

Unbundled Call Scenarios

Verizon South

Updated: 05/06/2002

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

The following diagrams represent a series of Verizon South call scenarios involving end users whose local service is provided by a UNE CLEC. Each diagram indicates a) who owns the call (Verizon, IXC or CLEC), b) which UNE CLEC (if any) receives the DUF (Daily Usage File) record, and c) what unbundled usage rate elements (if any) Verizon bills, and to which UNE CLEC. The tables below provide a key to the labels found in the diagrams.

End User Labels

VZSEU = Verizon South End User
 AEU = CLEC A End User
 BEU = CLEC B End User

Switch Entity/Element Labels

VZSEOS = Verizon South End Office Switch
 VZSTS = Verizon South Tandem Switch
 VZSTT = Verizon South TOPS Tandem
 TOPS = Traffic Operator Position System
 CLAS = CLEC A owned Switch
 CLBS = CLEC B owned Switch
 CLATOPS = CLEC A owned TOPS
 VZSLP = Verizon South Line Port
 ALP = CLEC A Line Port
 BLP = CLEC B Line Port
 STP = Shared Trunk Port
 ATP = CLEC A Dedicated Trunk Port
 S/ATP = Shared or Dedicated Trunk Port
 BTP = CLEC B Dedicated Trunk Port
 IXC POP = Interexchange Carrier POP

Unbundled Usage Charge Labels

ULSO = Unbundled Local Switching Charge - Originating - per MOU	CRIS
ULST = Unbundled Local Switching Charge - Terminating - per MOU	CRIS
UTS = Unbundled Tandem Switching Charge - per MOU	CABS
UCTF = Unbundled Common Transport Charge - Fixed - per MOU	CABS
UCTPM = Unbundled Common Transport Charge - per Mile per MOU	CABS
DAC = DA Call Charge - per Call	CABS
DATTF = DA Tandem Switched Transport Charge - Fixed - per Call	CABS
DATTPM = DA Tandem Switched Transport Charge - per Mile per Call	CABS
DATS = DA Tandem Switching Charge - per Call	CABS
DACCS = DA Call Completion Surcharge - per DA Call Completion	CABS
CRPC = Customized Routing Charge - per Call	CRIS
OSL = Operator Services Charge - Live - per Call or per OWS (Operator Work Second)*	CABS
OSA = Operator Services Charge - Automated - per Call	CABS
CCLVR = Carrier to Carrier LSV/CI Request Charge - per Call or per OWS *	CABS
8DIB = 800/888 Database Interconnection Charge - Basic - per Query	CRIS
LVCC = LIDB Validation Charge - Calling Card - per Query	CABS
LVBNS = LIDB Validation Charge - Billed Number Screening - per Query	CABS
OACR = Operator Applied Credit - per Event	CRIS

* Note: All UNE usage rate elements currently billed per OWS are in the process of being converted to per Call. However, per OWS versions will be grandfathered for any UNE CLECs who request them.

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

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Direct Dialed IntraLATA

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

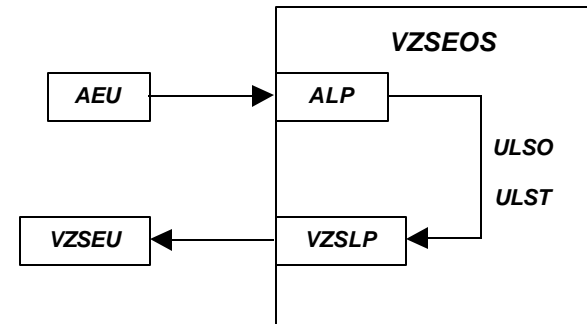
A-1

DIRECT DIALED INTRALATA

Local Intra-Switch Call
From UNE CLEC A End User
To Verizon South End User

In this scenario UNE CLEC A owns call *,
receives DUF record and is billed ULST and
ULST.

* Note: Ownership of an unbundled call belongs
to the carrier that sets the end user's retail billing
rate for that particular call. The owner of the call
may or may not bill the end user directly.



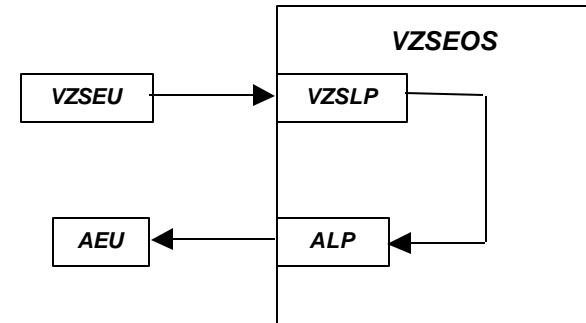
UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-2

DIRECT DIALED INTRALATA

Local Intra-Switch Call
From Verizon South End User
To UNE CLEC A End User

In this scenario Verizon South owns call, no DUF record is generated and no unbundled usage charges are billed.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

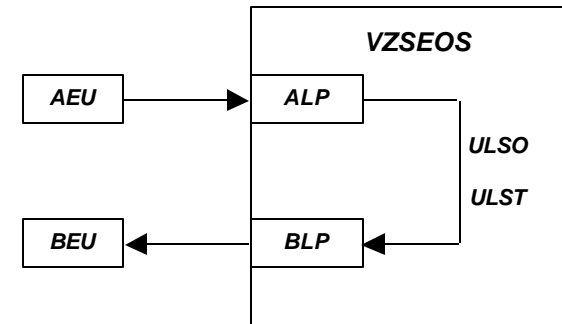
A-3

DIRECT DIALED INTRALATA

Local Intra-Switch Call
From UNE CLEC A End User
To UNE CLEC B End User

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO and ULST.

No unbundled usage charges are billed to UNE CLEC B.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-4

DIRECT DIALED INTRALATA

Local Inter-Switch Call

From UNE CLEC A End User

To Verizon South End User

Shared Trunk Port

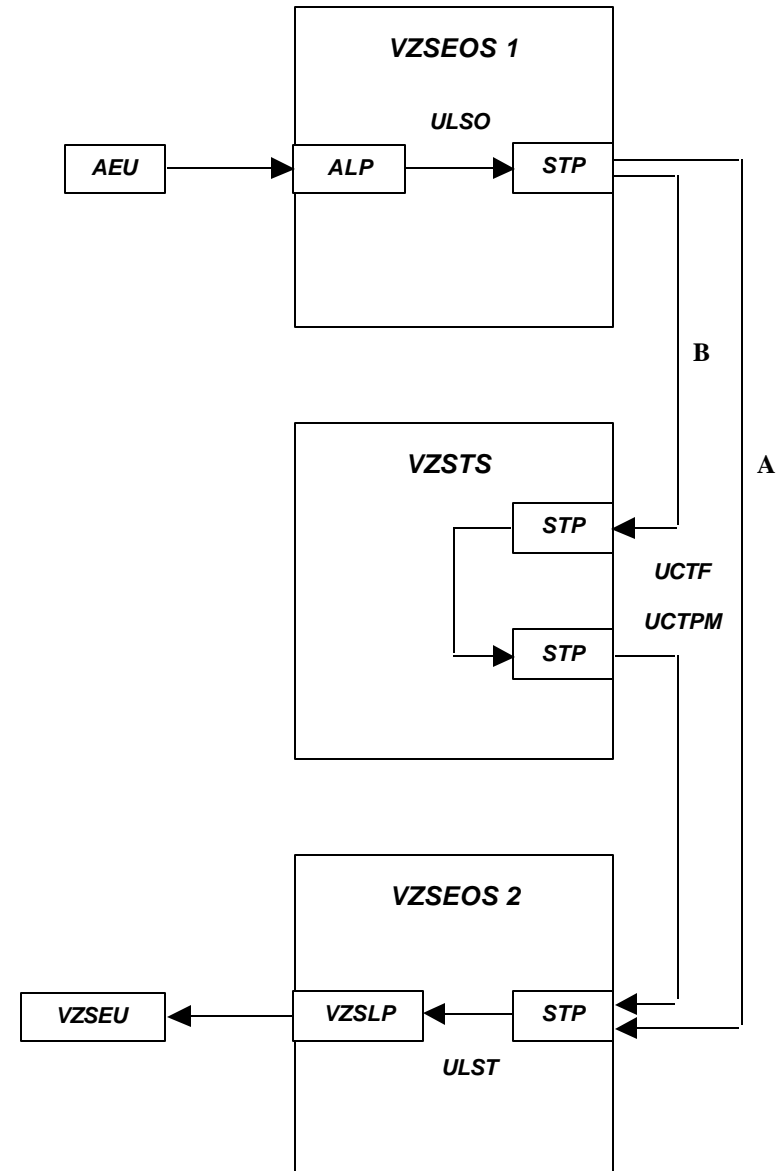
Call Routed Direct (A) or via Tandem (B)

To Verizon South Terminating Switch

In both A and B versions of this scenario UNE CLEC A owns call, receives DUF record, and is billed ULST, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

UTS is not billed in version B of this scenario, because Verizon-South cannot determine routing method on a per call basis. This applies to all UNE direct dialed intraLATA calls routed via shared trunk port in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-5

DIRECT DIALED INTRALATA

IntraLATA Toll Call

From UNE CLEC A End User

To Verizon South End User

Shared Trunk Port

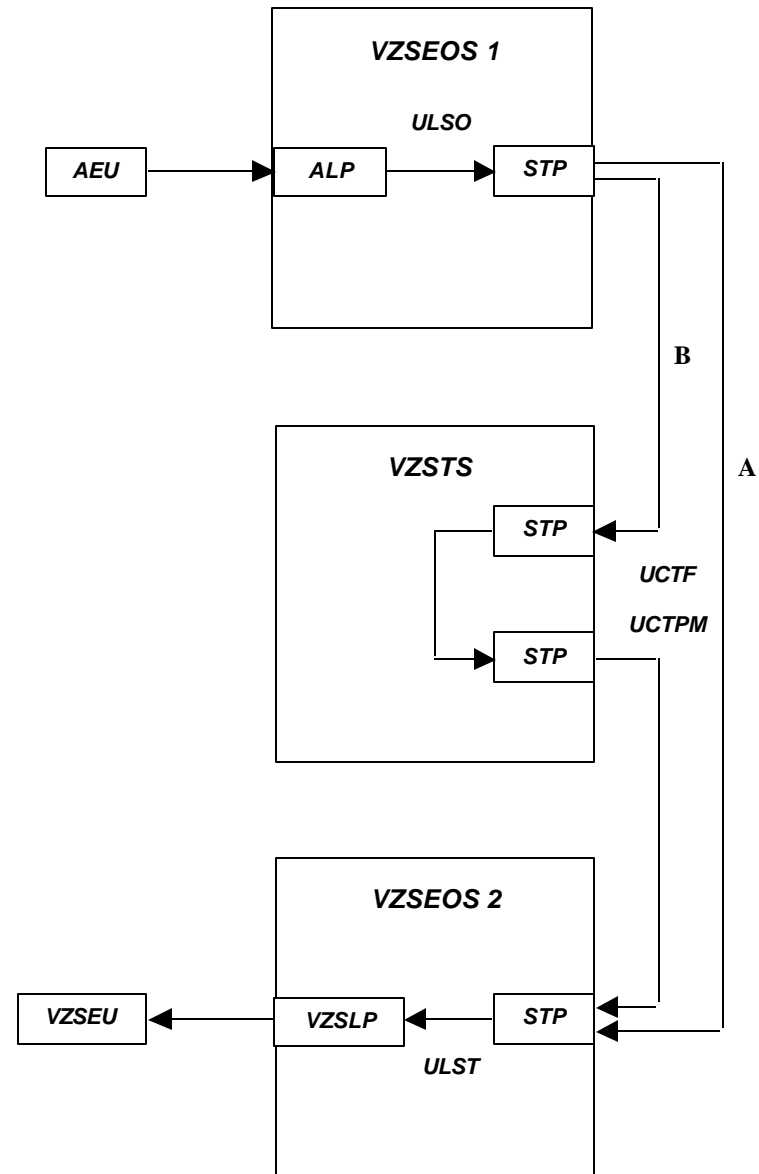
Call Routed Direct (A) or via Tandem (B)

To Verizon South Terminating Switch

In both A and B versions of this scenario UNE CLEC A owns call, receives DUF record, and is billed ULST, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

This scenario only occurs if Verizon South is designated as LPIC for the originating line. If a carrier other than Verizon South is designated as LPIC, all intraLATA toll calls will be covered under Unbundled Originating Access. (See section B). If no LPIC is designated, the end user cannot make this call except by casual dialing (1010XXX) to an IXC, and such a call is also covered under Unbundled Originating Access. This applies to all UNE direct dialed intraLATA toll calls in Verizon South.

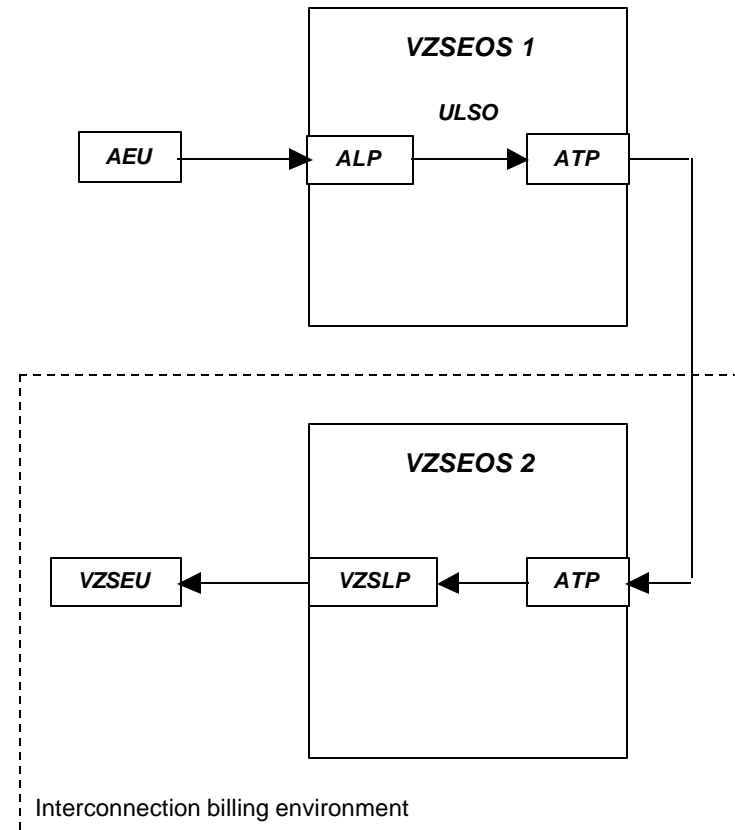


DIRECT DIALED INTRALATA

Local Inter-Switch or IntraLATA Toll Call
From UNE CLEC A End User
To Verizon South End User
Dedicated Trunk Port
Call Custom Routed
To Verizon South Terminating Switch

In this scenario UNE CLEC A owns call, receives DUF record, and is billed ULSO.

Because call leaves originating switch via dedicated trunk port, all segments of call beyond originating switch are billed in Interconnection billing environment (meet point A) and not on UNE bill. In this case Interconnection billing is based on terminating call record. This applies to all UNE direct dialed intraLATA calls routed via dedicated trunk port in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-7

DIRECT DIALED INTRALATA

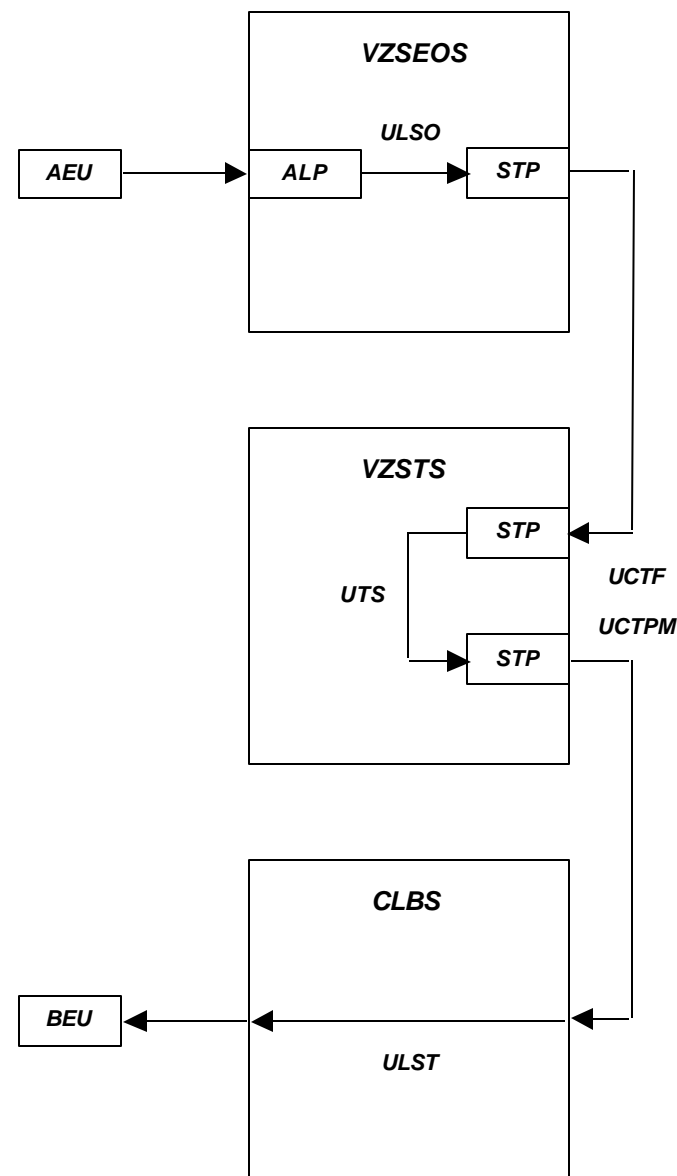
Local or IntraLATA Toll Call
From UNE CLEC A End User
To CLEC B End User served by CLEC B switch
Shared Trunk Port
Call Routed via Tandem *
To CLEC B Terminating Switch

In this scenario UNE CLEC A owns call, receives DUF record, and is billed ULST, UCTF, UCTPM, UTS and ULST.

Mileage for UCTPM is from VZSEOS to CLBS.

Facilities based CLEC B will bill Verizon South a Reciprocal Compensation charge for such calls delivered by Verizon South, and Verizon South will bill UNE CLEC A ULST. This applies to all UNE direct dialed calls terminating in a CLEC switch in Verizon South.

* Note: Currently all calls originating in a Verizon-South switch and terminating in a facilities based CLEC switch are tandem routed. There is no direct routed version of this scenario in Verizon-South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

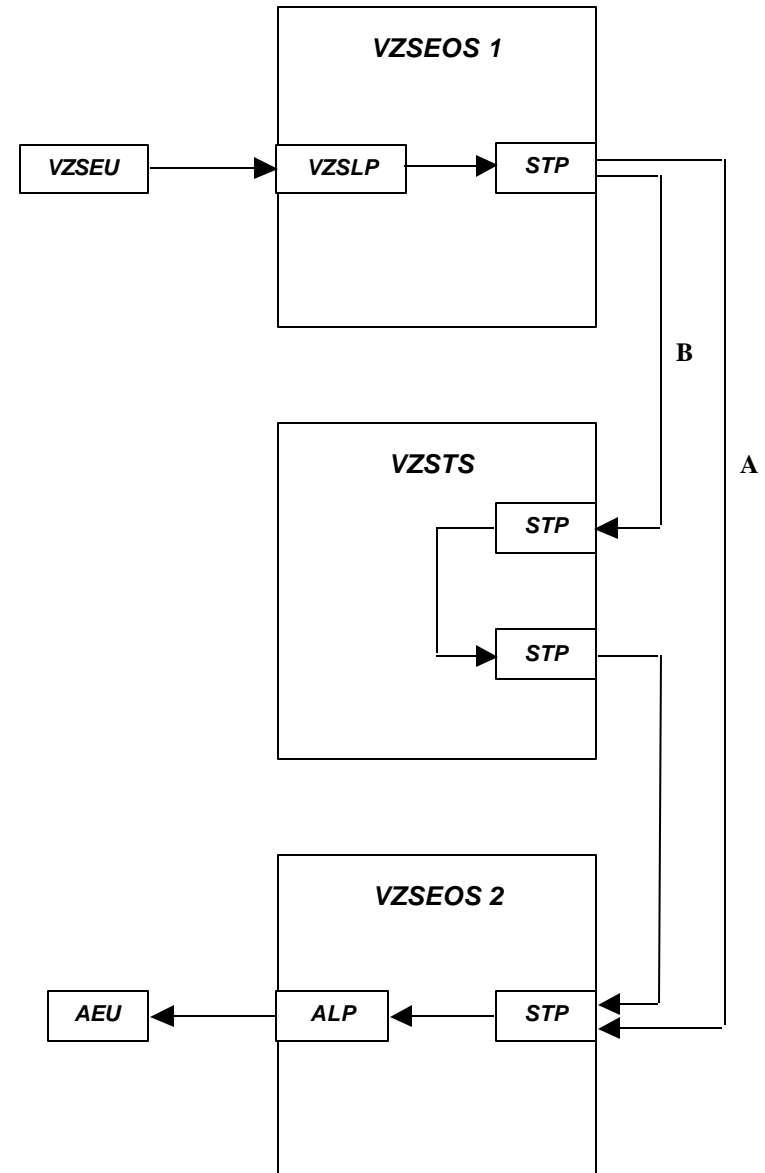
A-8

DIRECT DIALED INTRALATA

Local Inter-Switch or IntraLATA Toll Call
From Verizon South End User
To UNE CLEC A End User
Shared Trunk Port
Call Routed Direct (A) or via Tandem (B)
To Verizon South Terminating Switch

In both A and B versions of this scenario Verizon South owns call, no DUF record is generated and no unbundled usage charges are billed.

UNE CLEC A is not entitled to any usage sensitive compensation.



Originating Access

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

B-1

ORIGINATING ACCESS

IntraLATA Access Call

From UNE CLEC A End User

Shared Trunk Port

Call Direct Routed to IXC POP (Point Of Presence)

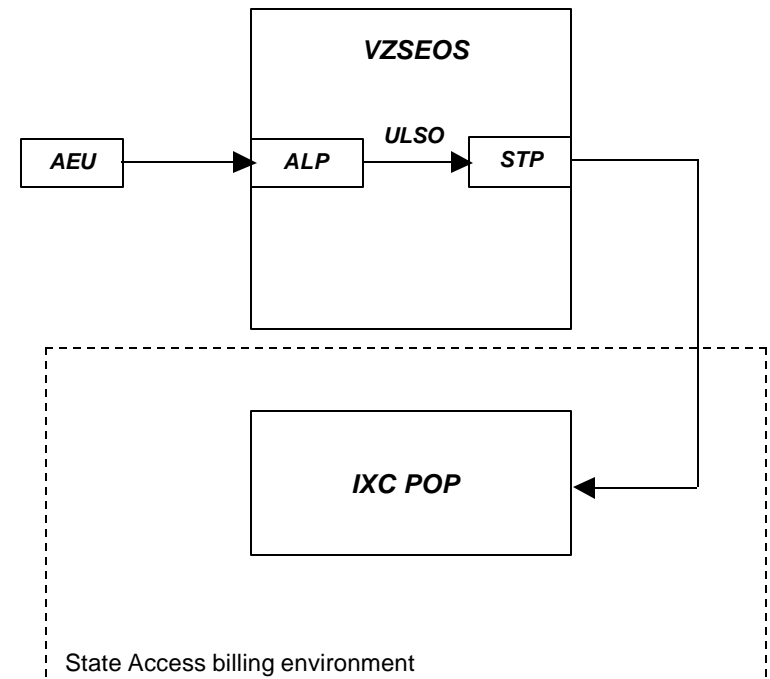
In this scenario IXC owns call, UNE CLEC A receives DUF record and is billed ULSO.

Call transport is billed in the access billing environment. This applies to all direct routed UNE originating access calls routed via shared trunk port in Verizon South.

