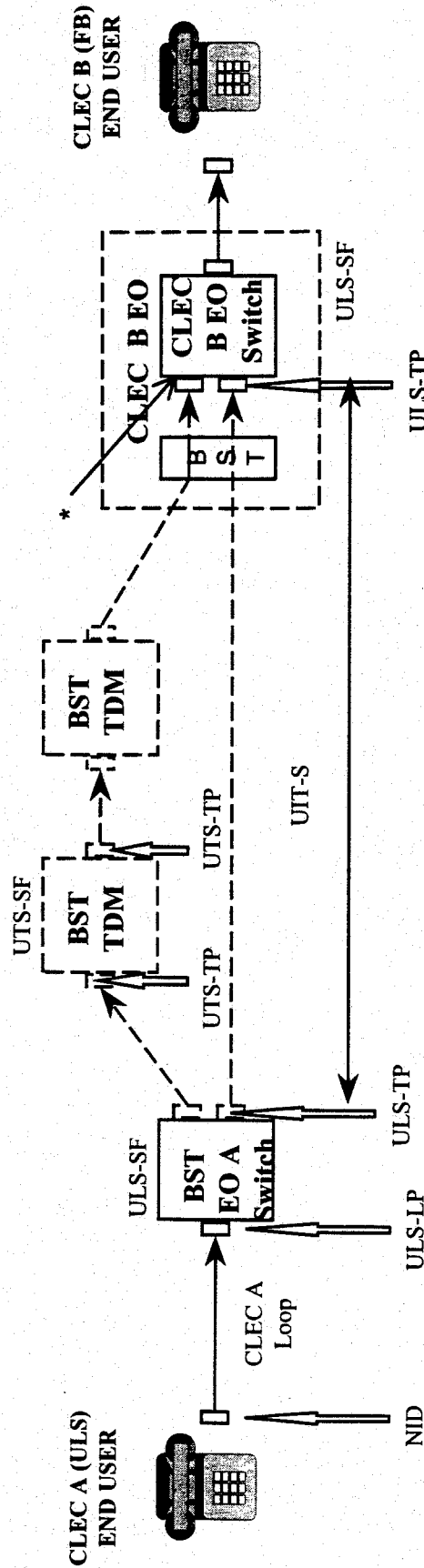
Currently, for this call flow CLEC A may bill BellSouth ULS-SF for end office switching at EO A. This is due to the fact that BellSouth's billing system currently bills ULS-SF to CLEC A at EO A. Because these rates are the same and the charges net to zero, BellSouth would normally not charge, but until BellSouth modifies its billing system to not charge CLEC A for ULS-SF, CLEC A may bill the equivalent charges back to BellSouth.

A terminating access (ADUF) record is provided as this is the only means available to provide CLEC A a way to quantify the terminating usage. However, access charges shall not be billed to BellSouth as BellSouth treats such calls that it terminates as Local calls and bills the originating ULS CLEC Unbundled Local Switching at the UNE rates and not terminating access.



UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

14. Multi-Network – Call terminating outside of the originating 7 & 10 digit dialing arrangement but within the lata (i.e. 1+ call) - Interoffice



Billing Concept

- Unbundled Network Elements
--- Local Interconnection

Usage Recordings

- Call Code 006 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 CLECA

- 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)

FB CLEC B Billing

- The Industry has not established how CLEC B may Bill CLEC A for reciprocal compensation. In the interim, BST shall bill the terminating EO switching to CLEC A and pay Reciprocal compensation to CLEC B as such calls appear to be originated by BST end users.

Billing Factors

- N/A

Record Exchange

BellSouth sends CLEC A ODUF 10-01-01

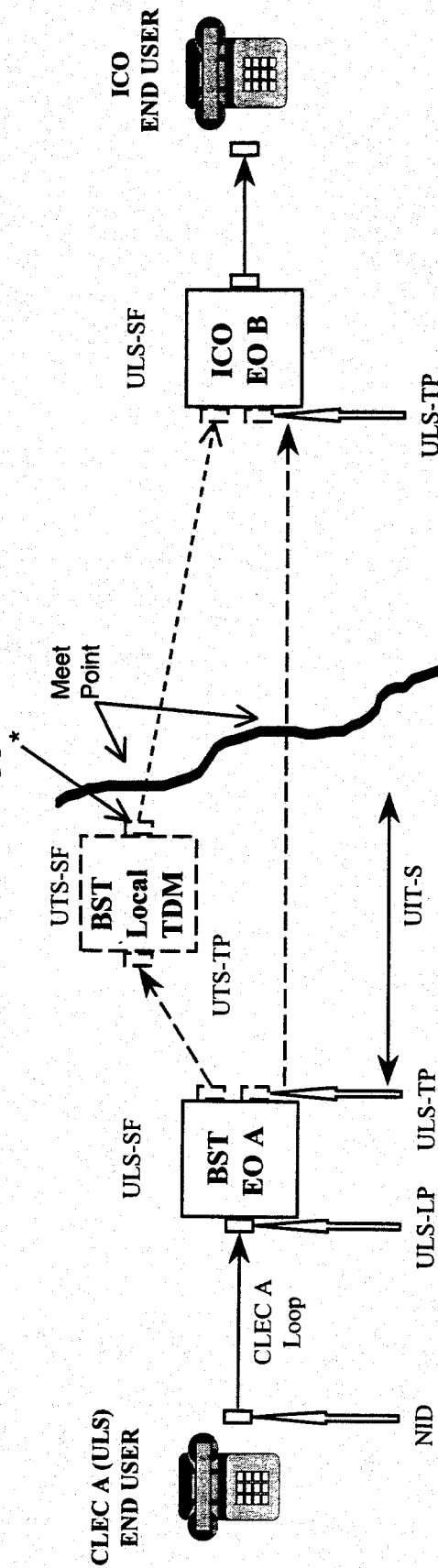
Note: CLEC A must LPIC BST in order for BellSouth to transport and terminate this call. Appropriate terms and conditions must be contained within the CLEC/BellSouth Interconnection Agreement in order for BellSouth to provide this functionality to the CLEC.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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15A. Multi-Network – Calling Within a 7 and 10 Digit Dialing Scope

Interoffice



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

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)
- UIT-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)
- UTS-SF (unbundled melded tandem switching)
- 1 UTS-TPs (melded tandem trunk ports)

Billing Factors

- NA

Record Exchange

BellSouth sends CLEC A ODUF 10-01-31
(See Local/Toll Exceptions)

Note: ICO and BST local calls are bill and keep

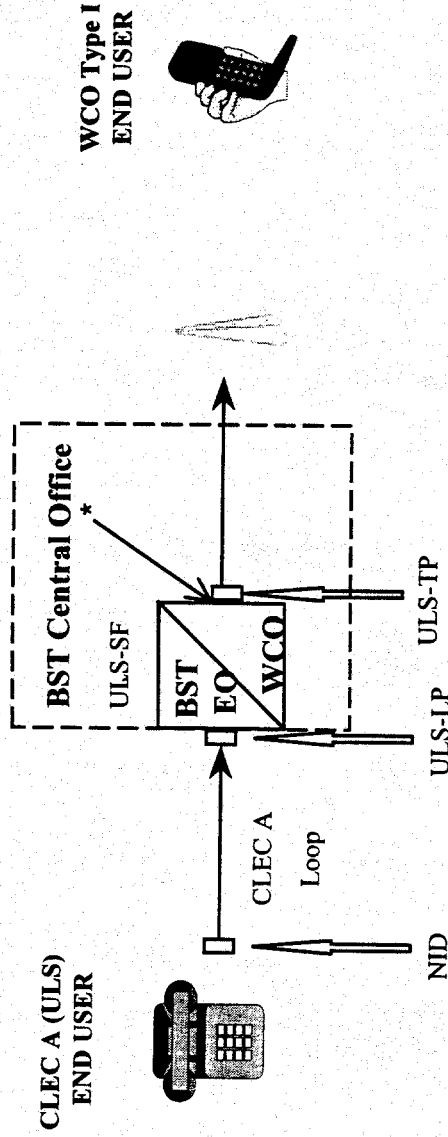
UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

17. BST-Network - Calling Within a 7 and 10 Digit Dialing Scope

Type I - Intraoffice/IntraSwitch



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)

Billing Factors

- NA

Record Exchange

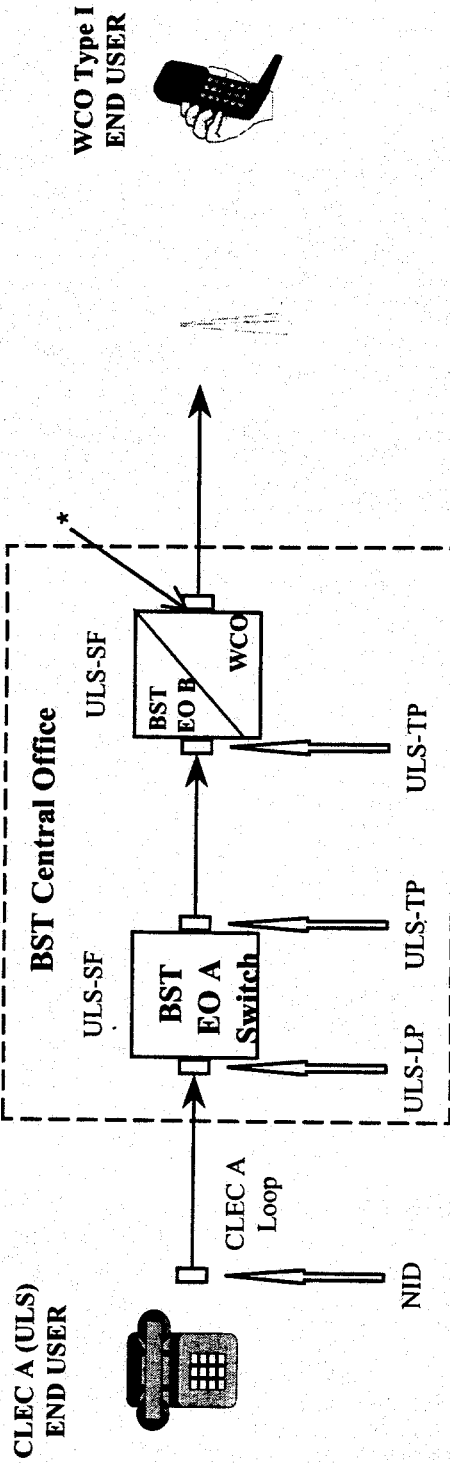
- BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)
- 10-01-01 is sent to CLEC A if WCO NPA-NXX is Land-to-Mobile

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

17A. BST Network - Calling Within a 7 and 10 Digit Dialing Scope

Type I - Intraoffice/InterSwitch



Billing Concept

- Unbundled Network Elements

Usage Recordings

- 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.

* indicates demarcation between UNE Network and other Networks

BST bills CLEC A

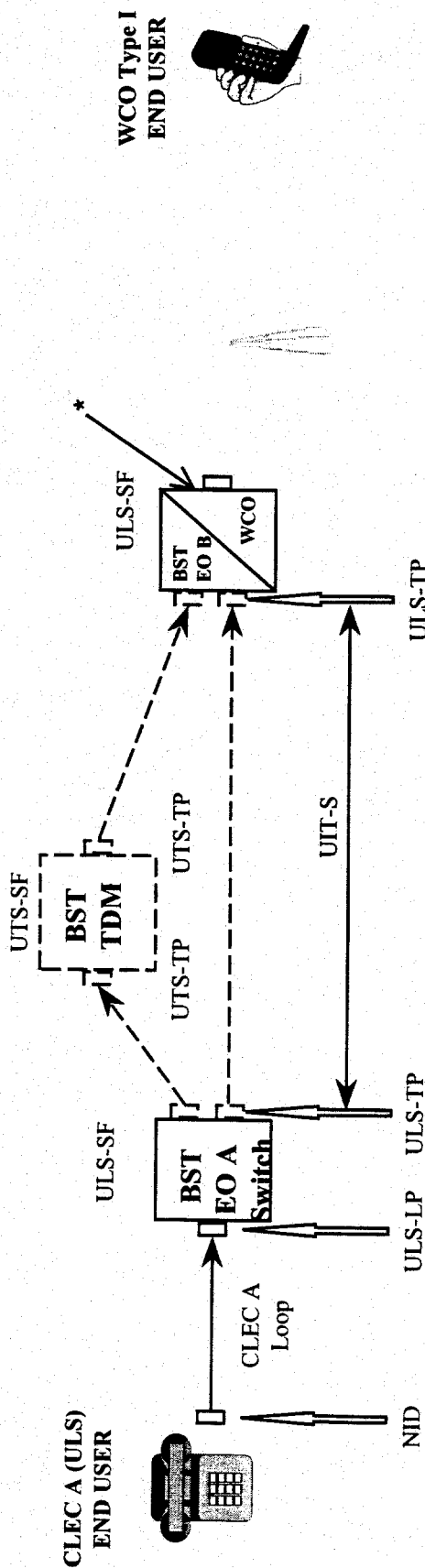
- ULS-LP (loop and port monthly)
- 2 ULS-SFs (unbundled switching - originating and terminating, summarized at originating EO A)
- 2 ULS-TPs (trunk ports)
- UIT-S (unbundled transport, fixed, mileage calculated from EO A to EO B) (zero transport miles)

Billing Factors

- NA

Record Exchange

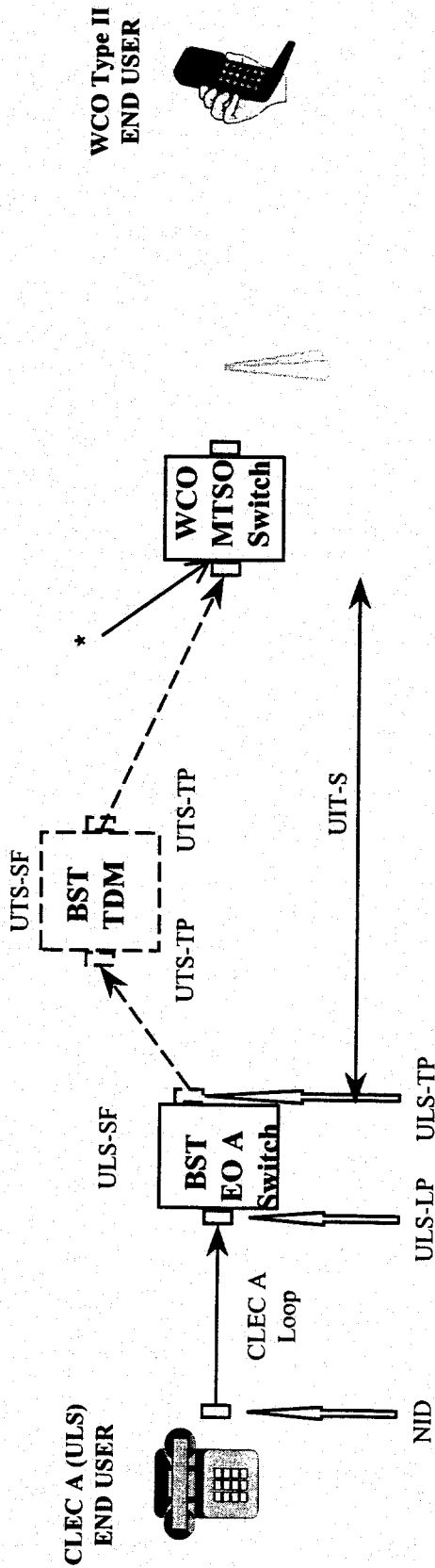
- BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)
- 10-01-01 is sent to CLEC A if WCO NPA-NXX is Land-to-Mobile



UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

19. Multi-Network - Calling Within a 7 and 10 Digit Dialing Scope

Type II-A



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)
- UIT-S (unbundled transport - shared, fixed and per mile, mileage from EO A to MTSO)
- UTS-SF (full rate unbundled tandem switching)
- 2 UTS-TPs (full rate tandem trunk ports)

Billing Factors

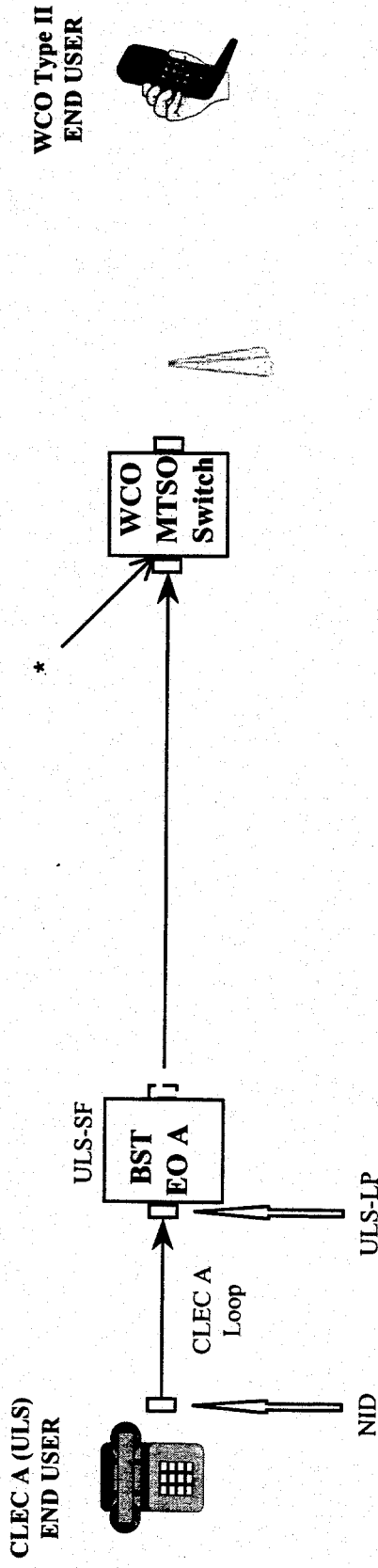
- NA

Record Exchange

- BellSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)
- 10-01-01 is sent to CLEC A if WCO NPA-NXX is Land-to-Mobile
- * indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

19a. Multi-Network - Calling Within a 7 and 10 Digit Dialing Scope Type II-B



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

Billing Factors

- NA

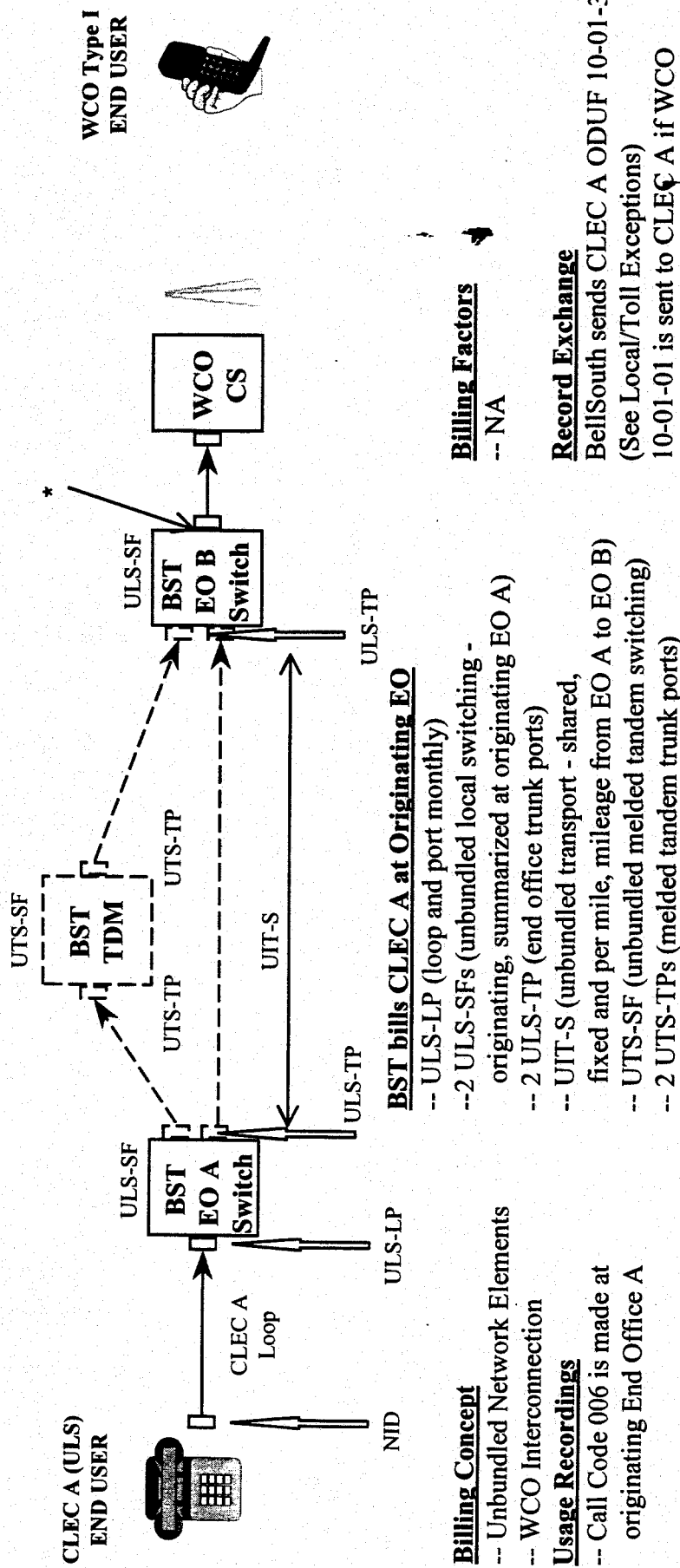
Record Exchange

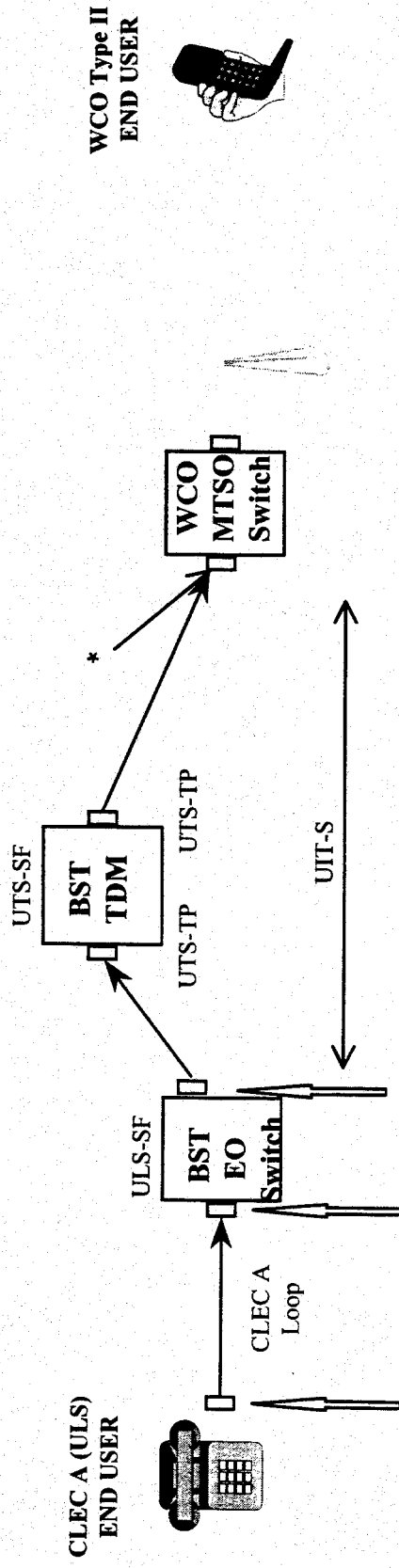
- BelSouth sends CLEC A ODUF 10-01-31 (See Local/Toll Exceptions)
- 10-01-01 is sent to CLEC A if WCO NPA-NXX is Land-to-Mobile

BST bills CLEC A

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

* indicates demarcation between UNE Network and other Networks

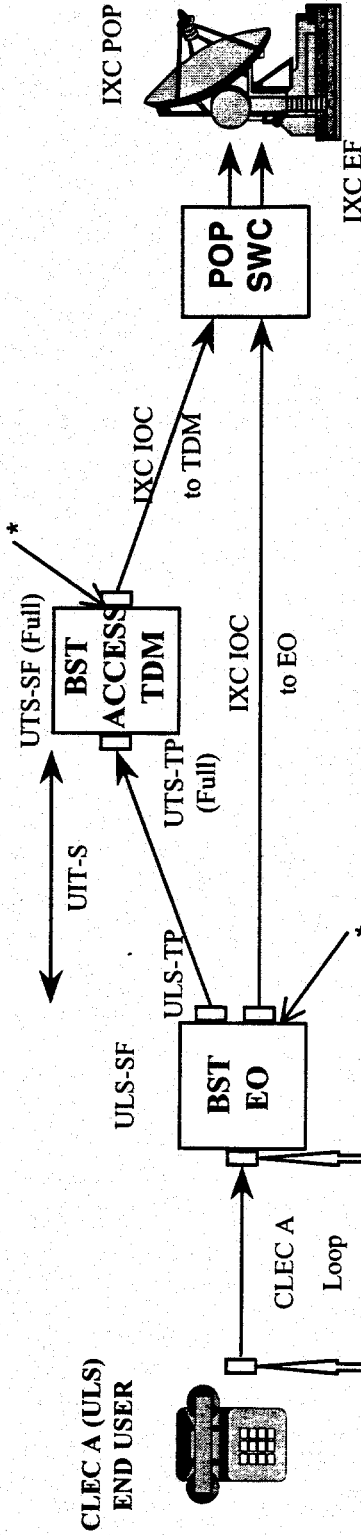




UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

22. INTERSTATE / INTRASTATE ACCESS CALLING

(Access Reform) Multi-Network Interoffice



Billing Concept

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

Usage Recordings

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

Billing Factors

- IXC will provide PIUs to BST and CLEC A

Record Exchange

- BellSouth sends CLEC A ADUF Originating 11-01-01

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

CLEC A bills IXC

- Originating Access as agreed upon between CLEC A & IXC

BST bills IXC

- Dedicated Switched Local Channel (Entrance Facility)
- Dedicated Switched Transport (between POP SWC and UNE CLEC EO) if direct routed, dedicated transport (between POP SWC and Access Tandem) if tandem routed

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

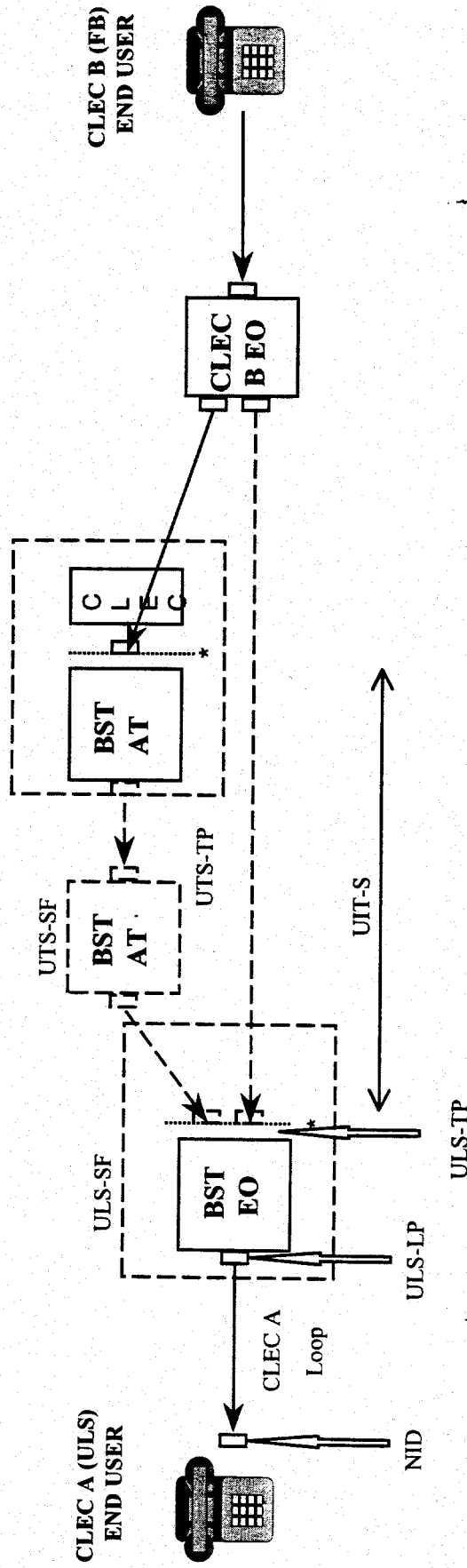
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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

27. Multi-Network - Intralata Toll Calling - Interoffice



Billing Concept

-- Local Interconnection

Usage Recordings

-- Call Code 119, 066, or 720

* indicates demarcation between UNE Network and other Networks

BST bills CLEC A

-- If CLEC B is interconnected at a BST EO:

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

-- If CLEC B is interconnected at a BST Access TDM:

- ULS-LP (loop and port monthly)
- ULS-SF (unbundled local switching - terminating)
- ULS-TP (unbundled end office trunk ports)
- UTS-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)

Billing Factors

-- FB CLEC B provides PIU and PLU to CLEC A

Record Exchange

BellSouth sends CLEC A
ADUF Terminating 11-01-01

CLEC A bills CLEC B

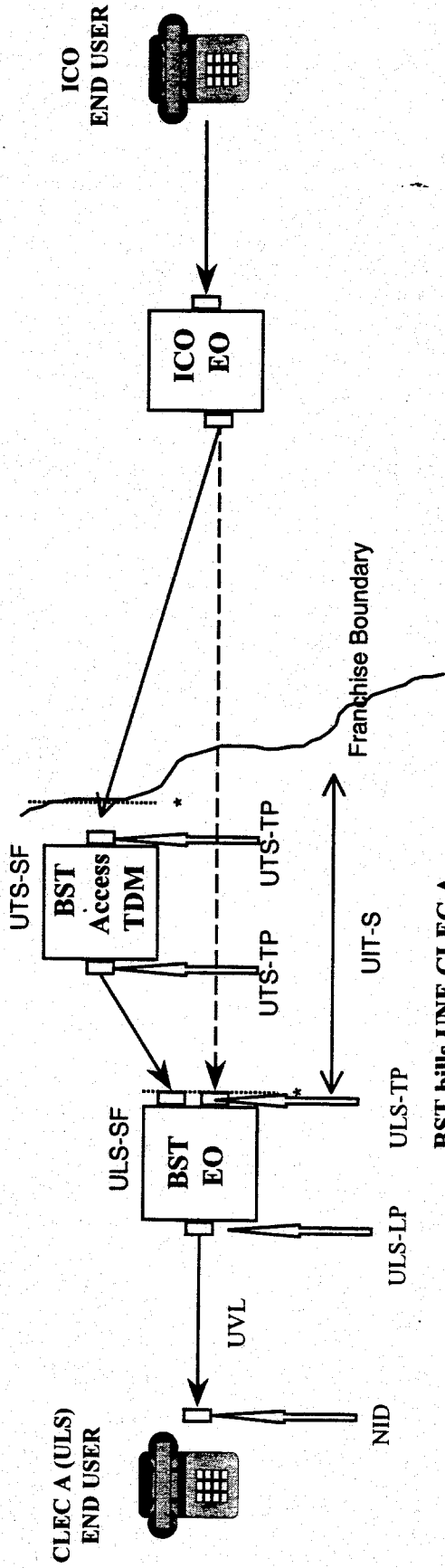
-- Access as agreed upon between CLEC A and CLEC B

