

Lucent Technologies
Bell Labs Innovations



**BAR CODE SHIPPING LABEL -
PROFILE PROGRAM**

801-001-107

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Prepared by the Global Bar Code Technologies Group JC0772000

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Table of Contents

1. INTRODUCTION.....	1
1.1 BENEFITS.....	2
1.2 SHIPPING LABEL CERTIFICATION	2
1.3 SHIPPING LABEL PROFILE MODULES.....	3
1.4 SUMMARY OF EXTERNAL CUSTOMER SHIPPING LABEL PROFILES	4
1.5 SUMMARY OF INTERNAL SHIPPING LABEL PROFILES	7
2. GENERIC SHIPPING LABEL PROFILE.....	8
2.1 GENERIC SHIPPING LABEL PROFILE MODULE	8
2.1.1 Ship From & Ship To, Fields "A" and "B"	10
2.1.2 Supplier Package Identification, Field "E".....	10
2.1.3 Transaction Identification, Field "F".....	11
2.1.4 Customer Product Identification, Field "G".....	11
2.1.5 Quantity, Field "H"	12
2.1.6 Special, Field "I"	12
2.1.7 Description, Field "J".....	12
2.1.8 Package Count, Field "C"	13
2.1.9 Package Weight, Field "D".....	13
2.1.10 Sample Label.....	14
2.1.11 Profile Access Code.....	14
3. EXTERNAL CUSTOMER SHIPPING LABEL PROFILES.....	16
3.1 BELL ATLANTIC SHIPPING LABEL PROFILE MODULE.....	16
3.1.1 Ship From & Ship To, Fields "A" and "B"	17
3.1.2 Supplier Package Identification, Field "E".....	17
3.1.3 Transaction Identification, Field "F".....	17
3.1.4 Customer Product Identification, Field "G".....	17
3.1.5 Quantity, Field "H"	18
3.1.6 Special, Field "I"	18
3.1.7 Description, Field "J".....	18
3.1.8 Package Count, Field "C"	18
3.1.9 Package Weight, Field "D".....	18
3.1.10 Sample Label.....	19
3.1.11 Customer Profile Access Code.....	19
3.1.12 Lucent Technologies Customer Code.....	19
3.1.13 Other Considerations.....	19
3.1.14 Acknowledgments.....	19
3.2 AMERITECH INFORMATION SYSTEMS SHIPPING LABEL PROFILE MODULE.....	22
3.2.1 Ship From & Ship To, Fields "A" and "B"	23
3.2.2 Supplier Package Identification, Field "E".....	23
3.2.3 Transaction Identification, Field "F".....	23
3.2.4 Customer Product Identification, Field "G".....	23
3.2.5 Quantity, Field "H"	24
3.2.6 Special, Field "I"	24
3.2.7 Description, Field "J".....	24
3.2.8 Package Count, Field "C"	24
3.2.9 Package Weight, Field "D".....	25
3.2.10 Sample Label.....	25
3.2.11 Customer Profile Access Code.....	25
3.2.12 Acknowledgements.....	25
3.3 BELL SOUTH SHIPPING LABEL PROFILE MODULE.....	27

3.3.1 Ship From & Ship To, Fields "A" and "B"	28
3.3.2 Supplier Package Identification, Field "E".....	28
3.3.3 Transaction Identification, Field "F".....	28
3.3.4 Customer Product Identification, Field "G".....	28
3.3.5 Quantity, Field "H"	29
3.3.6 Special, Field "I"	29
3.3.7 Description, Field "J".....	29
3.3.8 Package Count, Field "C"	29
3.3.9 Package Weight, Field "D".....	30
3.3.10 Sample Label.....	30
3.3.11 Customer Profile Access Code.....	30
3.3.12 Acknowledgements.....	30
3.4 AMERITECH SERVICES SHIPPING LABEL PROFILE MODULE	32
3.4.1 Ship From & Ship To, Fields "A" and "B"	33
3.4.2 Supplier Package Identification, Field "E".....	33
3.4.3 Transaction Identification, Field "F".....	33
3.4.4 Customer Product Identification, Field "G".....	34
3.4.5 Quantity, Field "H"	34
3.4.6 Special, Field "I"	35
3.4.7 Description, Field "J".....	35
3.4.8 Package Count, Field "C"	36
3.4.9 Package Weight, Field "D".....	36
3.4.10 Sample Label.....	36
3.4.11 Customer Profile Access Code.....	36
3.4.12 Lucent Technologies Customer Code.....	36
3.5 ANIXTER SHIPPING LABEL PROFILE MODULE	38
3.5.1 Ship From & Ship To, Fields "A" and "B"	38
3.5.2 Supplier Package Identification, Field "E".....	39
3.5.3 Transaction Identification, Field "F".....	39
3.5.4 Customer Product Identification, Field "G".....	39
3.5.5 Quantity, Field "H"	40
3.5.6 Special, Field "I"	40
3.5.7 Description, Field "J".....	40
3.5.8 Package Count, field "C".....	40
3.5.9 Package Weight, Field "D".....	40
3.5.10 Sample Label.....	41
3.5.11 Customer Profile Access Code.....	41
3.5.12 Lucent Technologies Customer Code.....	41
3.5.13 Acknowledgements.....	41
3.6 PACIFIC BELL SHIPPING LABEL PROFILE MODULE.....	43
3.6.1 Ship From & Ship To, Fields "A" and "B"	44
3.6.2 Supplier Package Identification, Field "E".....	44
3.6.3 Transaction Identification.....	44
3.6.4 Customer Product Identification, Field "G".....	44
3.6.5 Quantity, Field "H"	45
3.6.6 Special, Field "I"	45
3.6.7 Description, Field "J".....	45
3.6.8 Package Count, Field "C"	45
3.6.9 Package Weight, Field "D".....	46
3.6.10 Sample Label.....	46
3.6.11 Customer Profile Access Code.....	46
3.6.12 Lucent Technologies Customer Code.....	46
3.6.13 Acknowledgements.....	46
3.7 SOUTHERN NEW ENGLAND TELEPHONE SHIPPING LABEL PROFILE MODULE	49

3.7.1 Ship From & Ship To, Fields "A" and "B"	49
3.7.2 Supplier Package Identification, Field "E"	50
3.7.3 Transaction Identification, Field "F"	50
3.7.4 Customer Product Identification, Field "G"	50
3.7.5 Quantity, Field "H"	50
3.7.6 Special, Field "I"	51
3.7.7 Description, Field "J"	51
3.7.8 Package Count, Field "C"	51
3.7.9 Package Weight, Field "D"	51
3.7.10 Sample Label	52
3.7.11 Customer Profile Access Code	52
3.7.12 Lucent Technologies Customer Code	52
3.7.13 Acknowledgments	52
3.8 GTE SHIPPING LABEL PROFILE MODULE	54
3.8.1 Ship From & Ship To, Fields "A" and "B"	54
3.8.2 Supplier Package Identification, Field "E"	55
3.8.3 Transaction Identification, Field "F"	55
3.8.4 Customer Product Identification, Field "G"	55
3.8.5 Quantity, Field "H"	55
3.8.6 Special, Field "I"	56
3.8.7 Description, Field "J"	56
3.8.8 Package Count, field "C"	56
3.8.9 Package Weight, Field "D"	56
3.8.10 Sample Label	57
3.8.11 Customer Profile Access Code	57
3.8.12 Lucent Technologies Customer Code	57
3.8.13 Acknowledgements	57
4. INTERNAL SHIPPING LABEL PROFILES	59
4.1 INSTALLER SHIPPING LABEL PROFILE MODULE	59
4.1.1 Ship From & Ship To, Fields "A" and "B"	59
4.1.2 Supplier Package Identification, Field "E"	60
4.1.3 Transaction Identification, Field "F"	60
4.1.4 Customer Product Identification, Field "G"	60
4.1.5 Quantity, Field "H"	60
4.1.6 Special, Field "I"	61
4.1.7 Description, Field "J"	61
4.1.8 Package Count, Field "C"	62
4.1.9 Package Weight, Field "D"	62
4.1.10 Sample Label	62
4.1.11 Customer Profile Access Code	62
4.2 EXPORT CENTER SHIPPING LABEL PROFILE MODULE	64
4.2.1 Ship From & Ship To, Fields "A" and "B"	65
4.2.2 Supplier Package Identification, Field "E"	65
4.2.3 Transaction Identification, Field "F"	65
4.2.4 Customer Product Identification, Field "G"	65
4.2.5 Quantity, Field "H"	66
4.2.6 Special, Field "I"	66
4.2.7 Description, Field "J"	66
4.2.8 Package Count, Field "C"	67
4.2.9 Package Weight, Field "D"	67
4.2.10 Sample Label	67
4.2.11 Customer Profile Access Code	67
4.3 INTERNATIONAL EXPORT CENTER SHIPPING LABEL PROFILE MODULE	69
4.3.1 Ship From & Ship To, Fields "A" and "B"	70