This scenario includes LPIC to carriers other than Verizon South, casual dialed (101xxxx), certain 800/888 calls, DA (Directory Assistance) access calls and OS (Operator Services) access calls. It does not include access calls handled by a Verizon operator. (See Operator Services - Live).

A call defined in this scenario could terminate to another Verizon South UNE CLEC end user, which would generate a separate DUF record covered under Terminating Access.

Originating access calls that reach the IXC POP but are not completed to the terminating end user (e.g., busy line) are included in this scenario. This applies to all UNE originating access call scenarios in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

B-2

ORIGINATING ACCESS

IntraLATA Access Call
From UNE CLEC A End User
Shared Trunk Port
Call Tandem Routed to IXC POP

In this scenario IXC owns call, UNE CLEC A receives DUF record and is billed ULSO, UCTF, UCTPM and UTS.

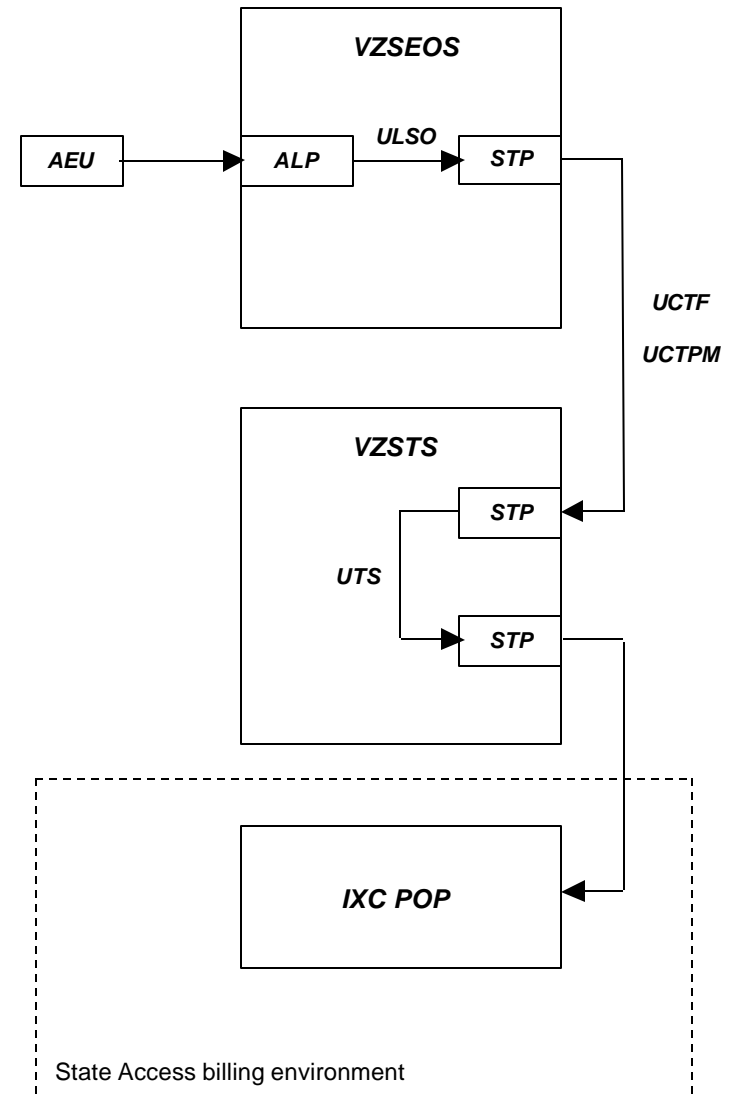
Mileage for UCTPM is from VZSEOS to VZSTS. *

Call transport from VZSTS to IXC POP is billed in the access billing environment. This applies to all tandem routed UNE originating access calls routed via shared trunk port in Verizon South.

This scenario includes LPIC to carriers other than Verizon South, casual dialed, certain 800/888 calls, DA access calls and OS access calls. **It does not include access calls handled by a Verizon operator. (See Operator Services - Live).**

A call defined in this scenario could terminate to another Verizon South UNE CLEC end user, which would generate a separate DUF record covered under Terminating Access.

*** Note:** Due to current system limitations, UCTPM in all tandem routed UNE originating access calls will be billed using a 0 mileage factor.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

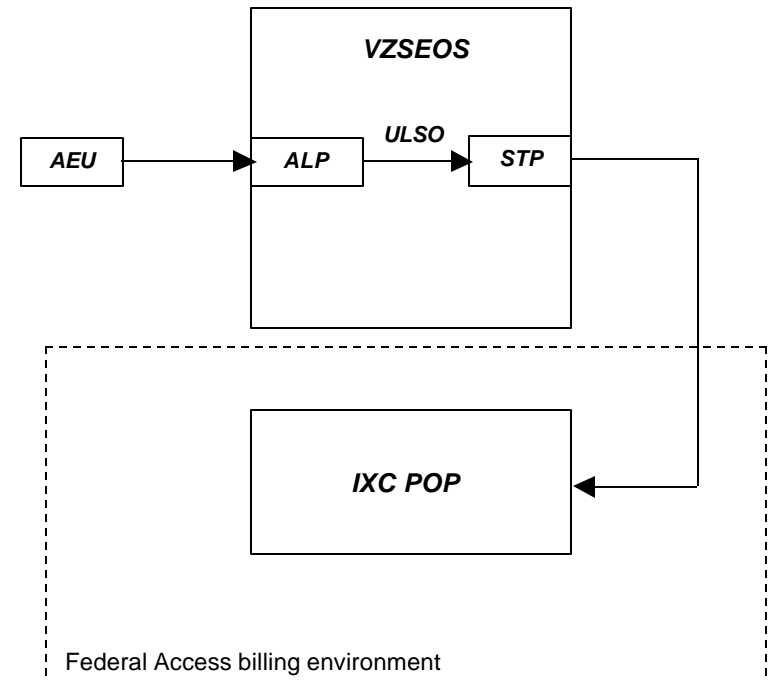
B-3

ORIGINATING ACCESS

InterLATA Access Call
From UNE CLEC A End User
Shared Trunk Port
Call Direct Routed to IXC POP

In this scenario IXC owns call. UNE CLEC A receives DUF record and is billed ULSO.

This scenario includes InterLATA, Interstate and International calls, casual dialed, 800/888 and 900 access calls, DA access calls and OS access calls. It does not include access calls handled by a Verizon operator. (See Operator Services - Live).



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

B-4

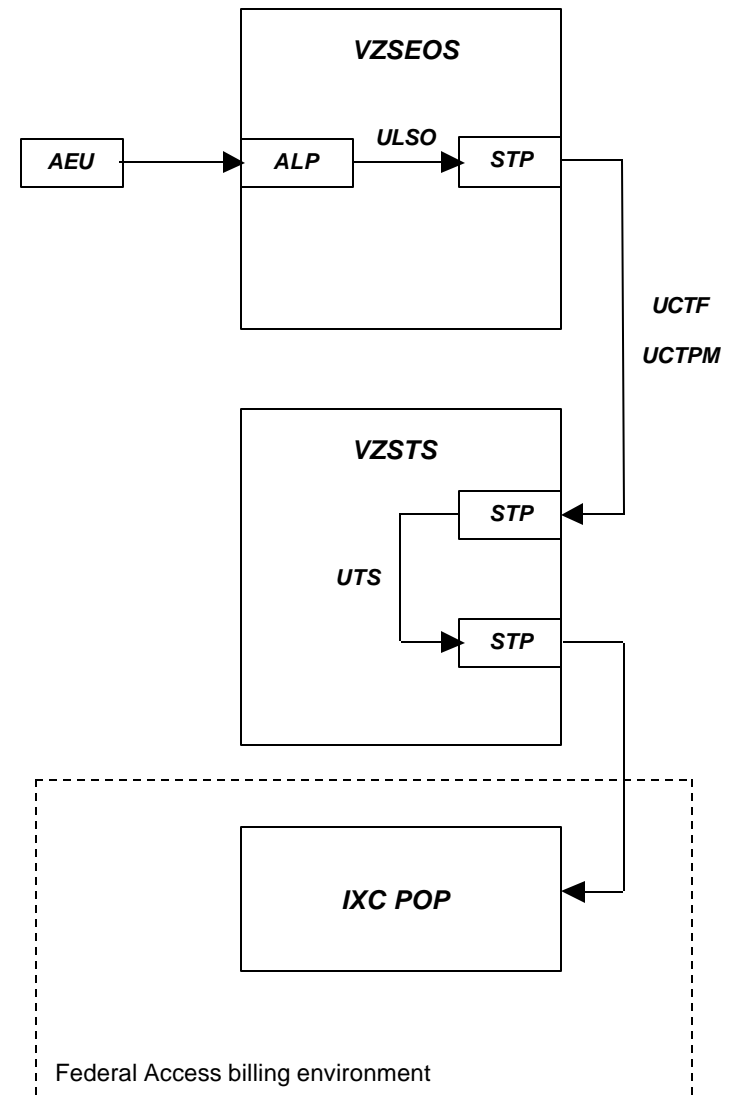
ORIGINATING ACCESS

InterLATA Access Call
From UNE CLEC A End User
Shared Trunk Port
Call Tandem Routed to IXC POP

In this scenario IXC owns call. UNE CLEC A receives DUF record and is billed ULSO, UCTF, UCTPM and UTS.

Mileage for UCTPM is from VZSEOS to VZSTS.

This scenario includes InterLATA, Interstate and International calls, casual dialed, 800/888 and 900 access calls, DA access calls and OS access calls. It does not include access calls handled by a Verizon operator. (See Operator Services - Live).



Terminating Access

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

C-1

TERMINATING ACCESS

Terminating Access Call

From IXC POP

To UNE CLEC A End User

Call Direct Routed to Verizon South Terminating Switch

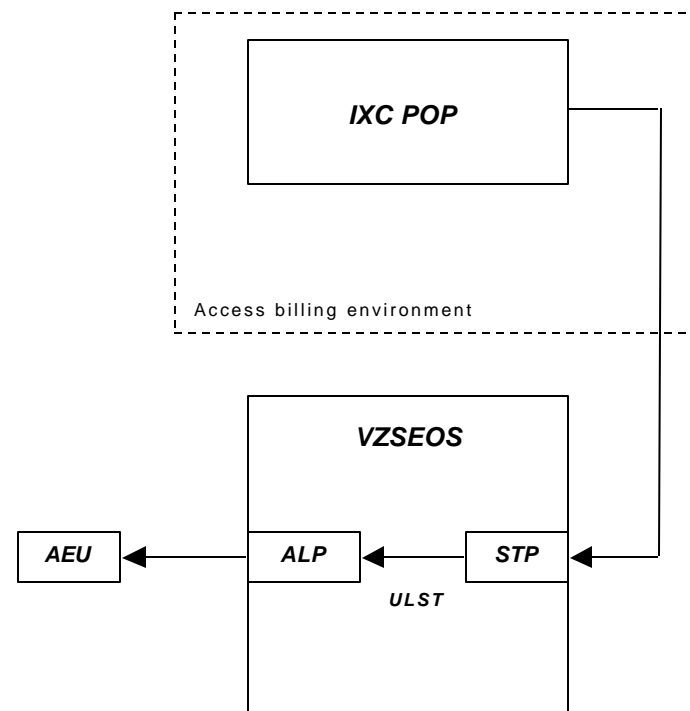
Shared Trunk Port in Terminating Switch

In this scenario IXC owns call. UNE CLEC A receives DUF record and is billed ULST.

Call transport is billed in the access billing environment.

This scenario covers all calls terminating to a UNE CLEC end user and direct routed from an IXC POP, including LPIC intraLATA toll calls originating from another Verizon South UNE CLEC end user. (See Originating Access).

If an unbundled terminating access call enters the Verizon-South network but is not completed to the end user (e.g., busy line), no DUF record is generated and no unbundled usage charges are billed. This applies to all terminating access call scenarios.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

C-2

TERMINATING ACCESS

Terminating Access Call

From IXC POP

To UNE CLEC A End User

Call Tandem Routed to Verizon South Terminating Switch

Shared Trunk Port in Tandem and Terminating Switch

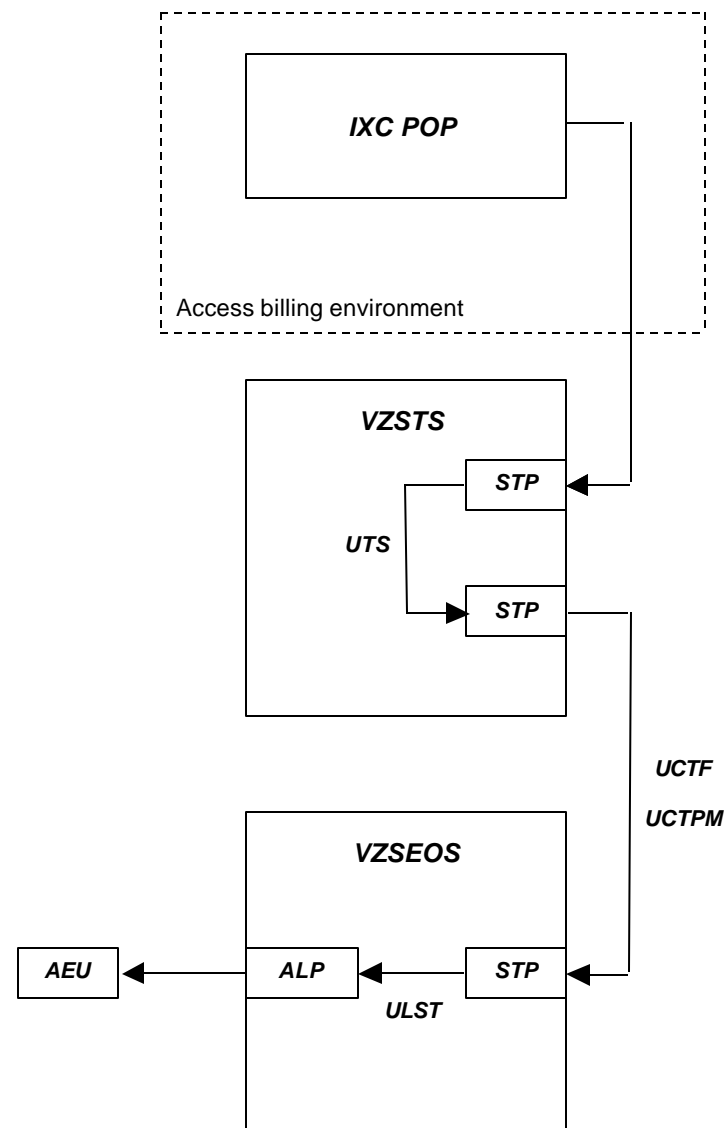
In this scenario IXC owns call. UNE CLEC A receives DUF record and is billed UTS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTS to VZSEOS. *

Call transport from IXC POP to VZSTS is billed in the access billing environment.

This scenario covers all calls terminating to a UNE CLEC end user and tandem routed from an IXC POP, including LPIC intraLATA toll calls originating from another Verizon South UNE CLEC end user. (See Originating Access).

* Note: Due to current system limitations, UCTPM in all tandem routed UNE terminating access calls will be billed using a 0 mileage factor.



TERMINATING ACCESS

Terminating Access Call

From CLEC A End User served by CLEC A switch

To UNE CLEC B End User

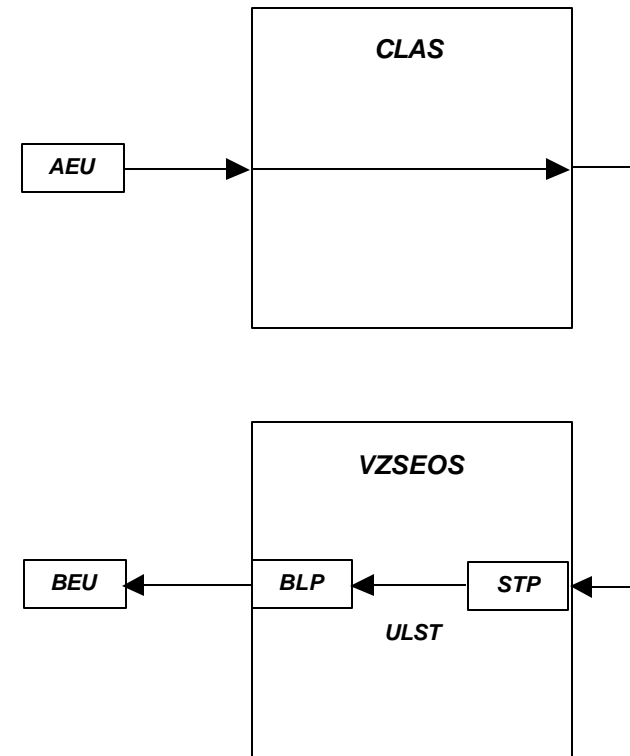
Call Direct Routed to Verizon South Terminating Switch

Shared Trunk Port in Terminating Switch

In this scenario facilities based CLEC A owns call. UNE CLEC B receives DUF record and is billed ULST.

This call generates a terminating access record, but the originating carrier is identified in the DUF record as an FBC (Facilities Based CLEC) and not an IXC. This enables UNE CLEC B to charge the proper party.

This scenario includes direct routed intraLATA 800/888 calls originating in a CLEC switch, when the CLEC performs the 800 query dip.



TERMINATING ACCESS

Terminating Access Call

From CLEC A End User served by CLEC A switch

To UNE CLEC B End User

Call Tandem Routed to Verizon South Terminating Switch

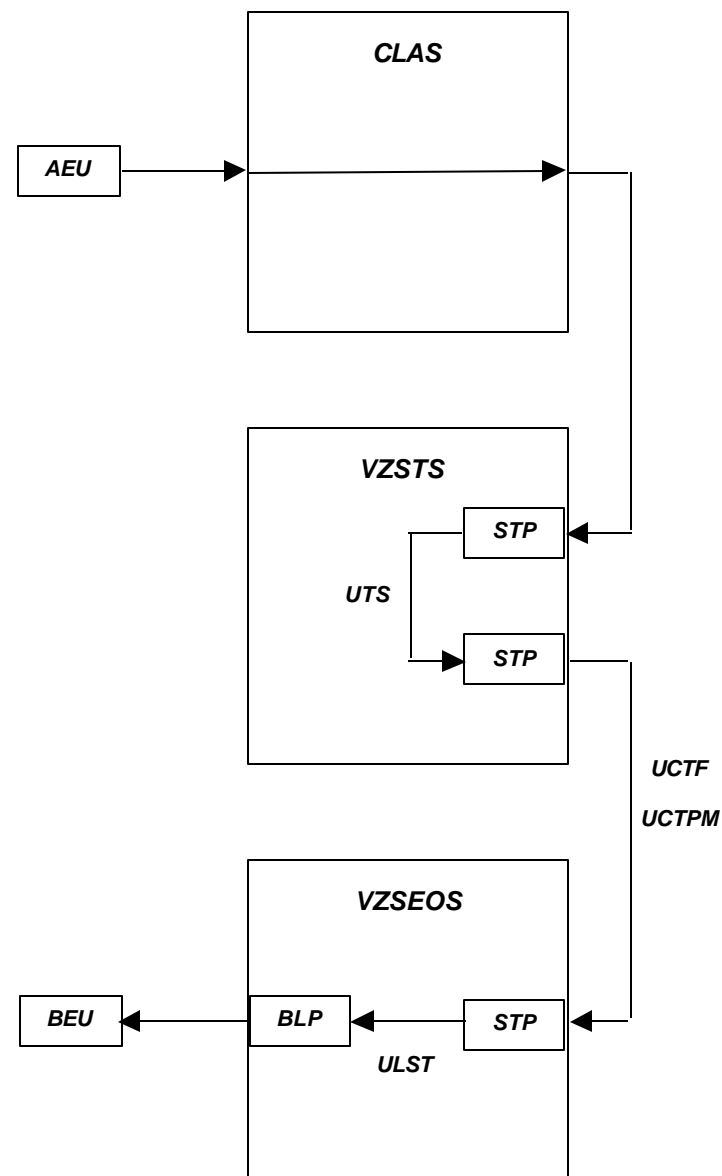
Shared Trunk Port in Tandem and Terminating Switch

In this scenario facilities based CLEC A owns call. UNE CLEC B receives DUF record and is billed UTS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTS to VZSEOS.

This call generates a terminating access record, and the DUF record identifies the originating FBC.

This scenario includes tandem routed intraLATA 800/888 calls originating in a CLEC switch, when the CLEC performs the 800 query dip.



Toll Free Service (800/888)

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

D-1

TOLL FREE SERVICE (800/888)

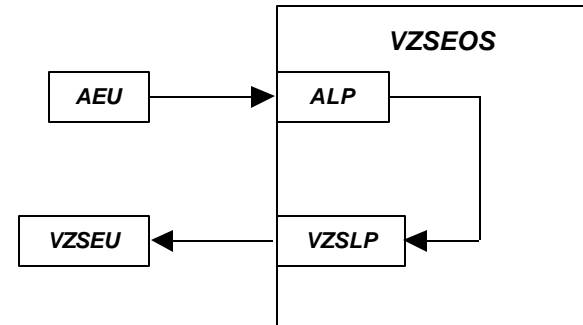
Toll Free Local Intra-Switch Call

From UNE CLEC A End User

To Verizon South End User & Toll Free Service Subscriber

In this scenario toll free service provider * owns call, no DUF record is generated and no unbundled usage charges are billed.

*** Note: 800/888 calls are retail billed to the terminating end user and therefore owned by the terminating toll free service provider.**



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

D-2

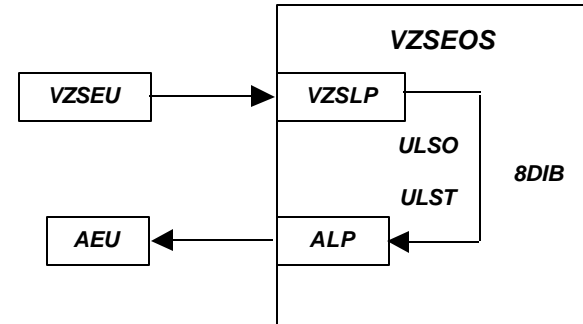
TOLL FREE SERVICE (800/888)

Toll Free Local Intra-Switch Call

From Verizon South End User

To UNE CLEC A End User & Toll Free Service Subscriber

In this scenario toll free service provider owns call. UNE CLEC A receives DUF record and is billed ULST, ULST and 8DIB.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

D-3

TOLL FREE SERVICE (800/888)

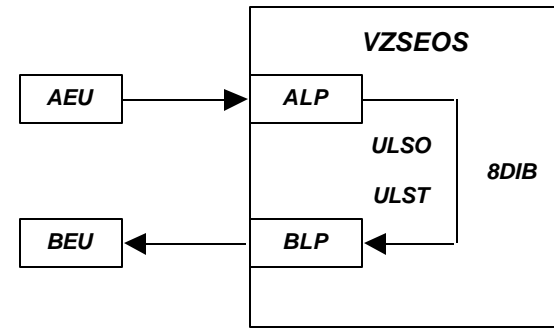
Toll Free Local Intra-Switch Call

From UNE CLEC A End User

To UNE CLEC B End User & Toll Free Service Subscriber

In this scenario toll free service provider owns call. UNE CLEC B receives DUF record and is billed ULST, ULST and 8DIB.

