



GTE Telephone Operations
Florida Operation

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January 22, 1996

Ms. Blanca S. Bayo, Director
Division of Records & Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

ORIGINAL
FILE COPY

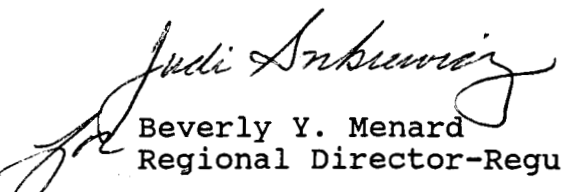
Dear Ms. Bayo:

**Subject: DOCKET NO. 950737-TP
INVESTIGATION INTO TEMPORARY LOCAL NUMBER PORTABILITY
SOLUTION TO IMPLEMENT COMPETITION IN LOCAL EXCHANGE
TELEPHONE MARKETS**

Please find enclosed for filing a copy of GTE Florida Incorporated's "Draft" Procedures as ordered on December 28, 1995 in the above mentioned docket.

If we can be of further assistance, please contact Judi Ankiewicz of my staff at (813) 224-7406.

Sincerely,


Beverly Y. Menard
Regional Director-Regulatory & Industry Affairs

BYM:JBA:wjh

Enclosures

cc: Monica Barone
Stan Greer

DOCUMENT NUMBER-DATE

00795 JAN 23 96

FPSC-RECORDS/REPORTING

**GTE FLORIDA
TEMPORARY LOCAL TELEPHONE
NUMBER PORTABILITY
PROCEDURES**

DRAFT -DRAFT -DRAFT

OVERVIEW

Service Provider Number Portability (SPNP) is ordered in conjunction with Local Interconnection trunks and allows the ALEC to bypass GTE's facilities while the end user retains their current telephone number. GTE will provide SPNP using the fixed Remote Call Forwarding function. Attachment I is a flow chart describing the Ordering, Billing and Repair procedures.

ORDERING

SPNP service will be ordered using the Local Service Request (LSR) form, Attachment II (pages 1-18), via mail, fax, or E-mail script file. The form will be sent to the National Open Market Center (NOMC) in Durham, NC. Upon receipt of a valid LSR, the NOMC will remove billing for the requested service to the end user and begin billing SPNP and any applicable service charges to the ALEC.

It is the responsibility of the ALEC to submit directory listings, directory assistance, and E911 information, to the appropriate location for each SPNP request.

BILLING

SPNP will be billed through the Centralized Billing Services System (CBSS) system via a consolidated summary bill. Bill inquiry will be handled in the NOMC located in Durham, NC.

TROUBLE REPORTING

SPNP repair calls from the ALEC will be handled through the Customer Care Center. Upon receipt of a repair call the Customer Care Center will check service in the switch to verify the number is forwarded to the correct location. Service is repaired as required: the repair report is cleared with a call-through or a repair person is dispatched to the switching office when necessary.

911 INFORMATION

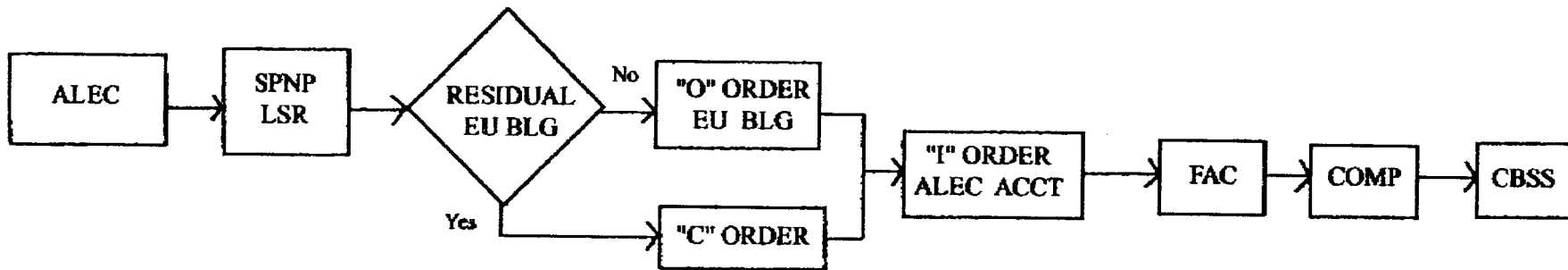
See Draft Procedure, Attachment III, pages 1-25.

DOCUMENT NUMBER-DATE

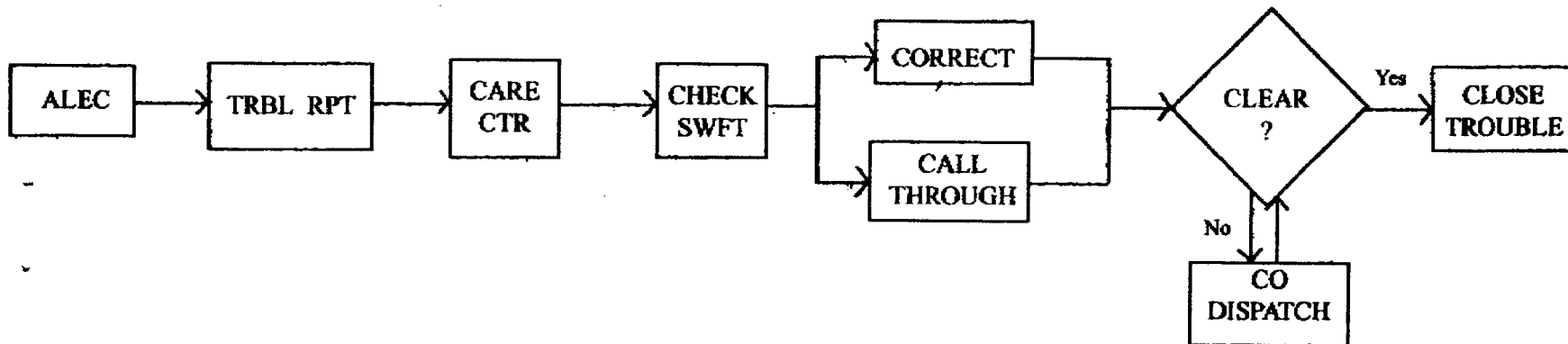
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FPSC-RECORDS/REPORTING