4.3.2 Supplier Package Identification, Field "E".....	70
4.3.3 Transaction Identification, Field "F".....	70
4.3.4 Customer Product Identification, Field "G".....	70
4.3.5 Quantity, Field "H".....	71
4.3.6 Special, Field "I".....	71
4.3.7 Description, Field "J".....	71
4.3.8 Package Count, Field "C".....	72
4.3.9 Package Weight, Field "D".....	72
4.3.10 Sample Label.....	72
4.3.11 Customer Profile Access Code.....	72
4.3.12 Acknowledgements.....	72
4.4 FACTORY (COLUMBUS WORKS) SHIPPING LABEL PROFILE MODULE.....	74
4.4.1 Ship From & Ship To, Fields "A" and "B".....	75
4.4.2 Supplier Package Identification, Field "E".....	75
4.4.3 Transaction Identification, Field "F".....	75
4.4.4 Customer Product Identification, Field "G".....	75
4.4.5 Quantity, Field "H".....	76
4.4.6 Special, Field "I".....	76
4.4.7 Description, Field "J".....	76
4.4.8 Package Count, Field "C".....	77
4.4.9 Package Weight, Field "D".....	77
4.4.10 Sample Label.....	77
4.4.11 Customer Profile Access Code.....	77
4.5 MICROELECTRONICS FACILITY AT MATAMORIS, MEXICO SHIPPING LABEL PROFILE MODULE.....	79
4.5.1 Ship From & Ship To, Fields "A" and "B".....	79
4.5.2 Supplier Package Identification, Field "E".....	80
4.5.3 Transaction Identification, Field "F".....	80
4.5.4 Customer Product Identification, Field "G".....	80
4.5.5 Quantity, Field "H".....	81
4.5.6 Special, Field "I".....	81
4.5.7 Description, Field "J".....	81
4.5.8 Package Count, Field "C".....	81
4.5.9 Package Weight, Field "D".....	82
4.5.10 Sample Label.....	82
4.5.11 Customer Profile Access Code.....	82
4.5.12 Acknowledgements.....	82
4.6 BUSINESS COMMUNICATIONS SYSTEMS FACTORIES SHIPPING LABEL PROFILE MODULE.....	84
4.6.1 Ship From & Ship To, Fields "A" and "B".....	85
4.6.2 Supplier Package Identification, Field "E".....	85
4.6.3 Transaction Identification, Field "F".....	85
4.6.4 Customer Product Identification, Field "G".....	85
4.6.5 Quantity, Field "H".....	86
4.6.6 Special, Field "I".....	86
4.6.7 Description, Field "J".....	86
4.6.8 Package Count, Field "C".....	87
4.6.9 Package Weight, Field "D".....	87
4.6.10 Sample Label.....	87
4.6.11 Customer Profile Access Code.....	87
5. REFERENCES.....	89

1. INTRODUCTION

The Global Bar Code Technologies Group, issued the *Lucent Technologies Shipping and Receiving Bar Code Label Standard - Issue 4* (Lucent Technologies 801-001-105) on December 12, 1996. The standard, which replaced *Issue 3*, as well as all previous Lucent Technologies shipping and receiving bar code label standards, specifications, and practices, is part of an effort across Lucent Technologies entities to implement a consistent labeling practice for shipping containers and packages with its customers and suppliers. To facilitate that implementation, the Global Bar Code Technologies Group has developed the *Lucent Technologies Customer Shipping Label Profile Program (CSLPP)*. As part of the program, the group is working with several National Account and Marketing organizations in developing and documenting *external customer shipping label profiles* of key Lucent Technologies customers. The profiles, developed through direct customer negotiations, are based on the Lucent Technologies Standard and provide specific information about how the data fields on a shipping label need to be populated to satisfy customer requirements.

The group is also working with several internal Lucent Technologies organizations in developing and documenting *internal shipping label profiles* of Lucent Technologies entities. These profiles provide specific information about how the data fields on shipping labels need to be populated to satisfy the requirements of specified Lucent Technologies entities. These requirements address both shipments from suppliers to Lucent Technologies entities, and internal shipments between Lucent Technologies entities.

This document presents the *external customer shipping label profiles* and the *internal shipping label profiles* that have been developed and approved to date. Each profile has been negotiated with, and approved in writing by, the respective customer or Lucent Technologies entity. Therefore, conformance to the requirements presented in the profiles is necessary for compliance.

The profiles are presented as individual modules specific to a customer or Lucent Technologies entity. This allows future profiles, as they are developed and approved, to be easily added as addenda without disturbing the continuity of the document. Also, each profile is developed around a more general *generic* profile. This *generic* profile, referred to as the *Lucent Technologies Generic Shipping Label Profile*, is presented in Section 2.0 of this document. The *external customer shipping label profiles* are presented in Section 3.0, and the *internal shipping label profiles* are presented in Section 4.0.

The profiles present in this document, including the *Lucent Technologies Generic Shipping Label Profile*, are limited to information about how the data fields on the label need to be populated to satisfy the shipping requirements of Lucent Technologies customers or Lucent Technologies entities. They provide no guidance about issues such as label format dimensions, or bar code density and sizes. Therefore, the profiles are designed to be used in conjunction with the most recent issue of the 801-001-105 standard.

The remainder of this section of the document is as follows:

- Benefits
- Shipping Label Certification
- Shipping Label Profile Modules
- Summary of External Customer Shipping Label Profiles
- Summary of Internal Shipping Label Profiles

1.1 Benefits

The benefits associated with the *Customer Shipping Label Profile Program* in support of Lucent Technologies's shipping operations are characterized below:

- Developing and documenting shipping label requirements directly with a customer, or an Lucent Technologies entity, demonstrates a commitment to a strategy of providing a corporate shipping labeling practice, and a proactive involvement in identifying customer requirements and improving customer satisfaction.
- The profiles provide a vehicle to accurately identify and disseminate specific customer and Lucent Technologies entity shipping requirements, and to assist Lucent Technologies organizations in meeting those requirements.
- The profiles also provide a vehicle that allows shipping labeling inconsistencies between Lucent Technologies entities and their customers and suppliers to be easily identified and corrected.

1.2 Shipping Label Certification

Lucent Technologies organizations are advised to adhere strictly to the requirements outlined in the profiles regarding shipments to customers and Lucent Technologies entities that are included in the *shipping label profiles*. To assist these Lucent Technologies organizations in insuring that customers and other Lucent Technologies entities receive shipping labels consistent with their profile requirements, the Global Bar Code Technology Group will serve as a point of contact for **Shipping Label Certification**. Therefore, before a first time label is sent to a customer or an Lucent

Technologies location, a sample label of reflecting that first time shipment may be sent to the address below for label certification. The Global Bar Code Technology Group will examine the sample label for compliance with the appropriate profile and reply promptly back to the sending organization.

This same **Shipping Label Certification** may also be followed by Lucent Technologies suppliers submitting first time labels to a customer or Lucent Technologies entity based on the *Lucent Technologies Generic Shipping Label Profile*

Send sample labels to:

Lucent Technologies
c/o Ray Cann
Global Bar Code Technologies Group
Room 4B305
101 Crawfords Corner Road
Holmdel, New Jersey 07733

If there are any questions concerning the profiles or label certification, they should be directed to Ray Cann (732-949-7739) or Allan Gilligan (732-949-7721).

The *Generic Shipping Label Profile* presented in Section 2.0 serves as a reference for both the *external customer shipping label profiles* and the *internal shipping label profiles*. It is also offered as an acceptable template for use by Lucent Technologies entities in shipping and receiving operations with customers, or other Lucent Technologies entities, not specified in this document, or where a customer to date has stated no requirements for a tailored shipping label. However, if a customer not included in the *external customer shipping label profiles* has specified shipping label requirements to an Lucent Technologies entity, it is advised that compliance with those requirements be continued until a specified *customer profile* is developed, approved and distributed as an addenda to this document.

1.3 Shipping Label Profile Modules

The remaining sections of the document are as follows:

- Section 2.0, *Generic Shipping Label Profile*
- Section 3.0, *External Customer Shipping Label Profiles*
- Section 4.0, *Internal Shipping Label Profiles*

The profiles in Sections 3.0 and 4.0 are presented as separate modules so that as future profiles are developed, approved and distributed, they can be added to the appropriate section.

Each profile specifies the following information for each of the data fields "A" through "J" of the "vertical" label format shown in Figure 1 of the Lucent Technologies Shipping & Receiving Standard 801-001-005 and Figure 1 of this document (See Section 2.0):

- The required *ANSI MH 10.8.2 Data Identifier* and corresponding *Field Title*.
- The *Encoded Information* in the bar code symbol and the corresponding *Human Readable Text*.

In addition, each profile module includes a sample label showing the correct data as specified in the module.

Each of the profiles, including the *Generic Shipping Label Profile*, is assigned a *Profile Access Code*. The access code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and the customer, to identify a profile.