No unbundled usage charges are billed to UNE CLEC A.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

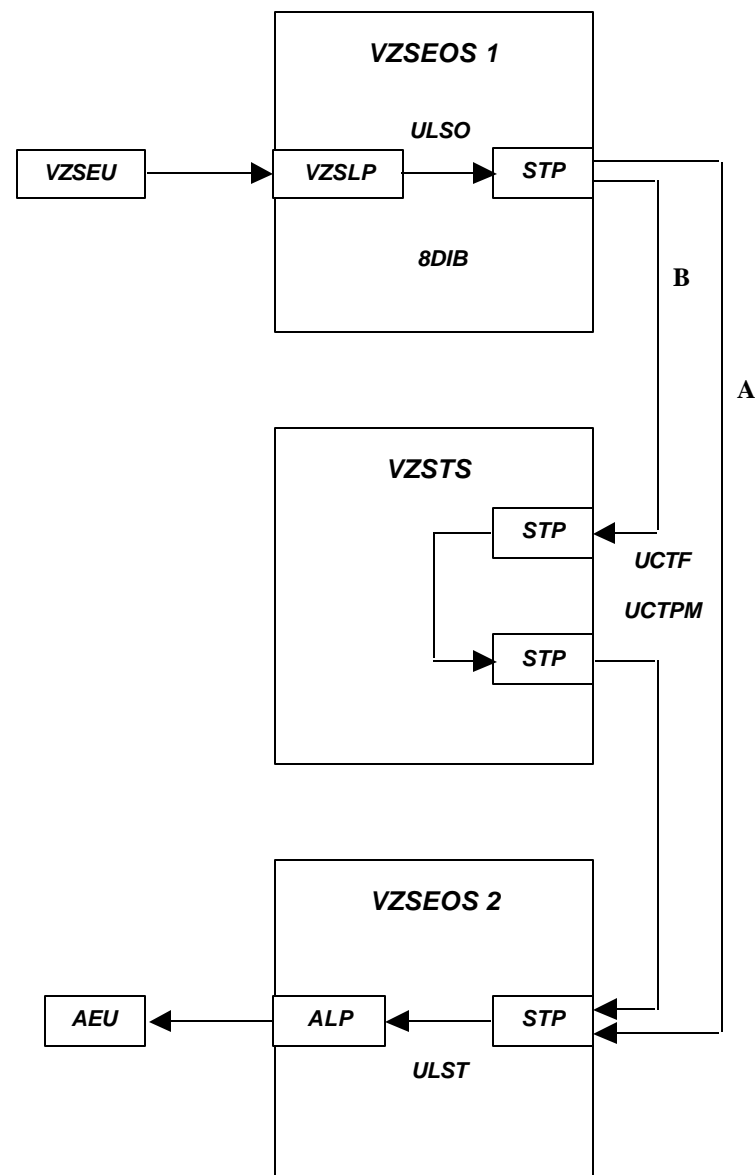
D-4

TOLL FREE SERVICE (800/888)

**Toll Free Local Inter-Switch or IntraLATA Toll Call
From Verizon South End User
To UNE CLEC A End User & Toll Free Service Subscriber
Shared Trunk Port
Call Routed Direct (A) or Tandem (B)
To Verizon South Terminating Switch**

In both A and B versions of this scenario toll free service provider owns call. UNE CLEC A receives DUF record and is billed ULSO, 8DIB, UCTF, UCTPM and ULST.

UTS is not billed in version B of this scenario, because Verizon-South cannot determine the routing method on a per call basis. This applies to all UNE terminating toll free calls in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

D-5

TOLL FREE SERVICE (800/888)

Toll Free Local or IntraLATA Toll Call

From CLEC B End User served by a CLEC B Switch

To UNE CLEC A End User & Toll Free Service Subscriber

Shared Trunk Port

Call Routed direct (A) or via Verizon South Tandem (B)

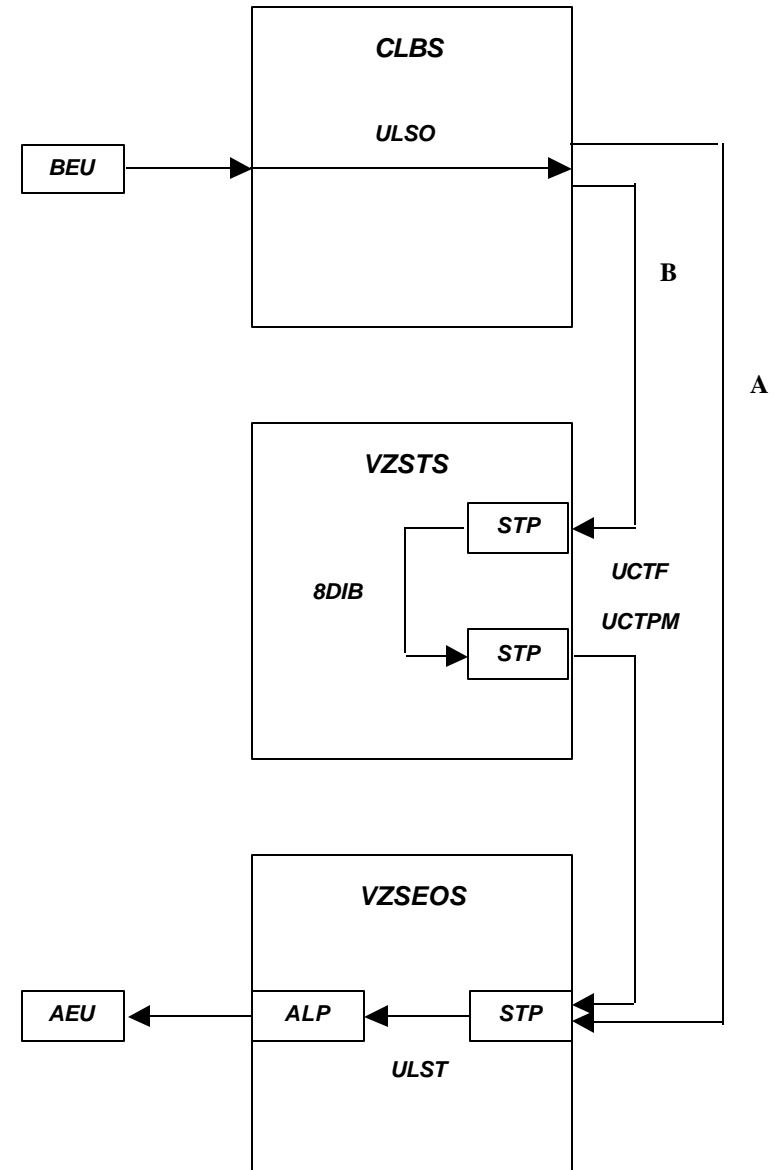
To Verizon South terminating switch

In both A and B versions of this scenario toll free local service provider owns call. UNE CLEC A receives DUF record, and is billed ULST, 8DIB, UCTF, UCTPM and ULST.

Mileage for UCTPM is from CLBS to VZSEOS.

Facilities based CLEC B will bill Verizon South a Reciprocal Compensation Charge for such calls delivered by Verizon South, and Verizon South will bill UNECLEC A ULST. This applies to all UNE terminating toll free calls originating in a CLEC switch in Verizon South.

This scenario does not include calls where the facilities based CLEC performs the 800 query dip. All such calls generate terminating access records and are covered under Unbundled Terminating Access. (See section C).



Directory Assistance (DA)

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-1

DIRECTORY ASSISTANCE (DA)

Directory Assistance Query - Local
From UNE CLEC A End User
To Verizon South DA TOPS
Shared Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, DATTF, DATTPM, DATS and DAC.

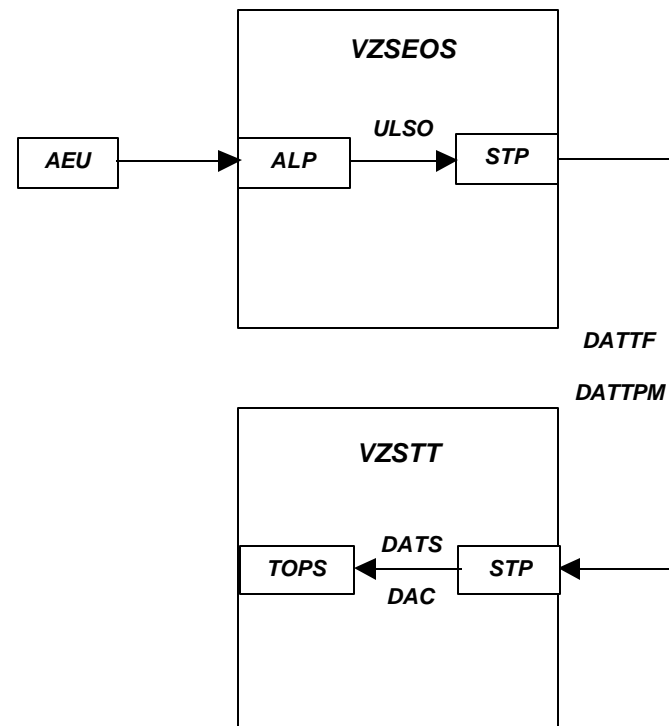
Mileage for DATTPM is from VZSEOS to VZSTT.

If a DA Query is alternate billed, LVCC (Calling Card) or LVBNS (Bill to Third) will also be billed. (Collect is not an option).

This scenario only includes local DA, i.e., 411 or 555-1212 , and local requested listings.

All DA queries and DA call completions are routed via a Verizon DA TOPS tandem.

If a DA requested number (local or national) is unpublished or unlisted, no unbundled usage charges are billed and no EMI DUF record is generated.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-2

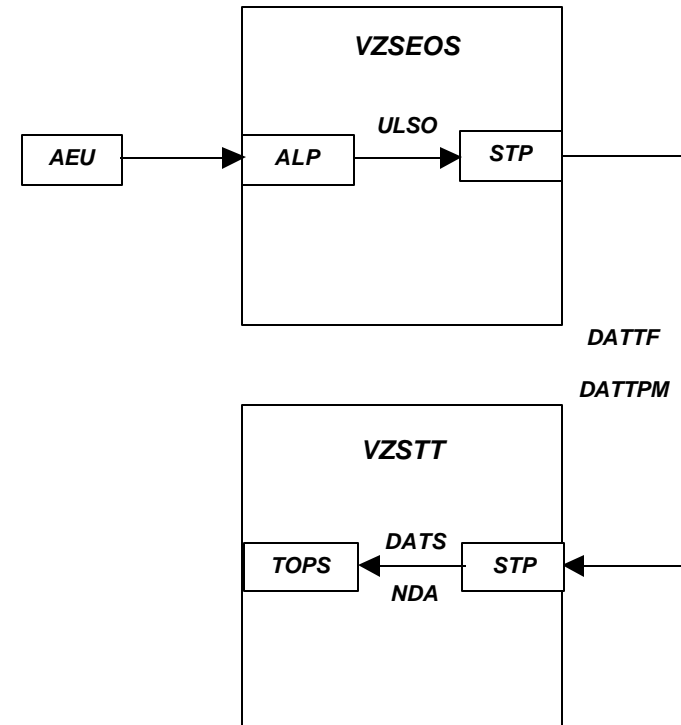
DIRECTORY ASSISTANCE (DA)

Directory Assistance Query - National
From UNE CLEC A End User
To Verizon South DA TOPS
Shared Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, DATTF, DATTPM, DATS and NDA.

Mileage for DATTPM is from VZSEOS to VZSTT.

This scenario only includes local DA, i.e., 411 or 555-1212 , and national (i.e., non-local) requested listings.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-3

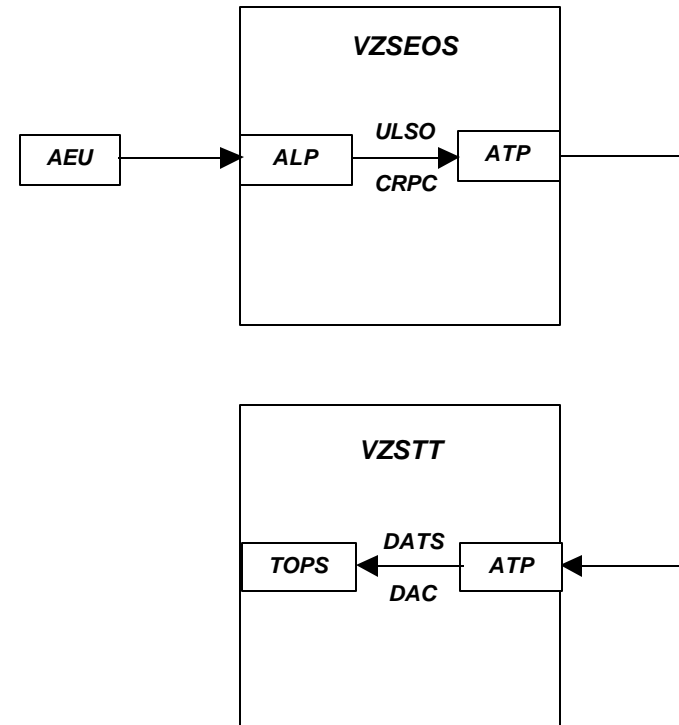
DIRECTORY ASSISTANCE (DA)

Directory Assistance Query - Local
From UNE CLEC A End User
To Verizon South DA TOPS
Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, DATS and DAC.

This scenario only includes local DA, i.e., 411 or 555-1212 , and local requested listings.

CRPC is always billed when a DA query is custom routed via a dedicated trunk port to a Verizon-South DA TOPS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

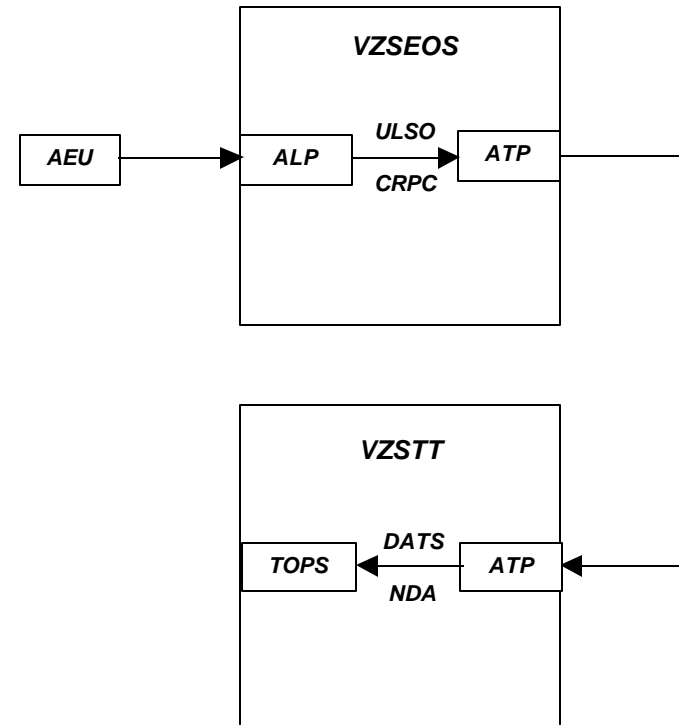
E-4

DIRECTORY ASSISTANCE (DA)

Directory Assistance Query - National
From UNE CLEC A End User
To Verizon South DA TOPS
Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, DATS and NDA.

This scenario only includes local DA, i.e., 411 or 555-1212 , and national (i.e., non-local) requested listings.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

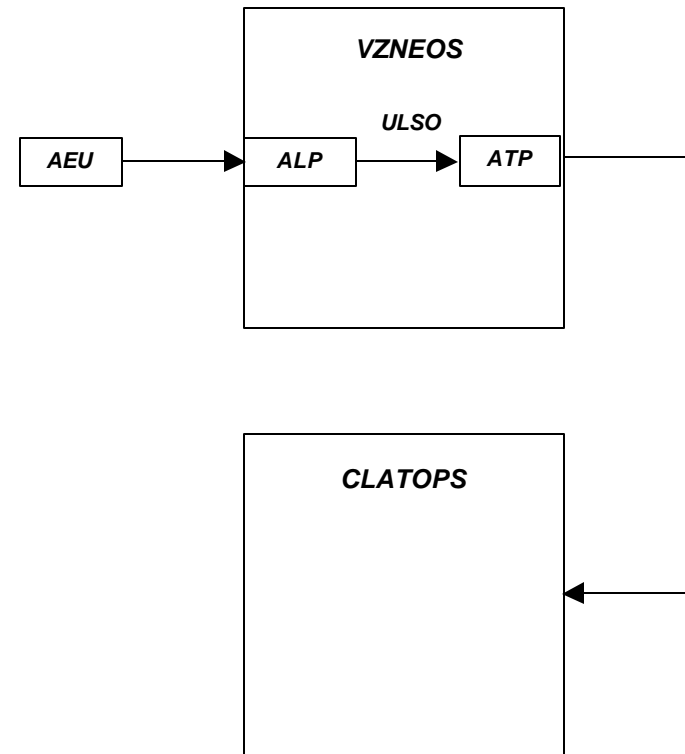
E-5

DIRECTORY ASSISTANCE (DA)

Directory Assistance Query - Local or National
From UNE CLEC A End User
To CLEC A TOPS
Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO.

This scenario only includes local DA, i.e., 411 or 555-1212. In this scenario both local and national requests are routed to CLEC A's TOPS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-6

DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance

Call Completion Requested

From UNE CLEC A End User

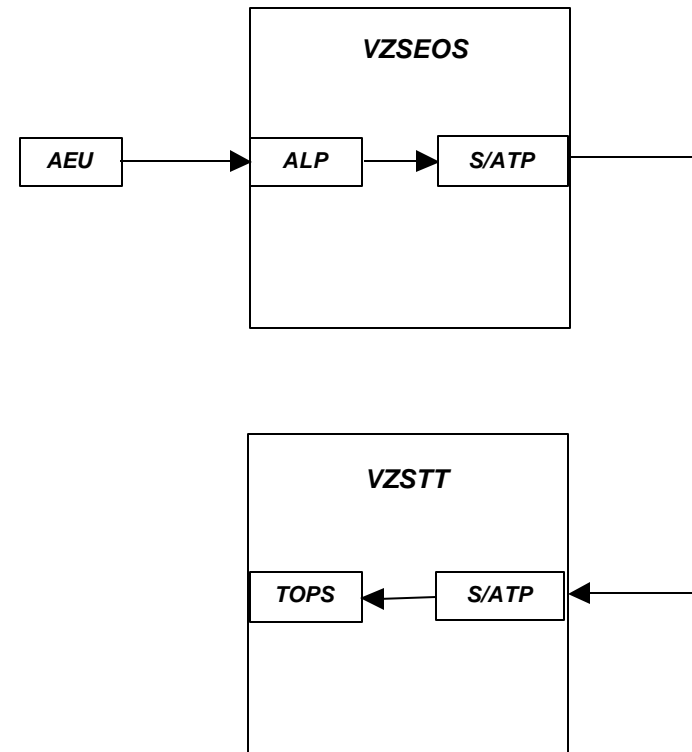
To Verizon South DA TOPS

Shared or Dedicated Trunk Port

No Call Completion

In this scenario no DUF records are generated and no unbundled usage charges are billed.

This scenario occurs when a UNE CLEC end user requests automatic call completion after a DA query, but the call is not completed (e.g., busy line or no answer).



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-7

DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance
Call Completion Requested - Local
From UNE CLEC A End User
To Verizon South DA TOPS
Shared Trunk Port
Mechanized Call Completion
To Verizon South End User

In this scenario CLEC A owns call, receives 2 DUF records * and is billed ULSO, UCTF, UCTPM, UTS, DACCS and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

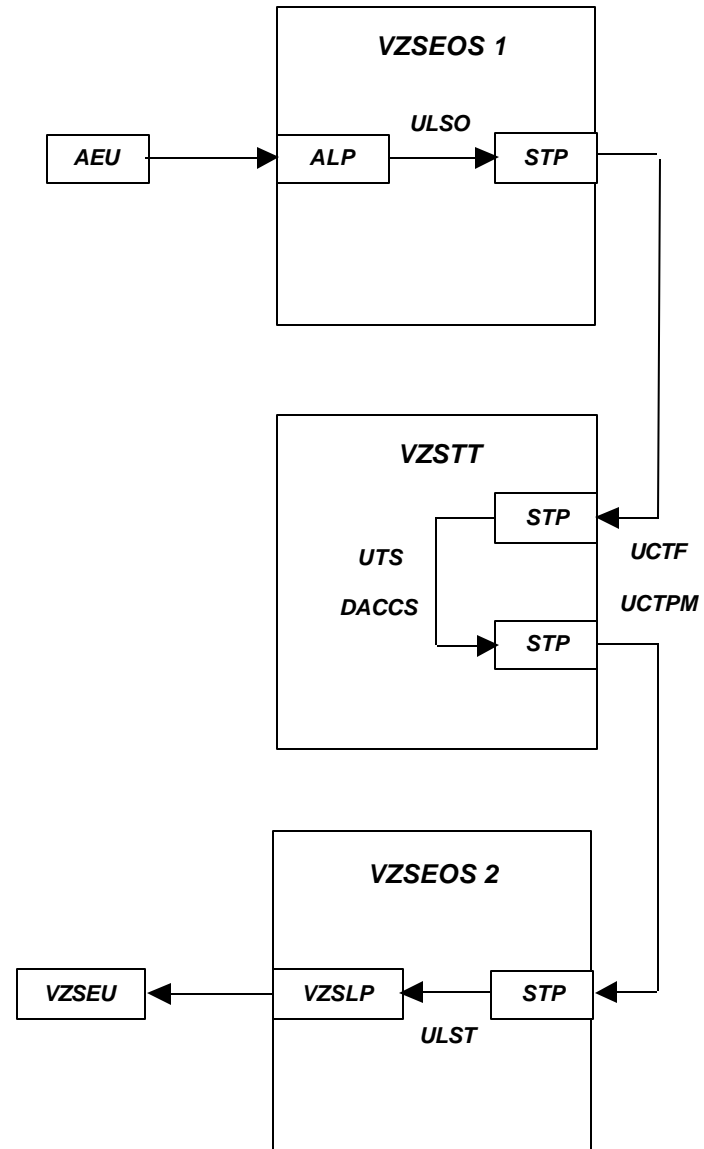
If DA call completion is alternate billed (only permitted on coin lines or PAL - Public Access Lines), LVCC or LVBNS will also be billed.

For all DA Completions specified charges are billed in addition to the charges already applicable to the original DA query.