Ordering and Billing - SPNP



Repair - SPNP





LOCAL SERVICE REQUEST (SPNP)

ADMINISTRATIVE SECTION

CCNA _____ PON _____ VER _____ SVC
CTR _____

D/T/SENT _____ DDD _____ FDT _____ LSR NO _____

REQTYP _____ SUP _____ AFO _____ AGAUTH _____ DATED _____ PROJECT _____

CLS-SVC _____ CCVN _____ EXP _____

PROVIDER NAME _____

QTY _____ ALBR _____ SCA _____

BAN _____ RPON _____ RORD _____

TSP _____ SAN _____

REMARKS _____

1 to 2

BILLING SECTION

BILLING NAME _____ ACNA _____ TE _____

SEC BILLING NAME _____

STREET _____ FLOOR _____ ROOM _____

CITY _____ ST _____ ZIP _____

BILL CONTACT _____ TEL NO. _____

EU BILL NAME _____

STREET _____ FLOOR _____ ROOM _____

CITY _____ ST _____ ZIP _____



LOCAL SERVICE REQUEST (SPNP)

CONTACT SECTION

CCNA _____ PON _____ VER _____ SVC CTR _____

INITIATOR _____ TEL NO. _____ FAX NO. _____

STREET _____ FLOOR _____ ROOM _____

CITY _____ ST _____ ZIP _____

DSGCON _____ TEL NO. _____

STREET _____ FLOOR _____ ROOM _____ DRG _____

CITY _____ ST _____ ZIP _____

IMPCON _____ TEL NO. _____

SERVICE DETAIL SECTION

ACT _____ LSO _____

EU TEL NO

SPNP TEL NO

AUTHOR:
THIRD NO

COLLECT

REMARKS

2 of 18

1

ADMINISTRATIVE SECTION:

CCNA - Customer Name Abbreviation

Identifies the COMMON LANGUAGE IAC code for the customer submitting the LSR receiving the FOC.

Usage: This field is required

Data Characteristics: 3 alpha characters

PON - Purchase Order Number

Identifies the customer's unique purchase order or requisition number that authorizes the issuance of this request or supplement.

Usage: This field is required

Data Characteristics: 16 alpha/numeric characters

VER - Version

Identifies the customer's version number

Usage: This field is conditional.

Data Characteristics: 2 alpha/numeric characters.

LSR NO - Local Service Request Number

Usage: This field is under review for inclusion on the form

Data Characteristics: 18 alpha/numeric character

D/T SENT - Date and Time Sent

Identifies the date and time that the request is sent by the customer

Usage: This field is required

Data Characteristics: 15 alpha/numeric characters

2

.....
DDD - Desired Due Date

Identifies the customer's desired due date.

Usage: This field is optional

Data Characteristics: 8 numeric characters

.....
SVC CTR - Service Center

Identifies the local service provider's service center.

Usage: This field is required

Data Characteristics: 4 alpha/numeric characters

.....
FDT - Frame Due Time

Identifies special handling instructions for the connection or disconnection of this request, such as time of day, when service should be disconnected.

VALID ENTRIES:

AM or PM

Note 1: This field is valid only upon request by the end user for a specific request time for coordinated conversion or service turn-up.

Usage: This field is optional

Data Characteristics: 6 alpha/numeric characters

.....
PROJECT - Project

Identifies the project to which the request is to be associated.

Usage: This field is optional

Data Characteristics: 16 alpha/numeric characters

CCVN - Coordinated Conversion

Identifies the request as being a coordinated conversion , reusing a portion of an existing access service configuration for the provisioning of new service.

VALID ENTRIES:

Y or N

Usage: This field is optional

Data Characteristics: 1 alpha characters

REQTYP - Request Type

Identifies the type of service being requested and the status of the request.

VALID ENTRIES:

To be determined

Usage: This field is required

Data Characteristics: 2 alpha characters

CLS-SVC - Class of Service

Identifies the class of service for the requested service.

VALID ENTRIES:

- BD - Business ISDN
- BK - Business Key Line
- BL - Business Line
- BP - Business PBX
- CE - Centranet
- RL - Residence Line
- RK - Residence Key Line

Usage: This field is required

Data Characteristics: 2 alpha characters

4

ACT - Activity

Identifies the activity involved in this service request.

VALID ENTRIES:

<u>Entry</u>	<u>Exempt From</u>
N	New
D	Disconnect
M	Inside Move
T	Outside Move
C	Change
R	Records

Usage: This field is required

Data Characteristics: 1 alpha character

SUP - Supplement

A supplement is any new iteration of an LSR.

VALID ENTRIES

To be determined

Usage: This field is conditional

Data Characteristics: 1 numeric character

EXP - Expedite

Indicates that expedited treatment is requested and any charges generated in provisioning this request (e.g., additional engineering charges or labor charges if applicable) will be accepted.

VALID ENTRIES:

<u>Entry</u>	<u>Exempt From</u>
Y	Expedite Requested and Expedite Charges Authorized

Usage: This field is optional

Data Characteristics: 1 alpha character

.....

AGAUTH - Agency Authorization

Indicates that the service requestor has authorization to act as a customer's agent.

VALID ENTRIES:

Y

Usage: This field is conditional

Data Characteristics: 1 alpha character

.....

DATED - Date of Agency Authorization

Identifies the date appearing on the agency authorization which was previously submitted to the LSP.

Usage: This field is conditional

Data Characteristics: 8 numeric characters (including 2 preprinted hyphens)

.....

RPON - Related Purchase Order Number

Identifies the PON of a related Access Service Request.

Usage: This field is conditional

Data Characteristics: 16 alpha/numeric characters

.....

RORD - Related Order Number

Identifies a related LSP order number

Usage: This field is conditional

Data Characteristics: 17 alpha/numeric characters

.....

TSP - Telecommunication Service Priority

Indicates the provisioning and restoration priority as defined under the TSP Service Vendor Handbook.