11/13/01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

29. Multi-Network IntraLATA Toll Calling

Interoffice



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)

Billing Factors

- N/A

Record Exchange

- BellSouth sends CLEC A
- ADUF Terminating 11-01-01 (CIC of 0000 should be in this record)

* Indicates demarcation between UNE Network and other Networks

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.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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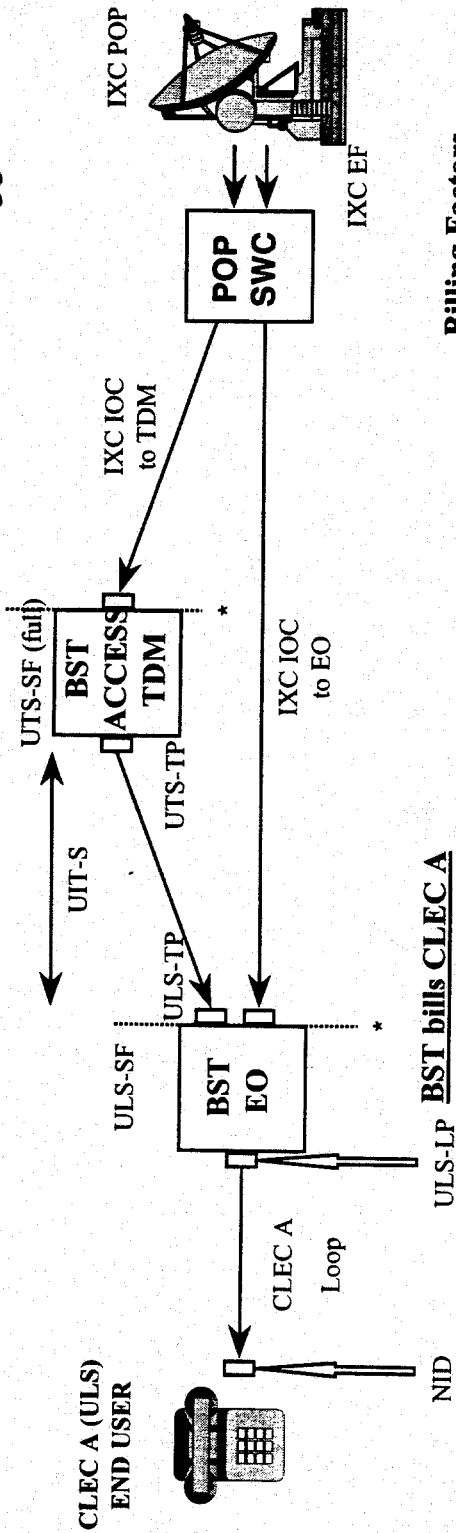
UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

33. INTERSTATE / INTRASTATE ACCESS CALLING

(Access Reform) Multi-Network Interoffice



UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

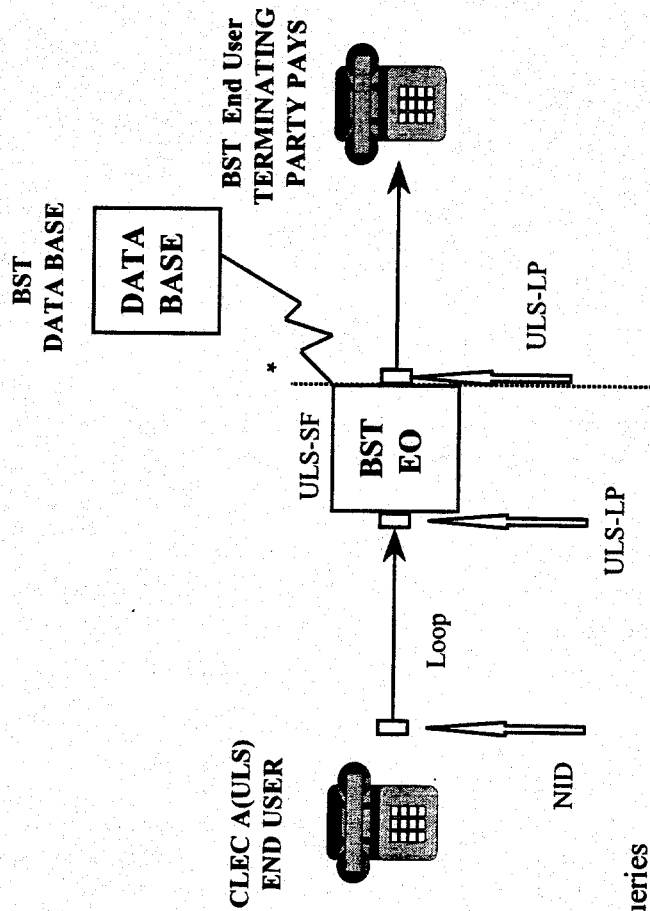
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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

37. BST Network Intralata 800 - Intraoffice/Intraswitch



Billing Concept

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

Usage Recordings

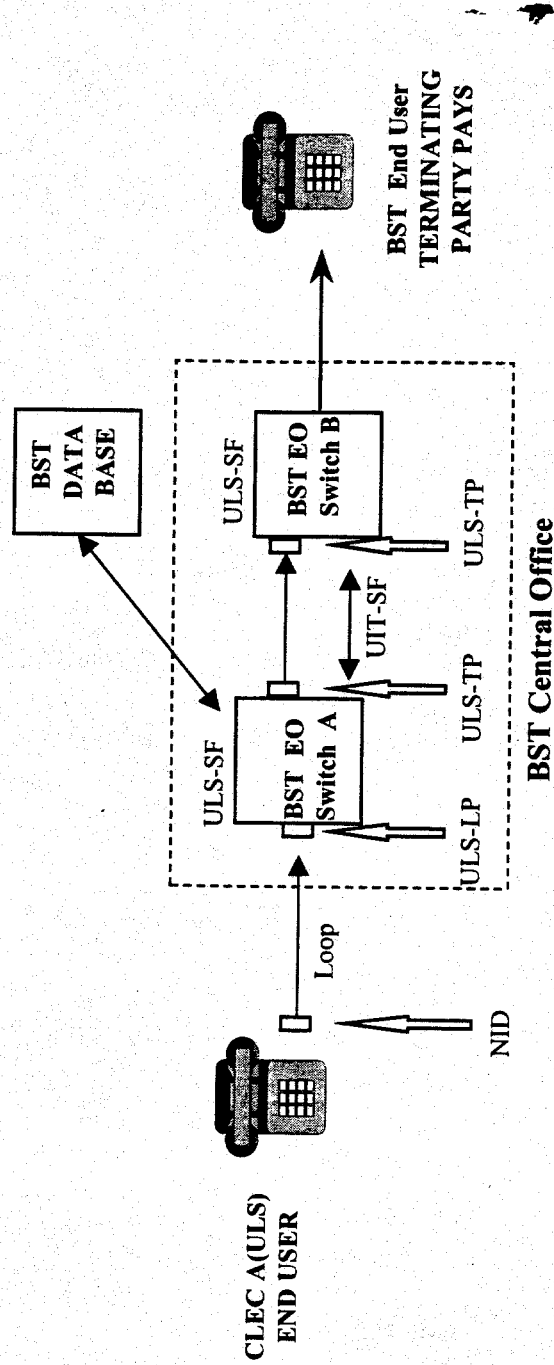
- Call Code 142 for 800 is made at the
- End Office (no tandem indicator)

BST bills CLEC A

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

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

37a. BST Network Intralata 800 - Intraoffice/Interswitch



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)
- 800 Data Base Dip

Billing Factors

- N/A

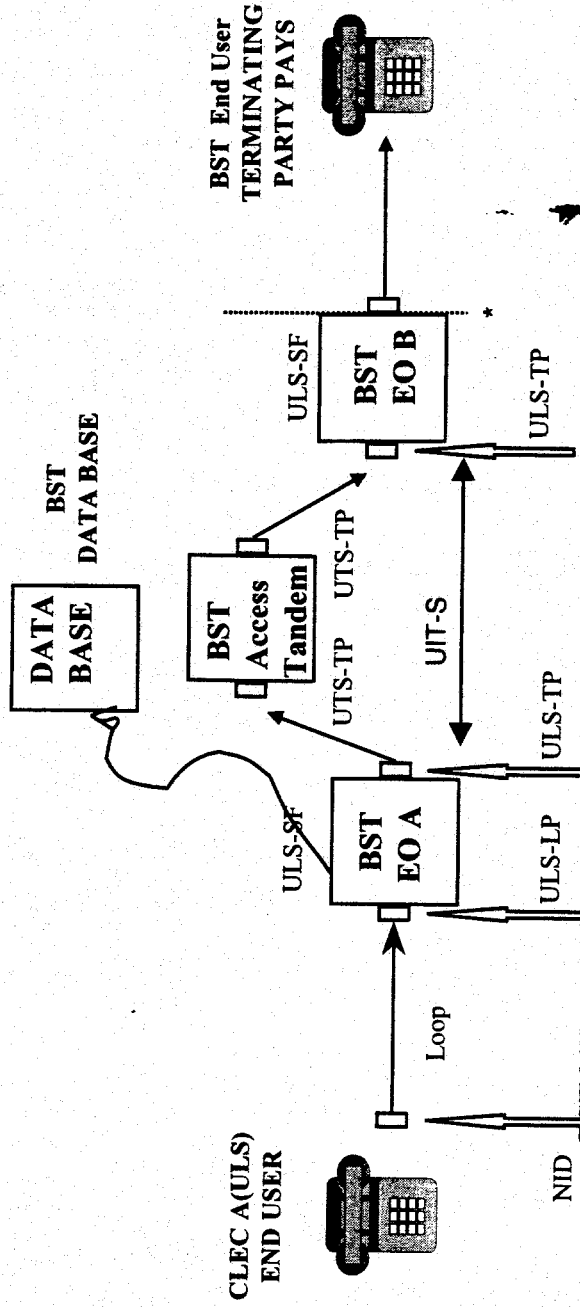
Record Exchange

- BellSouth sends CLEC A ADUF 11-01-25 (CIC of 5124)

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

38. BST Network Intralata 800 - Interoffice



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)

Billing Factors

- N/A

Record Exchange

BellSouth sends CLEC A
ADUF 11-01-25
(CIC of 5124)

BST bills BST 800 Number

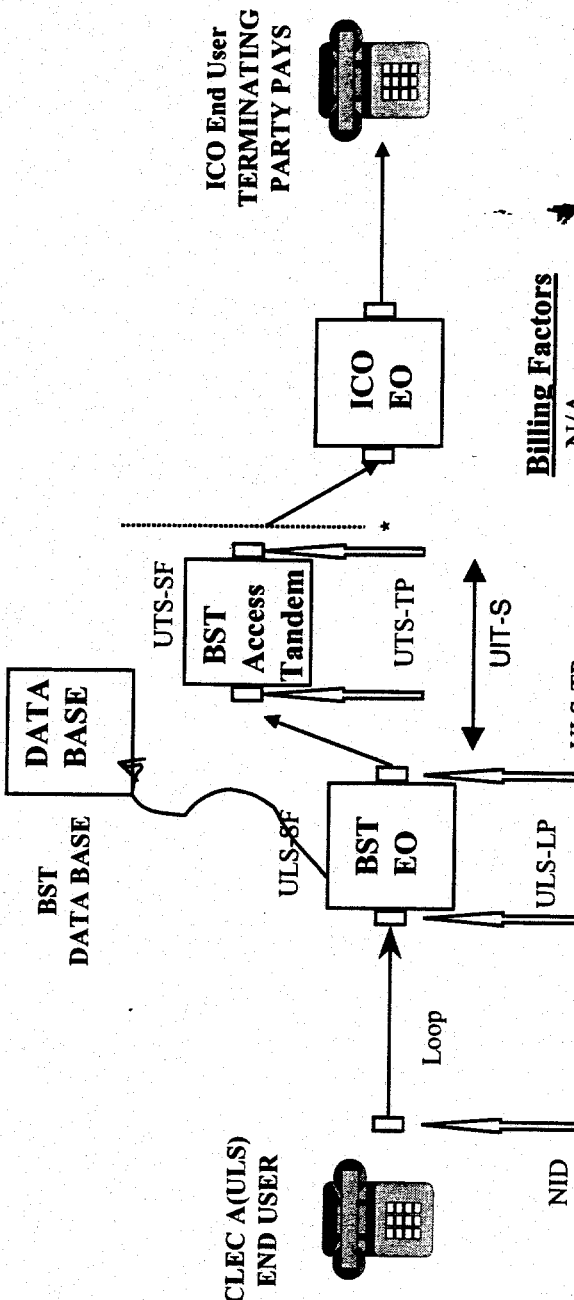
- CRIS bills Terminating Party Pays

CLEC A may bill BST

- Originating Access (LT, EO, CCL)
- 800 Data Base Dip

* indicates demarcation between UNE Network and other Networks

38A. Multi-Network Intralata 800 - Interoffice



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)

BST bills CLECA

- ULS-LP (Loop and port monthly)
- ULS-SF (unbundled local switching - originating)
- UIT-S (unbundled shared transport, mileage from BST EO and BST tandem, default to zero miles, see note on right)

ICO bills ICO EU

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

ICO bills ICO EU

Note: default UJT-S to zero miles since do not know:
if call was tandem routed, meet point with ICO, and that
EO and tandem could possibly be co-located

Record Exchange

**BellSouth sends CLEC A
ADUF 11-01-25
(CIC of 0000)**

Billing Factors

N/A

BellSouth sends 010125 record to ICO

CLEC A may send EMR 1150XX to
BST in error

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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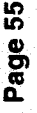
UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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49. BST Network - Interoffice Terminating to BST Official Telephone Numbers (including 611 in GA)



UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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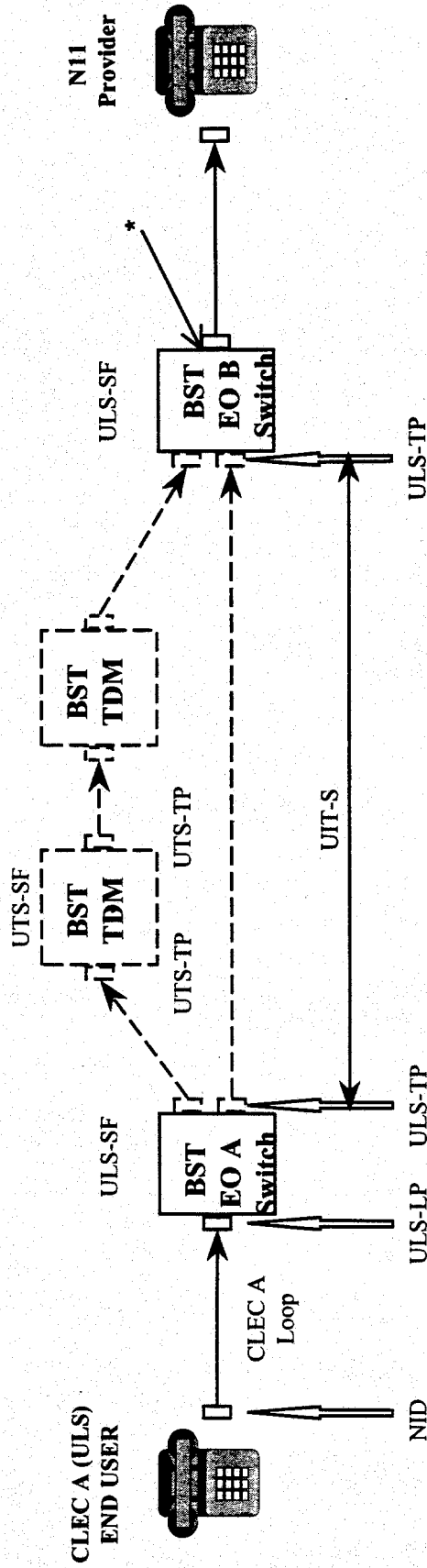
UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