* 2 separate DUF records are generated for all successful DA call completions, as follows:

1. Call Completion Record
2. Completed Call Record

DA call completion is not offered for National or toll free (800/888) listings.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-8

DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance

Call Completion Requested - Local

From UNE CLEC A End User

To Verizon South DA TOPS

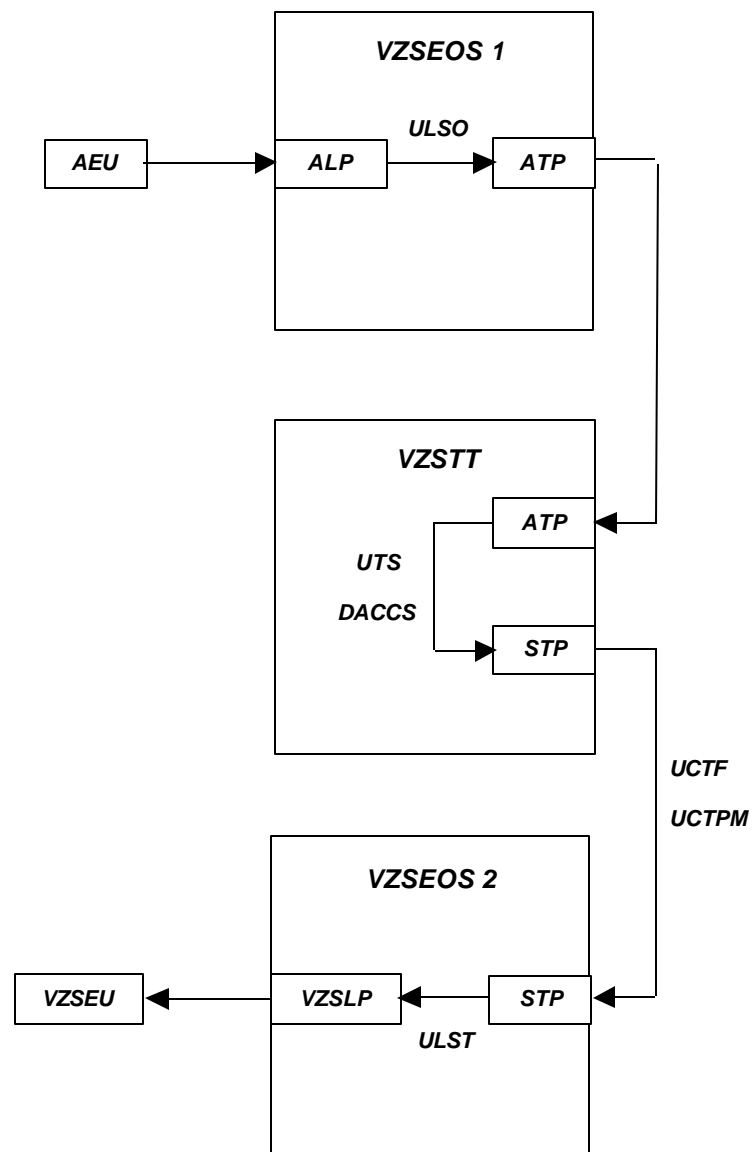
Dedicated Trunk Port in originating end office switch

Mechanized Call Completion

To Verizon South End User

In this scenario CLEC A owns call, receives 2 DUF records and is billed ULSO, UCTF, UCTPM, UTS, DACCS and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

E-9

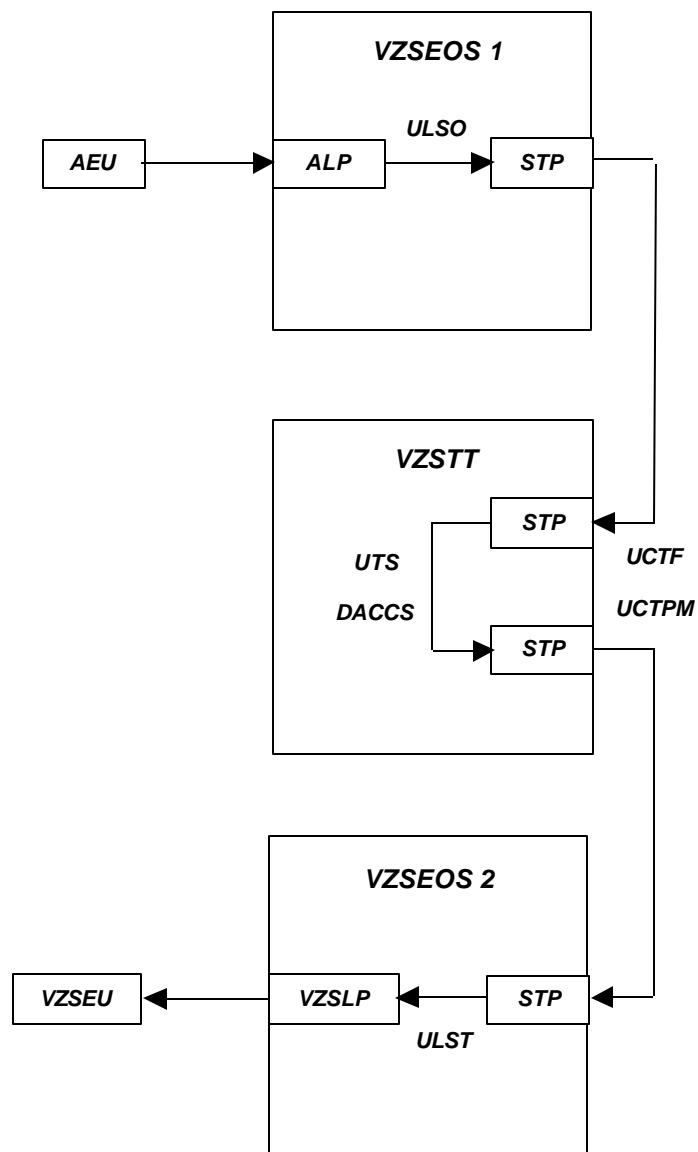
DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance
Call Completion Requested - IntraLATA Toll
From UNE CLEC A End User
To Verizon South DA TOPS
Shared Trunk Port
Mechanized Call Completion
To Verizon South End User

In this scenario CLEC A owns call, receives 2 DUF records and is billed ULSO, UCTF, UCTPM, UTS, DACCS and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

All DA completions are treated as local calls. Therefore LPIC does not apply.

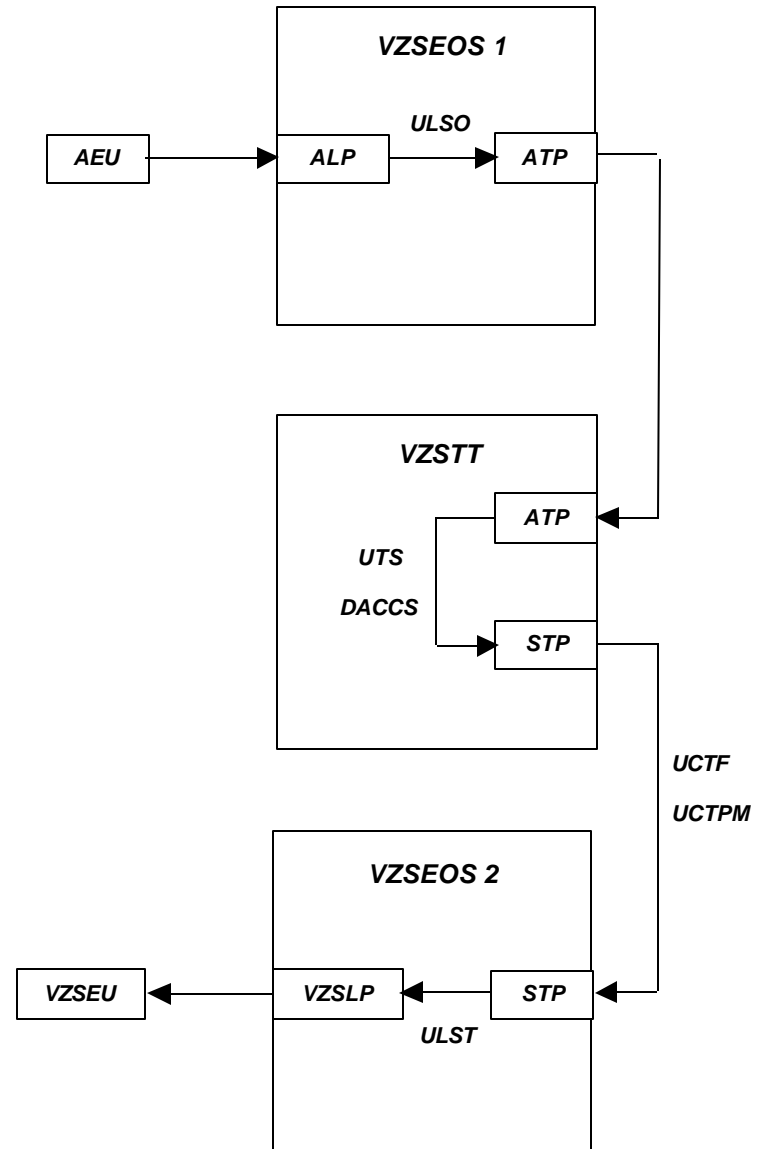


DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance
Call Completion Requested - IntraLATA Toll
From UNE CLEC A End User
To Verizon South DA TOPS
Dedicated Trunk Port in originating end office switch
Mechanized Call Completion
To Verizon South End User

In this scenario CLEC A owns call, receives 2 DUF records and is billed ULSO, UCTF, UCTPM, UTS, DACCS and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



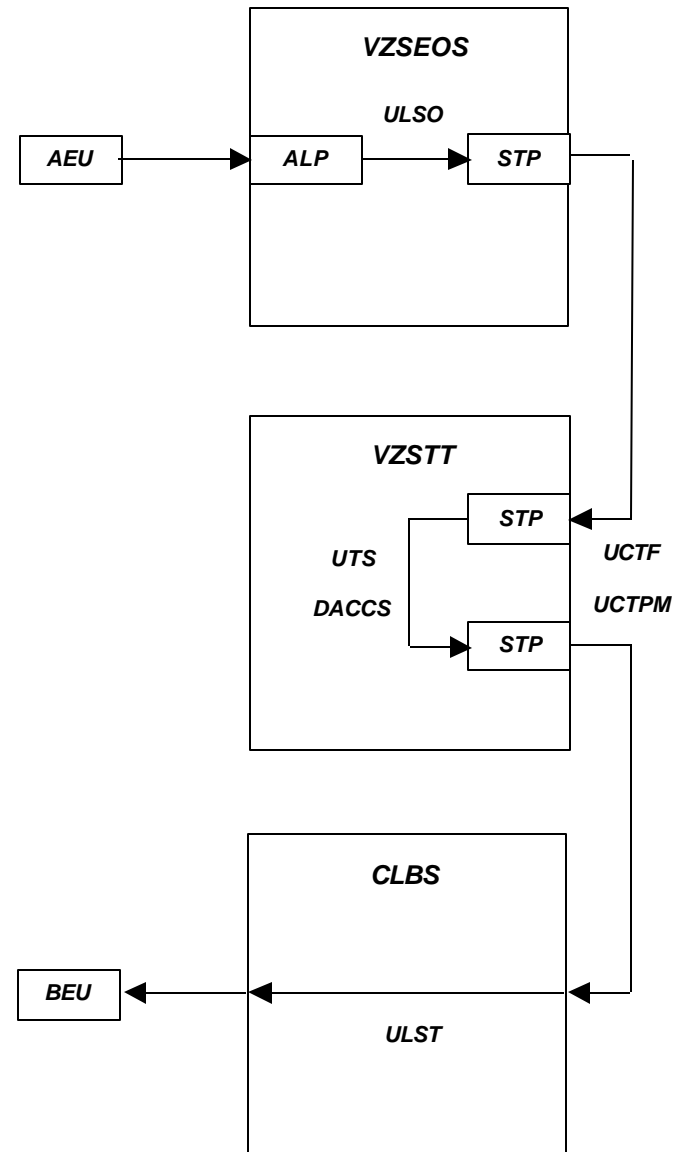
DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance
Call Completion Requested - Local or Toll
From UNE CLEC A End User
To Verizon South DA TOPS
Shared Trunk Port
Mechanized Call Completion
To CLEC B End User served by CLEC B Switch

In this scenario CLEC A owns call, receives 2 DUF records and is billed ULST, UTS, DACCS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS to CLBS.

Facilities based CLEC B will bill Verizon South a Reciprocal Compensation Charge for such calls delivered by Verizon South, and Verizon South will bill UNE CLEC A ULST. This applies to all UNE DA completions terminating in a CLEC switch in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

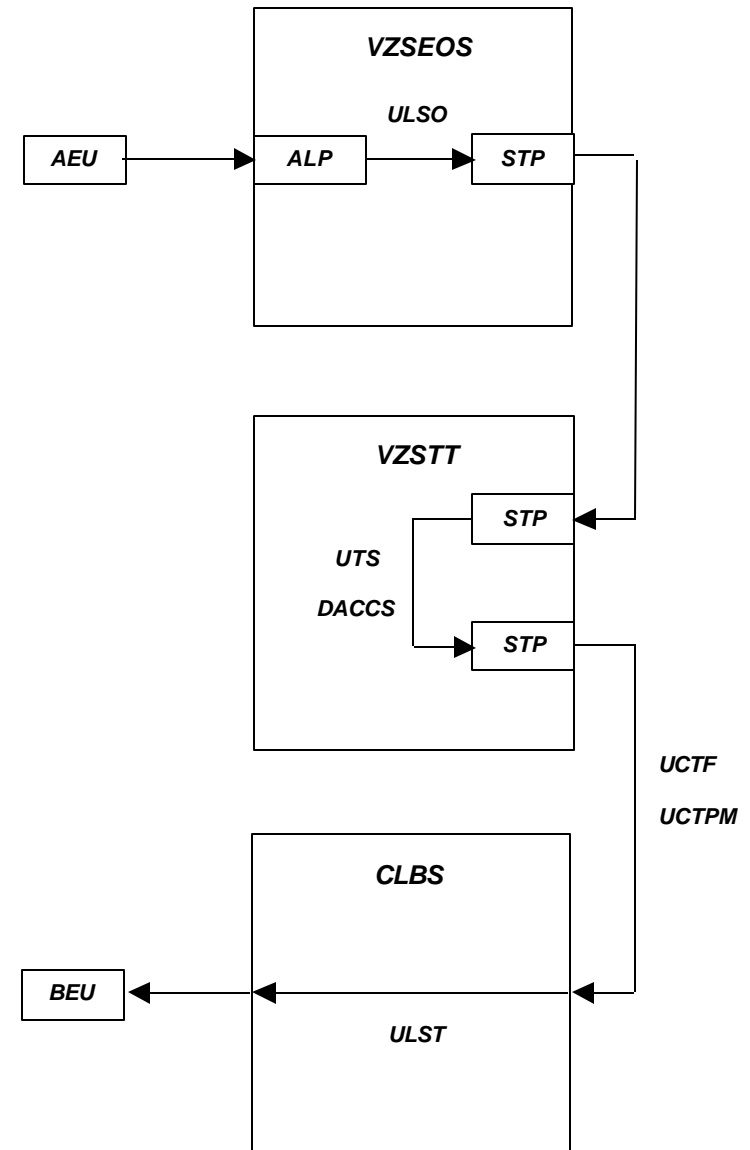
E-12

DIRECTORY ASSISTANCE (DA)

Verizon South Local Directory Assistance
Call Completion Requested - Local or Toll
From UNE CLEC A End User
To Verizon South DA TOPS
Dedicated Trunk Port in originating end office switch
Mechanized Call Completion
To CLEC B End User served by CLEC B Switch

In this scenario CLEC A owns call, receives 2 DUF records and is billed ULST, UTS, DACCS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to CLBS.



DIRECTORY ASSISTANCE (DA)

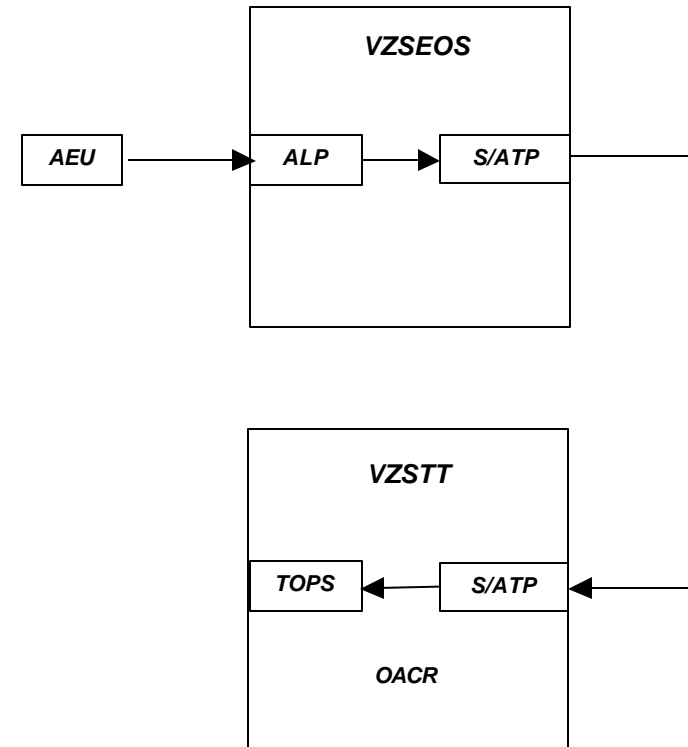
**DA Operator Applied Credit for Wrong Number
From UNE CLEC A End User
To Verizon South DA TOPS
Shared or Dedicated Trunk Port**

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are billed.

The DUF credit record includes the following:

- **Wrong Number indicator**
- **DA indicator**
- **Minutes of use that may be credited by the UNE CLEC to the end user.**



DIRECTORY ASSISTANCE (DA)

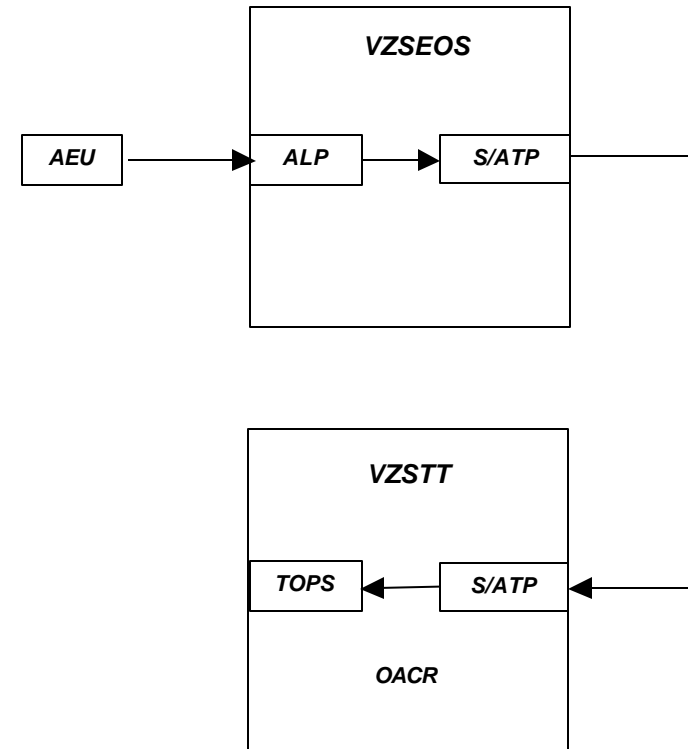
DA Operator Applied Credit for Poor Transmission
From UNE CLEC A End User
To Verizon South DA TOPS
Shared or Dedicated Trunk Port

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are billed.

The DUF credit record includes the following:

- **Poor Transmission indicator**
- **DA indicator**
- **Minutes of use that may be credited by the UNE CLEC to the end user.**



DIRECTORY ASSISTANCE (DA)

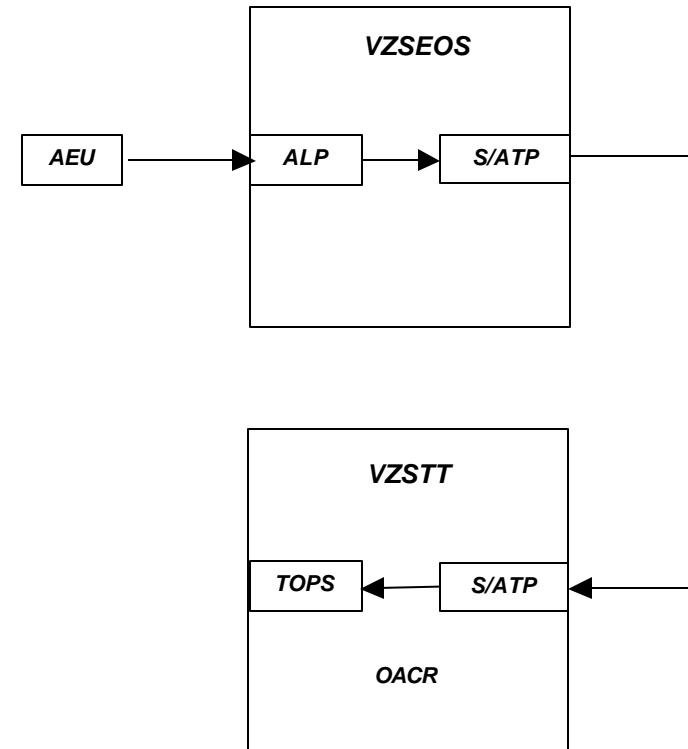
DA Operator Applied Credit for Call Cut Off
From UNE CLEC A End User
To Verizon South DA TOPS
Shared or Dedicated Trunk Port

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are billed.

The DUF credit record includes the following:

- Call Cut Off indicator
- DA indicator
- Minutes of use that may be credited by the UNE CLEC to the end user.



Operator Services - Automated

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

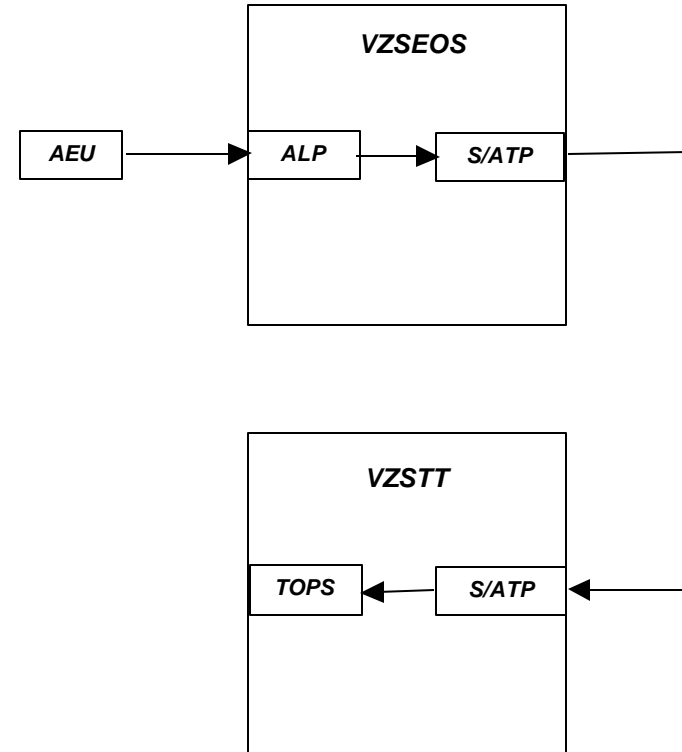
F-1

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Alternate Billed Call
From UNE CLEC A End User
To Verizon South TOPS
Shared or Dedicated Trunk Port
No Call Completion

In this scenario no DUF record is generated and no unbundled usage charges are billed.

This scenario occurs when a UNE CLEC end user dials a 0+ intraLATA calling card, collect or bill to third call, and the call does not complete (e.g., no answer, busy line, card number not validated).



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-2

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Calling Card Call

From UNE CLEC A End User

To Verizon South End User

Shared Trunk Port

Mechanized Call Completion or Live Operator default *

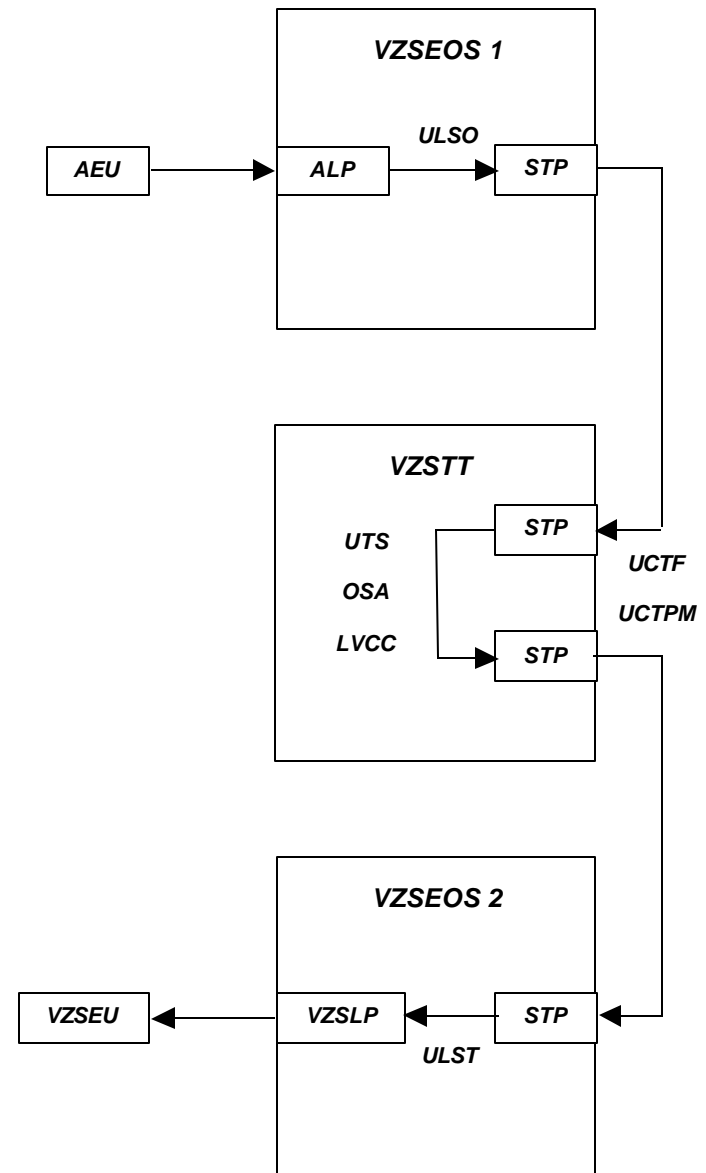
In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSA, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

All intraLATA 0+ completions are treated as local calls. Therefore LPIC does not apply.