Because the *Generic Shipping Label Profile* serves as a reference for the *external customer profiles* and the *internal profiles*, these profiles must be used in conjunction with the *Generic Profile*. Likewise, all profiles document are designed to be used with the Lucent Technologies Shipping Receiving Standard, 801-001-105.

1.4 Summary of External Customer Shipping Label Profiles

The following table, Table 1, identifies key Lucent Technologies external customers that are involved in shipping and receiving operations with Lucent Technologies. For each customer listed, the table indicates what type of profile, *customer specified* or *Generic*, that should be used. The *customer specified profiles* listed in the table are presented as separate modules in Section 3.0. In additions, for each *customer specified profile*, the fields that are different from the *Generic Profile*, and thus unique to each profile, are also indicated. Lastly, the table includes a *Profile Access Code* identifying each profile with a customer.

As additional *external customer shipping label profiles* are developed, the document will be reissued. To insure that you have the most recent issue of the document call the Customer Information Center at 1-888-LUCENT8. Lucent Technologies associates may also access the Lucent Intranet site for Bar Code Labeling at <http://dnp.socio.lucent.com> to find the latest information as well as supplier labeling qualification status to comply with the profiles described in this document.

TABLE 1 - Summary of External Customer Shipping Label Profiles

<i>Customer</i>	<i>Profile</i>	<i>Unique Fields*</i>	<i>Profile Access Code</i>
<i>Bell Atlantic and Bell Atlantic North (formerly NYNEX)</i>	<i>Specified</i>	<i>Fields "D", "F", "G", "J"</i>	<i>E01</i>
<i>Ameritech Information Systems</i>	<i>Specified</i>	<i>Fields "I", "J"</i>	<i>E02</i>
<i>Bell South</i>	<i>Specified</i>	<i>Fields "F", "G", "I", "J"</i>	<i>E03</i>
<i>Ameritech Services</i>	<i>Specified</i>	<i>Fields "E", "F", "G", "H", "I"</i>	<i>E04</i>
<i>Anixter</i>	<i>Specified</i>	<i>Fields "F", "G", "I", "J"</i>	<i>E05</i>
<i>Pacific Bell</i>	<i>Specified</i>	<i>Fields "F", "G", "I", "J"</i>	<i>E06</i>
<i>Southern New England Telephone</i>	<i>Specified</i>	<i>Field "G"</i>	<i>E07</i>
<i>GTE</i>	<i>Specified</i>	<i>Field "F", "G", "I", "J"</i>	<i>E08</i>
<i>COMPAQ</i>	**		
<i>Southwestern Bell</i>	**		
<i>Motorola</i>	**		
<i>Schlumberger</i>	**		
<i>US West</i>	**		

* Fields that are different from the Generic Shipping Label Profile

** Profiles for these customers are being negotiated. In the interim, use either the Generic Shipping Label Profile, Profile Access Code **E00**, or your current labeling practices.

1.5 Summary of Internal Shipping Label Profiles

The following table, Table 2, identifies key Lucent Technologies entities that are involved in shipping and receiving operations with suppliers and other Lucent Technologies entities. For each entity listed, the table indicates if a profile is *specified*, or under negotiation and development. The *specified profiles* listed in the table are presented as separate modules in Section 4.0. In additions, for each *specified profile*, the fields that are different from the *Generic Shipping Label Profile*, and thus unique to each profile, are also indicated in the table. Lastly, the table includes a *Profile Access Code* identifying each profile with an Lucent Technologies entity.

As additional *internal shipping label profiles* are developed and distributed as addenda to Section 4.0 of this document, Table 2 will be revised and reissued with each addenda to reflect the changes.

TABLE 2 - Summary of Internal Shipping Label Profiles

<i>Lucent Technologies Entity</i>	<i>Profile</i>	<i>Unique Fields*</i>	<i>Profile Access Code</i>
<i>Installers</i>	<i>Specified</i>	<i>Fields "F","H","I","J"</i>	<i>A01</i>
<i>Export Centers</i>	<i>Specified</i>	<i>Fields "F","H","I","J"</i>	<i>A01</i>
<i>International Export Centers</i>	<i>Specified</i>	<i>Fields "H","I","J"</i>	<i>A02</i>
<i>Factory (Columbus Works)</i>	<i>Specified</i>	<i>Fields "F","H","J"</i>	<i>A03</i>
<i>Microelectronics Matamoris, Mexico</i>	<i>Specified</i>	<i>Fields "E","I","J"</i>	<i>A04</i>
<i>Business Communications Systems (BCS) - Denport</i>	<i>Specified</i>	<i>Fields "H","J"</i>	<i>A05</i>
<i>GPCs</i>	**		
<i>Lucent Factories</i>	<i>Specified</i>		<i>Generic</i>

* Fields that are different from the *Generic Shipping Label Profile*

** Profiles for these entities are being negotiated and developed. In the interim, use either the *Generic Shipping Label Profile*, Profile Access Code **E00** or your current labeling practices.

2. GENERIC SHIPPING LABEL PROFILE

2.1 Generic Shipping Label Profile Module

The *Generic Shipping Label Profile* that follows is based on the "vertical" label format specified in the 801-001-105 standard, Figure 1, Page 3. The 801-001-105 standard specifies the "vertical" format as the first choice to satisfy customer labeling requirements. The *Generic Profile* serves as a reference for both the *external customer shipping label profiles* and the *internal shipping label profiles* presented in Sections 3.0 and 4.0 respectively. It is also offered as an acceptable template for use by Lucent Technologies entities in shipping and receiving operations with customers not specified in this document or where a customer, to date, has stated no requirements for a specified shipping label. However, if a customer not included in the *external customer shipping label profiles* has specified shipping label requirements to an Lucent Technologies entity, it is advised that compliance with those requirements be continued until a *customer shipping label profile* is developed, approved and distributed as an addenda to this document. At that time, compliance should conform to the requirements presented in the profile.

The *Generic Shipping Label Profile*, as well as all profiles in this document, specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the 801-001-105 standard, and in Figure 1 of this document.

- ANSI MH 10.8.2 Data Application Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code symbol. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code symbol, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. This human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code symbol, the differences are specified.

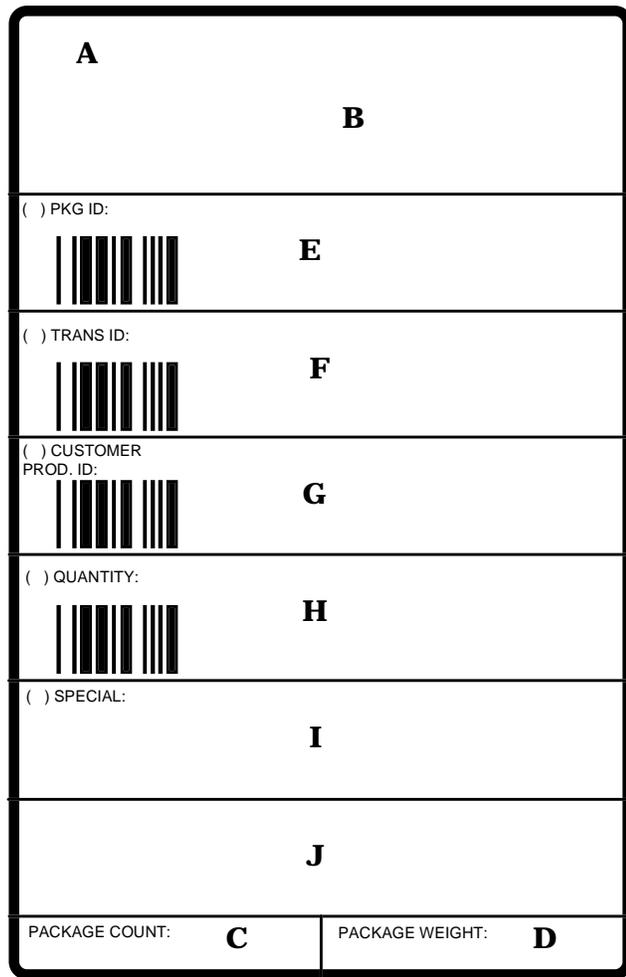
If a bar code is not required in the data field, other customer requirements about how to use the field are specified.

These profiles are limited to information about how the data fields on the label need to be populated to satisfy customer requirements. It provides no guidance about issues such as label format dimensions, bar code density and size, or optional uses of standard fields . Therefore, the profile is designed to be used in conjunction with the most recent issue of the Lucent Technologies Standard 801-001-105.

Figure 1 - "Vertical" Label Format

Legend:

- A = SHIP FROM**
- B = SHIP TO**
- C = PACKAGE COUNT**
- D = PACKAGE WEIGHT**
- E = SUPPLIER PACKAGE ID**
- F = TRANSACTION ID**
- G = CUSTOMER PRODUCT ID**
- H = QUANTITY**
- I = SPECIAL**
- J = DESCRIPTION**



Drawing Not to Scale

2.1.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Fields "A" and "B" are text only fields. Data identifiers are not applicable and the field titles are **FR:** and **TO:**.