Usage: This field is optional

Data Characteristics: 12 alpha/numeric characters (including 1 preprinted hyphen)

6

SAN - Subscriber Authorization Number

Identifies a number equivalent to the End User Purchase Order Number.

Usage: This field is optional

Data Characteristics: 30 alpha/numeric characters

REMARKS - Remarks

Identifies a free flowing field which can be used to expand upon and clarify other data on this form.

Usage: This field is optional

Data Characteristics: 186 alpha/numeric characters

BAN - Billing Account Number

Identifies the billing account to which the recurring and non-recurring charges for this request will be billed

Usage: This field is required

Data Characteristics: 12 Alpha/numeric characters

QTY - Quantity

Identifies the quantity of telephone numbers involved in or affected by this service request.

Usage: This field is required

Data Characteristics: 7 numeric characters

ALBR - Additional Labor

Indicates that additional labor is requested and charges will be accepted in conjunction with the Local Service Request, (e.g., Sunday or out of normal business hour installation is being requested).

VALID ENTRIES:

To be determined

Usage: This field is conditional

Data Characteristics: 1 numeric character

7

SCA - Special Construction Authorized

Indicates that special construction charges are authorized if required.

VALID ENTRIES:

<u>Entry</u>	<u>Indicates</u>
Y	Allow charges

Usage: This field is optional

Data Characteristics: 1 alpha character

CONTACT SECTION

INIT - Initiator Identification

Identifies the service requestor's employee who originated this request.

Usage: This field is required

Data Characteristics: 15 alpha/numeric characteristics

TEL NO - Initiator's Telephone Number

Identifies the telephone number of the service requestor's employee who initiated this request.

Usage: This field is required.

Data Characteristics: 17 numeric characters (including 3 preprinted hyphens)

FAX NO - Initiator's Facsimile Number

Identifies the initiators's facsimile number

Usage: This field is required

Data Characteristics: 12 numeric characters (including 3-preprinted hyphens)

STREET - Initiator's Street Address

Identifies the initiator's street address

Usage: This field is required

Data Characteristics: 25 alpha/numeric characters

FLOOR - Initiator's Floor

Identifies the floor of the initiator's address.

Usage: This field is optional

Data Characteristics: 3 alpha/numeric characters

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ROOM - Initiator's Room

Identifies the room of the initiator's address

Usage: This field is optional

Data Characteristics: 6 alpha/numeric characters

CITY - Initiator's City

Identifies the city, village, township, etc. of the initiator's address.

Usage: This field is required

Data Characteristics: 25 alpha characters

STATE - Initiator's State

Identifies the two character postal code for the state of the initiator's address

Usage: This field is required

Data Characteristics: 2 alpha characters

ZIP CODE - Initiator's Zip Code

Identifies the zip code or postal code of the initiator's address

Usage: This field is required

Data Characteristics: 10 alpha/numeric characters

DSGCON - Design/Engineering Contact

Identifies the employee of the service requestor or agent that should be contacted on design/engineering matters and to whom the Design Layout Report will be sent.

Usage: This field is conditional

Data Characteristics: 15 alpha/numeric characters

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TEL NO -Telephone Number

Identifies the telephone number of the service requestor employee, office, or agent that should be contacted on design/engineering matters.

Usage: This field is conditional

Data Characteristics: 17 numeric characters (including 3 preprinted hyphens)

STREET - Street Address

Identifies the street address for the design/engineering contact.

Usage: This field is conditional

Data Characteristics: 25 alpha/numeric characters

DRC - Design Routing Code

Identifies the service requestor location routing code for the Design Contact for this request.

VALID ENTRIES:

GTE does not use this field at this time

Usage: This field is conditional

Data Characteristics: 3 alpha/numeric characters

FLOOR - Floor

Identifies the floor of the design/engineering contact's address.

Usage: This field is conditional

Data Characteristics: 3 alpha/numeric characters

ROOM - Room

Identifies the room of the design/engineering contact's address.

Usage: This field is conditional

Data Characteristics: 6 alpha/numeric characters

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CITY - City

Identifies the city, village, township, etc. of the design/engineering contact's address.

Usage: This field is conditional

Data Characteristics: 25 alpha characters

STATE - State

Identifies the two character postal code for the state of the design/engineering contact's location.

Usage: This field is conditional

Data Characteristics: 2 alpha characters

ZIP CODE - Zip Code

Identifies the zip code or postal code of the design/engineering contact's address.

Usage: This field is conditional

Data Characteristics: 10 alpha/numeric characters

IMPCON - Implementation Contact

Identifies the service requestor employee or office responsible for control of installation and completion.

Usage: This field is required

Data Characteristics: 15 alpha/numeric characters

TEL NO - IMPCON's Telephone Number

Identifies the telephone number of the implementation contact.

Usage: This field is required.

Data Characteristics: 17 numeric characters (including 3 preprinted hyphens)

BILLING SECTION

ACNA - Access Customer Name Abbreviation

Identifies the COMMON LANGUAGE code of the Service Requestor to which the bill is to be rendered.

Usage: This field is required

Data Characteristics: 3 alpha characters

BILLNM - Billing Name

Identifies the name of the person, office, or company to whom the End User has designated that the bill be sent.

Usage: This field is conditional

Data Characteristics: 25 alpha/numeric characters

SBILLNM - Secondary Billing Name

Identifies the name of a department or group within the designated BILLNM entry.

Usage: This field is optional

Data Characteristics: 25 alpha/numeric characteristics

TE - Tax Exemption

Indicates that the end user has submitted a tax exemption form to the Service Provider

VALID ENTRIES:

<u>Entry</u>	<u>Exempt From</u>
F	Federal
S	State
C	County or Local
M	Municipal
A	F & S
B	F & C
K	F & M
D	F & S & C
E	F & S & M
G	F & S & C & M
H	S & C
I	S & M
J	C & M
L	Letter on File
N	Non Exempt

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P S & C & M

Usage: This field is required

Data Characteristics: 1 alpha character

STREET - Street Address

Identifies the street of the billing address associated with the billing name.

Usage: This field is required

Data Characteristics: 25 alpha/numeric characters

FLOOR - Floor

Identifies the floor for the billing address associated with the billing name.