All intraLATA 0+ completions are routed via a Verizon TOPS tandem.

* When an intraLATA 0+ call fails to complete on a mechanized basis and defaults to completion by a live operator, it is still billed as a 0+ rather than a 0- completed call. This applies to all UNE 0+ call scenarios in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-3

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Calling Card Call

From UNE CLEC A End User

To Verizon South End User

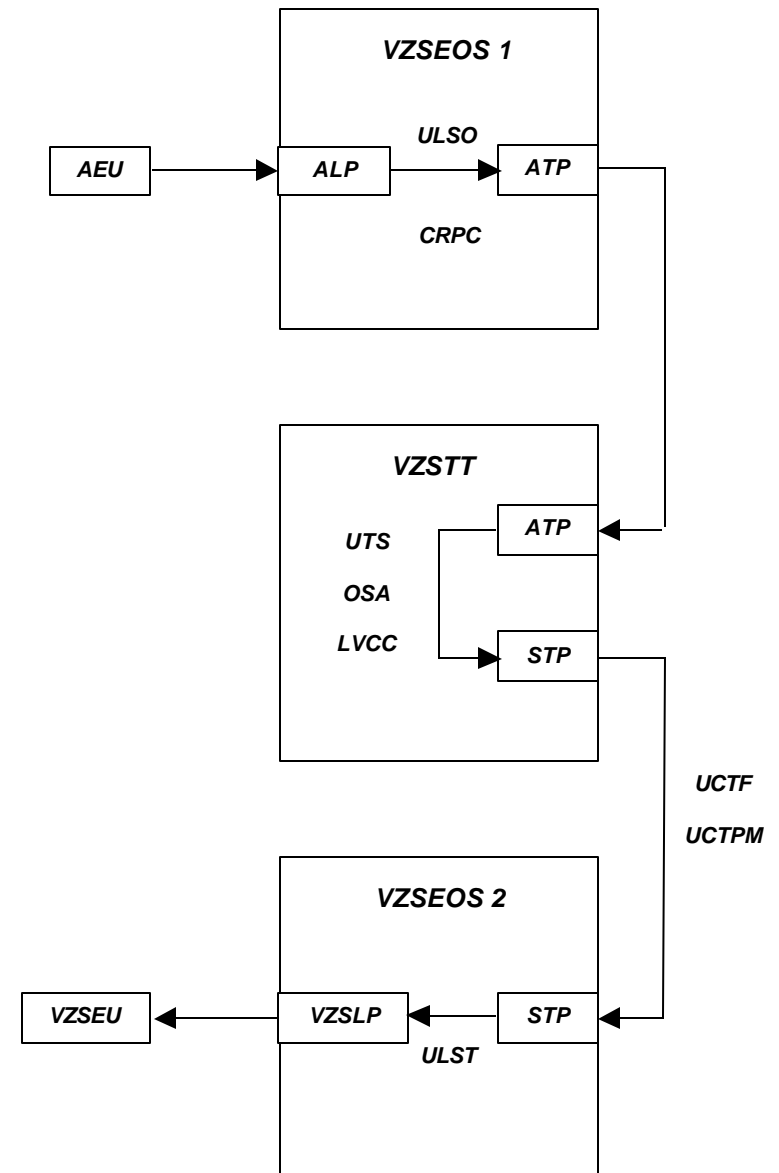
Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSA, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.

CRPC is billed when any automated operator call is custom routed via a dedicated trunk port to a Verizon-South TOPS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-4

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Calling Card Call

From UNE CLEC A End User

To CLEC B End User served by CLEC B switch

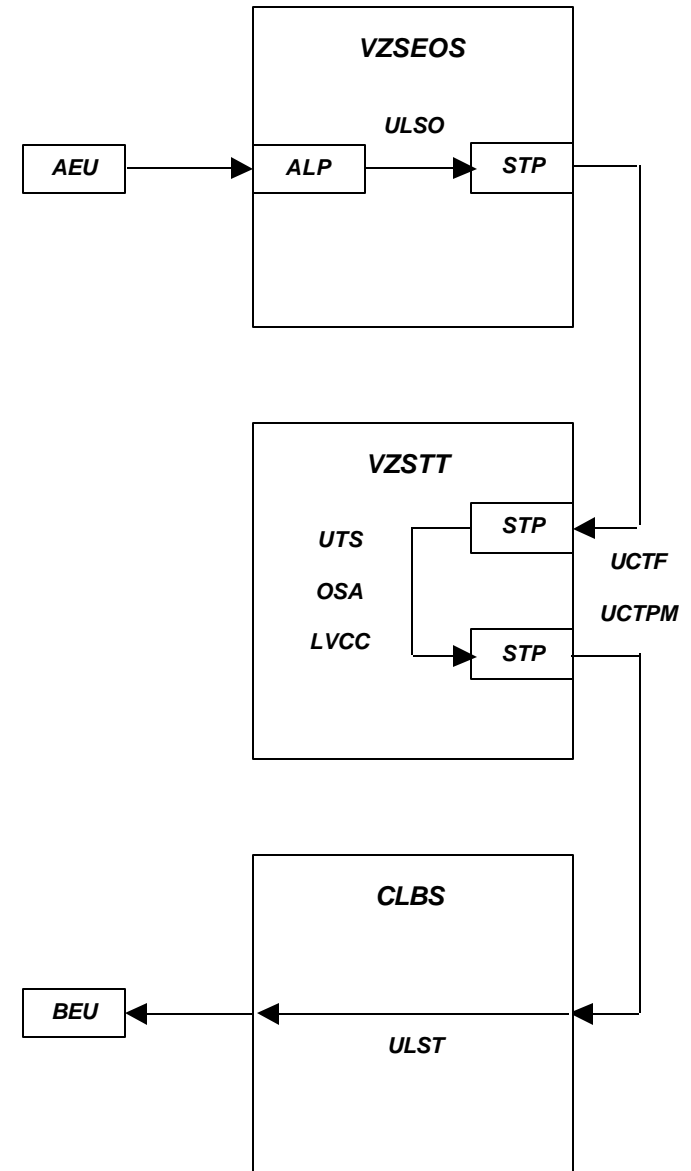
Shared Trunk Port

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

Facilities based CLEC B will bill Verizon South a Reciprocal Compensation Charge for such calls delivered by Verizon South, and Verizon South will bill UNE CLEC A ULST. **This applies to all UNE 0+ calls terminating in a CLEC switch in Verizon South.**



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-5

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Calling Card Call

From UNE CLEC A End User

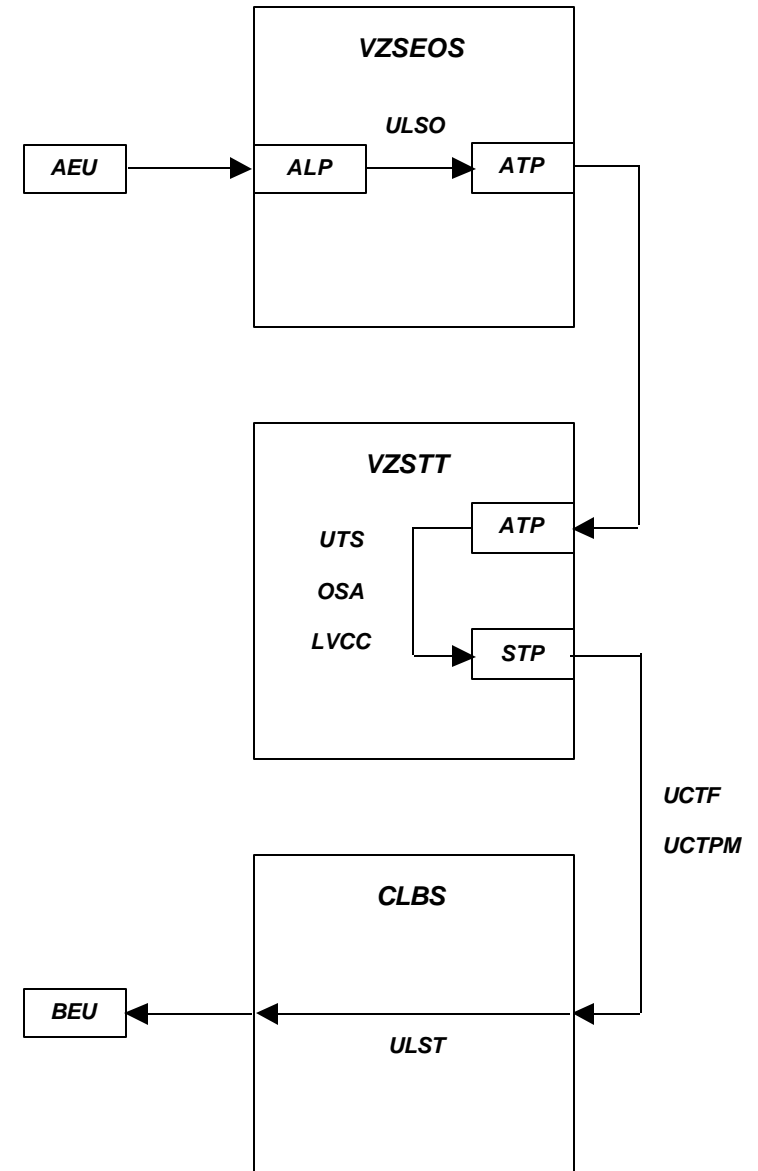
To CLEC B End User served by CLEC B switch

Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-6

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Collect Call

From UNE CLEC A End User

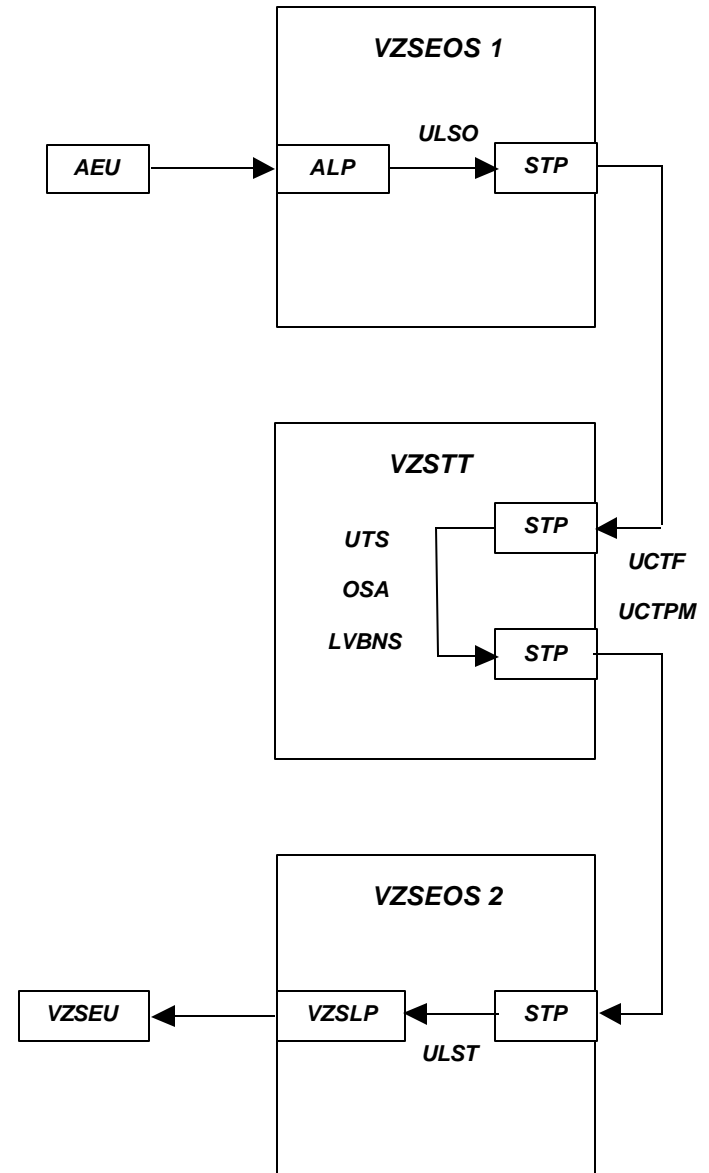
To Verizon South End User

Shared Trunk Port

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-7

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Collect Call

From UNE CLEC A End User

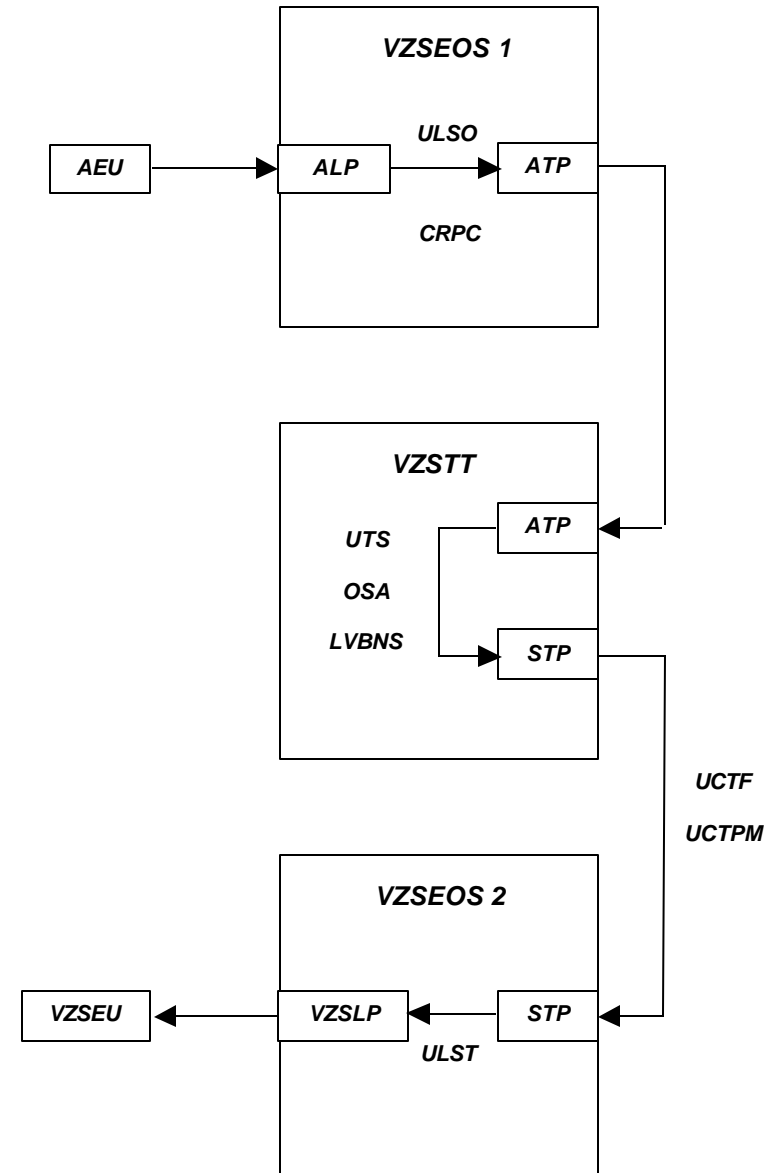
To Verizon South End User

Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-8

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Collect Call

From UNE CLEC A End User

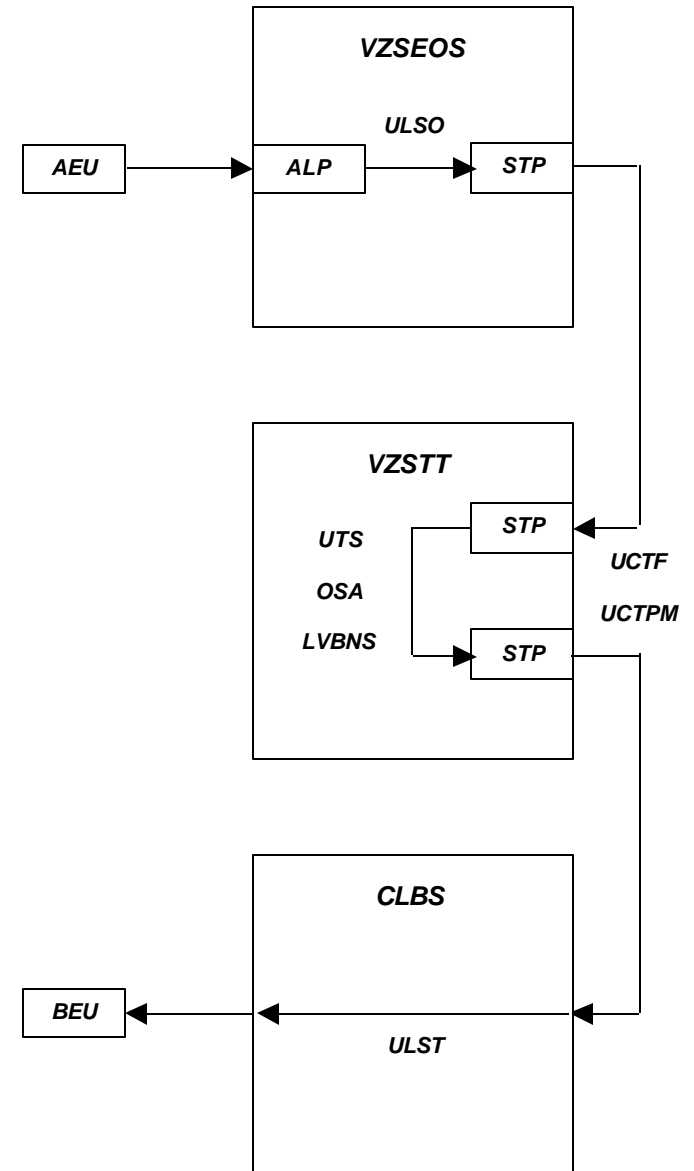
To CLEC B End User served by CLEC B switch

Shared Trunk Port

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-9

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Collect Call

From UNE CLEC A End User

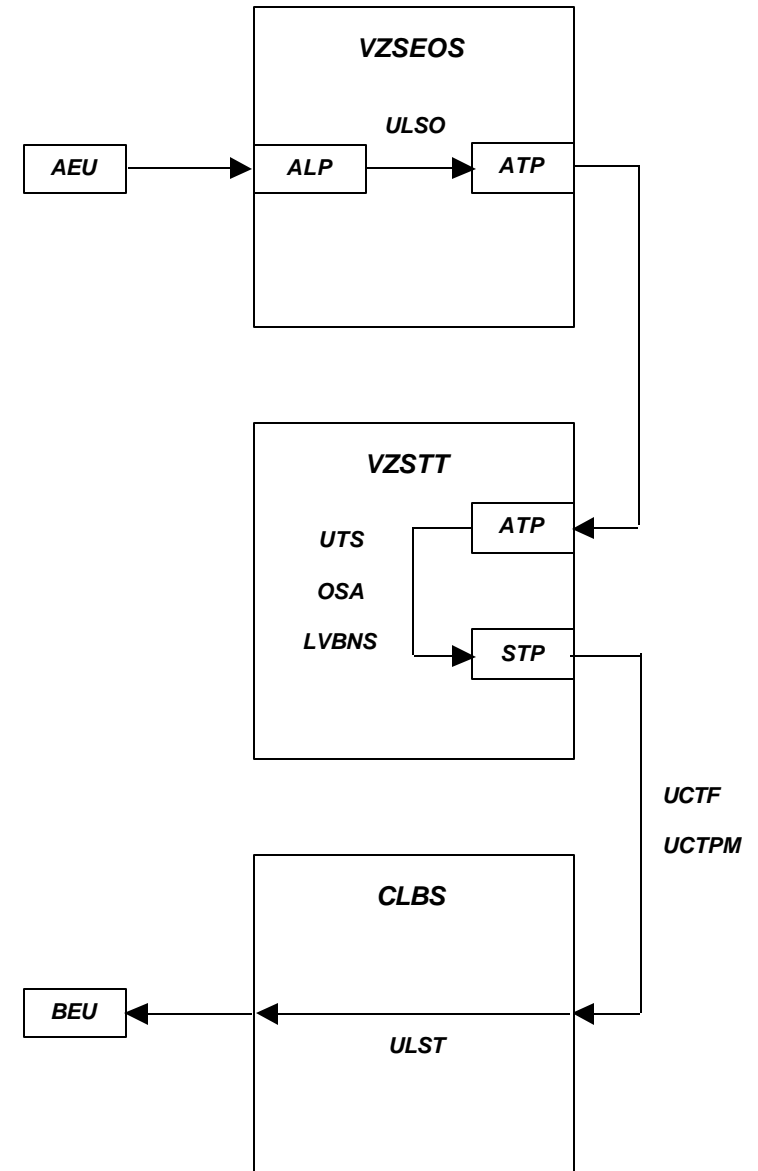
To CLEC B End User served by CLEC B switch

Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-10

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Bill to Third Call

From UNE CLEC A End User

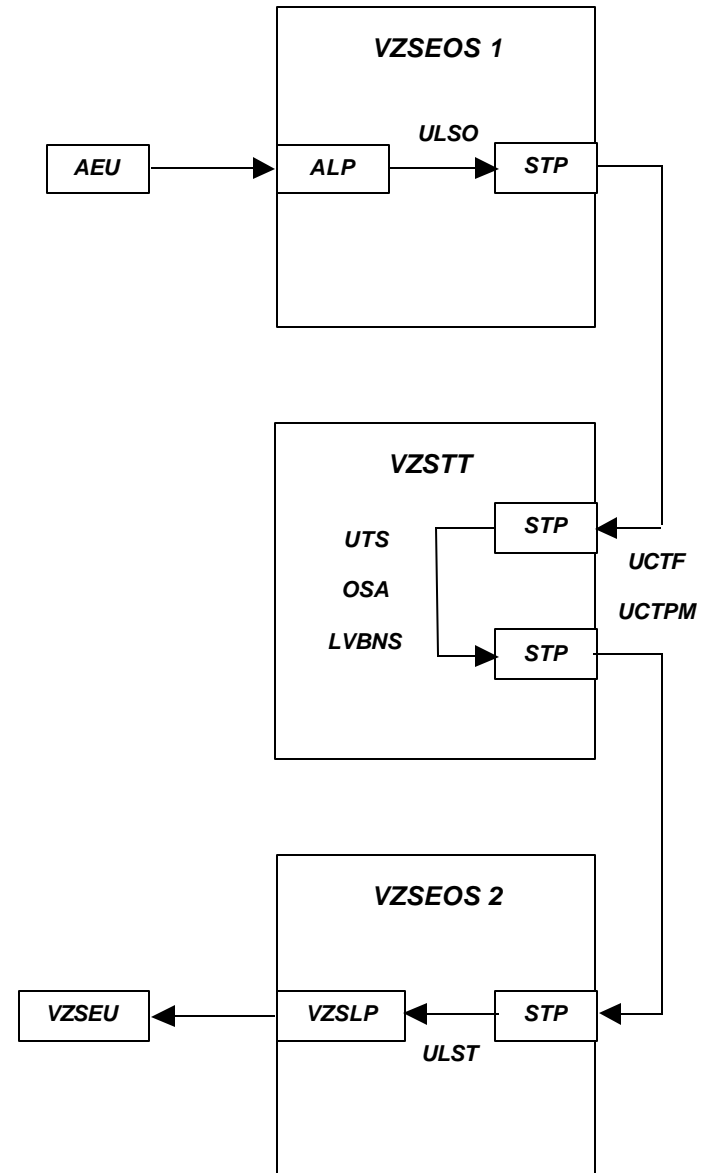
To Verizon South End User

Shared Trunk Port

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

F-11

OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Bill to Third Call

From UNE CLEC A End User

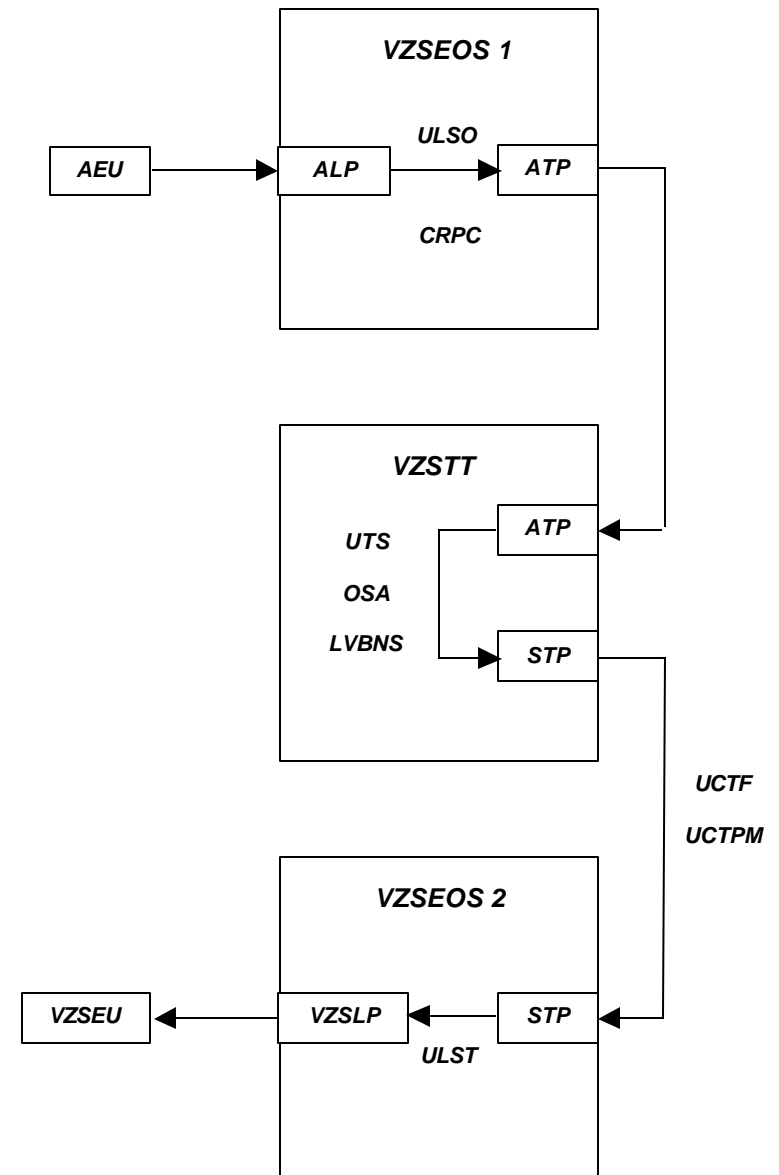
To Verizon South End User

Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

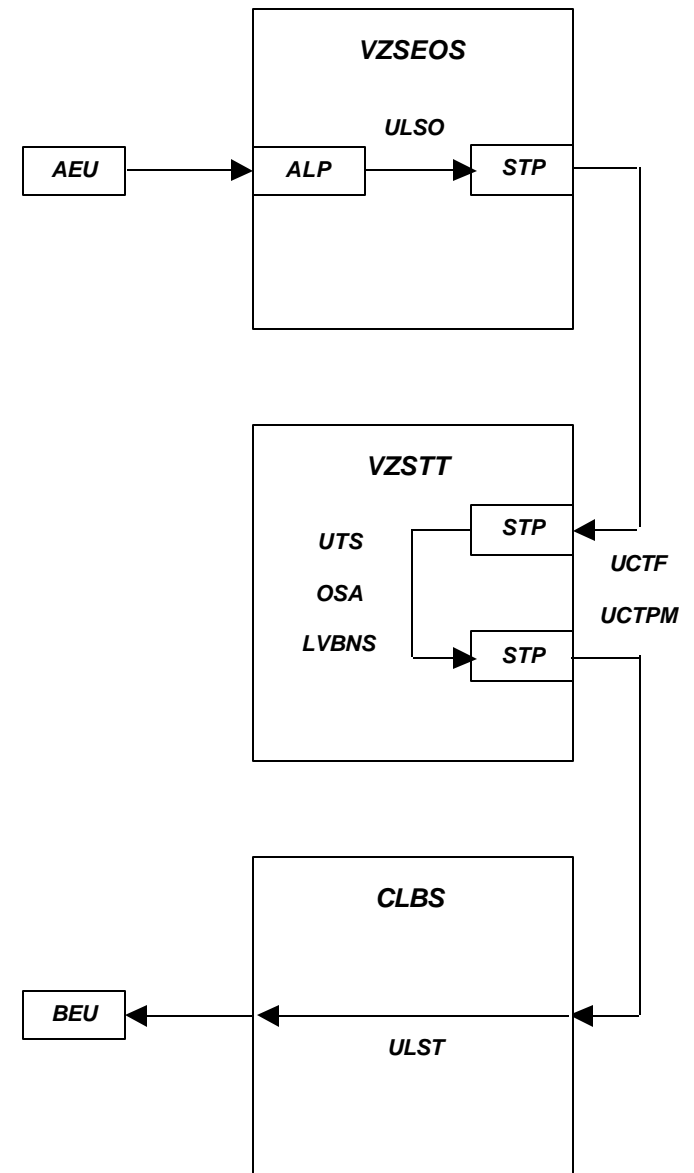
Mileage for UCTPM is from VZSTT to VZSEOS 2.



F-12

Mechanized Call Completion or Live Operator default

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.



OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Bill to Third Call

From UNE CLEC A End User

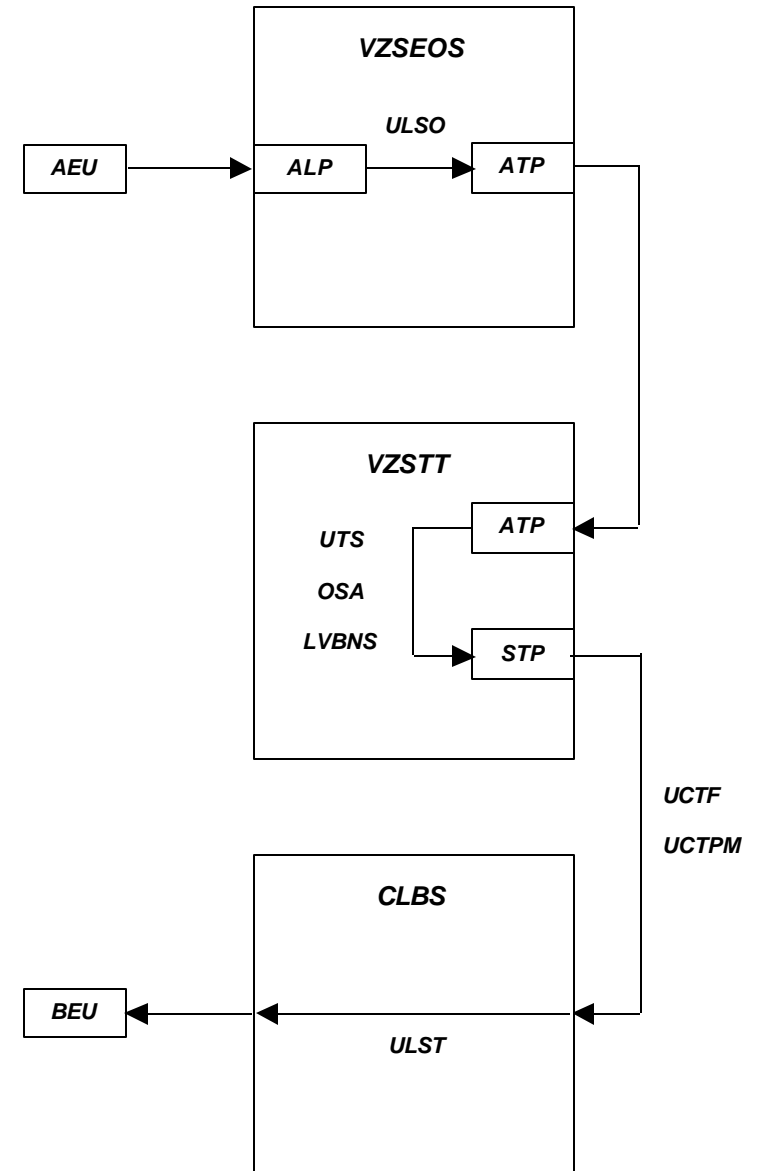
To CLEC B End User served by CLEC B switch

Dedicated Trunk Port in originating end office switch

Mechanized Call Completion or Live Operator default

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULST, UTS, OSA, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.

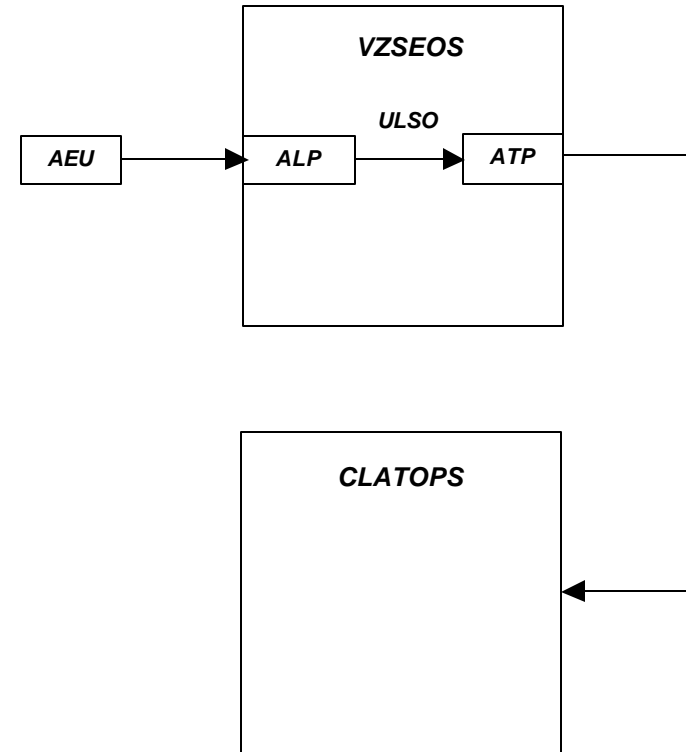


OPERATOR SERVICES - AUTOMATED

0+ IntraLATA Alternate Billed Call
From UNE CLEC A End User
To CLEC A TOPS
Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO.

This scenario covers all 0+ alternate billed calls (calling card, collect and bill to third) that are custom routed via a non-Verizon TOPS selected by UNE CLEC A.



Operator Services - Live

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-1

OPERATOR SERVICES - LIVE

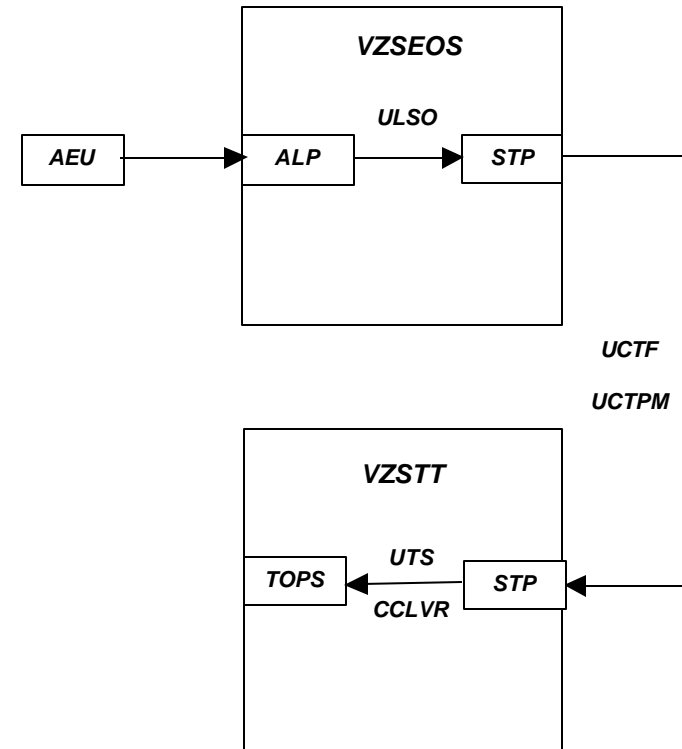
Busy Line Verify
From UNE CLEC A End User
To Verizon South TOPS
Shared Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UCTF, UCTPM, UTS and CCLVR.

Mileage for UCTPM is from VZSEOS to VZSTT.

If Busy Line Verify is alternate billed, LVCC or LVBNS will also be billed.

Note: Due to EMI standards, Verizon-South cannot currently include Operator Work Seconds in DUF records. This applies to all Operator Services - Live call scenarios in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-2

OPERATOR SERVICES - LIVE

Busy Line Verify

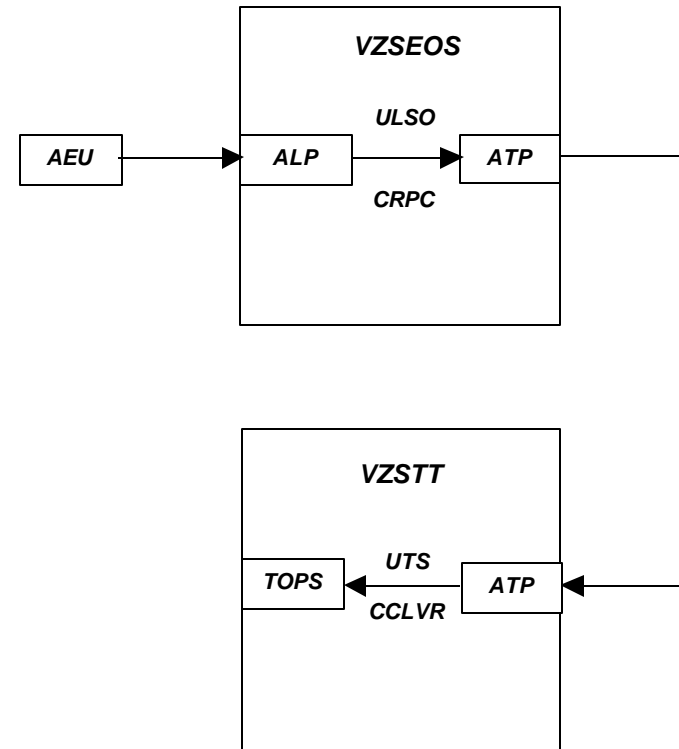
From UNE CLEC A End User

To Verizon South TOPS

Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS and CCLVR.

CRPC is billed when any live operator call is custom routed via a dedicated trunk port to a Verizon-South TOPS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-3

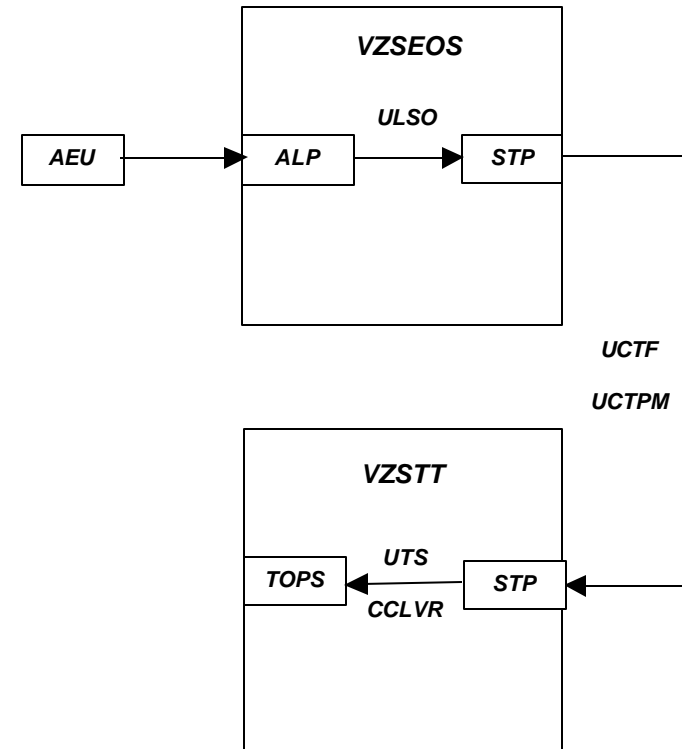
OPERATOR SERVICES - LIVE

**Busy Line Verify & Interrupt
From UNE CLEC A End User
To Verizon South TOPS
Shared Trunk Port**

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UCTF, UCTPM, UTS and CCLVR.

Mileage for UCTPM is from VZSEOS to VZSTT.

If Busy Line Verify & Interrupt is alternate billed, LVCC or LVBNS will also be billed.



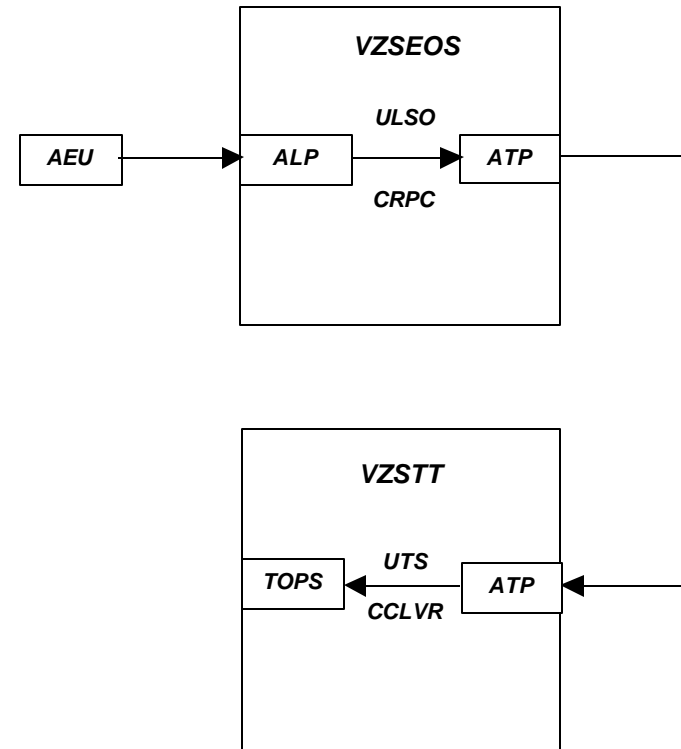
UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-4

OPERATOR SERVICES - LIVE

Busy Line Verify & Interrupt
From UNE CLEC A End User
To Verizon South TOPS
Dedicated Trunk Port

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS and CCLVR.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-5

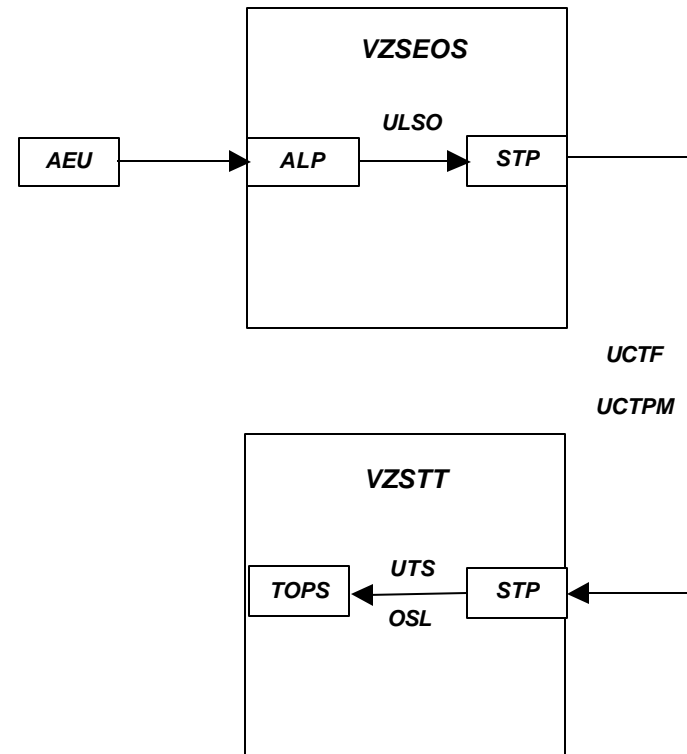
OPERATOR SERVICES - LIVE

**0- Verizon Operator Handled
From UNE CLEC A End User
To Verizon South TOPS
Shared Trunk Port
No Call Completion**

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UCTF, UCTPM, UTS and OSL.

Mileage for UCTPM is from VZSEOS to VZSTT.

Note: Due to current system limitations, no charges are currently billed for this scenario, and no DUF is generated.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-6

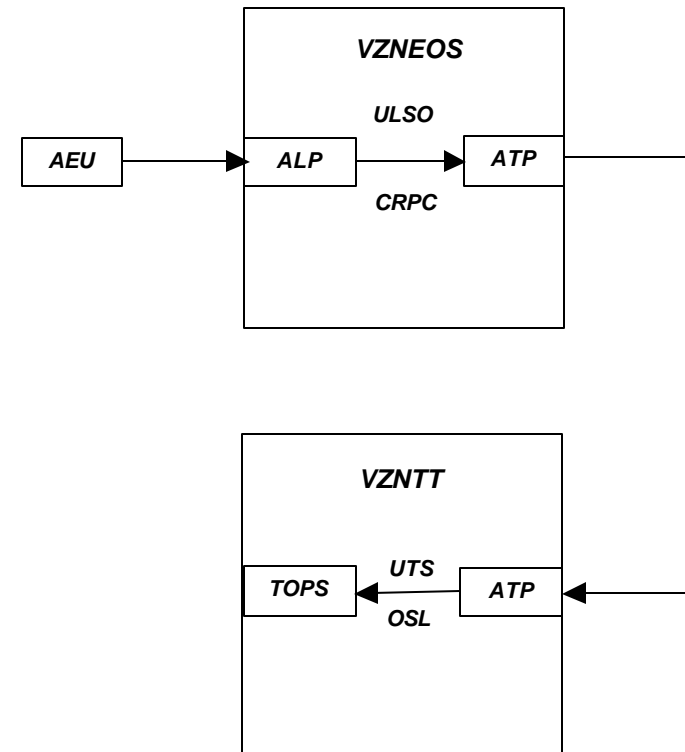
OPERATOR SERVICES - LIVE

**0- Verizon Operator Handled
From UNE CLEC A End User
To Verizon South TOPS
Dedicated Trunk Port
No Call Completion**

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS and OSL.

Mileage for UCTPM is from VZSEOS to VZSTT.