Encoded Information: Fields "A" and "B" are text only fields. Encoded information in bar code is not applicable. The two fields are positioned side by side on the label with the **FR:** field on the *left* and the **TO:** field on the *right*. It is recommended that the character font used in the **FR:** field be smaller than that of the **TO:** field and that the characters of the **TO:** field be in **bold**. The widths of the two fields are flexible to accommodate the required information, within the limits of the Lucent Technologies Standard 801-001-105. The two fields are separated by a solid vertical line.

If the address lines of an entry are too long to fit in the above format, an alternate positioning of the two fields is acceptable. The two fields may be positioned on top of one another with the **FR:** field on the *top* and the **TO:** field on the *bottom*. The same recommendations about the character font apply, and the two fields are separated by a solid horizontal line. In this alternate format, the heights of the two fields are also flexible to accommodate the required information, within the limits of the Lucent Technologies Standard 801-001-105.

While either positioning is acceptable, the important requirement that must be met is that the **FR:** field always be on the *left* in the side by side positioning, and always on *top* in the top to bottom positioning. Doing so facilitates correct delivery by the carrier. The sample label in Figure 2 is an example of side by side positioning.

2.1.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: The data identifier and field title are **(3S)** and **PKG ID:** respectively. The **(3S)** is used with the lowest level packaging. For other level packaging, see the Lucent Technologies Standard 801-001-105 for the correct Data Identifiers.

Encoded Information: The information encoded in the bar code is the unique six digit number assigned by the Uniform Code Council, Inc., combined with a zero, "0", for U.S. and Canada designation, to Lucent Technologies locations worldwide, **0662742;** followed by the package identification code assigned by the shipping location. The package identification code must start with the appropriate Lucent Technologies location code. The example shown on the sample label, Figure 2,

is MV93421234, where **MV** is the two character code that designates an Lucent Technologies location, in this case Merrimack Valley Works. A plus sign delimiter (+) must **not** be used between **0662742** and the package identification code.

2.1.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

When a purchase order number is the only information to be encoded in the **Transaction Identification** field:

Data Identifier and Field Title: The data identifier and field title are (**K**) and **TRANS ID:** respectively.

Encoded Information: The information encoded in the bar code is the customer purchase order number.

When a purchase order number and a line item number are to be encoded in the **Transaction Identification** field:

Data Identifier and Field Title: The data identifier and field title are (**14K**) and **PO# +LINE#:** respectively.

Encoded Information: The information encoded in the bar code is the customer purchase order number followed by a "+" plus sign and the line item number.

2.1.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field.

Data Identifier and Field Title: The data identifier and field title are (**P**) and **CUST PROD ID:** respectively.

Encoded Information: The information encoded in the bar code is the customer product identification number.

2.1.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title are *(Q)* and *Quantity*.

Encoded Information: The information encoded in the bar code is the quantity of the product in the package or container to which the label is affixed. The two character abbreviation of the unit of measure, per the ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, LB) associated with the quantity is **not** encoded in the bar code, but is required to appear with the quantity in the human readable text. The default, or understood, unit of measure for quantity is "each" for which the abbreviation is EA.

Note: The *Quantity* data field is a mandatory bar code field for single order (*3S and 4S*) labels. It is not used for *Mixed Load* and/or *Multi Order (5S, 6S and 7S)* labels. See the Lucent Technologies Standard 801-001-105 for details.

2.1.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: There are no specific requirements for the use of this field. If this field is used with a bar code, the appropriate data identifier and corresponding field title must be provided. See the Lucent Technologies Standard 801-001-105 for details.

Encoded Information: There are no specific requirements for the use of this field. The field is optional and may be left blank or may contain a bar code symbol, human readable or graphical information for internal use.

2.1.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: There are no requirements for the use of this field. See the Lucent Technologies Standard 801-001-105 for details. A Data Identifier is not applicable since this field should not contain a bar code symbol.

Encoded Information: There are no specific requirements for the use of this field. The field is optional and may be left blank or may contain human readable or graphical information for internal use.

The sample label in Figure 2 shows an example of how this field is used to provide the noun description of a product.

2.1.8 *Package Count, Field "C"*

Field "C" is the ***Package Count*** field.

Data Identifier and Field Title: Field "C" is a text only field. A data identifier is not applicable. The field title is ***Package Count***

Encoded Information: Field "C" is a text only field for single order (***3S, 4S and 5S***) labels. Encoded information in a bar code is not applicable. The human readable text in this field must clearly describe the numerical sequence of the package within a shipment when more than one package is shipped for a specific order. When only one package is required, the count should be indicated as 1 of 1. When multiple packages of an order are shipped, the form X of Y should be used, where X is the number of the package and Y is the total number of packages for the specific order in the shipment. The information required in the field may be hand written or stamped on the label after it is printed.

Note: This field is mandatory for single order (***3S and 4S and 5S***) labels. It is not to be used for ***Multi Order (6S and 7S)*** labels.

2.1.9 *Package Weight, Field "D"*

Field "D" is the ***Package Weight*** field.

Data Identifier and Field Title: Field "D" is a text only field. A data identifier is not applicable. The field title is ***Package Weight***

Encoded Information: Field "D" is a text only field. Encoded information in a bar code is not applicable. The human readable in this field must represent the weight of the package/container/pallet to which the label is attached and must also include the two character unit of measure identifier code. See the Lucent Technologies Standard 801-001-105 for details. The information required in the field may be hand written or stamped on the label after it is printed.

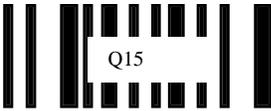
2.1.10 Sample Label

Figure 2 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

2.1.11 Profile Access Code

The Profile Access Code for the *Lucent Technologies Generic Shipping Label Profile* is **E00**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and a customer, to identify the profile.

Generic Shipping Label Profile
Figure 2 - Sample Label (Not To Scale)

FR: Good Supplier Inc. Any Street Any Town, Any State Any Postal Code	TO: Good Customer Any Street Any Town, Any State Any Postal Code Other Shipping Information
(3S) PKG ID:	0662742MV97421234  3S0662742MV97421234
(K) TRANS ID:	ABC1033252  KABC1033252
(P) CUSTOMER PROD. ID:	103665758  P103665758
(Q) QUANTITY:	15 EA  Q15
CIRCUIT PACK AEK28	
PACKAGE COUNT: 1 OF 99	PACKAGE WEIGHT: 102 LB

3. EXTERNAL CUSTOMER SHIPPING LABEL PROFILES

3.1 Bell Atlantic Shipping Label Profile Module

This module presents the Bell Atlantic shipping label requirements for products sent from Lucent Technologies entities to Bell Atlantic locations. Bell Atlantic North, formerly known as NYNEX, has also agreed to use this profile. In negotiations Bell Atlantic has expressed a strong preference for the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Therefore, the profile is developed around that format.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 (See Section 2.0) of this document:

- *ANSI MH 10.8.2 Data Application Identifier and Field Title*

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code symbol. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the data field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in Section 2.0. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Bell Atlantic's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

3.1.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.1.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.1.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: The data identifier and field title are (**14K**) and **P. O.# + LINE #:** respectively.

Encoded Information: The information encoded in the bar code is the eleven character Bell Atlantic purchase order number, followed by a plus sign (+) delimiter and the line item number. The line item number must be **three** characters preceded by zeros if necessary (e.g., 001, 002). In the human readable text the plus sign (+) delimiter is **not** to appear between the purchase order number and the line item number.

3.1.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: The data identifier and field title required are (**P**) and **CUST PROD ID:** respectively. For Common Language Equipment Identification (CLEI) coded products the data identifier and field title required are (**7P**) and **CLEI** respectively.

Encoded Information: The information encoded in the bar code is the Bell Atlantic nine digit product identification number or the seven characters order level CLEI code. ***The information encoded in the bar code is whatever is provided on the Bell Atlantic purchase order.***

3.1.5 Quantity, Field "H"

Field "H" is the **Quantity** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.1.6 Special, Field "I"

Field "I" is the **Special** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.1.7 Description, Field "J"

Field "J" is the **Description** field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: Bell Atlantic requires their noun description of the item in human readable text. This is available from the Bell Atlantic purchase order.

3.1.8 Package Count, Field "C"

Field "C" is the **Package Count** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.1.9 Package Weight, Field "D"

Field "D" is the **Package Weight** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Bell Atlantic does not require this field to be populated for general merchandise product. However, for **cable product** this field is mandatory and must be completed as stated in the *Generic Profile*.

3.1.10 Sample Label

Figure 3 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

3.1.11 Customer Profile Access Code

The *Profile Access Code* for the *Bell Atlantic Shipping Label Profile* is **E01**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Bell Atlantic, to identify the profile.

3.1.12 Lucent Technologies Customer Code

The Lucent Technologies assigned two character Customer Codes for Bell Atlantic are: **32** (Telesector Resources Group Inc),.