Usage: This field is optional

Data Characteristics: 3 alpha/numeric characters

ROOM - Room

Identifies the room for the billing address associated with the billing name.

Usage: This field is optional

Data Characteristics: 6 alpha/numeric characters

CITY - Listed Address City

Identifies the city, village, township, etc. of the billing name.

Usage: This field is required

Data Characteristics: 25 alpha characters

STATE - Listed Address State

Identifies the two postal code for the state of the state of the billing address associated with the billing name.

Usage: This field is required

Data Characteristics: 2 alpha characters

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ZIP CODE - Zip code

Identifies the zip code or postal code of the billing address associated with the billing name.

Usage: This field is required

Data Characteristics: 10 alpha/numeric characters

BILLCON - Billing Contact

Identifies the name of the person or office to be contacted on billing matters.

Usage: This field is required

Data Characteristics: 15 alpha/numeric characters

TEL NO - Telephone Number

Identifies the telephone number for the billing contact.

Usage: This field is required

Data Characteristics: 17 numeric characters (including 3 preprinted hyphens)

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SERVICE DETAIL

EU CUR TEL NO -End User Current Telephone Number

Identifies the telephone number for this service request.

Usage: This field is required.

Data Characteristics: 12 numeric characters (2 pre-printed hyphens)

LSO - Local Serving Office

Identifies the NPA/NXX of the serving central office of the end user location.

Usage: This field is required for new service.

Data Characteristics: 6 numeric characters

SPNP TEL NO - Service Provider Number Portability Telephone Number

Identifies the telephone number assigned by the alternate service provider. This is the number to which calls will be ported.

Usage: This field is required.

Data Characteristics: 10 numeric characters

AUTHOR:

Identifies the alternate service provider's authorization for billing arrangements on ported numbers.

THIRD NO - Third Number

Identifies the alternate service provider's authorization to accept charges which are billed to the current telephone number as third number billing arrangement.

Usage: This field is required.

Data Characteristics: 1 alpha character, valid entries are "y" or "n"

COLLECT

16

Identifies the alternate service provider's authorization to accept charges which are billed to the current telephone number as collect billing arrangement.

Usage: This field is required.

Data Characteristics: 1 alpha character; valid entries are "y" or "n".

3, January 1996

DRAFT

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Enhanced 9-1-1 Standards for Data Exchange

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4.6 Alternate Local Exchange Carrier data exchange record.
4.7 Alternate Local Exchange Carrier Record field definitions.

1. General

DRAFT

1.1 Purpose

This practice:

- Describes GTE's role in Enhanced 9-1-1 (E9-1-1) database development.
- Defines the technical requirements for data exchange between GTE and non-GTE service providers.

NOTE: When a non-GTE entity requests data in a format inconsistent with the GTE E9-1-1 data standards defined in this practice, the request is considered "custom-tailored," and all costs incurred by GTE are assessed to the requestor.

1.2 Filing Instructions and Supersedures

Discard all previous issues and associated addenda of this practice and file this issue numerically in your GTE Telephone Operations practices set.

This practice supersedes and cancels:

- All policies, procedures, general instructions, letters, and memoranda which address this subject.
- Any document which provides information contrary to the information contained in this practice.

1.3 Reason for Reissuing

This practice has been reissued to incorporate multiple changes in the content. Read this entire practice to ensure your familiarity with the new information.

1.4 Responsibility

This practice was published by the GTE Telephone Operations Administrative Services Department. For more information about this practice, contact the Headquarters Customer Operations Systems Department.

1.5 Disclaimer

This practice was prepared solely for the use of GTE Telephone Operations. It must be used only by its employees, contractors, customers and end users, when installing, operating, maintaining, and repairing GTE Telephone Operations' equipment, facilities and services. Any other use of this practice is forbidden. The information contained in this practice may not be applicable in all circumstances and is subject to change without notice. By using this practice the user agrees that GTE Telephone Operations will have no liability (to the extent permitted by applicable law) for any consequential, incidental, special, or punitive damages that may result.

2. Overview

2.1 Definitions

The following chart provides definitions for the acronyms and terms used in this practice.

Acronym or Term	Definition
A	Alphabetic
ALI	Automatic Location Information

(continued)

**2.1
Definitions,
continued**

Acronym or Term	Definition
AN	Alphanumeric
E9-1-1	Enhanced 9-1-1 (name, address, and telephone number displayed)
ESN	Emergency Service Number
FIPS	Federal Identification Postal System
FX	Foreign Exchange
MSAG	Master Street Address Guide
N	Numeric
NENA	National Emergency Number Association
Nonpub	Nonpublished
NPA	Numbering Plan Area
NXX	Central Office code
OPX	Off-Premises Extension
PBX	Private Branch Exchange
PSAP	Public Service Answering Point

**2.2
Database
Services**

GTE E9-1-1 database maintenance services consist of:

- Initial data file creation.
- Daily or cyclical data file updates.
- Post-load error correction.

**2.3
E9-1-1 Data
Validation**

GTE:

- Validates customer address information using the government-approved MSAG.
- Attaches the appropriate Emergency Service Number (ESN) and Public Service Answering Point (PSAP) indicators to each customer record.

**2.4
Host E9-1-1
Processing**

GTE offers database services to non-GTE telephone companies if provisions are made to recover GTE's processing expenses through:

- Independent telephone company agreements.
- Tariffs or legislation.
- Other contractual processes.

When GTE agrees to process non-GTE customer records or is mandated to do so by tariffs or legislation, GTE is considered the host telephone company.

2. Overview, continued

- 2.5**
Host Responsibility
- When GTE serves as the host, GTE:
- Validates both GTE and non-GTE customer records for the affected PSAP.
 - Merges data previously validated by a non-GTE telephone company with GTE-validated data.
 - Provides independent telephone companies with error retrieval and error reports of any non-GTE data that the Master Street Address Guide (MSAG) fails to validate.
 - Provides a single transmission of both GTE and non-GTE data to the PSAP database.
- 2.6**
Data Update Objective
- GTE must make every reasonable effort to forward:
- GTE customer data to an independent telephone company or PSAP within four business days of line activation.
 - Records failing to pass MSAG validation within six business days of line activation.
- 2.7**
E9-1-1 Data Verification
- GTE must perform annual comparisons of the PSAP resident ALI data and GTE customer records where PSAP data retrieval is possible.
- If GTE cannot retrieve the PSAP resident data, only a comparison of internal record systems will be performed.