52. BST Network - N11 Calling - Interoffice

(including 611 in FL, NC and SC)



Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 001 (NOT MBI13) 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)
-- 1 ULS-SFs (unbundled switching - originating summarized at originating EO A)

Billing Factors

-- NA

Record Exchange

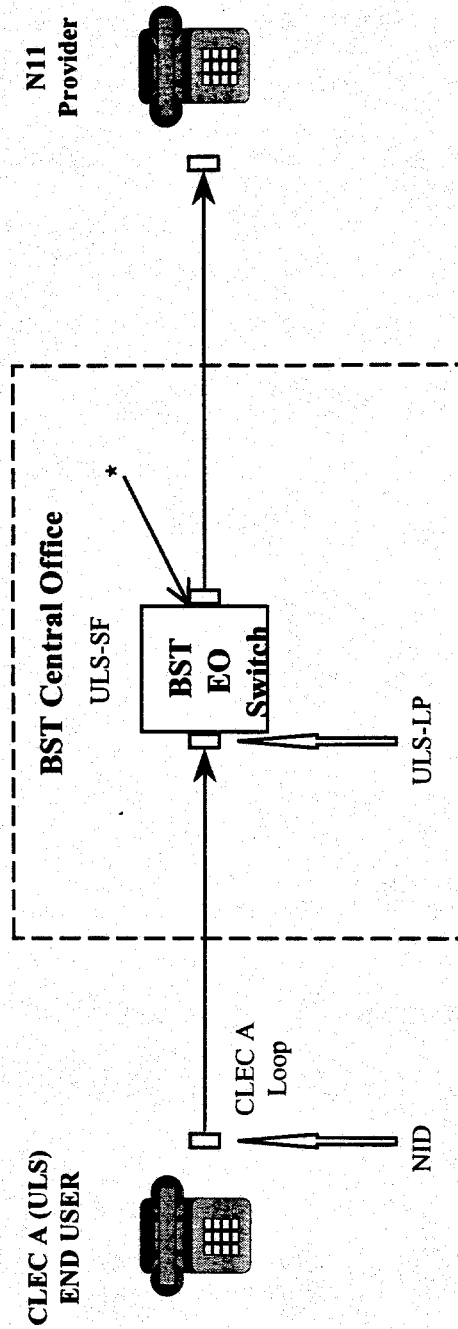
* BellSouth sends CLEC A
ODUF 10-01-18
• For 611 Calls in FL, NC and SC, BellSouth sends CLEC A ODUF 10-01-31 or 10-01-01 (see Local Toll Exceptions) (See exception in note 1)

Note 1: For 611 calls originating from a Siemen's EWSD switch and if CLEC A has not subscribed to Selective Call Routing via the AIN Platform, BellSouth currently does not have the capability to bill UNE usage elements nor provide DUF records.

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

52A. BST Network - N11 Calling - Intraoffice/Intraswitch (including 611 in FL, NC and SC)



Billing Concept

- Unbundled Network Elements

Usage Recordings

- 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.

BST bills CLEC A

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

Billing Factors

- NA

Record Exchange

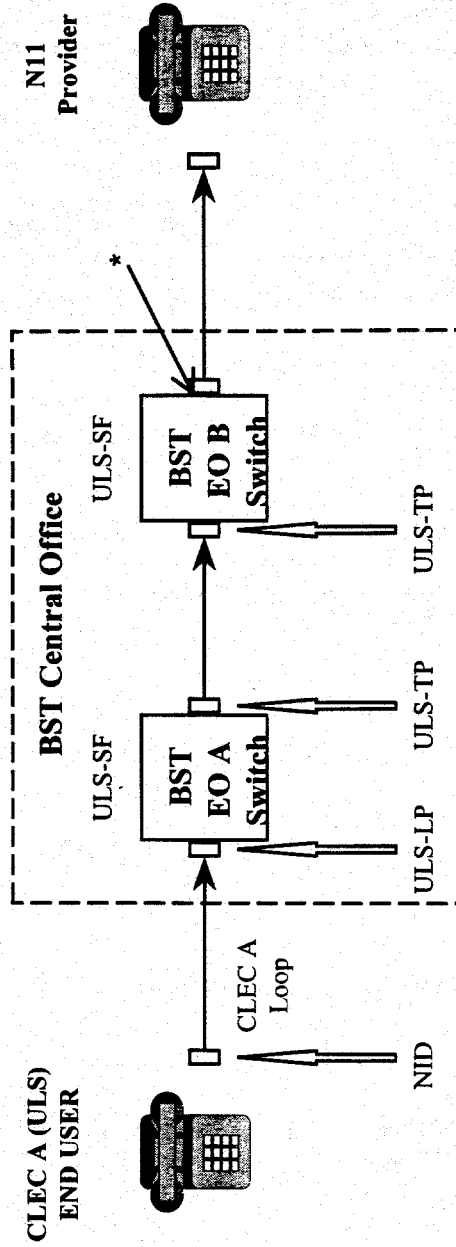
- * BellSouth sends CLEC A ODUF 10-01-18
- For 611 Calls in FL, NC and SC, BellSouth sends CLEC A ODUF 10-01-31 or 10-01-01 (see Local Toll Exceptions) (See exception in note 1)

- * indicates demarcation between UNE Network and other Networks
- Note 1: For 611 calls originating from a Siemen's EWSD switch and if CLEC A has not subscribed to Selective Call Routing via the AIN Platform, BellSouth currently does not have the capability to bill UNE usage elements nor provide DUF records.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

52B. BST Network - N11 - Intraoffice/Interswitch

(including 611 in FL, NC and SC)



Billing Concept

- Unbundled Network Elements

Usage Recordings

- 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.

Note 1: For 611 calls originating from a Siemen's EWSD switch and if CLEC A has not subscribed to Selective Call Routing via the AIN Platform, BellSouth currently does not have the capability to bill UNE usage elements nor provide DUF records.

Billing Factors

- NA

Record Exchange

- * BellSouth sends CLEC A ODUF 10-01-18
- For 611 Calls in FL, NC and SC, BellSouth sends CLEC A ODUF 10-01-31 or 10-01-01 (see Local Toll Exceptions) (See exception in note 1)

* indicates demarcation between UNE Network and other Networks

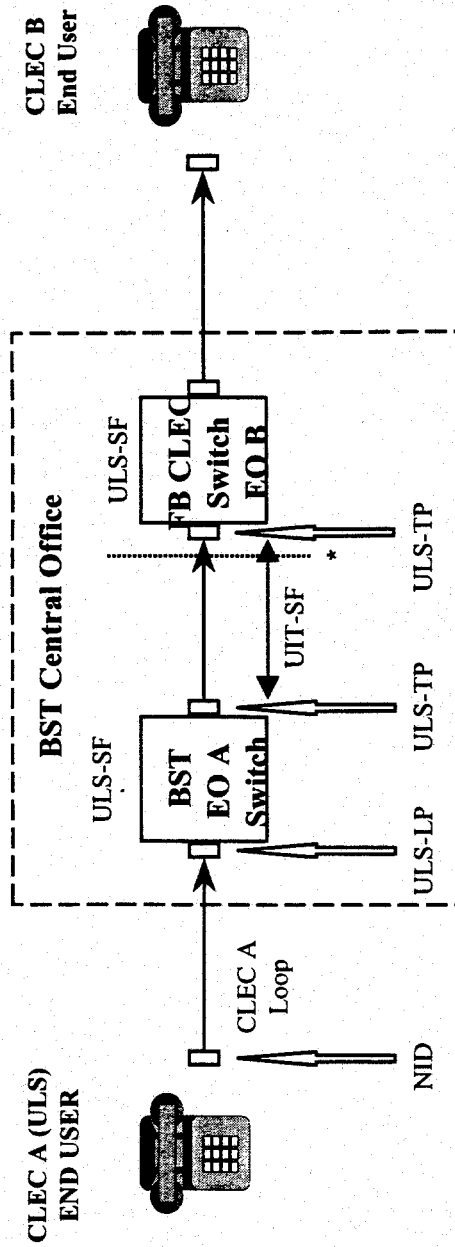
UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

54. Multi-Network – Calling Within a 7 and 10 Digit Dialing Scope

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



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.

* Indicates demarcation between UNE Network and other Networks

Billing Factors

- NA

Record Exchange

- BellSouth sends CLEC A
- ODUF 10-01-31
- (See Local/Toll Exceptions)

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)

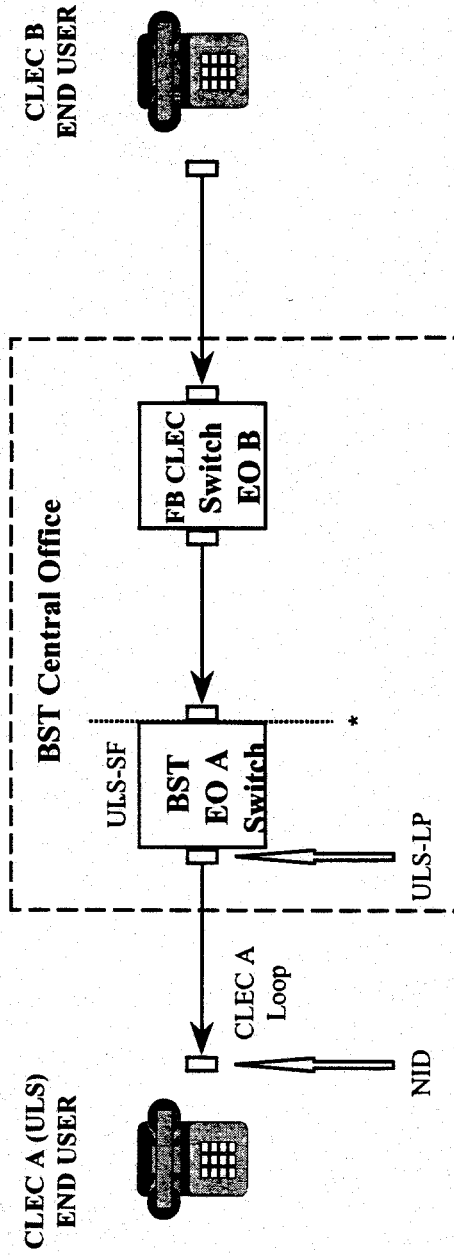
FB CLEC B Billing

- The Industry has not established how CLEC B may Bill CLEC A for reciprocal compensation. In the interim, BST shall bill the terminating EO switching to CLEC A and pay Reciprocal compensation to CLEC B as such calls appear to be originated by BST end users.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

55. Multi-Network LOCAL CALLING

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



Billing Concept

-- Unbundled Network Elements

Usage Recordings

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

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
ADUF Terminating 11-01-01

* indicates demarcation between UNE
Network and other Networks

BST bills CLEC A

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

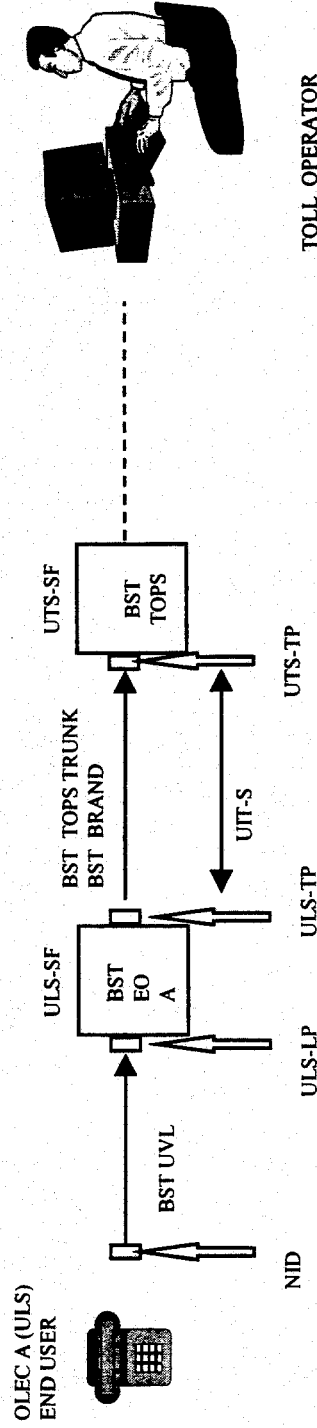
CLEC A bills CLEC B

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

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

01. OPERATOR CALL PROCESSING - NO ATTEMPT -

BST BRAND OR UNBRANDED ZERO MINUS



Billing Concept

-- Unbundled Network Elements

Usage Recordings

- Call Code 196 made at the TOPS (no attempts) (use elapsed time)
- Call Code 189(non-billable)
- Call Code 192 (DA charges/credits)

Query Operator only -
Call is NOT outpulsed
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 A)
- 1 ULS-TPs (end office trunk port)
- UIT-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO to TOPS)
- 1 UTS-TP (tandem trunk port - full)
- 1 UTS-SF (unbundled tandem switching - full)
- Per call/minute operator charges per CLEC contract
- DA charges/credits (CC 192)