3.1.13 Other Considerations

During the negotiations of this profile, Bell Atlantic expressed difficulty with the number of bar code labels, other than the required shipping label, that are appearing on shipments from Lucent Technologies entities to Bell Atlantic locations. This issued has been addressed by the Global Bar Code Technologies Group and will be included in an upcoming revision of Lucent Technologies Standard 801-101-005. The revision will state that obsolete labels should be removed or covered. When covering obsolete labels, the print quality of the new label applied over the obsolete label shall meet the requirements of Lucent Technologies Standard 801-001-105.

3.1.14 Acknowledgments

The Global Bar Code Technologies group acknowledges the contributions of Jill Young, Eastern Region Marketing Support Specialist, in the development of this profile. Serving as the Lucent Technologies point of contact to Bell Atlantic regarding shipping activities, Jill lead the negotiating of Bell Atlantic's shipping requirements outlined in the profile. She also performed final editorial

801-001-107
January 15, 1998
Page 20

activities prior to release to Bell Atlantic for approval.

Bell Atlantic Shipping Label Profile

Figure 3 - Sample Label (Not To Scale)

FR: Good Supplier Inc. Any Street Any Town, Any State Any Postal Code	TO: Bell Atlantic CAPP0573399 (Bell Atlantic Tax No. T521312773) 40 Corporate Place Piscataway, NJ 08854-4128
(3S) PKG ID:	0662742MV97421234  3S0662742MV97421234
(14K) P.O. # + LN #:	CAPP0573399 001  14KCAPP0573399+001
(P) CUSTOMER PROD. ID:	103665758  P103665758
(Q) QUANTITY:	10 EA  Q10
CIRCUIT PACK AEK28	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 100 LB

3.2 AMERITECH INFORMATION SYSTEMS Shipping Label Profile Module

This module presents the Ameritech Information Systems (AIS) shipping label requirements for products sent from Lucent Technologies entities to Ameritech Information Systems locations. Ameritech Information Systems has expressed an acceptance of the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Therefore, the profile is developed around that format.

This profile (Profile Access Code E02, See Section 3.2.11) applies to shipments only to AMERITECH INFORMATION SYSTEMS locations. The profile must NOT be used when shipments are designated to an AMERITECH SERVICES location. When shipments are designated to an Ameritech Services location (generally South Bend, IN) the *Ameritech Services Shipping Label Profile* must be used (see Section 3.4).

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Application Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies 801-001-105 standard.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

The profile is limited strictly to information about how the fields on the label need to be populated to satisfy Ameritech Information Services requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in

conjunction with the Lucent Technologies Standard 801-001-105.

3.2.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.2.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.2.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*. The data identifier and field title are **(K)** and **TRANS ID:** respectively.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code is the Ameritech Information Services purchase order number.

3.2.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code is the AIS part number referenced on the Ameritech Information Services purchase order.

3.2.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The two character abbreviation of the unit of measure is to match the unit of measure referenced on the Ameritech Information Services purchase order.

3.2.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are (*IP*) and *Supp Prod ID:* respectively.

Encoded Information: The information encoded in the bar code is the supplier/manufacturer part number, the Lucent Technologies COMCODE or equivalent.

3.2.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title:A data identifier is not applicable and a field title is not required.

Encoded Information: Ameritech Information Systems requires the Lucent Technologies noun description of the product to appear in the field in human readable text.

3.2.8 *Package Count, Field "C"*

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.2.9 *Package Weight, Field "D"*

Field "D" is the ***Package Weight*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.2.10 *Sample Label*

Figure 4 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

3.2.11 *Customer Profile Access Code*

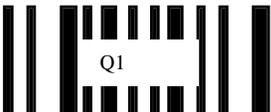
The *Profile Access Code* for the *Ameritech Information Systems Shipping Label Profile* is **E02**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Ameritech Information Systems, to identify the profile.

3.2.12 *Acknowledgements*

The Global Bar Code Technologies group acknowledges the contributions of Cindy Judnic, Account Manager, Network Systems Marketing, in the development of this profile. Cindy coordinated the negotiation of the Ameritech Information Systems' shipping label requirements outlined in the profile.

Ameritech Information Systems Shipping Label Profile

Figure 4 - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: AMERITECH INFO.SYSTEMS, INC. 1400 W THORNDALE AVE ITASCA, ILLINOIS 60143
(3S) PKG ID:	0662742MV97421234  3S0662742MV97421234
(K) TRANS ID:	3130067  K3130067
(P) CUSTOMER PROD. ID:	AA0021121  PAA0021121
(Q) QUANTITY:	1 EA  Q1
(1P) SUPP PROD ID:	103764007  1P103764007
Ringer C4C	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 3 LB

3.3 Bell South Shipping Label Profile Module

This module presents the Bell South shipping label requirements for products sent from Lucent Technologies entities to Bell South locations. Bell South has expressed an acceptance of the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Therefore, the profile is developed around that format.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Application Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per the Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Bell South's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

3.3.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.3.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.3.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: The data identifier and field title are **(14K)** and **P. O. # + LINE #:** respectively.

Encoded Information: The information encoded in the bar code is the Bell South purchase order number, followed by a plus sign (+) delimiter and the line item number. The line item number must be **three** characters, preceded by zeros if necessary (e.g., 001, 002).

3.3.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: The data identifier and field title required are **(P)** and **CUST PROD ID:** respectively. For Common Language Equipment Identification (CLEI) coded products the data identifier and field title required are **(7P)** and **CLEI** respectively.

Encoded Information: The information encoded in the bar code is the Bell South ten digit product identification number or the seven character order level CLEI code. The information encoded in the bar code is whatever is provided on the Bell South purchase order.

3.3.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.3.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are (*IP*) and *Supp Prod ID*: respectively.

Encoded Information: The information encoded in the bar code is the supplier/manufacturer part number, the Lucent Technologies COMCODE or equivalent.

3.3.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: Bell South does not require a bar code in this field. Therefore, a data identifier is not applicable and a field title is not required.

Encoded Information: Bell South does not require a bar code in this field. Encoded information in a bar code is not applicable. However, Bell South requires the Lucent Technologies noun description of the product to appear in the field in human readable text.

3.3.8 *Package Count, Field "C"*

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.3.9 *Package Weight, Field "D"*

Field "D" is the ***Package Weight*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.3.10 *Sample Label*

Figure 5 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

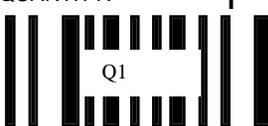
3.3.11 *Customer Profile Access Code*

The *Profile Access Code* for the *Bell South Shipping Label Profile* is **E03**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Bell South, to identify the profile.

3.3.12 *Acknowledgements*

The author of this document would like to acknowledge the contributions of Lisa Hix, Business Systems Specialist, Marketing Support, in the development of this profile. Lisa coordinated the negotiation of the Bell South shipping label requirements outlined in the profile.

Bell South Shipping Label Profile
Figure 5 - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: BELL SOUTH TELECOMMUNICATIONS 2020 VALLEYDALE ROAD BURMINGHAM, AL 35244
(3S) PKG ID:	0662742MV97421234
 3S0662742MV97421234	
(14K) P.O. # + LN #:	123456789+001
 14K123456789+001	
(P) CUSTOMER PROD. ID:	AA0021121
 PAA0021121	
(Q) QUANTITY:	1 EA
 Q1	
(1P) SUPP PROD ID:	103764007
 1P103764007	
Ringer C4C	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 3 LB

3.4 AMERITECH SERVICES Shipping Label Profile Module

This module presents the Ameritech Services shipping label requirements for products sent from Lucent Technologies entities to Ameritech Services locations. Ameritech Services has expressed an acceptance of the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Therefore, the profile is developed around that format.

This profile (Profile Access Code E04, See Section 3.4.11) applies to shipments only to AMERITECH SERVICES locations (generally South Bend, IN). The profile must NOT be used when shipments are designated to an AMERITECH INFORMATION SYSTEMS location. When shipments are designated to an Ameritech Information Systems location (generally Itasca, IL) the *Ameritech Information Systems Shipping Label Profile*, (Profile Access Code E02) must be used (see Section 3.2).

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105 , and in Figure 1 of this document:

- *ANSI MH 10.8.2 Data Identifier and corresponding Field Title*

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per the Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified. This profile references the *Lucent Technologies Generic Shipping Label Profile* presented in this document. Therefore the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Ameritech Services' requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction

with the Lucent Technologies Standard 801-001-105.

3.4.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.4.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: The information encoded in the bar code is the unique six digit number assigned by the Uniform Code Council, Inc., combined with a zero ,"0", for U.S. and Canada designation, to Lucent Technologies locations worldwide, **0662742**; followed by the package identification code assigned by the shipping location. The package identification code must start with the appropriate Lucent Technologies location code. The example shown on the sample label, Figure 6, is MV934212, where **MV** is the two character code that designates an Lucent Technologies location, in this case Merrimack Valley Works. A plus sign delimiter (+) must **not** be used between **0662742** and the package identification code.

Note: Shipments to Ameritech Services require that the package identification code, including the two character Lucent Technologies location designation, must be limited to a maximum of eight characters.