3. Configurations

- 3.1**
Hardware and Software Requirements
- Hardware and software requirements must be coordinated with National Field Services.

4. Record Formats

- 4.1**
Header Data Record Format
- The format of the header record is as follows:

A.  **VERSION 1**

Name	Position	Bytes	Type
Header Indicator	1-5	5	UHL
Extract Date	6-11	6	MMDDYY
Company Name	12-61	50	AN
Cycle Counter	62-67	6	N

(continued)

4. Record Formats, continued

4.1

Header Data Record Format, continued

Name	Position	Bytes	Type
County ID	68-71	4	AN
State	72-73	2	A
General Use	74-93	20	AN
Reserved	94-159	66	
End of Record	160	1	* (This field is always an asterisk.)

- NOTES: 1. All fields are left-justified with trailing spaces except for the Cycle Counter. This field is right-justified with leading spaces.
2. Header records employ cycle-counting to ensure that no cycle of updates is missed.
3. When used with an Automatic Location Information (ALI) data file, the Reserved field is expanded to 146 bytes.

4.2

Trailer Data Record Format

B7 ~~ADD VERSION 2~~ (See attached pages 5A+6)

The format of the trailer record is as follows:

A. VERSION 1

Name	Position	Bytes	Type
Trailer Indicator	1-5	5	UTL
Extract Date	6-11	6	MMDDYY
Company Name	12-61	50	AN
Record Count	62-70	9	N
Reserved	71-159	89	AN
End of Record	160	1	* (This field is always an asterisk.)

- NOTES: 1. All fields are left-justified with trailing spaces except for the Record Count. This field is right-justified with leading spaces.
2. Trailer records employ record-counting to ensure that no record within an update file is missed.
3. When used with an ALI data file, the Reserved field is expanded to 169 bytes.

B. VERSION 2 (see attached page 7)

4.1 Header Data Record Format

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B. Nena Version 2

Header Indication	1-5	5	"UHL"
Extract Date	6-11	6	MMDDYY
Company Name	12-61	50	AN
Cycle Counter	62-67	6	N
County ID	68-71	4	AN
State	72-73	2	A
General Use	74-93	20	AN

Note: This field is not used at this time.

Release Number	94-96	3	N
----------------	-------	---	---

Note: This field is not used at this time.

Format Version	97	1	N
----------------	----	---	---

Note: This field is not used at this time.

Reserved	98-199	102	AN
----------	--------	-----	----

Note: This field is not used at this time.

End of Record	200	1	Always an *
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(continued)

Practice 444-400-003

Issue 3, January 1996

Note: All fields are left-justified with trailing spaces, except the Cycle Counter, this field will be right-justified with leading spaces.

Header records will employ cycle counting to ensure a cycle of updates is not missed.

4.1 Header Data Record Format, continued

B. Nena Version 2

When used with an ALI data file, the Reserved field will be expanded to 414 bytes.

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4.2 Trailer Data Record Format

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B. NENA Version 2

Name	Position	Byte	Type
Trailer Indicator	1-5	5	"UHL"
Extract	6-11	6	MMDDYY
Company Name	12-61	50	AN
Record Count	62-70	9	N
Reserved	71-199	129	AN
End of Record	200	1	Always an *

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Note: All fields are left-justified with trailing spaces, except for the Record Count, this field will be right-justified with leading spaces.

Trailer records will employ record counting to ensure a record within an update file is not missed.

When used with an ALI data file, the Reserved field will be expanded to 441 bytes.

4. Record Formats, continued

4.3

MSAG Format

Exchange the MSAG using the following format:

Name	Position	Bytes	Type
Prefix Directional	1-2	2	AN
Street Name	3-42	40	AN
Street Suffix	43-48	4	AN
Post Directional	47-48	2	AN
Low Range	49-58	10	AN
High Range	59-68	10	AN
Community Name	69-100	32	A
State	101-102	2	A
Odd/Even	103	1	O, E, or B
ESN	104-108	5	AN
Extract Date	109-114	6	MMDDYY
PSAP ID	115-118	4	AN
County ID	119-122	4	AN
Exchange	123-126	4	AN
General Use	127-146	20	AN
Reserved	147-159	13	AN
End of Record	160	1	* (This field is always an asterisk.)

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4. Record Formats, continued

4.4 Independent Telephone Company Customer Record Format

Use the following NENA Standard Format for ALL data exchange between telephone companies and E9-1-1 systems.

Name	Position	Bytes	Type
Function Code	1	1	A
NPA	2-4	3	N
Calling Number	5-11	7	N
House Number	12-21	10	AN
House Number Suffix	22-25	4	AN
Prefix Directional	26-27	2	A
Street Name	28-67	40	AN
Street Suffix	68-71	4	A
Post Directional	72-73	2	A
Community Name	74-105	32	A
State	106-107	2	A
Location	108-127	20	AN
Customer Name	128-159	32	AN
Class of Service	160	1	AN
Type of Service	161	1	N
Exchange	162-165	4	AN
ESN	166-170	5	AN
Main NPA	171-173	3	N
Main Number	174-180	7	N
Order Number	181-190	10	AN

DRAFT

C, D, F

(continued)

4. Record Formats, continued

4.4 Independent Telephone Company Customer Record Format, continued

Name	Position	Bytes	Type
Extract Date	191-196	6	N
County ID	197-200	4	AN
Company ID	201-205	5	AN
Source ID	206	1	AN
ZIP Code	207-211	5	AN
ZIP + 4	212-215	4	AN
General Use	216-226	11	AN
Reserved	227-239	13	AN
End of Record	240	1	A

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- NOTES: 1. All fields are left-justified with trailing spaces.
 2. The telephone company providing E9-1-1 tandem routing must provide the governmental entity with a list of ESNs available for assignment by MSAG development personnel.