Note: Due to current system limitations, no charges are currently billed for this scenario, and no DUF is generated.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-7

OPERATOR SERVICES - LIVE

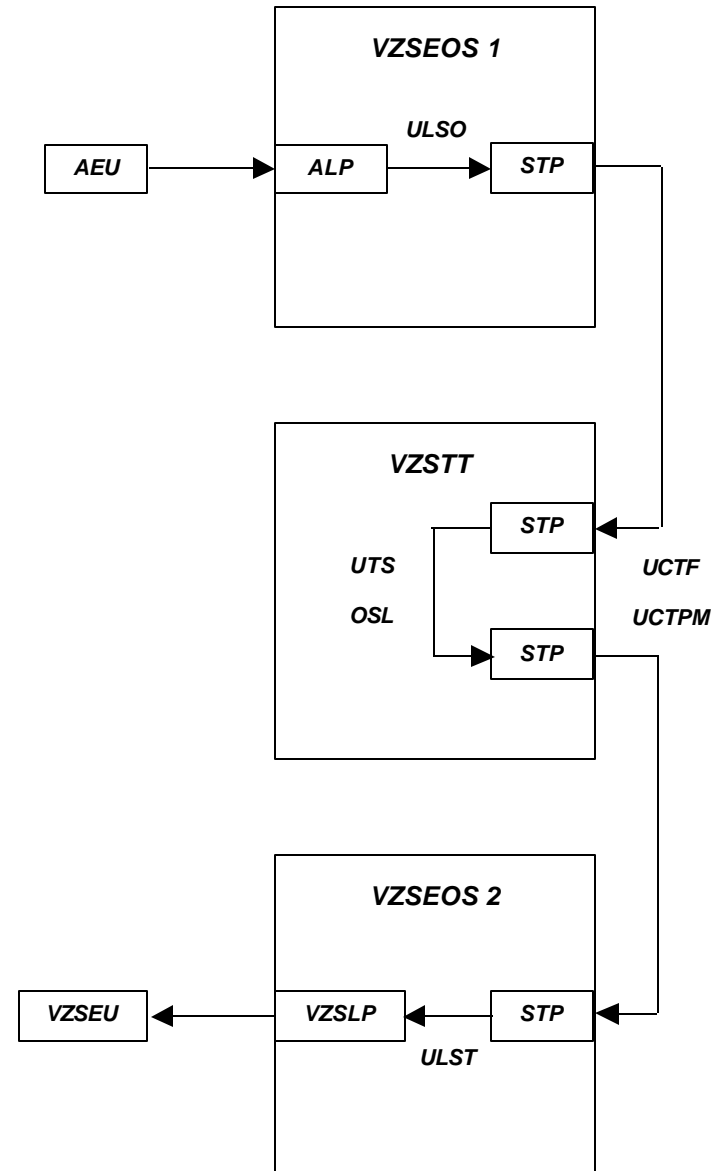
0- IntraLATA Sent Paid Call
From UNE CLEC A End User
To Verizon South End User
Shared Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

All intraLATA 0- completions are treated as local calls.
Therefore LPIC does not apply.

All intraLATA 0- completions are routed via a
Verizon TOPS tandem.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

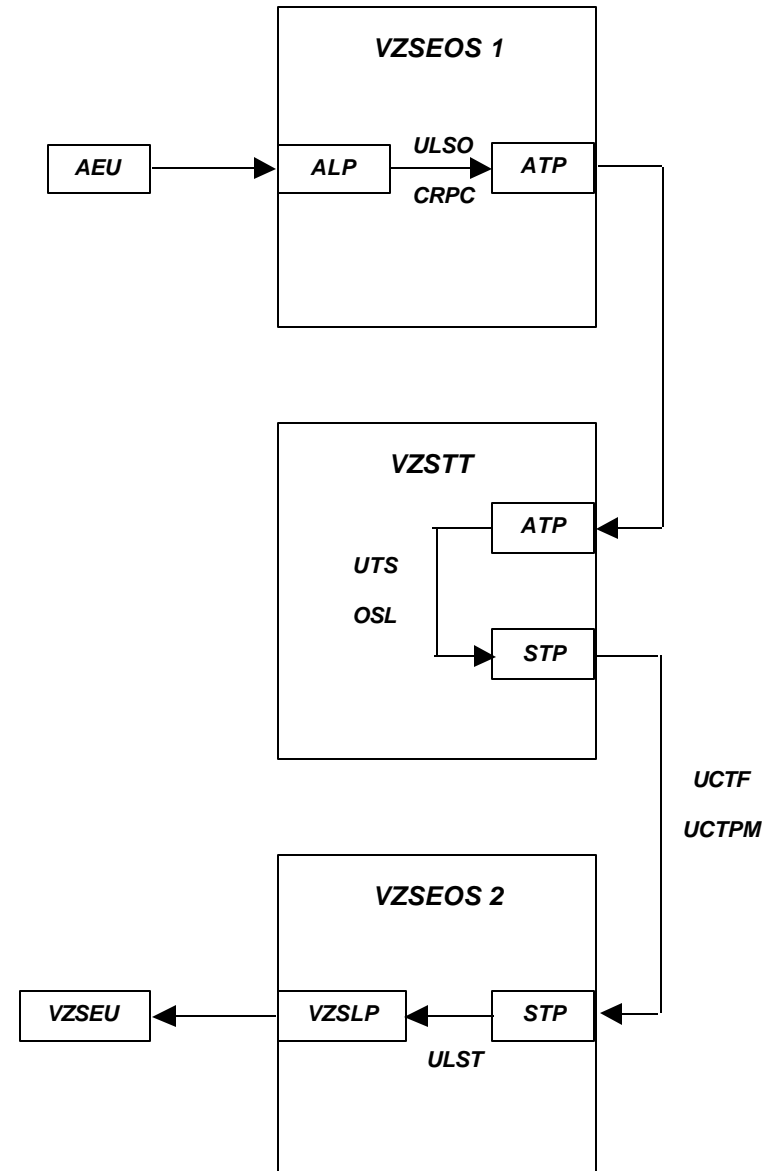
G-8

OPERATOR SERVICES - LIVE

0- IntraLATA Sent Paid Call
From UNE CLEC A End User
To Verizon South End User
Dedicated Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-9

OPERATOR SERVICES - LIVE

0- IntraLATA Sent Paid Call

From UNE CLEC A End User

To CLEC B End User served by CLEC B switch

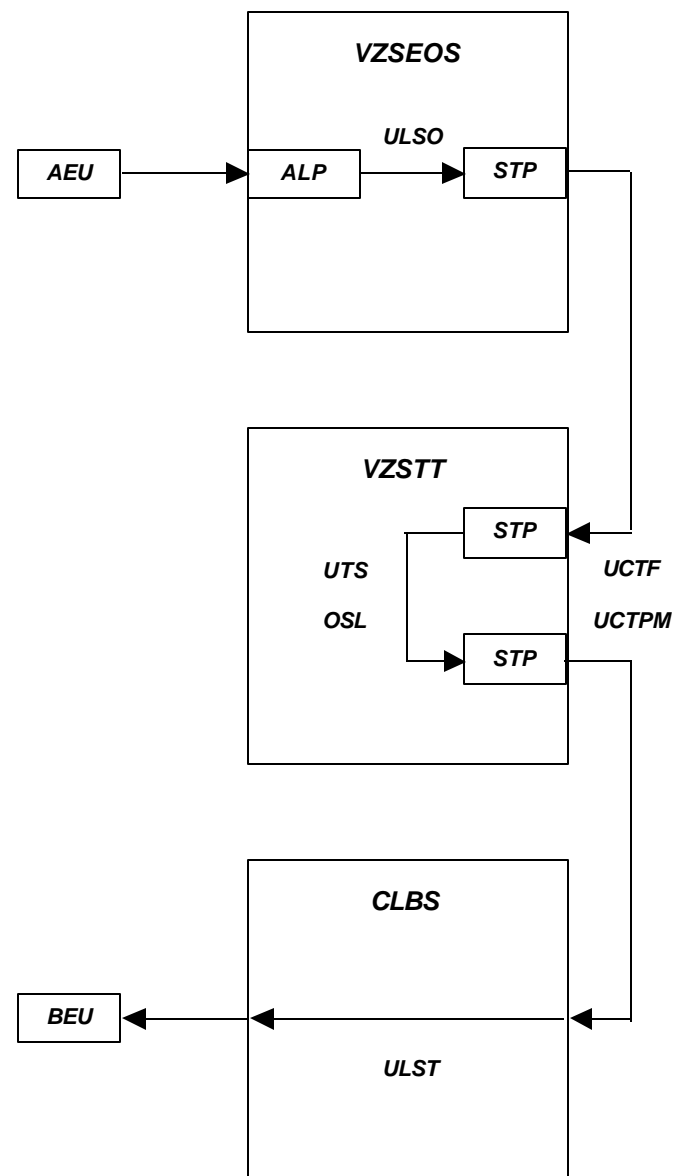
Shared Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS to CLBS.

Facilities based CLEC B will bill Verizon South a Reciprocal Compensation Charge for such calls delivered by Verizon South, and Verizon South will bill UNE CLEC A ULST. This applies to all UNE 0- calls terminating in a CLEC switch in Verizon South.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-10

OPERATOR SERVICES - LIVE

0- IntraLATA Sent Paid Call

From UNE CLEC A End User

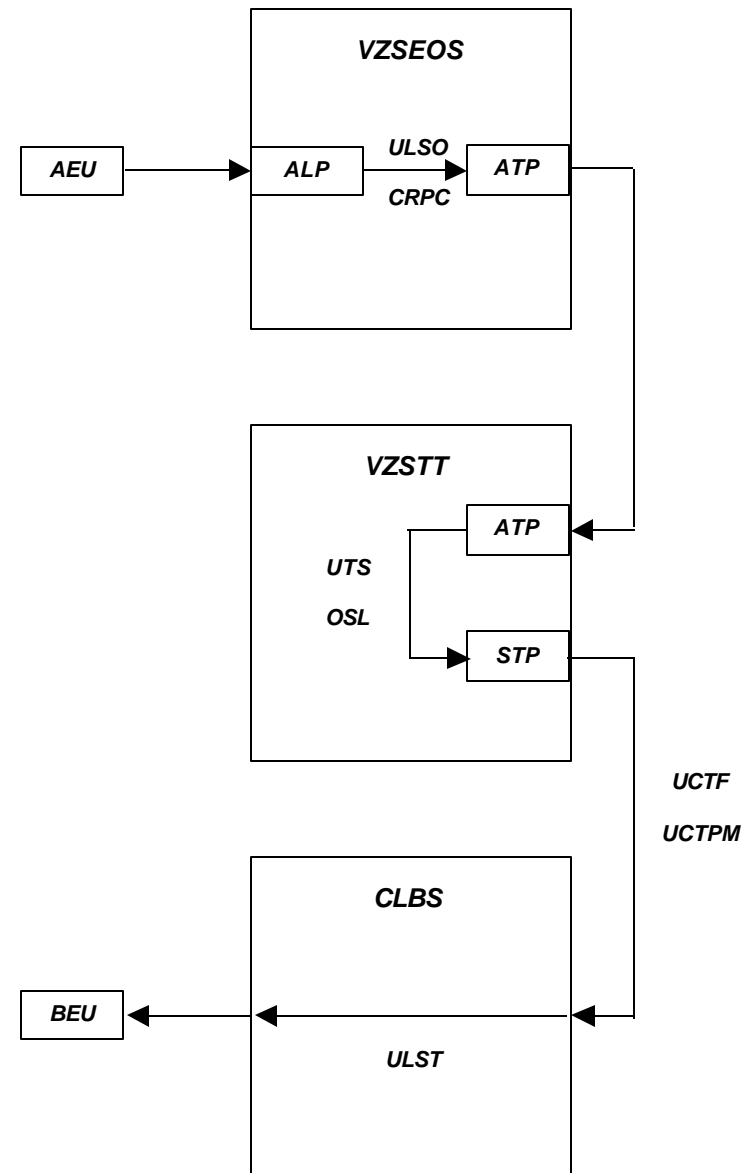
To CLEC B End User served by CLEC B switch

Dedicated Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to CLBS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-11

OPERATOR SERVICES - LIVE

0- IntraLATA Calling Card Call

From UNE CLEC A End User

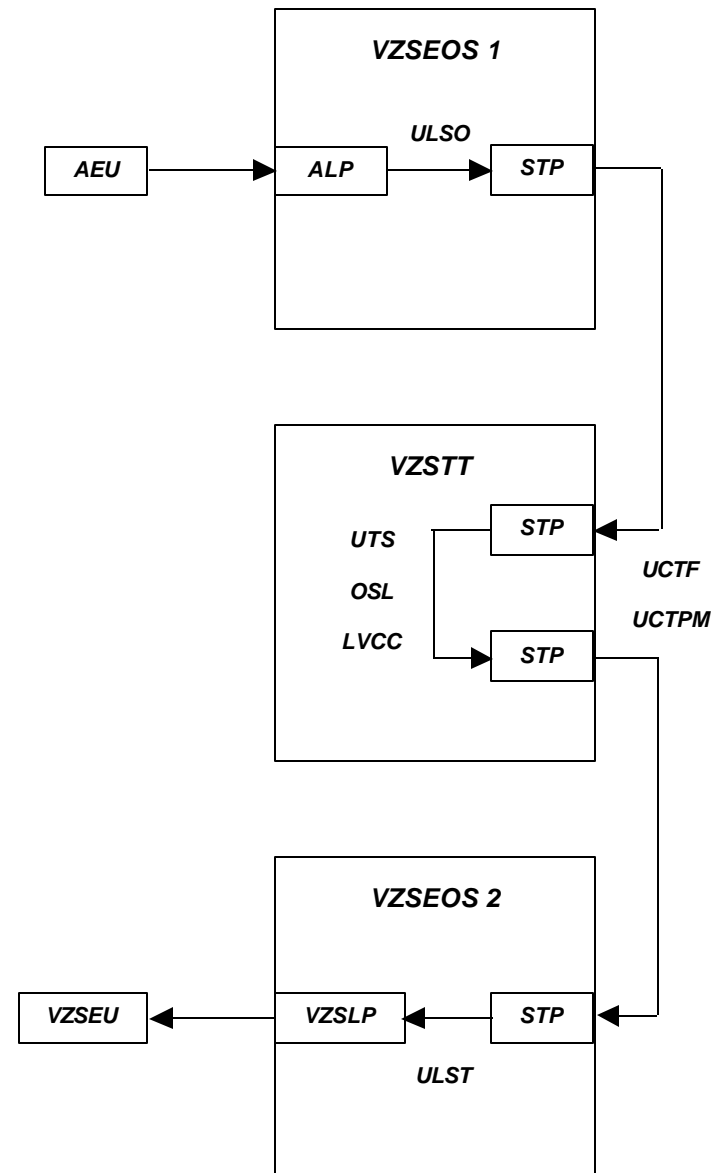
To Verizon South End User

Shared Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-12

OPERATOR SERVICES - LIVE

0- IntraLATA Calling Card Call

From UNE CLEC A End User

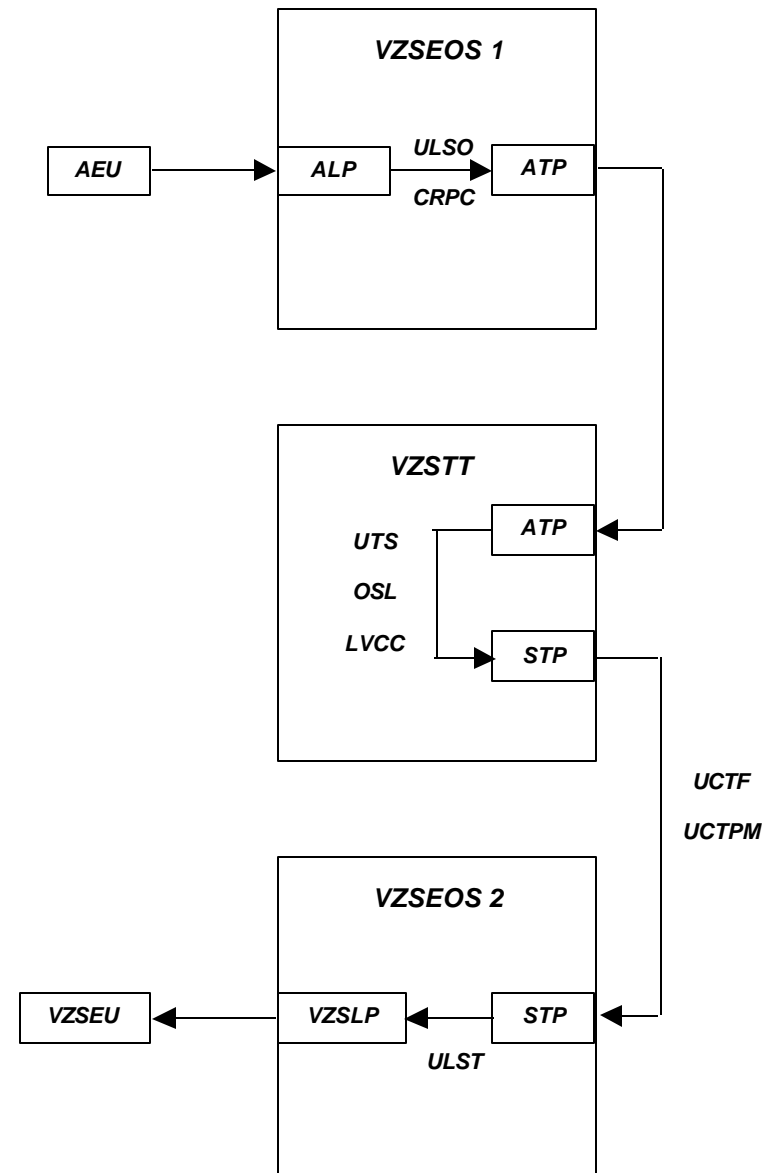
To Verizon South End User

Dedicated Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-13

OPERATOR SERVICES - LIVE

0- IntraLATA Calling Card Call

From UNE CLEC A End User

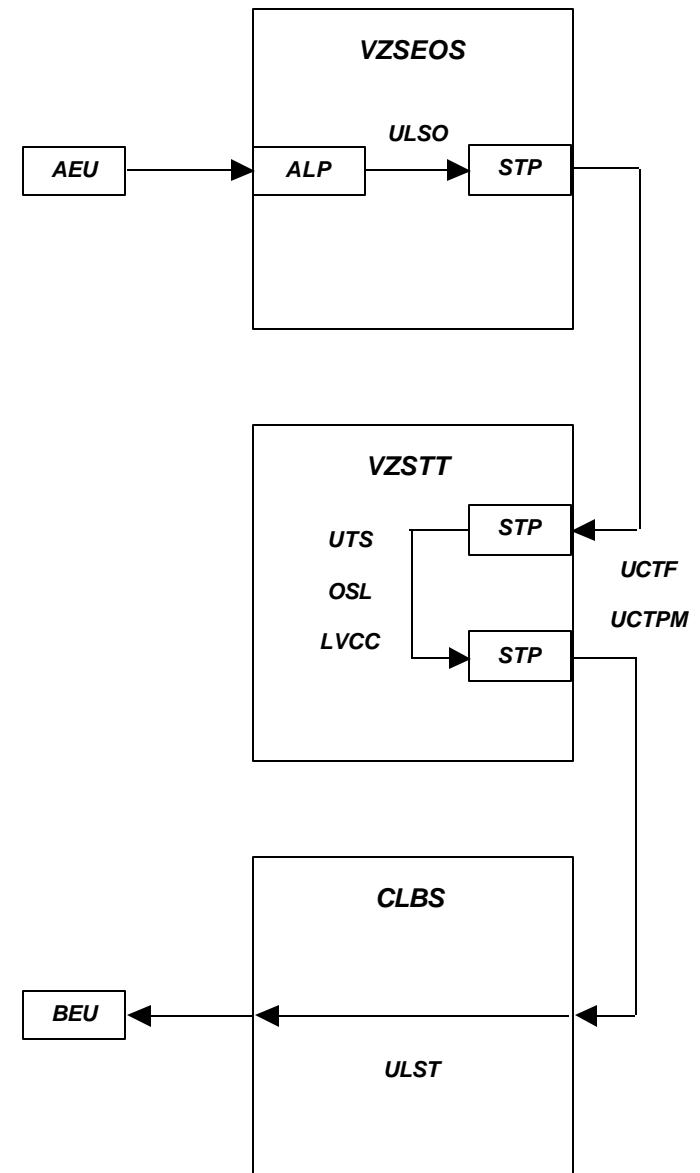
To CLEC B End User served by CLEC B switch

Shared Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS to CLBS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-14

OPERATOR SERVICES - LIVE

0- IntraLATA Calling Card Call

From UNE CLEC A End User

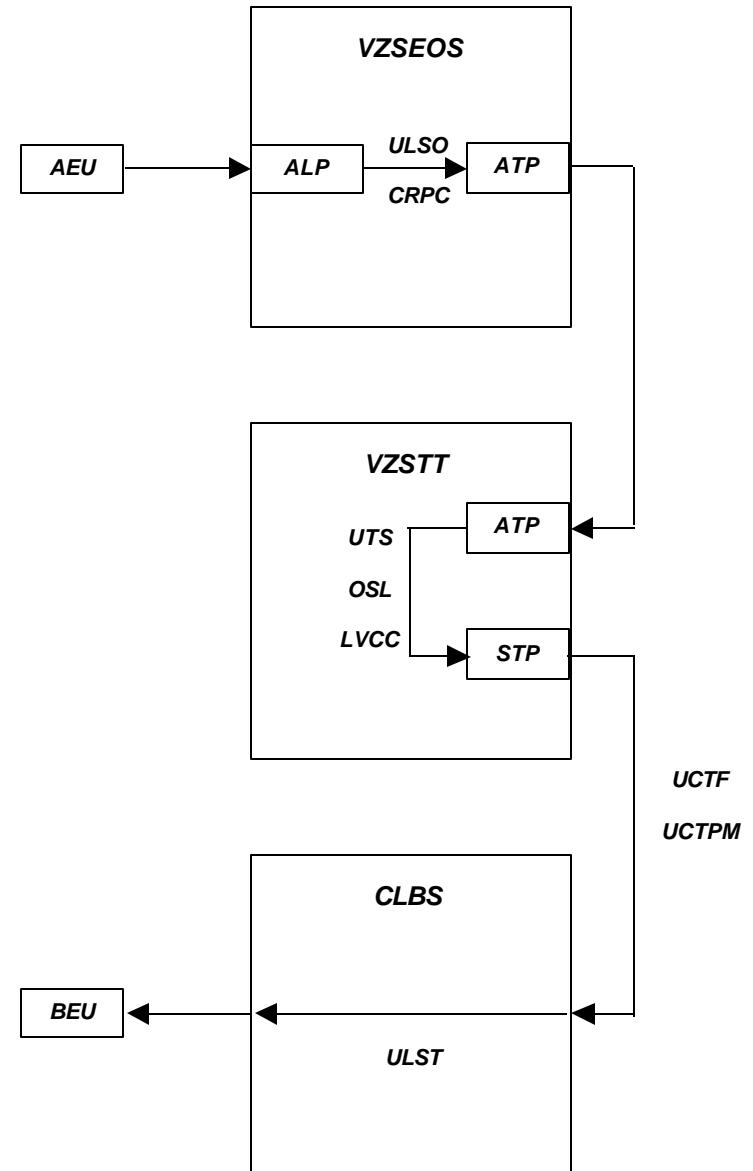
To CLEC B End User served by CLEC B switch

Dedicated Trunk Port

Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, LVCC, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to CLBS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

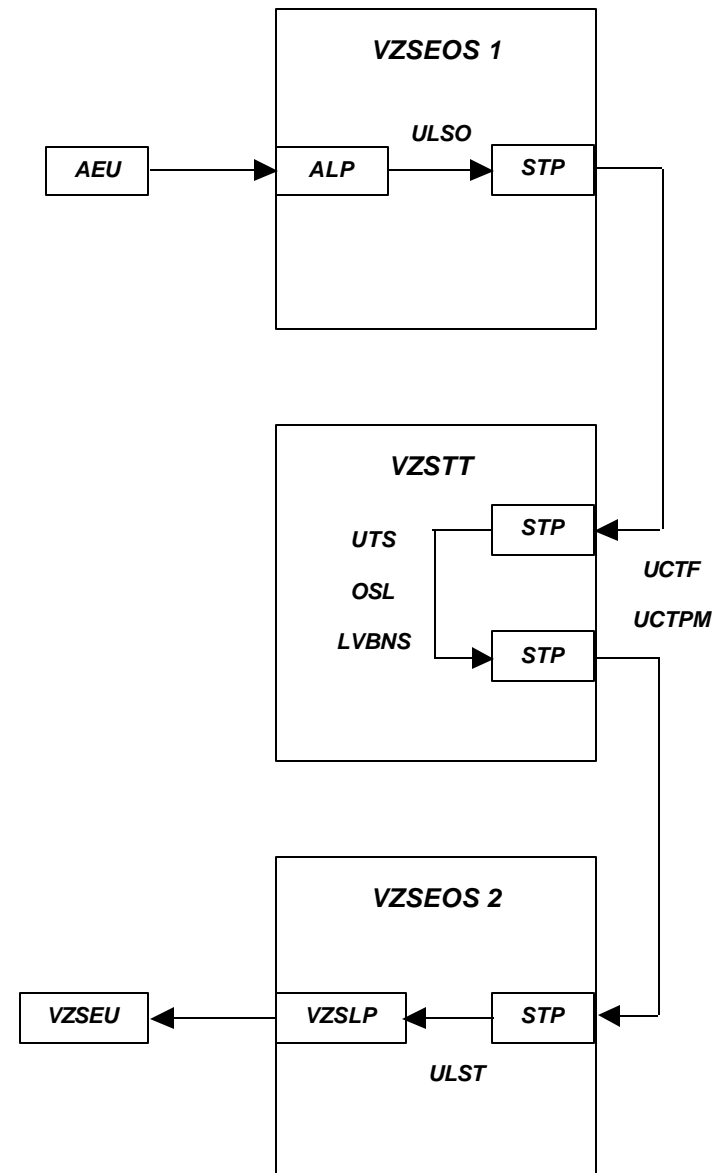
G-15

OPERATOR SERVICES - LIVE

0- IntraLATA Collect or Bill To Third Call
From UNE CLEC A End User
To Verizon South End User
Shared Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