Billing Factors

-- NA

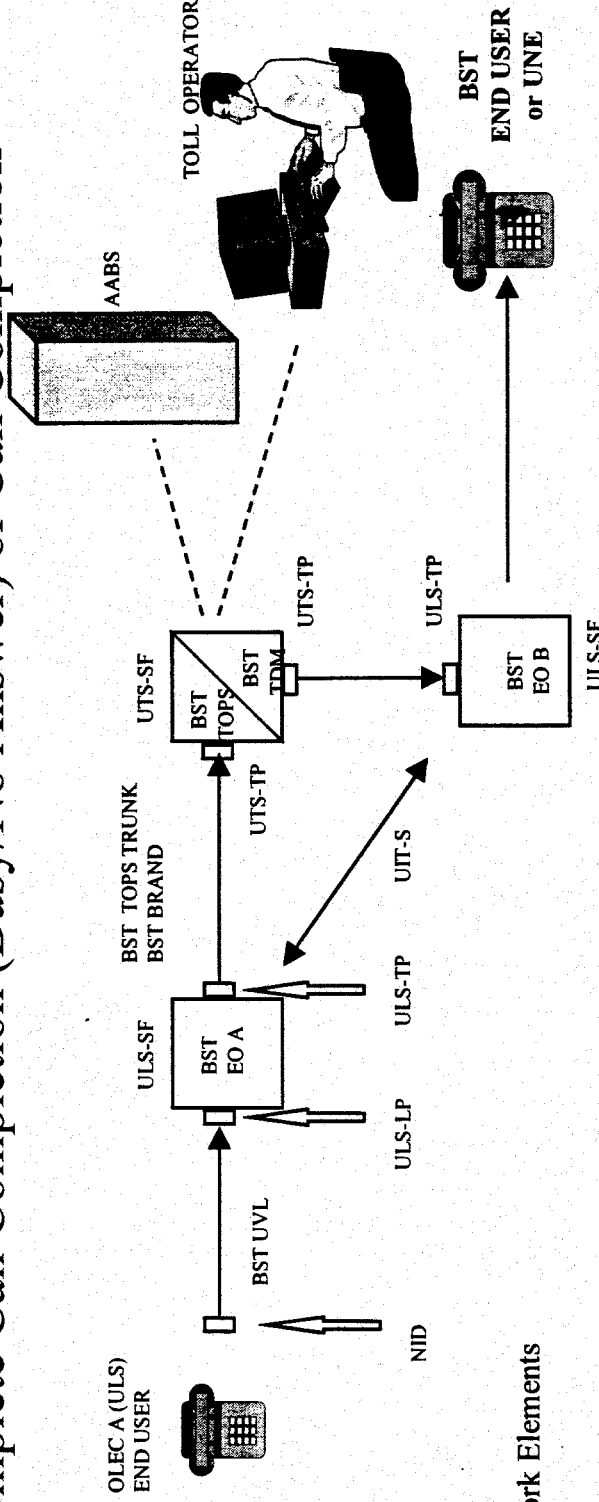
Record Exchange

BellSouth sends CLEC A
ODUF 10-01-01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

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

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



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)
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

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 BST EO B)
- 2 UTS-TP (unbundled full tandem trunk ports)
- UTS-SF (unbundled full tandem switching)
- Per call/minute operator charges per CLEC contract
- DA charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

02A. OPERATOR CALL PROCESSING - BST BRAND or UNBRANDED
ZERO MINUS or ZERO PLUS LOCAL, Incomplete Call Completion

[illegible]

-- Unbundled Network Elements

- 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 Completed or call completed

**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 Operator Call Handling - Incomplete Call C or call completed

-- ULS-LP (loop and port monthly)

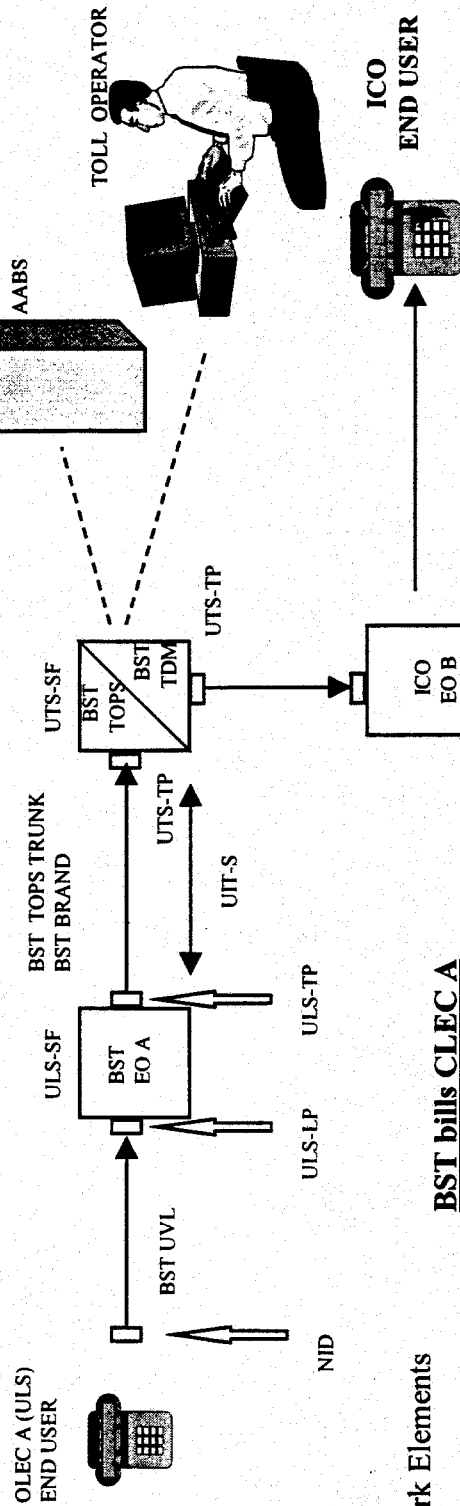
- (Note: only bill 1 UTS-SF even though sometimes switching in TOPS and in TDM occur)
 -- Per call/minute operator charges per CLEC contract
 -- DA charges/credits (CC 192)

-NA

BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

Page 66

UNE PORT/LOOP SWITCHED COMBINATION 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



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)
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

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)
- UIT-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
- DA charges/credits (CC 192)

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

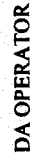
-- NA

Record Exchange

BellSouth sends QLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

O3. ZERO PLUS - OPERATOR CALL PROCESSING-

0+ DIRECTORY ASSISTANCE



-- Unbundled Network Elements

-- Call Code 192 made at the TOPS

- ### BST and OLECs on trunk group

0+ Home NPA 555

-- ULS-LP (loop and port monthly)

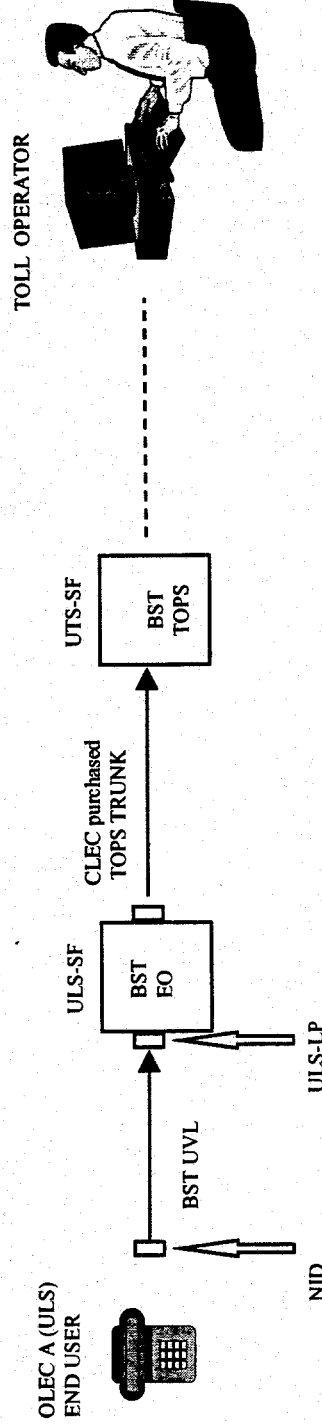
- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO)
- 1 ULS-TPs (end office trunk ports)
- UIT-S (unbundled transport-shared, fixed and per mile, mileage calculated from BST EO to TOPS
- 1 UTS-TP (unbundled full tandem trunk port)
- 1 UTS-SF (unbundled tandem switching - full)
- Per call/minute operator charges per CLEC contract
- DA charges/credits (CC 192)

ODUF 10-01-32

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O4. OPERATOR CALL PROCESSING -NO ATTEMPT

CLEC BRAND - LINE CLASS CODE METHOD



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

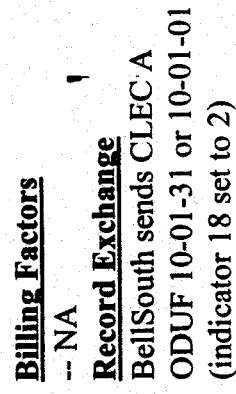
-- NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-01

CLEC orders Customized Routing /LCCs

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



-- Unbundled Network Elements

```
-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)
```

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.

- 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)
- UIT-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)
- DA charges/credits (CC 192)

-NA

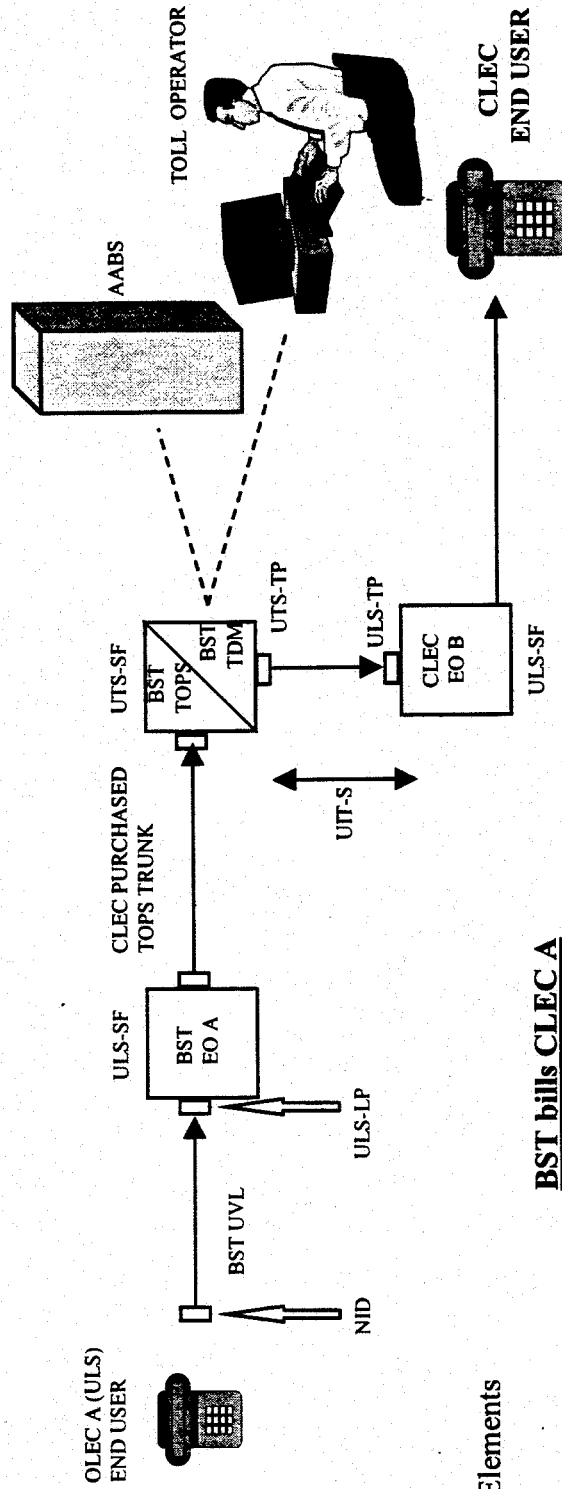
BellSouth sends CLEC-A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

UNE PORT/LOOP SWITCHED COMBINATION 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



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 192 made at TOPS
- Assumes line class code method TOPS functions like a tandem
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

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)
- UIT-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)
- DA charges/credits (CC 192)

FB CLEC may bill BST

Reciprocal Compensation per agreement

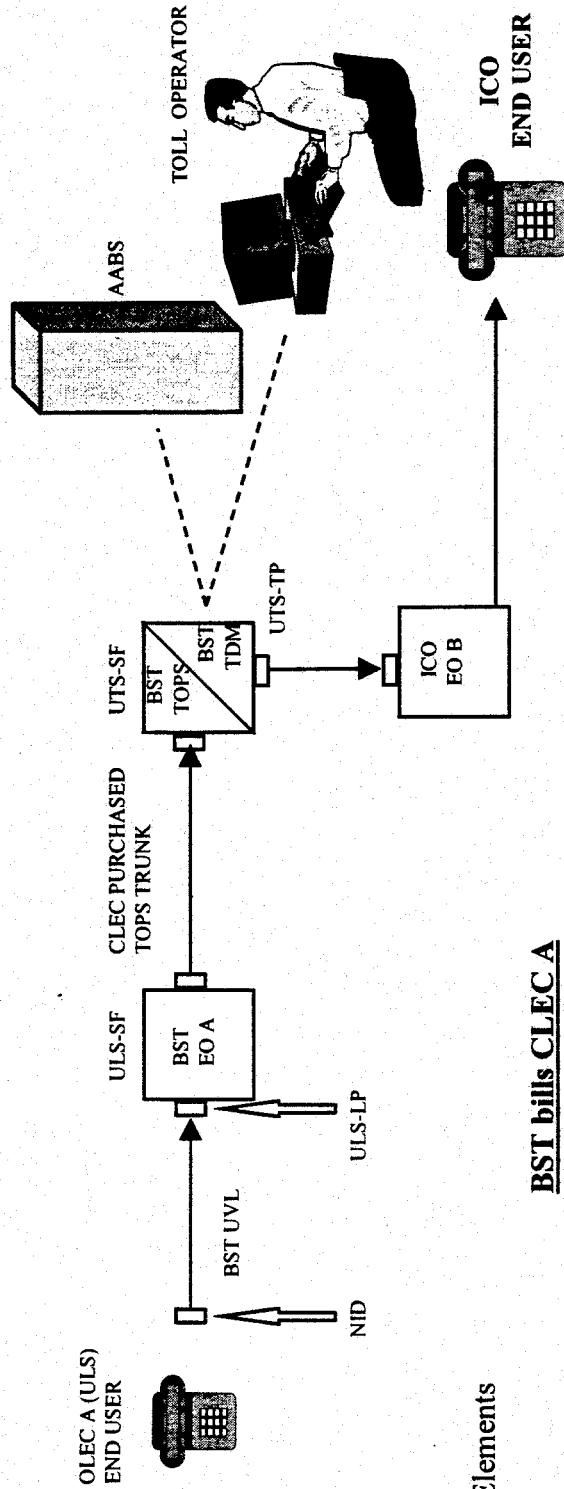
Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

UNE PORT/LOOP SWITCHED COMBINATION 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



Billing Concept

- Unbundled Network Elements

Usage Recordings

- Call Code 192 made at TOPS
- Assumes line class code method
- TOPS functions like a tandem
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

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)
- DA charges/credits (CC 192)

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

-- NA

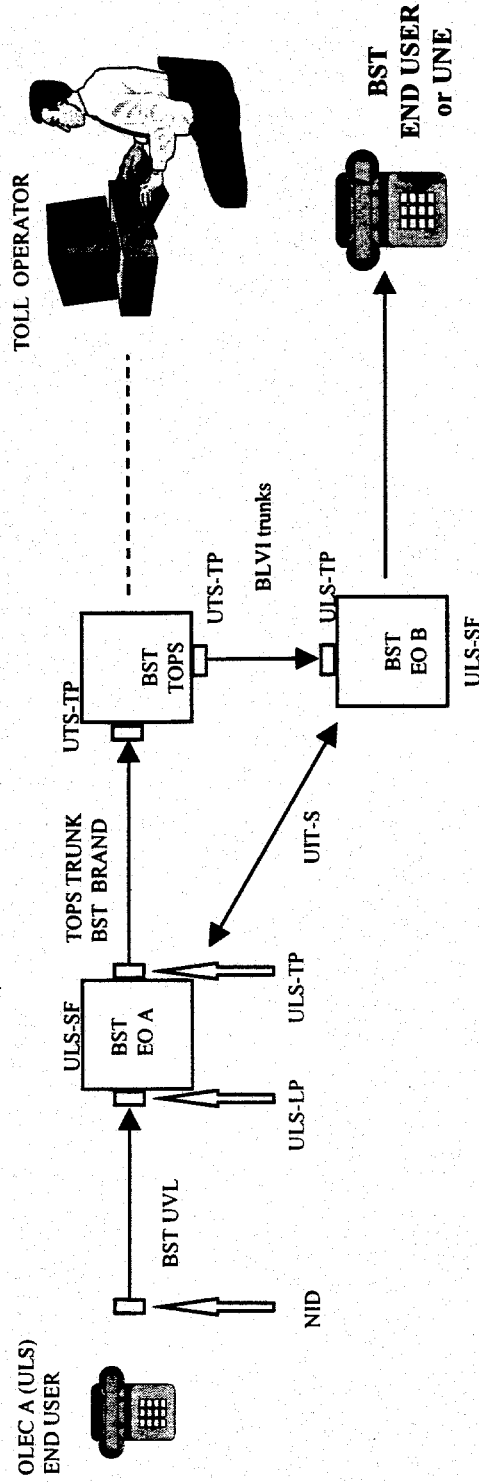
Record Exchange

BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O8. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT

BST BRAND or UNBRANDED



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

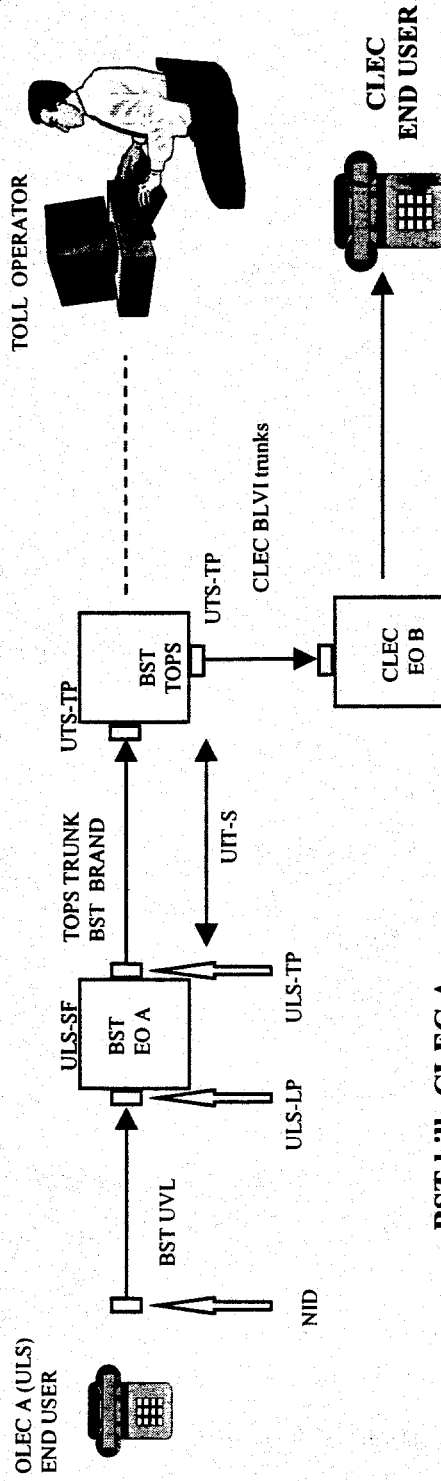
Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS O8A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to CLEC - BST BRAND or UNBRANDED



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

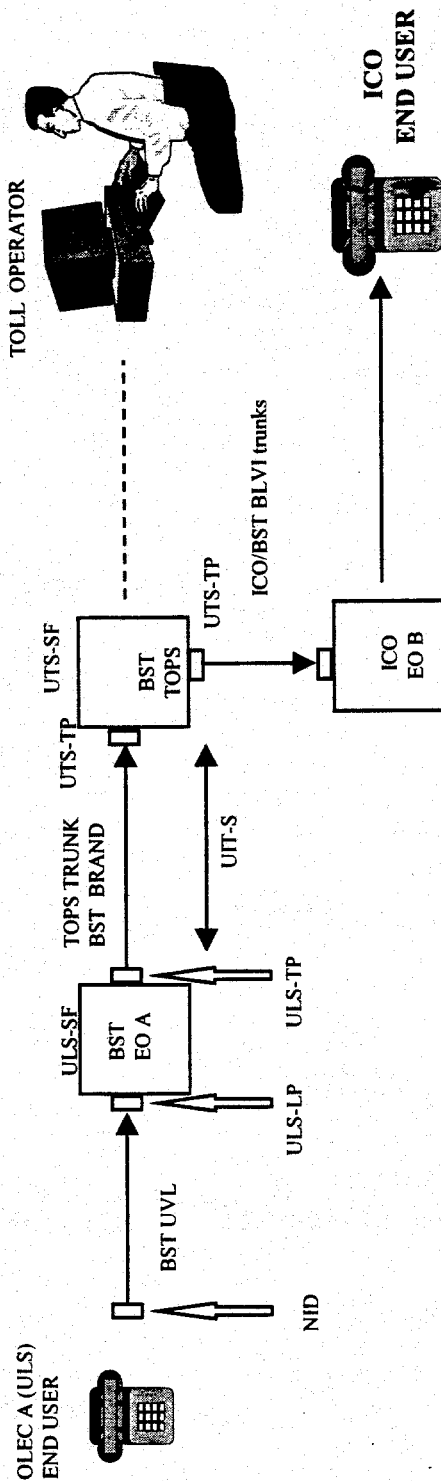
Billing Factors

- NA

Record Exchange

- BellSouth sends CLEC A
- ODUF 10-01-35 (verify only)
- ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS O8B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to ICO - BST BRAND or UNBRANDED



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)
-- 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

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

-- NA

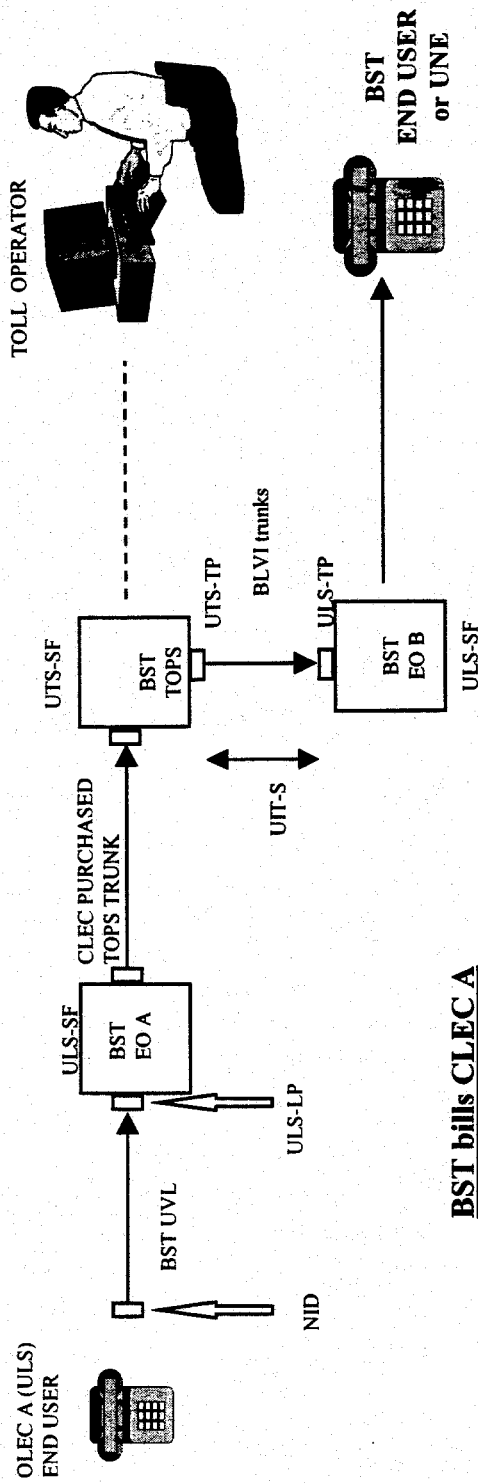
Record Exchange

BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O9. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT

CLEC BRANDED



BST 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)
 - UTS-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 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

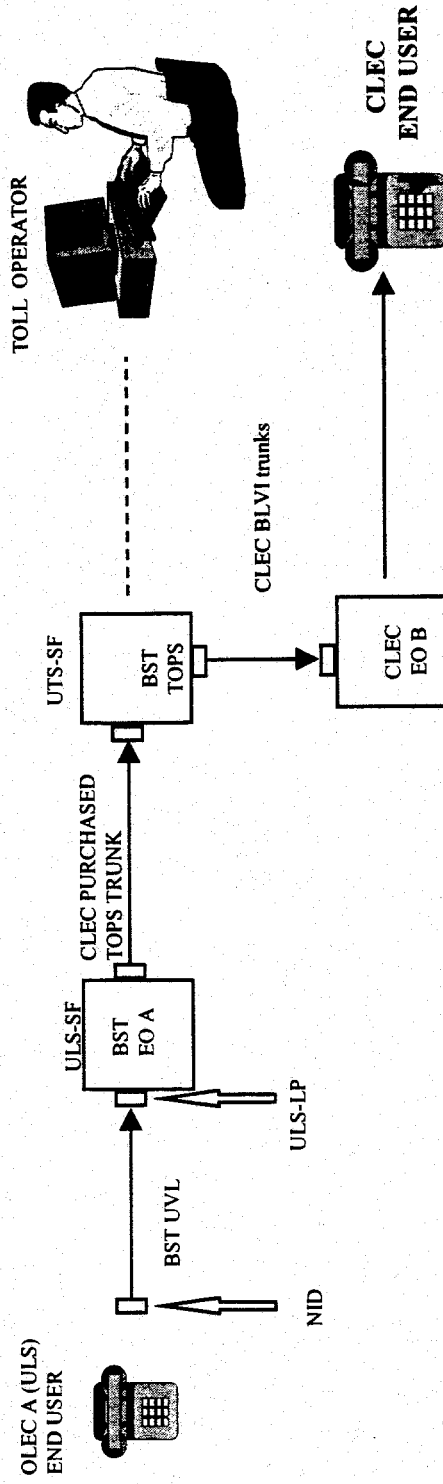
Record Exchange

- BellSouth sends CLEC A
- ODUF 10-01-35 (verify only)
- ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O9A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT

to CLEC - CLEC BRANDED



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)
- 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

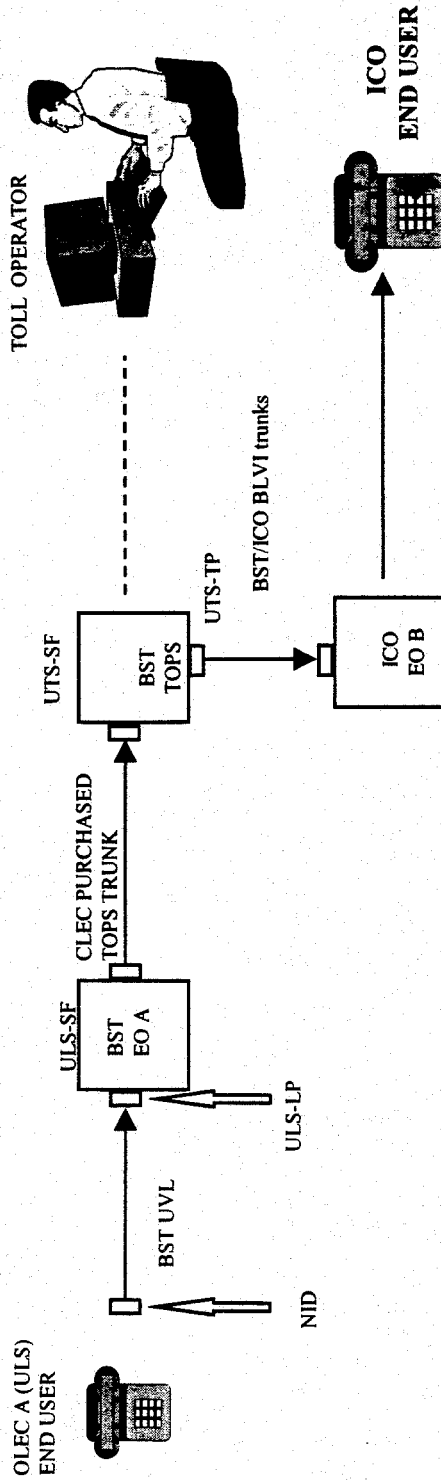
Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
 ODUF 10-01-35 (verify only)
 ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS O9B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to ICO - CLEC BRANDED



BST bills CLEC A

- U/L-S-LP (loop and port monthly)
- 1 U/L-S-Fs (unbundled switching - originating, summarized at originating EO A)

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)

Billing Factors

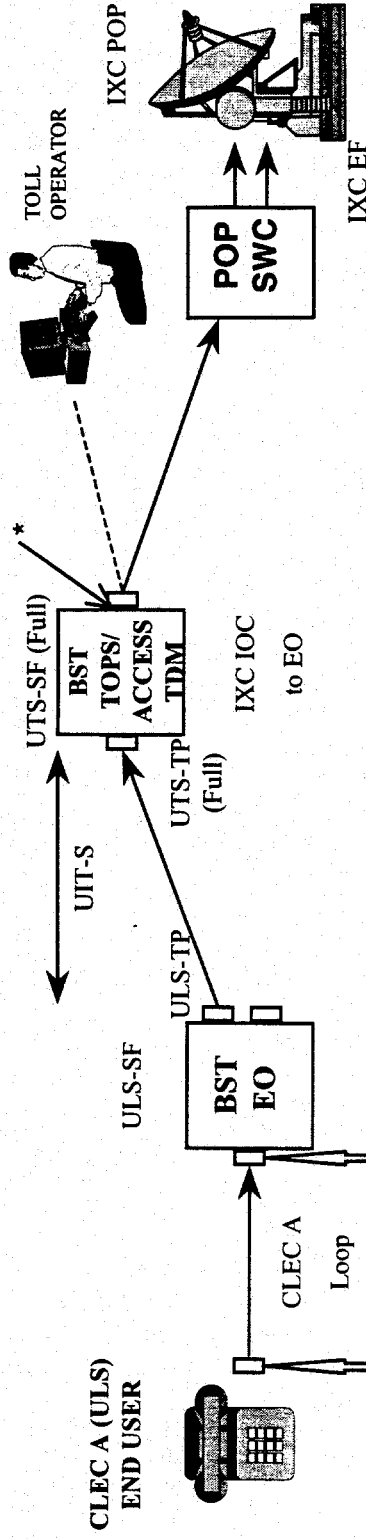
- NA

Record Exchange

- BellSouth sends CLEC A
- ODUF 10-01-35 (verify only)
- ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O9C. OPERATOR TRANSFER SERVICE



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)