4.5 Independent Telephone Company Customer Record Field Definitions

The following chart shows the customer record field definitions:

For Field...	Enter the...
Function Code	Type of activity for which the record is being submitted. Valid entries are: C - Change. D - Delete. I - Insert.
NPA	Three-digit area code of the calling number.
Calling Number	Seven-digit telephone number of the calling number.
House Number	House number. If no house number is available, this field is to be space-filled.
House Number Suffix	House number extension (e.g., 1/2). If no house suffix applies, this field is to be space-filled.

(continued)

4. Record Formats, continued

4.5

Independent Telephone Company Customer Record Field Definitions, continued

For Field...	Enter the...
Prefix Directional	Leading street direction prefix. If no prefix applies, this field is to be space-filled. Valid entries are: N NE S NW E SE W SW
Street Name	Valid service address of the calling number.
Street Suffix	Valid street abbreviation, as defined by the U.S. Postal Service Publication 28 (e.g., Ave.).
Post Directional	Trailing street-direction suffix. If no suffix applies, this field is to be space-filled. Valid entries are: N NE S NW E SE W SW
Community Name	Valid service community of the street name/house number as designated by the MSAG.
State	Two-character alpha state abbreviation (e.g., TX).
Location	Additional address information (free-formatted) describing the exact location of the calling number (e.g., Apt 118).
Customer Name	Subscriber name associated with the calling number.
Class of Service	Value of: 1 - Residence. 2 - Business. 3 - Residence PBX. 4 - Business PBX. 5 - Centrex. 6 - Coin IW out. 7 - Coin two-way. 8 - Mobile. 9 - Residence OPX. 0 - Business OPX.

(continued)

4. Record Formats, continued

4.5 Independent Telephone Company Customer Record Field Definitions, continued

For Field...	Enter the...
Type of Service	Value of: 0-- Not FX or nonpublished (nonpub). 1-- FX in the E9-1-1 serving area. 2-- FX outside the E9-1-1 serving area. 3-- Nonpub. 4-- Nonpub FX in the E9-1-1 serving area. 5-- Nonpub outside the E9-1-1 serving area.
Exchange	The telephone company exchange identifier for the serving telephone office of the customer.
ESN	Emergency Service Number associated with the House Number and Street Name.
Main NPA	Three-digit area code of the main number associated with the calling number.
Main Number	Seven-digit telephone number of the main number associated with the calling number.
Order Number	Service order number for the activity establishing this record.
Extract Date	Date on which the record was created in the format MMDDYY.
County ID	County identification code (usually the FIPS code).
Company ID	Telephone company identification code.
Source ID	Code that indicates whether data is part of the: ● Initial database creation process. OR ● Daily process. Valid entries are: C-- Initial Load. (space)-- Daily.
ZIP Code	U. S. Post Office ZIP Code.
ZIP + 4	U. S. Post Office ZIP Code extension.
General Use	Information not defined in previous fields. This field is mutually used by data exchange partners.
Reserved	(Reserved for the processing telephone company's use.)
End of Record	* (This field is always an asterisk.)

4. Record Formats

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4.6 Alternate Local Exchange Carrier data exchange record.

The following NENA Version Version 2 format should be utilized for data exchange with Alternate Local Exchange Carriers (ALECs). The ALEC will provide the Remote Call Forward (RCF) telephone number in the data exchange records, if applicable..

Several fields will not be used at this time or populated in its entirety. See section 5.6 for a description of each field.

Name	Position	Bytes	Type
Function Code	1	1	A
NPA	2-4	3	N
Calling Number	5-11	7	N
House Number	12-21	10	AN
House Number Suffix	22-25	4	AN
Prefix Directional	26-27	2	A
Street Name	28-87	60	AN
Note: Although this field is 60 characters, GTE can only support up to 48 characters.			
Street Suffix	88-91	4	A
Post Directional	92-93	2	A
Community Name	94-125	32	A

(continued)

4. Record Format, continued

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4.6 Alternate Local Exchange Carrier data exchange record.

Name	Position	Bytes	Type
State	126-127	2	A
Location	128-187	60	AN
Note: Although this field is 60 characters, GTE can only support up to 20 characters.			
Customer Name	188-219	32	AN
Class of service	220	1	AN
Type of Service	221	1	AN
Exchange	222-225	4	AN
ESN	226-230	5	AN
Main NPA	231-233	3	N
Main Number	234-240	7	N
Order Number	241-250	10	AN
Extract Date	251-256	6	N
County ID	257-260	4	AN
Company ID	261-265	5	AN
Source ID	266	1	AN
Zip Code	267-271	5	AN
Zip +4	272-275	4	AN
General Use	276-286	11	AN

(continued)

4. Record Format, continued

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4.6 Alternate Local Exchange Carrier data exchange record.

Name	Position	Bytes	Type
Customer Code	287-289	3	AN
Comments	290-319	30	AN
X Coordinate	320-328	9	AN
Y Coordinate	329-337	9	AN
Z Coordinate	338-342	9	AN
Cell ID	343-348	6	AN
Sector ID	349	1	AN
TAR Code	350-355	6	AN
Reserved	356-511	156	AN
End of Record	512	1	AN

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- Notes:
1. All fields are left-justified with trailing spaces.
 2. The telephone company providing the E9-1-1 tandem routing must provide the governmental entity with a list of ESNs available for assignment by MSAG development personal.

4 . Record Formats, continued

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4.7 Alternate local Exchange Carrier (ALEC) record field definitions

The following chart shows the data exchange record definitions. Several fields are not utilized or cannot be populated in its entirety.

For Field.....	Enter the.....
Function Code	Type of activity for which the record is being submitted. Valid entries are: C - Change D - Delete I - Insert
NPA	Three digit area code of the calling number.
Calling Number	Seven digit telephone number of the calling number.
House Number	House number. This field should be spaced filled if no house number is available.
House Number Suffix	House number extension (e.g. 1/2). This field should be spaced filled if no suffix exist.
Prefix Directional	Leading street direction prefix. This field should be spaced filled if no prefix applies. Valid entries are: N NE S NW E SE W SW

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4. Record Formats, continued

4.7 Alternate local Exchange Carrier (ALEC) record field definitions

For Field.....	Enter the.....
----------------	----------------

Street Name	Valid service address of the calling number.
-------------	--

Note: Although this field is 60 characters, GTE can only support up to 48 characters.