3.4.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: The data identifier and field title are (**14K**) and **PO# + LINE #**: respectively.

Encoded Information: The information encoded in the bar code is the eight character Ameritech Services purchase order number, followed by a plus sign (+) delimiter and the line item number. The line item number must be **four** characters preceded by zeros if necessary (e.g., 0001, 0002). The plus

sign (+) delimiter is also to appear between the purchase order number and the line item number in the human readable text.

3.4.4 Customer Product Identification, Field "G"

Field "G" is the *Customer Product Identification* field.

Data Identifier and Field Title: The data identifier and field title required are (*P*) and *CUST PROD ID*; respectively if the Ameritech Services identification number is provided on the purchase order; and (*7P*) and *CLEI* respectively if the Common Language Equipment Identification (CLEI) code is provided on the purchase order.

Encoded Information: The information encoded in the bar code is the nine character Ameritech Services product identification number or the seven character order level CLEI code. The information encoded in the bar code is whatever is provided on the Ameritech Services purchase order.

3.4.5 Quantity, Field "H"

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title required are (*7Q*) and *QUANTITY*; respectively.

Encoded Information: The information encoded in the bar code is the total quantity of the product in all cartons on a single pallet, immediately followed by the associated two character unit of measure (vendor unit) abbreviation (e.g., EA, LB). The two character unit of measure (vendor unit) abbreviation must also appear in the human readable text.

Note: As specified in the Lucent Technologies Standard 801-001-105, a (**4S**) shipping label scenario (Master Pack - Single Order/Single Product) requires that (**3S**) level shipping labels be applied to the individual cartons that make up the pallet or unitized load. In this scenario, Ameritech Services requirements state that the total quantity of the product on a pallet (unitized load) is encoded in bar code in the *Quantity* field of the (**4S**) label, and that the number of products in each carton is encoded in bar code in the *Special* field of the (**4S**) label. The following examples are provided by Ameritech Services for clarification.

EXAMPLE ONE: An Ameritech Services order is issued for a total quantity of 100 of product "B". The order is packaged in 20 cartons of 5 items per carton. The 20 cartons are placed on one pallet or unitized load (not exceeding Ameritech Services size limitations).

A (3S) label is applied to each of the twenty cartons. One (4S) is placed on the pallet representing the entire quantity on the pallet. The *Quantity* field on the (4S) label reflects the total quantity of the product on the pallet or unitized load, in this case "100 EA". The (4S) label also has the *Special* field populated with the quantity of the product per carton, in this case "5 EA".

EXAMPLE TWO: An Ameritech Services Order is issued for a total quantity of 350 of product "C". The order is packaged in 35 cartons of 10 items per carton. Eight cartons are placed on each pallet (not exceeding Ameritech Services size limitations). The result is four full pallets of 8 cartons each and one partial pallet of 3 cartons.

A (4S) label is applied to each of the 4 full pallets with the *Quantity* field of each label representing the total quantity of the product on the pallet, in this case "80 EA". A (4S) label is also applied to the one partial pallet with the *Quantity* field of the label representing the total quantity of the product on the pallet, in this case "30 EA". Each of the five (4S) labels has the *Special* field populated with the quantity of the product per carton, in this case "10 EA".

3.4.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: For a non-cable shipments the required data identifier and field title are (Z) and *SPECIAL*: respectively. For cable shipments the required data identifier and field title are (IB) and *CABLE REEL ID*: respectively.

Encoded Information: For a non-cable shipment, the encoded information in the bar code is the quantity of the product per carton, per pallet. The two character unit of measure abbreviation is not required to be encoded in the bar code or to appear as human readable.

Please see Section 3.4.5 for examples of how to populate this field for non-cable shipments.

For cable shipments, the information encoded in the bar code is the cable reel designation as specified in the *TCIF Guidelines for the Identification and Bar Code Labeling of Cable Reels*. This designation consists of a concatenation of the two character owner code, the six character reel serial number, and the three character reel size code appearing as one continuous data string.

3.4.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: Ameritech Services has no specific requirements for the use of this field. The

field is optional and may be left blank or may contain human readable or graphical information for internal use.

3.4.8 Package Count, Field "C"

Field "C" is the *Package Count* field.

Data Identifier and Data Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.4.9 Package Weight, Field "D"

Field "D" is the *Package Weight* field.

Data Identifier and Data Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.4.10 Sample Label

Figure 6 that follows is a copy of a sample label showing the correct data specified above. The sample label represents a (**4S**) shipping scenario (Master Pack - Single Order/Single Product) to show how the *Special* field is populated (See Sections 5.5.5 and 5.5.6). While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

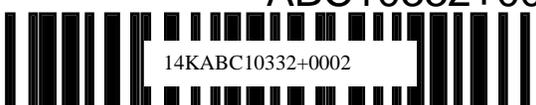
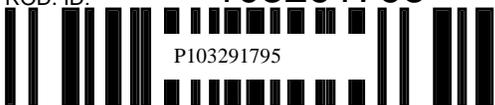
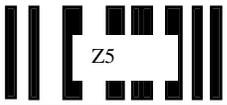
3.4.11 Customer Profile Access Code

The *Profile Access Code* for the *Ameritech Services Shipping Label Profile* is **E04**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Ameritech Services, to identify the profile.

3.4.12 Lucent Technologies Customer Code

The Lucent Technologies assigned two digit Customer Code for Ameritech Services is **30** for order entry and **GL** for billing.

Ameritech Services Shipping Label Profile
Figure 6 - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: AMERITECH SERVICES 4444 AMERITECH DRIVE SOUTH BEND, IN 46628
(3S) PKG ID:	0662742MV974212  3S0662742MV97421234
(14K) P.O. # + LN #:	ABC10332+0002  14KABC10332+0002
(P) CUSTOMER PROD. ID:	103291795  P103291795
(7Q) QUANTITY:	100 EA  7Q100EA
(Z) SPECIAL:	5  Z5
PACKAGE COUNT:	PACKAGE WEIGHT:
1 OF 2	102 LB

3.5 ANIXTER Shipping Label Profile Module

This module represents the Anixter shipping label requirements for products sent from Lucent Technologies entities to Anixter locations. The profile is developed around the "vertical" label format of Lucent Technologies Standard 801-001-105, Figure 1, Page 3.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per the Lucent Technologies Standard 801-001-105 .

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Lucent Technologies Generic Shipping Label Profile* presented in the document. Therefore, the requirements must be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Anixter's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with Lucent Technologies Standard 801-001-105.

3.5.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.5.2 *Supplier Package Identification, Field "E"*

Field "E" is the *Supplier Package Identification* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.5.3 *Transaction Identification, Field "F"*

Field "F" is the *Transaction Identification* field.

Data Identifier and Field Title: The data identifier and field title are *(14K)* and *P. O.# + LINE #:* respectively.

Encoded Information: The information encoded in the bar code is the Anixter purchase order number, followed by a plus sign (+) delimiter and the line item number. The line item number must be **three** characters preceded by zeros if necessary (e.g., 001, 002). The plus sign (+) delimiter is also required to appear between the purchase order number and the line item number in the human readable text.

3.5.4 *Customer Product Identification, Field "G"*

Field "G" is the *Customer Product Identification* field

Data Identifier and Field Title: The data identifier and field title required are *(P)* and *CUST PROD ID:* respectively.

Encoded Information: The information encoded in the bar code is the Anixter product identification number, including any dash (-) characters or slash (/) characters that are a part of the number. The information encoded in the bar code is whatever is provided on the Anixter purchase order.

3.5.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.5.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are (*IP*) and *Supp Prod ID:* respectively.

Encoded Information: The information encoded in the bar code is the supplier/manufacturer part number, the Lucent Technologies COMCODE or equivalent.

3.5.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: Anixter requires the Lucent Technologies noun description of the product to appear in the field in human readable text.

3.5.8 *Package Count, field "C"*

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.5.9 *Package Weight, Field "D"*

Field "D" is the *Package Weight* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.5.10 Sample Label

Figure 7 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See Lucent Technologies Standard 801-001-105 for details.

3.5.11 Customer Profile Access Code

The *Profile Access Code* for the *Anixter Shipping Label Profile* is **E05**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Anixter, to identify the profile.

3.5.12 Lucent Technologies Customer Code

The Lucent Technologies assigned two character Customer Code for Anixter are: **A6** (Anixter Brothers Inc), **CX** (Anixter-Cincinnati), **FB** (Anixter - Mexico), **GU** Anixter International, LTD-PDS-EURPE), **HD** (Anixter Brothers - CATV, Inc), **VY** (Anixter Manufacturing Inc), **WB** (Anixter Inc-QWEST/Frontier Project).

3.5.13 Acknowledgements

The author of this document would like to acknowledge the contributions of Donna Horvath, Lucent Technologies's Customer Process Manager to Anixter, in the development of this profile. Serving as the Lucent Technologies point of contact to Anixter regarding shipping activities, Donna lead the discussion and negotiation of Anixter's shipping requirements outlined in the profile.