Billing Concept

- Access Reform
- Unbundled Network Elements

Usage Recordings

- Call Code 190

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

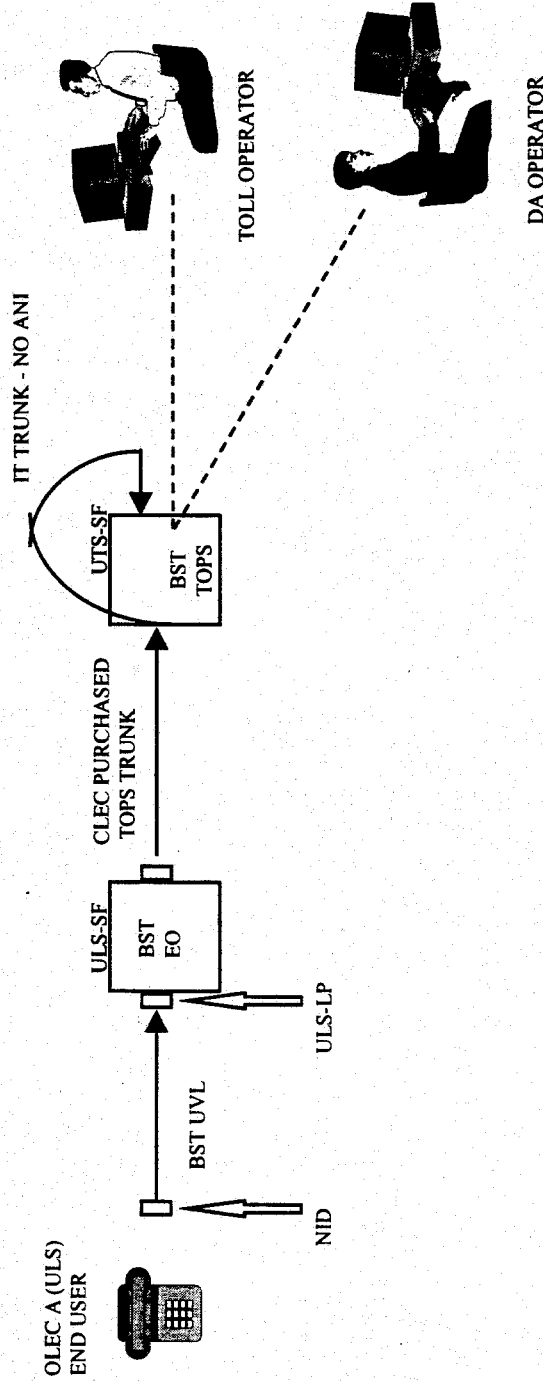
BST bills IXC

- Dedicated Switched Local Channel (Entrance Facility)
- Dedicated Switched Transport (between POP SWC and Access Tandem)
- Operator Transfer Charge

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O10. ZERO PLUS - DIRECTORY ASSISTANCE - CLEC BRAND



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
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

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)
- DA charges/credits (CC 192)

Billing Factors

- NA

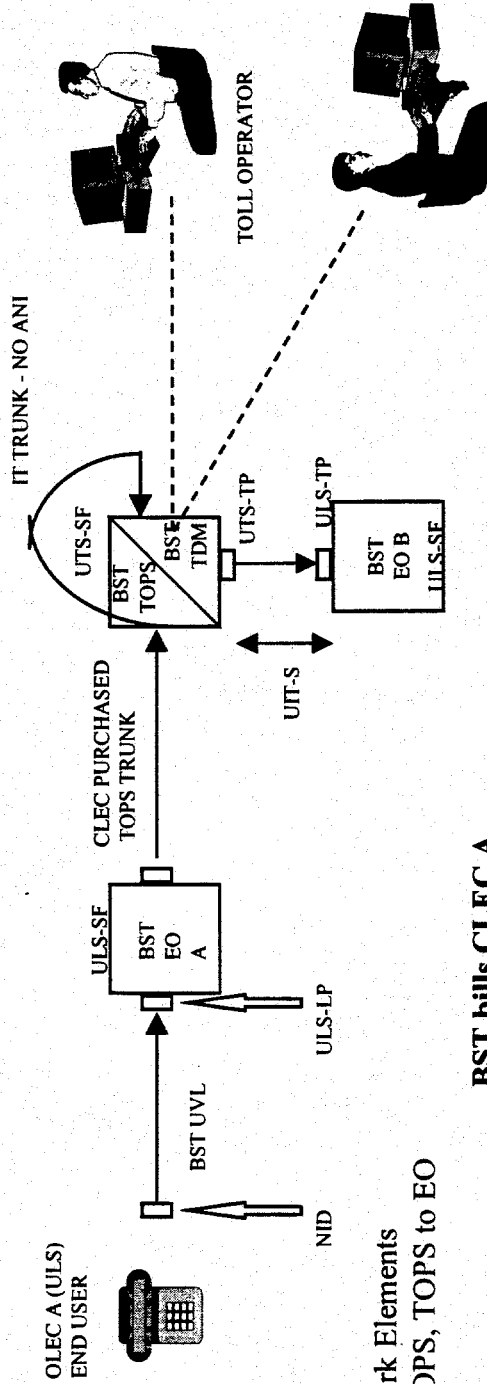
Record Exchange

BellSouth sends CLEC A
ODUF 10-01-32

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O10A. ZERO PLUS - DIRECTORY ASSISTANCE with DACC

- CLEC BRAND



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)
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

BST bills CLEC A

- 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)
 - 1 UTS-TPs (tandem office trunk ports - full) (CC192)
 - DA charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
 ODUF 10-01-32 (DA Record)
 ODUF 10-01-18 (DACC Record)
 ODUF 10-01-01 (completed call)

0+ 411 or Home NPA 555

11/13/01

OLEC A (ULS) END USER

BST UVL

NID

ULS-SF

BST EO A

ULS-LP

CLEC PURCHASED TOPS TRUNK

UTS-SF

BST TOPS

BST TDM

UTS-TP

ULS-TP

CLEC EO B

ULS-SF

IT TRUNK - NO ANI

TOLL OPERATOR

DA OPERATOR

UIT-S

BST bills CLECA

-- ULS-LP (loop and port monthly)

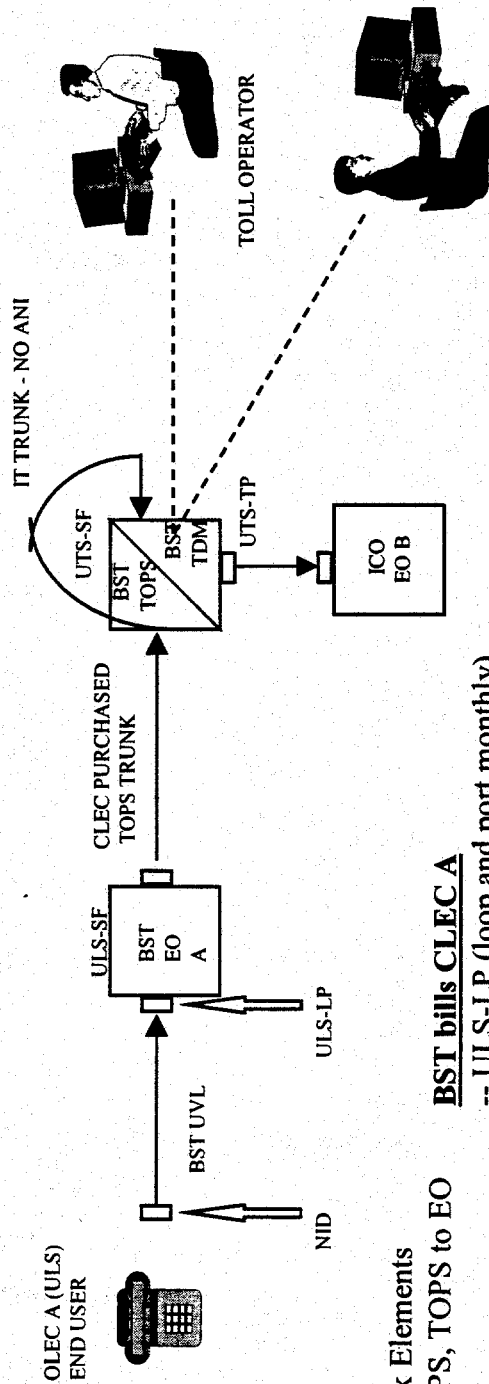
-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A) (CC192/terminating TN

Page 82

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O10AB. ZERO PLUS - DIRECTORY ASSISTANCE with DACC

to ICO - CLEC BRAND



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)
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

BST bills CLEC A

- ULS-LP (loop and port monthly)
 - 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A) (CC192/terminating TN 555-1212 or 411)
 - 1 UTS-SF (unbundled tandem switching)
- Rate elements below based on CC192 with actual terminating TN
- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
 - DA charges/credits (CC 192)

BST/ICO

Local is bill & keep (no settlement)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A

ODUF 10-01-32 (DA Record)

ODUF 10-01-18 (DACC Record)

ODUF 10-01-01 (completed call)

- BST BRAND OR UNBRANDED



Page 84

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

-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded

11/13/01

-- ULS-LP (loop and port monthly)

-- 1 ULS-SFs (unbundled switching - orig, summarized at orig EO A)
 -- 1 ULS-TP (end office trunk port)
 -- UTS (unbundled transport, fixed, mileage calculated from EO A to TOPS)

-- 1 UIT-S (unbundled transport, fixed, mileage calculated to EO B) (CC192)

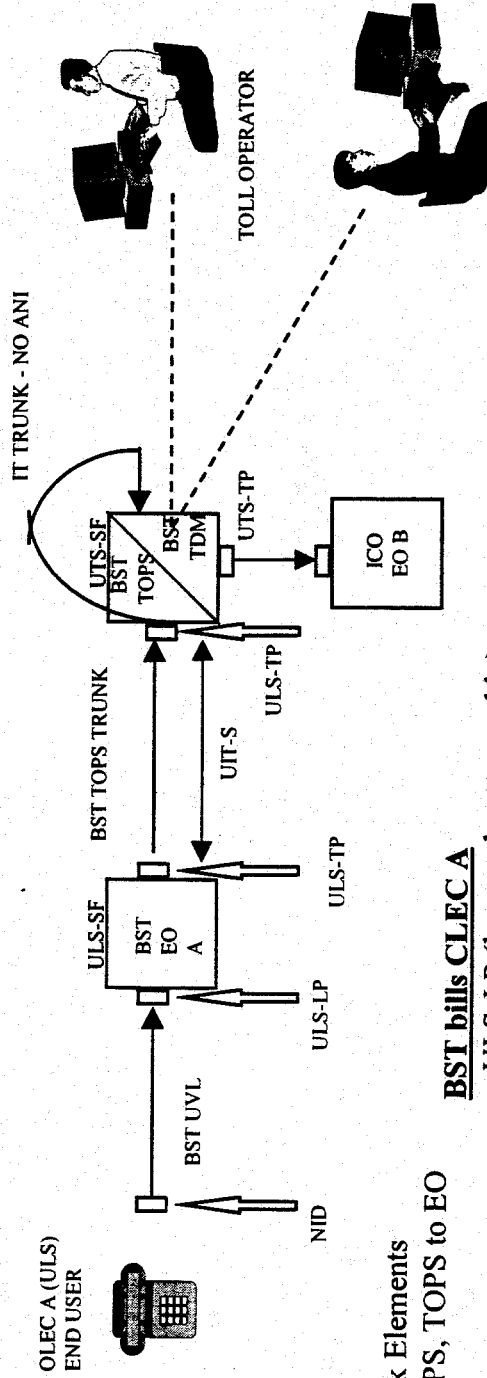
```
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)
```

Page 85

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

O10BB. ZERO PLUS - DIRECTORY ASSISTANCE with DACC to ICO

- BST BRAND OR UNBRANDED



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)
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

BST bills CLEC A

- ULS-LP (loop and port monthly)
- Rate elements for CC192/terminating TN 555-1212 or 411
- 1 ULS-SFs (unbundled switching - orig, summarized at orig EO A)
- 1 ULS-TP (end office trunk port)
- UIT-S (unbundled transport, fixed, mileage calculated from EO A to TOPS)
- 1 UTS-SF (Unbundled full tandem switching)
- 1 UTS-TP (tandem office trunk ports-full)
- Rate elements below based on CC192 with actual term TN
- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
- DA charges/credits (CC 192)

Billing Factors

- NA

Record Exchange

- BellSouth sends CLEC A
- ODUF 10-01-32 (DA Record)
- ODUF 10-01-18 (DACC Record)
- ODUF 10-01-01 (completed call)

BST/ICO

- Local is bill & keep (no settlement)

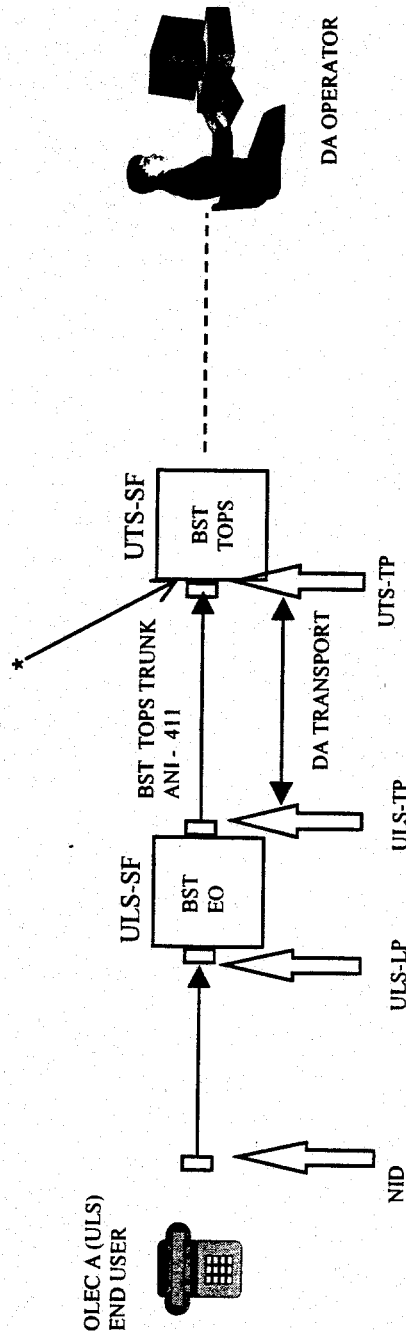
0+ 411 or Home NPA 555

11/13/01

UNE PORT/LOOP SWITCHED COMBINATION 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



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)
 -- Call Code 189 (non-billable)
 -- Call Code 192 (DA charges/credits)

End User dials:

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

11/13/01

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 charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

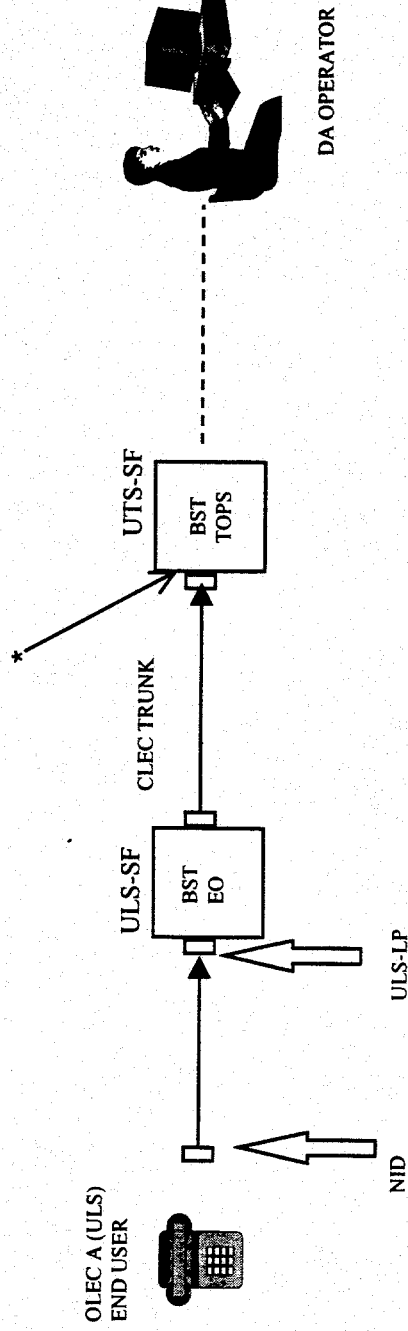
BellSouth sends CLEC A
 ODUF 10-01-32

* indicates demarcation between UNE Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION 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