Street Suffix	Valid street abbreviations, as defined by the U.S. Postal Service Publication 28. (e.g. Ave)
---------------	--

Post Directional	Trailing street direction suffix. This field should be spaced filled if no suffix applies. Valid entries are:
------------------	---

N	NE
S	NW
E	SE
W	SW

Community Name	Valid service community of the street name/house number as designated by the MSAG.
----------------	--

State	Alpha state abbreviation (e.g. TX).
-------	-------------------------------------

Location	Additional address information (free formatted) describing the exact location of the calling number (e.g. Apt 118). This field should be space filled if additional address information is non-applicable.
----------	--

Note: Although this field is 60 characters, GTE can only support up to 20 characters.

Customer Name	Subscriber name associated with the calling number.
---------------	---

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4. Record Formats, continued

4.7 Alternate local Exchange Carrier (ALEC) record field definitions

For Field.....	Enter the.....
----------------	----------------

Class of Service	Value of:
	1=Residence
	2= Business
	3= Residence PBX
	4=Business PBX
	5=Centrex
	6=Coin 1W out
	7=Coin 2way
	8=Mobile
	9=Residence OPX
	0=Business OPX

Type of Service	Value of:
	0=Not FX nor Non-Pub
	1=FX in 9-1-1 serving area
	2=FX outside 9-1-1 serving area
	3=Non-Pub
	4=Non-Pub FX in 9-1-1 serving area
	5=Non-Pub FX outside 9-1-1 serving area

Exchange	Phone company identifier for the serving telephone office of the customer.
----------	--

ESN	Emergency Service Number associated with the House Number and Street Name.
-----	--

Note: The ESN field may be space filled when the receiving data partner is validating the address. The telephone company providing the E9-1-1 tandem routing will provide a list of ESNs available for assignment.

Main NPA	Three digit area code of the Main Number associated with the calling number.
----------	--

(continued)

4. Record Formats, continued

4.7 Alternate local Exchange Carrier (ALEC) record field definitions

DRAFT

For Field.....	Enter the.....
Main Number	Seven digit telephone number of the Main Number associated with the calling number.
Order Number	Service order number for the activity establishing this record.
Extract Date	Date on which the record was created in the format MMDDYY.
County ID	County identification code (usually the FIPS code).
Company ID	Telephone Company Identification code as defined by GTE or Industry organization.
Source ID	Reserved for future use
Zip Code	Postal Zip Code
Zip +4	Postal Zip Code extension
General Use	This field will be mutually used by data exchange partners to pass information not defined in previous fields.
Customer Code	Code used to uniquely identify a customer.

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(continued)

4. Record Formats, continued

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4.7 Alternate local Exchange Carrier (ALEC) record field definitions

For Field.....	Enter the.....
Comments	Reserved for future use. Space fill
X Coordinate	Reserved for future use. Space fill.
Y Coordinate	Reserved for future use. Space fill.
Z Coordinate	Reserved for future use. Space fill.
Cell ID	Reserved for future use. Space fill.
Sector ID	Reserved for future use. Space fill.
TAR Code	Taxing Area Rate code.
Reserved	The first 23 bytes of this field will be used to pass the RCF data and 5 position ALEC identifier code for display at the PSAP. The data should be entered as such: Alt# NPA-NXX-XXXX YYYYY
End of Record	Always an *

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Note: All fields are left justified, with trailing spaces.

5. Address Abbreviations

5.1 Area Address Abbreviations

Each area of GTE has unique processing requirements that limit abbreviations to specified spellings.

Areas of coverage include:

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Area	States Covered
CA	Southern California only.
FLA	Florida only.
NO	Illinois, Indiana, Maine, Michigan, New Hampshire, New York, Ohio, Pennsylvania, Vermont, Wisconsin.
SO	Alabama, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia, West Virginia.
CE	Arizona, Arkansas, Iowa, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Utah.
NW	Idaho, Montana, Northern California, Oregon, Washington.

Exhibit 1 shows the abbreviations used in each area.

5. Address Abbreviations, continued

DRAFT

NAME	CA	FL	NO	SO	SW	NW
ACADEMY		ACDMY				
ACRES			ACRES	ACRES	ACRES	
ADDITION			ADDN			
AIR FORCE BASE			AFB	AFB	AFB	
AIRPORT		AIRPT	AIRPT			
ALLEY		ALY	ALLEY	ALY	ALLEY	
ANNEX			ANX			
APARTMENT		APT	APT	APT	APT	
APARTMENTS		APTS	APTS	APTS	APTS	
ASSOCIATION		ASSN				
AVENUE	AV	AV	AV	AVE	AV	AV
BANK		BNK				
BAY				BAY		
BEND				BEND		
BLIND		BLD				
BLOCK					BLOCK	
BLUFF		BLF	BLUFF		BLUFF	
BOULEVARD	BL	BLVD	BLVD	BLVD	BLVD	BLVD
BRIDGE		BRDG				
BUILDING		BLDG	BLDG	BLDG	BLDG	
BUILDINGS		BLGS	BLDGS	BLDGS	BLGS	
BYPASS				BYP		
CABINS		CBNS				
CAMP		CMP			CMP	
CAMPGROUND		CMPGD		CMPGD		
CAMPGROUNDS		CMPGDS		CMPGDS		
CAMPSITE		CPST		CMPST	CPST	
CANYON	CY					
CAUSEWAY		CSWY	CSWY	CSWY	CSWY	CAWY
CEMETARY		CMTY	CMTY	CMTY	CMTY	
CENTER		CTR	CTR	CTR	CENTER	
CHASE				CHS		
CHURCH		CHRH	CHURCH	CHURCH	CHURCH	
CIRCLE	CI	CIR	CIR	CIR	CIR	CIR
CITY		CITY			CITY	
CLUB		CLB	CLUB	CLB	CLUB	
COLLEGE		CLG	CLG	CLG	CLG	
COLONIES		CLYS	CLYS		CLYS	
COLONY		CLNY	COLONY		COLONY	
COMMUNITY		CMN			CMN	
COMPANY		CO		CO		
COMPLEX		CPLX	CPLX	CPLX	CPLX	
CONDOMINIUM		CNDO	CONDO	CNDO	CONDO	
CONDOMINIUMS		CNDS	CONDOS	CONDOS	CONDOS	
CORPORATION		CORP		CORP		
COTTAGE		CTG		CTG	CTG	