Anixter Shipping Label Profile
Figure 7 - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: ANIXTER 4711Golf road Skokie, Illinois 60076
(3S) PKG ID:	0662742MV97421234  3S0662742MV97421234
(14K) P.O. # + LN #:	CAPP0573399+001  14KCAPP0573399+001
(P) CUSTOMER PROD. ID:	ABCD-1234  PABCD-1234
(Q) QUANTITY:	10 EA  Q10
(1P) SUPP PROD ID:	103764007  1P103764007
CIRCUIT PACK AEK28	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 13 LB

3.6 PACIFIC BELL Shipping Label Profile Module

This module presents the Pacific Bell shipping label requirements for products sent from Lucent Technologies entities to Pacific Bell locations. In negotiations Pacific Bell has agreed to accept the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Since the standard specifies the "vertical" format as the first choice to satisfy customer labeling requirements, this profile is developed around that format.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per the Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Lucent Technologies Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Pacific Bell's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

3.6.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. Note that the positioning of the *Ship From* and *Ship To* information can vary to accommodate varying length address fields as long as the *Ship From* information is to the left and above the *Ship To* information. See 801-001-105 for examples.

3.6.2 Supplier Package Identification, Field "E"

Field "E" is the *Supplier Package Identification* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.6.3 Transaction Identification

Field "F" is the *Transaction Identification* field.

Data Identifier and Field Title: The data identifier and field title are (14K) and P. O.# + LINE #: respectively.

Encoded Information: The information encoded in the bar code is the Pacific Bell purchase order number as provided to Lucent by Pacific Bell. For example, when a Pacific Bell order is received via EDI the eleven character order number begins with the four characters "CAPP" followed by the purchase order number, a plus sign delimiter "+" and a three character sequence or line item number. For non-EDI orders, the fifteen character purchase order number consists of eight numerics followed by four blanks and three alphanumeric characters. This is followed by the plus sign delimiter "+" and a three character sequence or line item number. In both cases, the sequence or line item number must be three characters. If the sequence or line item number is less than three digits then the number must be preceded by zeros to make it a three character number field (e.g., 001, 002).

3.6.4 Customer Product Identification, Field "G"

Field "G" is the *Customer Product Identification* field

Data Identifier and Field Title: If this data field is used, the data identifier and field title required are (P) and CUST PROD ID: respectively. For Common Language Equipment Identification (CLEI) coded products the data identifier and field title required are (7P) and CLEI: respectively.

Encoded Information: The information encoded in the bar code may be the Pacific Bell nine digit product identification number or the seven character order level CLEI code. The information encoded in the bar code is whatever is provided on the Pacific Bell purchase order for the product identification code.

3.6.5 *Quantity, Field "H"*

Field "H" is the **Quantity** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.6.6 *Special, Field "I"*

Field "I" is the **Special** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Note that if this field contains a Lucent product identification code then the Data Identifier and field title will be (**IP**) and **SUPP PROD ID:** respectively.

Encoded Information: Same as the *Generic Profile*.

Note that this field may contain a bar code symbol encoding the Lucent product identification code, if necessary.

3.6.7 *Description, Field "J"*

Field "J" is the **Description** field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: Pacific Bell requires their noun description of the product in human readable text. This is available from the Pacific Bell purchase order.

3.6.8 *Package Count, Field "C"*

Field "C" is the **Package Count** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.6.9 Package Weight, Field "D"

Field "D" is the **Package Weight** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.6.10 Sample Label

Figures 8a and 8b that follow are copies of sample labels showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

3.6.11 Customer Profile Access Code

The *Profile Access Code* for the *Pacific Bell Shipping Label Profile* is **E06**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Pacific Bell, to identify the profile.

3.6.12 Lucent Technologies Customer Code

The Lucent Technologies assigned two digit Customer Codes for Pacific Bell are: **40** (Pacific Bell), **42** (Nevada Bell), **NI** (Nevada Bell - Hardcopy), **NV** (Nevada Bell - Mechanized), **PT** (Pacific Bell - Mechanized), **PU** (Pacific Bell - Hardcopy).

3.6.13 Acknowledgements

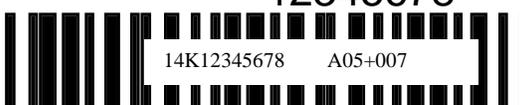
The Global Bar Code Technologies group acknowledges the contributions of Roz Dulin, Lucent Technologies Pacific Bell Customer Service Team and Richard King, Pacific Bell in the development of this profile.

Pacific Bell Shipping Label Profile for Orders Received via EDI
Figure 8a - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: PACIFIC BELL CON-12345678 A05 1661 Doolittle Drive Room 12A4 San Leandro, CA 94577-2229
(3S) PKG ID:	0662742DE971124  3S0662742DE971124
(14K) P.O. # + LN #:	CAPP1035325+007  14KCAPP1035325+007
(P) CUSTOMER PROD. ID:	103291795  P103291795
(Q) QUANTITY:	999.99 EA  Q999.99
(1P) SUPP PROD ID:	804009348  1P804009348
BLOCK TERMINAL BLK 9A1-25W - 12FT	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 180 LB

Pacific Bell Shipping Label Profile for Non-EDI Orders

Figure 8b - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: PACIFIC BELL CON-12345678 A05 1661 Doolittle Drive Room 12A4 San Leandro, CA 94577-2229
(3S) PKG ID:	0662742DE971118  3S0662742DE971118
(14K) P.O. # + LN #:	12345678 A05+007  14K12345678 A05+007
(P) CUSTOMER PROD. ID:	103291795  P103291795
(Q) QUANTITY:	9999.99 EA  Q9999.99
(1P) SUPP PROD ID:	804009348  1P804009348
BLOCK TERMINAL BLK 9A1-25W - 12FT	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 180 LB

3.7 Southern New England Telephone Shipping Label Profile Module

This module presents the Southern new England Telephone (SNET) shipping label requirements for products sent from Lucent Technologies entities to SNET locations. In negotiations SNET has expressed a strong preference for the "vertical" label format, Lucent Technologies Standard 801-001-105, Figure 1, Page 3, in shipping and receiving operations with Lucent Technologies. Therefore, the profile is developed around that format.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 (See Section 2.0) of this document:

- ANSI MH 10.8.2 Data Application Identifier and Field Title

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code symbol. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the data field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in Section 2.0. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy SNET's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

3.7.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.7.2 *Supplier Package Identification, Field "E"*

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.7.3 *Transaction Identification, Field "F"*

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*. When a purchase order and line item data are to be included, the Data Identifier 14K shall precede the purchase order number which shall be followed by a "plus" sign and the line item number. See the *Generic Profile* section for more details.

Encoded Information: The information encoded in the bar code is the SNET order number as shown on the originating SNET documentation or electronic data interchange. See *Generic Profile* section.

3.7.4 *Customer Product Identification, Field "G"*

Field "G" is the **Customer Product Identification** field.

Data Identifier and Field Title: The data identifier and field title required are **(P)** and **CUST PROD ID**; respectively. For Common Language Equipment Identification (CLEI) coded products the data identifier and field title required are **(7P)** and **CLEI** respectively.

Encoded Information: The information encoded in the bar code is the SNET product identification code. This shall be a full ten character CLEI code. ***In all cases the first seven characters of the full ten character CLEI code shall be the same as shown on the SNET purchase order.***

3.7.5 *Quantity, Field "H"*

Field "H" is the **Quantity** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.7.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.7.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: SNET does not have any specific use for this field but expects that Lucent Technologies will include a noun description of the product in this data field.

3.7.8 *Package Count, Field "C"*

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.7.9 *Package Weight, Field "D"*

Field "D" is the *Package Weight* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*

3.7.10 Sample Label

Figure 9 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

3.7.11 Customer Profile Access Code

The *Profile Access Code* for the *Southern New England Telephone Shipping Label Profile* is **E07**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and Southern New England Telephone, to identify the profile.

3.7.12 Lucent Technologies Customer Code

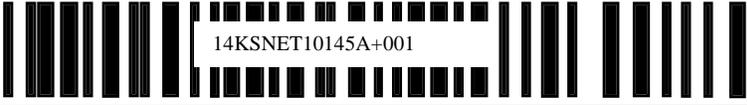
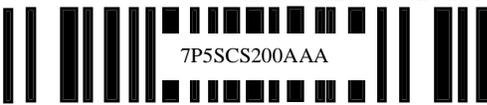
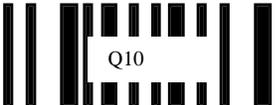
The Lucent Technologies assigned two digit Customer Codes for SNET are: **47** (Southern New England Tel Co), **SN** (Southern New England Tel Co).

3.7.13 Acknowledgments

The Global Bar Code Technologies group acknowledges the contributions of Vick Barbaro, Southern New England Telephone as the primary point of contact within SNET and for Carl Wallin, Lucent Technologies, Customer Service Manager - SNET Customer Team, without whose help in developing the correct customer contacts this profile would not have been possible.