Billing Concept

-- Unbundled Network Elements

Note: all DA calls are considered local

Usage Recordings

-- Call Code 194 is made at the TOPS

-- Call Code 189 (non-billable)

-- Call Code 192 (DA charges/credits)

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 charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

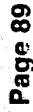
BellSouth sends CLEC A

ODUF 10-01-32

* Indicates demarcation between UNE Network and other Networks

11/13/01

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



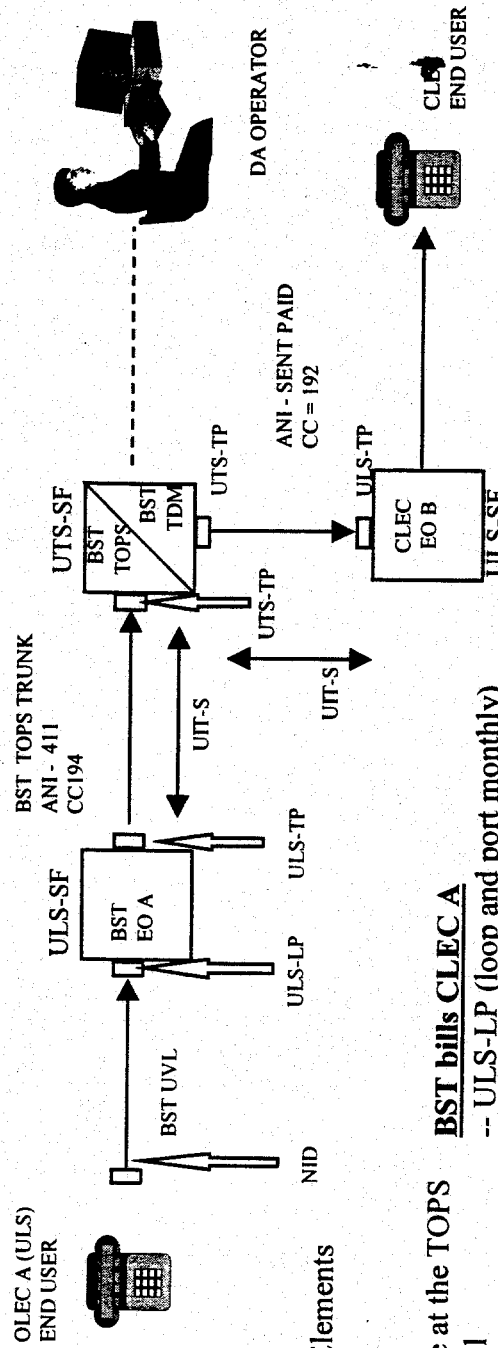
ODUF 10-01-01 (completed call)

UNE PORT/LOOP SWITCHED COMBINATION 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



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.

- Call Code 189 (non-billable)

- Call Code 192 (DA charges/credits)

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

BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating) (CC194)
- 1 ULS-TPs (end office trunk port) (CC194)
- UIT-S (unbundled transport, fixed, mileage calculated from EOA to TOPS) (CC194)
- UTS-SF (unbundled full tandem switching) (CC194)
- 1 UTS-TPs (tandem office trunk ports - full) (CC194)
- 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)
- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
- DA charges/credits (CC 192)

Billing Factors

- NA

Record Exchange

BellSouth sends CLEC A

ODUF 10-01-32 (DA Record)

ODUF 10-01-18 (DACC Record)

ODUF 10-01-01 (completed call)

FB CLEC may bill BST

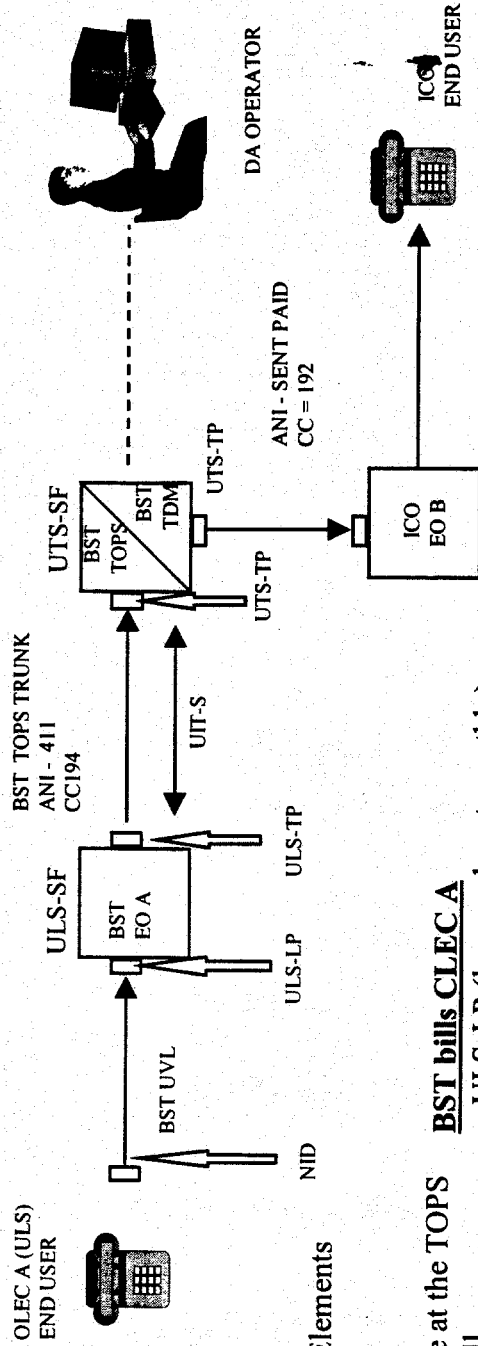
Reciprocal Compensation per agreement

11/13/01

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D3B. DIRECTORY ASSISTANCE With CALL COMPLETION to ICO

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



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.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
charges/credits)
```

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**

## BST bills CLECA

- ```
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- 1 ULS-TPs (end office trunk port) (CC194)
-- UTS-S (unbundled transport, fixed, mileage calculated
    from EOA to TOPS) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)
```

Billing Factors

-NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

BST/ICO

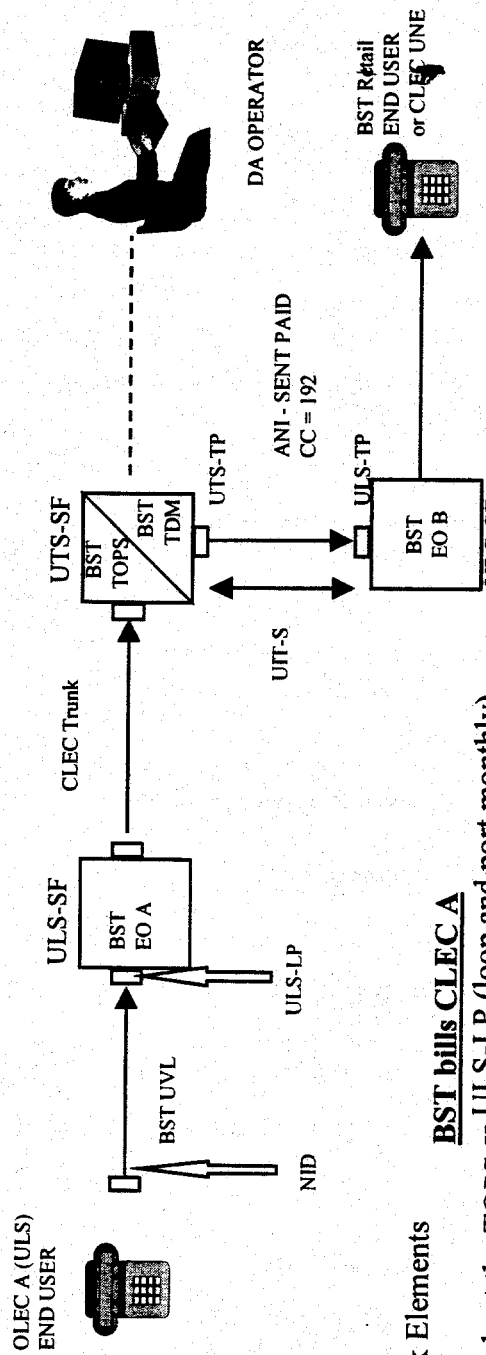
Local is bill & keep (no settlement)

UNE PORT/LOOP SWITCHED COMBINATION 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



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.

-- Call Code 189

-- Call Code 192 (DA

charges/credits)

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

BST bills CLEC A

-- ULS-LP (loop and port monthly)

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

-- UTS-SF (unbundled full tandem switching) (CC194)

-- 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)

-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)

-- DA charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A

ODUF 10-01-32 (DA Record)

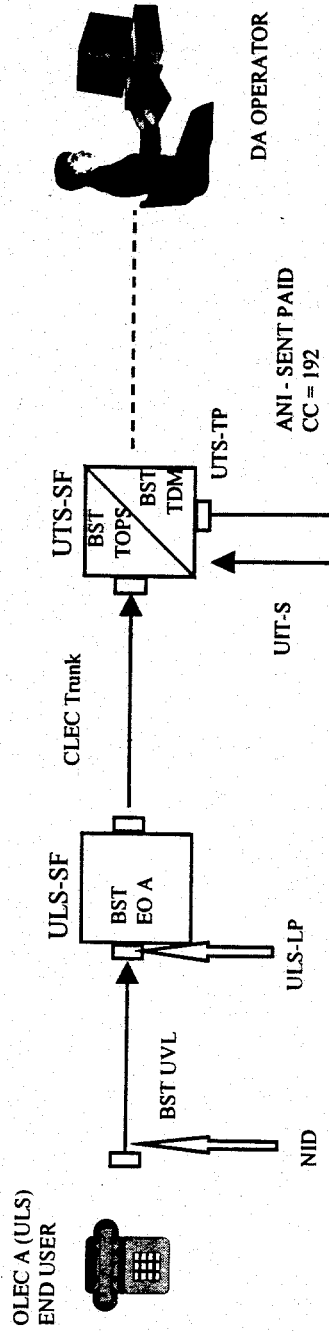
ODUF 10-01-18 (DACC Record)

ODUF 10-01-01 (completed call)

UNE PORT/LOOP SWITCHED COMBINATION 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



Billing Concept

- ## -- Unbundled Network Elements

Usage Recordings

- ```
-- Call Code 194 is made at the TOPS- ULS-LP (loop and port monthly) ULS-SF
TOPS functions like a tandem Assume
CC194 contains operator work time
-- Call Code 192 is made at the TOPS-- 1 ULS-SFs (unbundled switching - originating) (CC194)
Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
charges/credits)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)
```

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**

## Billing Factors

-NA

## Record Exchange

**BellSouth sends CLEC A**  
**ODUF 10-01-32 (DA Record)**  
**ODUF 10-01-18 (DACC Record)**  
**ODUF 10-01-01 (completed call)**

**FB CLEC may bill BST**

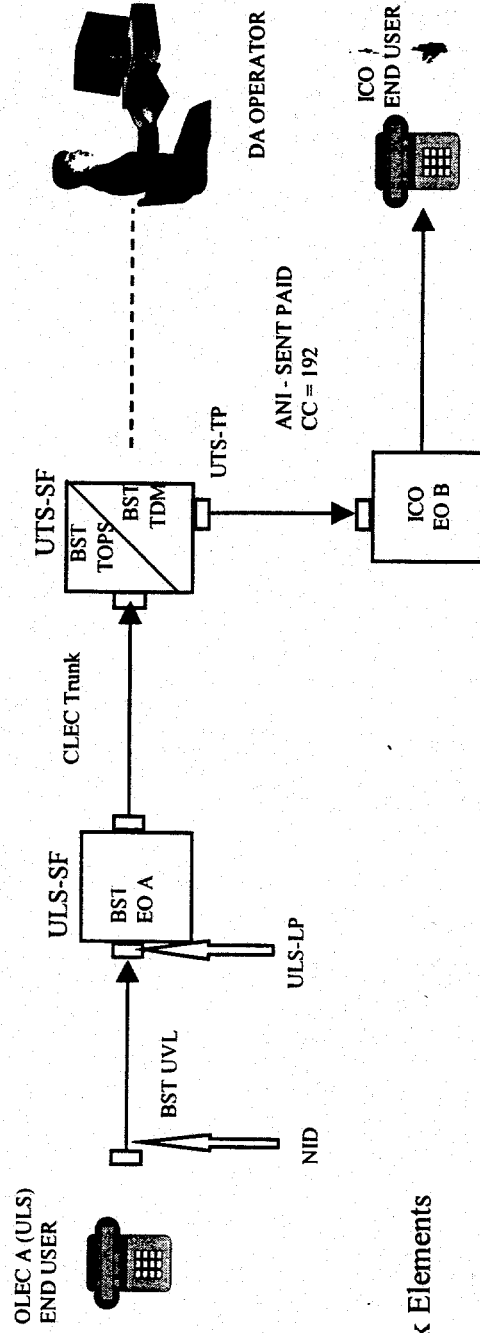
### Reciprocal Compensation per agreement

# UNE PORT/LOOP SWITCHED COMBINATION 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



#### 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.
- Call Code 189 (non-billable)
- Call Code 192 (DA charges/credits)

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

#### BST bills CLEC A

- ULS-LP (loop and port monthly)
- 1 ULS-SFs (unbundled switching - originating) (CC194)
- UTS-SF (unbundled full tandem switching) (CC194)
- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
- DA charges/credits (CC 192)

#### BST/ICO

Local is bill & keep (no settlement)

#### Billing Factors

-- NA

#### Record Exchange

BellSouth sends CLEC A  
ODUF 10-01-32 (DA Record)  
ODUF 10-01-18 (DACC Record)  
ODUF 10-01-01 (completed call)

# **UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS**

## ***Glossary***

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

# PROPOSED UNE BILLING ARRANGEMENTS

## Notes

- Local Toll Exceptions
- Records sent to UNE CLECs that subscribe to ODUF will reflect call types as recorded by the originating switch. Calls that are recorded by the switch as Local, that remain within the originating LATA, and are carried over the BellSouth network will be sent on ODUF as local records. Calls that are recorded by the originating switch as toll, that remain within the LATA, and are carried on the BellSouth network will be sent on ODUF as toll records. There are three unique aspects involved in the reason BellSouth provides the records as the switch records them:
- 1. **Dialing Parity** – All calls can be dialed in parity with BellSouth retail plans. The calls are recorded in the same manner as we do for our retail customers. If the switch records a toll call, ODUF provides the UNE CLEC with a toll record.
- 2. **BellSouth Retail Customers and Resale** – When processing calls recorded by BellSouth switches, BellSouth does not necessarily look at type of call to determine if it should be billed local or toll rates to the end users. The call is processed by verifying the From and To numbers and determining what is allowed in the tariff for the calling plan of the end user. BellSouth bills its retail customers as mandated in the tariffs.
- 3. **CLEC UNE Calling Plans** – BellSouth cannot control how a UNE CLEC bills end users for calls. The UNE CLEC can create its own unique calling plan for local/toll, or mirror the BellSouth calling plans. This is a business decision the UNE CLEC makes, not BellSouth. Therefore, if the UNE CLEC decides to mirror the BellSouth local/toll calling plans, it is up to the UNE CLEC to develop all the systems necessary to process and bill the ODUF calls, as does BellSouth.
- In summary, BellSouth must bill retail customers and Resale CLECs according to the calling plan chosen by the end user, and as mandated in the tariffs. UNE CLECs have the flexibility of creating their own unique calling plans or mirroring the BellSouth calling plans. Therefore, BellSouth provides the UNE CLECs with call data, strictly as it is recorded within the BellSouth switches.