Exhibit 1 - Address Abbreviations (Page 1 of 4)

5. Address Abbreviations, continued

NAME	CA	FL	NO	SO	SW	NW
COTTAGES		CTGS			CTGS	
COUNTRY		CTRY			CTRY	
COURSE				CRSE		
COURT	CT	CT	CT	CT	CT	CT
COURTS		CTS	COURTS		CTS	
COVE				COVE		
CREEK		CRK		CRK	CREEK	
DORM					DORM	
DRIVE	DR	DR	DR	DR	DR	DR
EAST NORTH		EN				
ESTATE		EST		EST	ESTATE	
ESTATES		ESTS	ESTS	ESTS	ESTS	
EXCHANGE		EXCH		EXCH		
EXPRESSWAY		EXWY	EXPWY	EXPWY	EXPWY	
EXTENSION		EXT	EXT	EXT	EXT	
FLEAMARKET		FLMKT				
FORT		FT		FT	FORT	
FREEWAY	FY	FRWY	FRWY	FRWY	FRWY	
GARDEN		GDN		GDN	GRDN	
GARDENS		GDNS			GDNS	
GATE					GATE	
GROUND					GROUND	
GROVE				GRV GROVE		
HALL			HALL		HALL	
HIGHTS		HIS	HIS	HIS	HIGHTS	
HIGHWAY	HY	HWY		HWY	HWY	HWY
HILL				HILL		
HOLLOW				HLLW		
HOME		HM	HOME	HM	HOME	
HOMES			HOMES		HMS	
HOCH					HOCH	
HOSPITAL		HSPTL	HOSP	HSPTL		
HOTEL		HTL	HOTEL	HTL	HOTEL	
HOUSING					HSG	
INDUSTRIAL				IND		
INN		INN	INN	INNS	INN	
INNS				INNS		
INSTITUTE		INST		INST		
INSTITUTION		INSTN				
INTERSTATE		INT	INTR		INTR	
ISLAND	IS		IS			
JUNCTION			JCT	JCT		
LAKE		LK			LAKE	
LANDING				LNDG		
LANE	LN	LN	LN	LN	LN	LN
LOOP		LP	LP	LP	LP	LP

Exhibit 1 - Address Abbreviations (Page 2 of 4)

5. Address Abbreviations, continued

NAME	CA	FL	NO	SO	SW	NW
LODGE		LDG		LDG		
MALL		MALL	MALL	ML	MALL	
MANOR		MNR	MANOR	MNR	MANOR	
MARINA		MRN	MRNA	MRN	MRNA	
MINE		MINE				
MOBILE		MEL		MEL	MOBILE	
MOBILE HOME PARK		MHP	MHP	MHP	MHP	
MOTEL		MTL	MTL	MTL	MTL	
NOTE	NT					
NURSERY		NRSY		NRSY	NRSY	
OFFICE		OFC	OFC	OFC	OFFICE	
PARK	PK	PK	PK	PRK	PARK	
PARKWAY	PY	PKWY	PKWY	PKWY	PKWY	PKWY
PARLOR					PARLOR	
PASS		PS	PASS		PASS	
PATH		PATH	PATH	PATH	PATH	
PIER					PIER	
PIKE				PIKE		
PLACE	PL	PL	PL	PL	PL	PL
PLAZA	PZ	PLZ	PLZ	PLZ	PLZ	
POINT		PT	PT	PT	POINT	PT
PROJECT					PROJ	
QUARTERS		QTRS				
RANCH					RNCH	
RECORDS		RCRDS				
REMOTE SWITCHING		RSU				
RESORT		RSRT	RSRT	RST	RESORT	
RETREAT		RTRT		RTRT	RTRT	
RIDGE		RDG		RDG	RIDGE	
ROAD	RD	RD	RD	RD	RD	RD
ROOMS		RMS			ROOMS	
ROUTE		RTE		RT	RTE	
ROW		RW	ROW	RW	ROW	
RUN		RUN	RUN	RUN	RUN	
SCHOOL		SCHL	SCHOOL	SCH	SCHOOL	
SERVICE		SVC				
SETTLEMENT			STLMNT			
SHOPPING		SHPG	SHPG	SHPG	SHPG	
SHORE		SHR		SHR	SHORE	SHR
SHORES		SHRS			SHRS	
SLIP					SLIP	
SPEEDWAY				SPDWY		
SQUARE	SQ	SQ	SQ	SQ	SQUARE	
STADIUM		STDM				
STATION				STA		
STREET	ST	ST	ST	ST	ST	ST

Exhibit 1 - Address Abbreviations (Page 3 of 4)

5. Address Abbreviations, continued

NAME	CA	FL	NO	SO	SW	NW
SUBDIVISION				SUBDV		
TERMINAL					TERM	
TERRACE	TE	TER	TER	TER	TER	TER
TOWER		TWR	TWR	TWR	TWR	
TOWERS		TWRS			TWRS	
TOWNHOMES					TNHMS	
TOWNHOUSE		TWNHSE	TWNHSE	TWNHSE	THSE	
TOWNHOUSES			TWHSES			
TRAIL	TR	TR	TRAIL		TR	TR
TRAILER		TRLR	TRLR	TRLR	TRLR	
TURNPIKE		TNPK	TNPK			
UNIT					UNIT	
UNITS					UNITS	
VALLEY				VLY		
VILLA		VLA	VILLA	VLA	VILLA	
VILLAGE		VLG		VLG	VLG	
VILLAGES		VLGS			VLGS	
VILLAS		VLAS			VILLAS	
WALK	WK			WLK		
WAREHOUSE		WRHS				
WAY	WY	WAY	WY	WAY	WAY	WY
WEST NORTH		WN				
WXMEDA					WXMEDA	

Exhibit 1 - Address Abbreviations (Page 4 of 4)