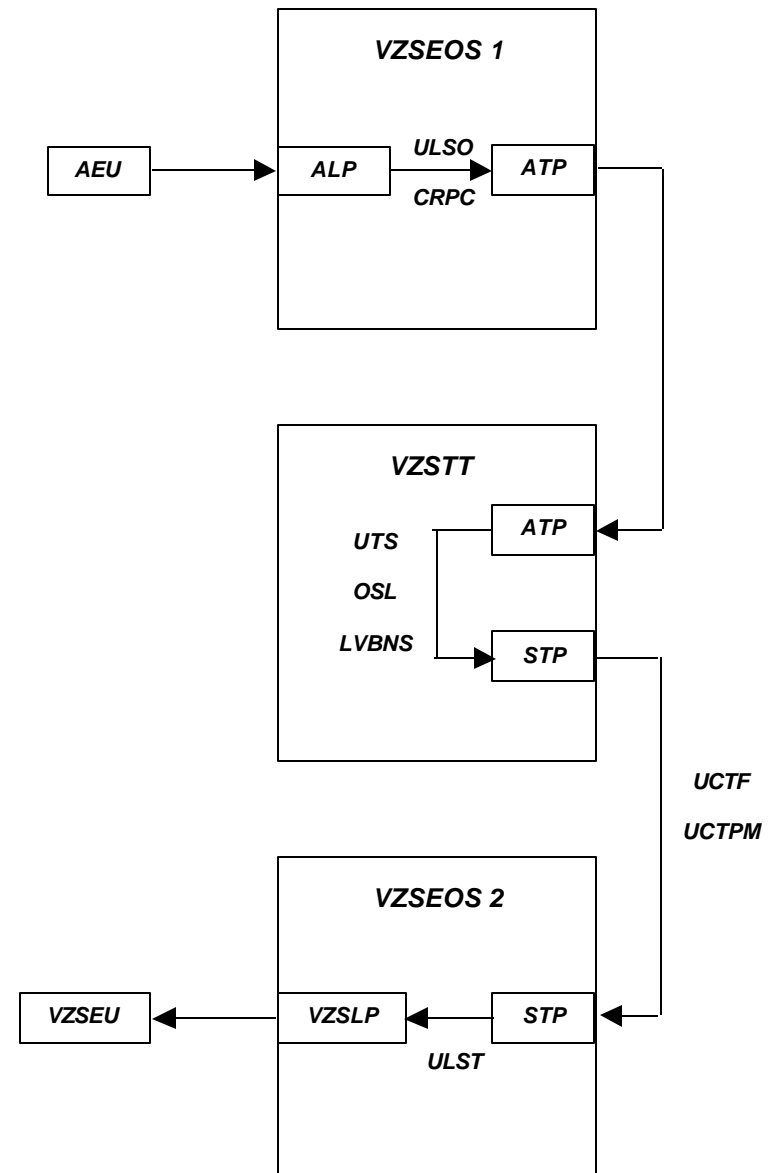


OPERATOR SERVICES - LIVE

0- IntraLATA Collect or Bill To Third Call
From UNE CLEC A End User
To Verizon South End User
Dedicated Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to VZSEOS 2.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

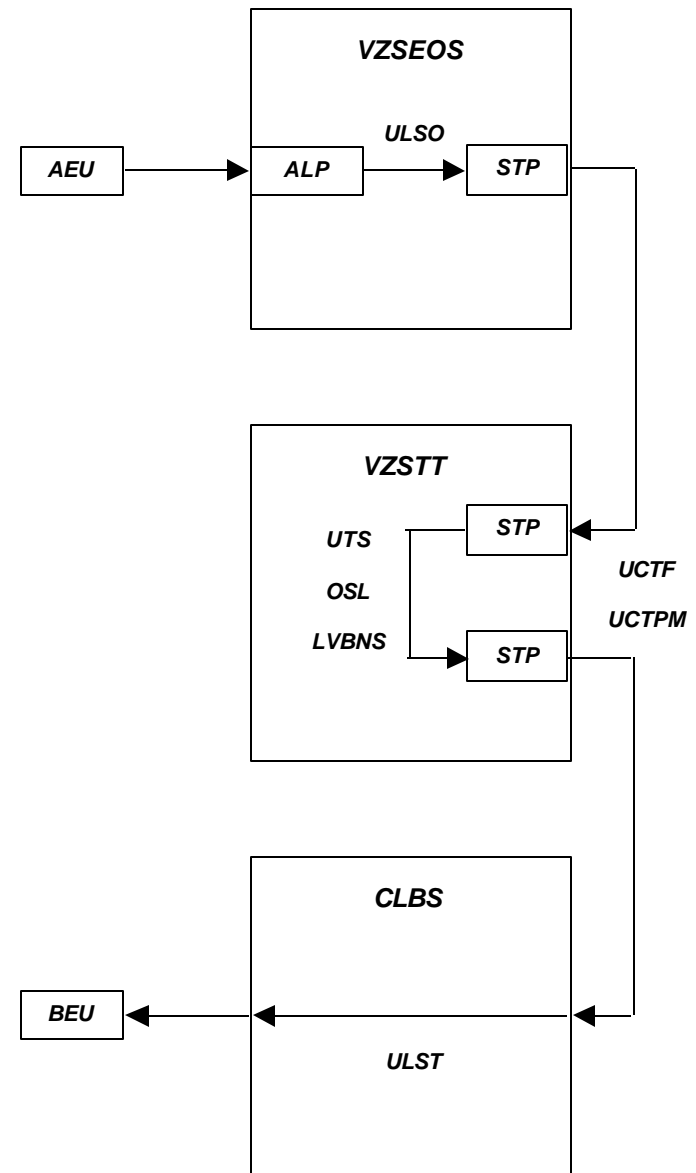
G-17

OPERATOR SERVICES - LIVE

0- IntraLATA Collect or Bill To Third Call
From UNE CLEC A End User
To CLEC B End User served by CLEC B switch
Shared Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, UTS, OSL, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS to CLBS.



UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

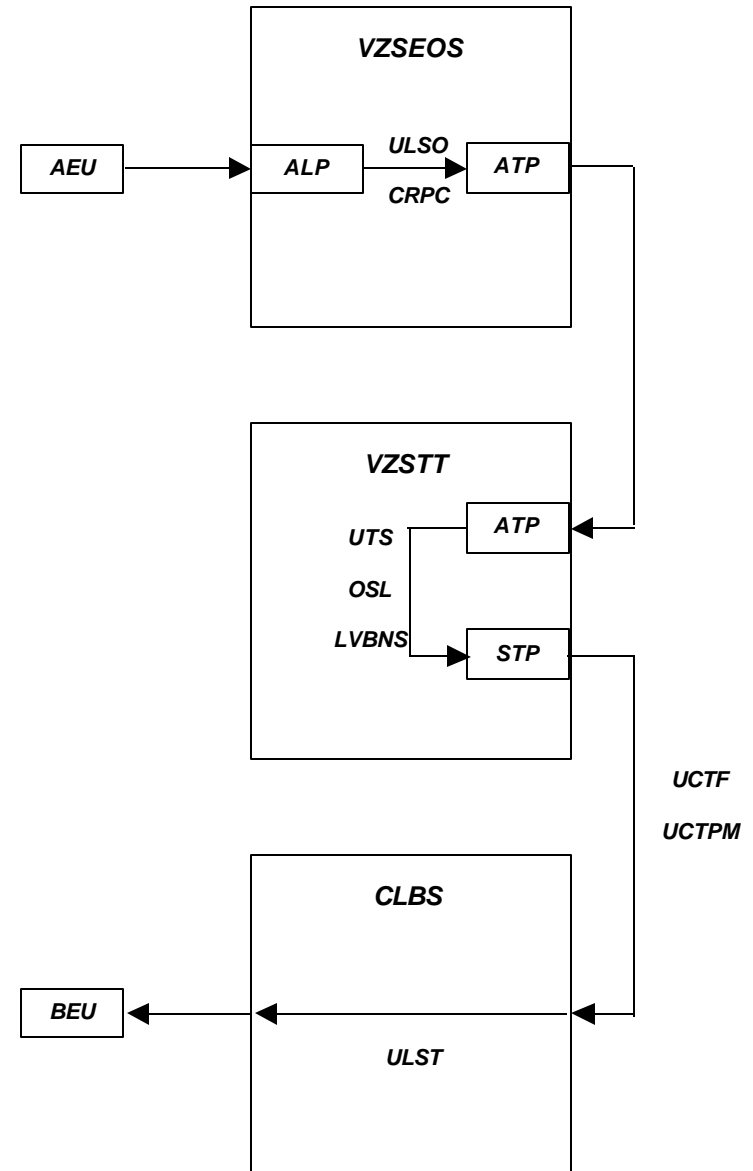
G-18

OPERATOR SERVICES - LIVE

0- IntraLATA Collect or Bill To Third Call
From UNE CLEC A End User
To CLEC B End User served by CLEC B switch
Dedicated Trunk Port
Verizon Operator Handled Call Completion

In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO, CRPC, UTS, OSL, LVBNS, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSTT to CLBS.



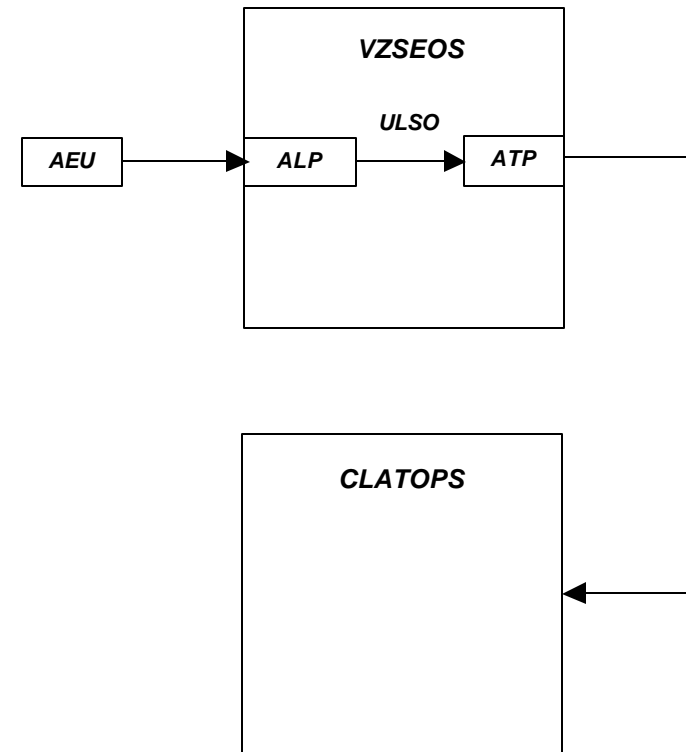
UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

G-19

OPERATOR SERVICES - LIVE

0- CLEC Operator Handled
From UNE CLEC A End User
Dedicated Trunk Port
Call Custom Routed to CLEC A TOPS

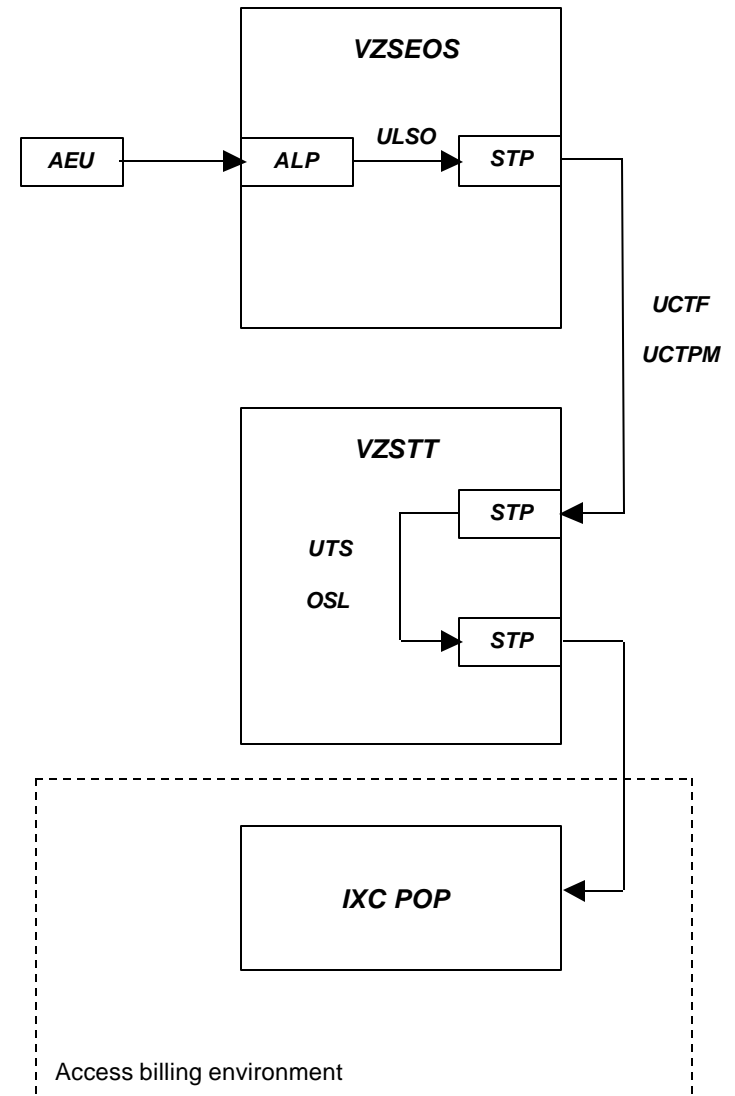
In this scenario UNE CLEC A owns call, receives DUF record and is billed ULSO.



G-20

0- Verizon Operator Handled Access Call
From UNE CLEC A End User
Shared Trunk Port
To IXC POP

*** Note: Due to current system limitations, UCTPM in this scenario will be calculated using a 0 mileage factor until further notice.**



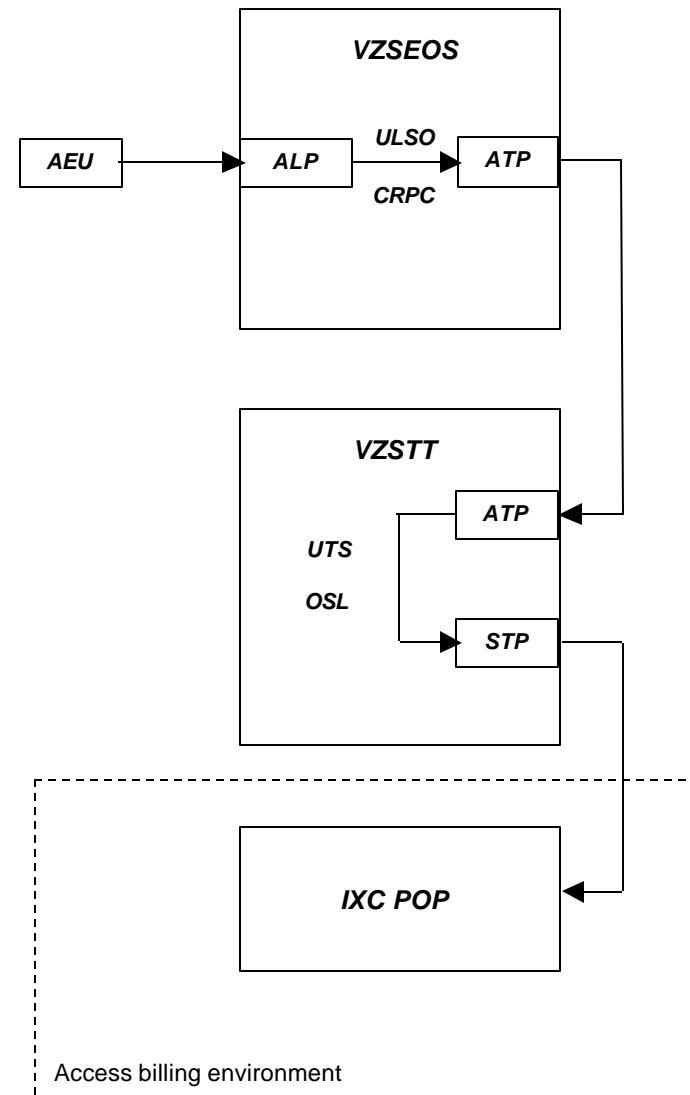
OPERATOR SERVICES - LIVE

0- Verizon Operator Handled Access Call
From UNE CLEC A End User
Dedicated Trunk Port
To IXC POP

In this scenario IXC owns call. UNE CLEC A receives DUF record and is billed ULSO, CRPC, UTS and OSL.

Call transport from VZSTT to IXC POP is billed in the access billing environment.

This scenario occurs when a UNE CLEC end user dials 0, contacts a Verizon operator and requests connection to an IXC operator.



OPERATOR SERVICES - LIVE

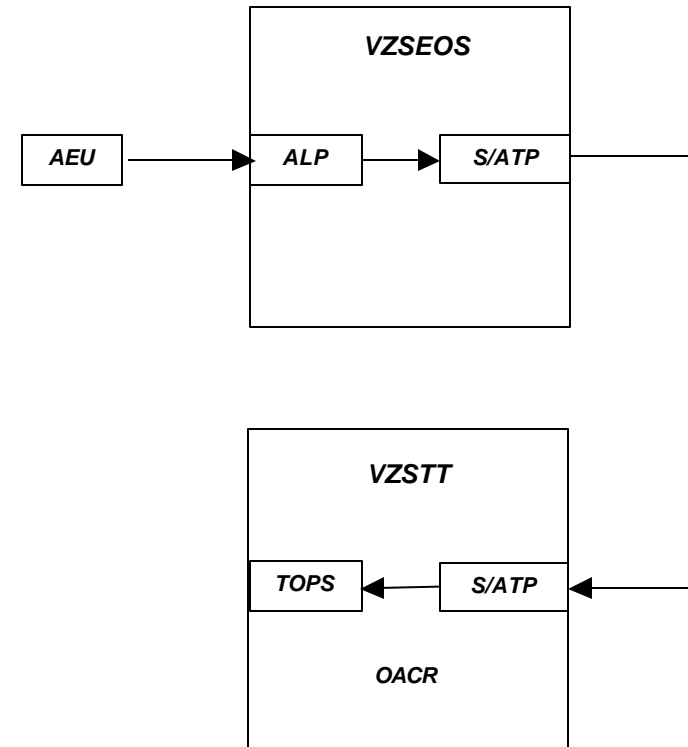
**Operator Applied Credit for Wrong Number
From UNE CLEC A End User
Shared or Dedicated Trunk Port
Call Routed to Verizon South DA TOPS**

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are applied.

The DUF credit record includes the following:

- **Wrong Number indicator**
- **Minutes of use that may be credited by the UNE CLEC to the end user.**



OPERATOR SERVICES - LIVE

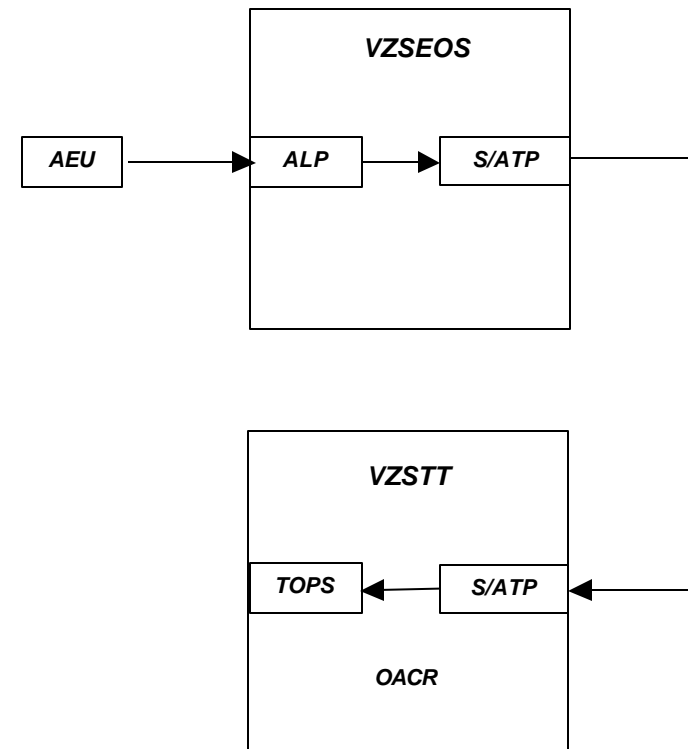
Operator Applied Credit for Poor Transmission
From UNE CLEC A End User
Shared or Dedicated Trunk Port
Call Routed to Verizon South DA TOPS

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are applied.

The DUF credit record includes the following:

- Poor Transmission indicator
- Minutes of use that may be credited by the UNE CLEC to the end user.



OPERATOR SERVICES - LIVE

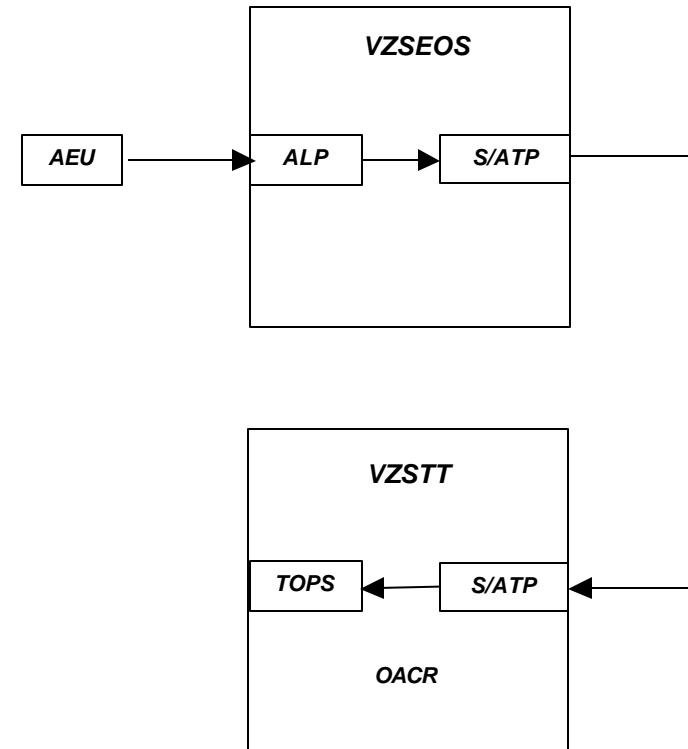
Operator Applied Credit for Call Cut Off
From UNE CLEC A End User
Shared or Dedicated Trunk Port
Call Routed to Verizon South DA TOPS

In this scenario UNE CLEC A owns operator applied credit, receives DUF credit record and is credited OACR.

No unbundled usage charges are applied.

The DUF credit record includes the following:

- Call Cut Off indicator
- Minutes of use that may be credited by the UNE CLEC to the end user.



Special Services

UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

H-1

SPECIAL SERVICES

Automated Coin Toll Call

From UNE CLEC A End User

Shared or Dedicated Trunk Port

**Same call flows, parameters and charges
as indicated in all applicable call
scenarios, plus OSA.**