Southern New England Telephone Shipping Label Profile

Figure 9 - Sample Label (Not To Scale)

FR: Good Supplier Inc. Any Street Any Town, Any State Any Postal Code	TO: Southern New England Telephone PIE Central Stock 58B Robinson Blvd (PIE) Orange CT 06477-3622
(3S) PKG ID:	0662742OC97421234  3S0662742OC97421234
(14K) P.O # + LN #:	SNET10145A 001  14KSNET10145A+001
(7P) CLEI:	5SCS200AAA  7P5SCS200AAA
(Q) QUANTITY:	10 EA  Q10
CIRCUIT PACK AUA1	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 30 LB

3.8 GTE Shipping Label Profile Module

This module represents the GTE shipping label requirements for products sent from Lucent Technologies entities to GTE locations. The profile is developed around the "vertical" label format of Lucent Technologies Standard 801-001-105, Figure 1, Page 3.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a data field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per the Lucent Technologies Standard 801-001-105 .

The information encoded in the bar code is also required to appear in the data field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Lucent Technologies Generic Shipping Label Profile* presented in the document. Therefore, the requirements must be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy GTE's requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with Lucent Technologies Standard 801-001-105.

3.8.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.8.2 *Supplier Package Identification, Field "E"*

Field "E" is the ***Supplier Package Identification*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.8.3 *Transaction Identification, Field "F"*

Field "F" is the ***Transaction Identification*** field.

Data Identifier and Field Title: The data identifier and field title are (***14K***) and ***P. O.# + LINE #:*** respectively.

Encoded Information: The information encoded in the bar code is the GTE purchase order number, followed by a plus sign (+) delimiter and the line item number. The line item number must be **three** characters preceded by zeros if necessary (e.g., 001, 002). The plus sign (+) delimiter is also required to appear between the purchase order number and the line item number in the human readable text.

3.8.4 *Customer Product Identification, Field "G"*

Field "G" is the ***Customer Product Identification*** field.

Data Identifier and Field Title: The data identifier and field title required are (***P***) and ***CUST PROD ID:*** respectively.

Encoded Information: The information encoded in the bar code is the GTE product identification number, including any dash (-) characters or slash (/) characters that are a part of the number. The information encoded in the bar code is whatever is provided on the GTE purchase order.

3.8.5 *Quantity, Field "H"*

Field "H" is the ***Quantity*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.8.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are (*IP*) and *Supp Prod ID*: respectively.

Encoded Information: The information encoded in the bar code is the supplier/manufacturer part number, the Lucent Technologies COMCODE or equivalent.

3.8.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier is not applicable and a field title is not required.

Encoded Information: GTE requires the GTE noun description of the product to appear in the field in human readable text. This should be identical to the ordering information received from GTE.

3.8.8 *Package Count, field "C"*

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.8.9 *Package Weight, Field "D"*

Field "D" is the *Package Weight* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

3.8.10 Sample Label

Figure 10 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See Lucent Technologies Standard 801-001-105 for details.

3.8.11 Customer Profile Access Code

The *Profile Access Code* for the *GTE Shipping Label Profile* is **E08**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and GTE, to identify the profile.

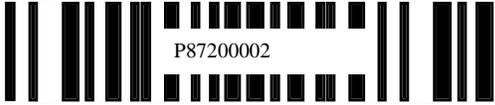
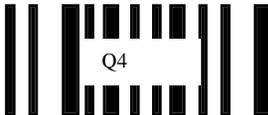
3.8.12 Lucent Technologies Customer Code

The Lucent Technologies assigned two character Customer Codes for GTE are: **D5** (GTE -Cellular), **D7** (U S SPRINT), **D8** (GTE Supply), **D9** (GTE Hawaiian Tel), **L3** (GTE Communications Systems Corp.), **L4** (GTE Co of California), **L5** (GTE Co of Florida), **L6** (GTE Co of the Midwest), **L7** (GTE Co of the Northwest), **L8** (GTE of the South), **L9** (GTE Co of the Southwest), **VX** (GTE-MOBILNET-Atlanta)

3.8.13 Acknowledgements

The Global Bar Code Technologies group acknowledges the contributions of Jennifer Steinmetz, Lucent Technologies GTE Customer Service Team and Shonna Likens, GTE in the development of this profile.

GTE Shipping Label Profile
Figure 10 - Sample Label (Not To Scale)

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: GTE 4711Golf road Skokie, Illinois 60076
(3S) PKG ID:	0662742MV97421234  3S0662742MV97421234
(14K) P.O. # + LN #:	P709700124+001  14KP709700124+001
(P) CUSTOMER PROD. ID:	87200002  P87200002
(Q) QUANTITY:	4 EA  Q4
(1P) SUPP PROD ID:	ED9786850645  1PED9786850645
Line up rack covers gray	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 13 LB

4. INTERNAL SHIPPING LABEL PROFILES

4.1 Installer Shipping Label Profile Module

This module presents the Lucent Technologies Installer shipping label requirements for products sent from suppliers to Lucent Technologies Installers. The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- *ANSI MH 10.8.2 Data Identifier and corresponding Field Title*

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Lucent Technologies Installer requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

4.1.1 *Ship From & Ship To, Fields "A" and "B"*

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.1.2 *Supplier Package Identification, Field "E"*

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code shall be the seven character supplier identification code, followed by the package identification code. The supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the supplier identification code and the package identification code in either the encoded information or in the human readable text.

4.1.3 *Transaction Identification, Field "F"*

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*

Encoded Information: The information encoded in the bar code is the **Lucent Technologies Order Number**. This number consists of the Lucent Technologies purchase order number minus the last five characters.

4.1.4 *Customer Product Identification, Field "G"*

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The customer product identification code is the Lucent Technologies commodity code.

4.1.5 *Quantity, Field "H"*

Field "H" is the **Quantity** field.

Data Identifier and Field Title: The data identifier and field title are **(7Q)** and **Quantity**.

Encoded Information: The information encoded in the bar code is the quantity of the product followed by the two character abbreviation of the unit of measure, per the ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, FT) associated with the quantity. In the human readable text, a space must separate the quantity of the product and the unit of measure abbreviation.

4.1.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are *(20P)* and *Special*.

Encoded Information: The information encoded in the bar code consist of two segments. The first segment is the three character specification number (including any leading zeros), or the seven character requisition number. The second segment is the item number. In the encoded information and in the human readable text, a plus sign (+) delimiter must separate the two segments.

Note: For multiple specification numbers and/or requisition numbers this field must be left blank.

4.1.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Lucent Technologies Installation requires the following information to appear as human readable text in this field:

- a) the Lucent Technologies noun description of the item (available on the purchase order),
- b) the words "Date Shipped:" followed by the appropriate date (month, day, and year).
- c) and the Bell Operating Company Order Number, if provided on the Lucent Technologies purchase order.

The Lucent Technologies noun description, the "Date Shipped" information, and the Bell Operating Company Order Number, if provided, are to appear on separate lines in this field.

4.1.8 Package Count, Field "C"

Field "C" is the **Package Count** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.1.9 Package Weight, Field "D"

Field "D" is the **Package Weight** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.1.10 Sample Label

Figure 11 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

4.1.11 Customer Profile Access Code

The **Profile Access Code** for the *Lucent Technologies Installer Shipping Label Profile* is **A01**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and suppliers to identify the profile.

Lucent Technologies Installer Shipping Label Profile
Figure 11 - Sample Label

FR: Lucent Technologies Any Street Any Town, Any State Any Postal Code	TO: Lucent Technologies Installer 879 12th Street Hammonton, NJ 08037
(3S) PKG ID:	012345612345678  3S012345612345678
(K) TRANS ID:	54422TE  K54422TE
(P) CUSTOMER PROD. ID:	405607565  P405607565
(7Q) QUANTITY:	12 EA  7Q12EA
(20P) SPECIAL:	004+5  20P004+5
KS -21652 L-7 Date Shipped: 10/22/96 B7H99447AT	
PACKAGE COUNT: 2 OF 4	PACKAGE WEIGHT: 23 LB

4.2 Export Center Shipping Label Profile Module

This module presents the Lucent Technologies Export Centers' shipping label requirements for products sent from suppliers and Lucent Technologies entities to Lucent Technologies Export Centers.

The Lucent Technologies Export Centers were formerly referred to as the MASCs (e.g., Rocklin, CA, Jacksonville, FL, Laredo, TX, Ramapo, NY).

Note: While the *Export Center Shipping Label Profile* is distributed as a separate module, it is identical to the *Installer Shipping Label Profile* and has been assigned the same Profile Access Code of A01.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105, and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Application Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Application Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Export Center requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

4.2.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.2.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code shall be the seven character supplier identification code, followed by the package identification code. The supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the supplier identification code and the package identification code in either the encoded information or in the human readable text.

4.2.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*

Encoded Information: The information encoded in the bar code is the **Lucent Technologies Order Number**. This number consists of the Lucent Technologies purchase order number minus the last five characters.

4.2.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The customer product identification code is the Lucent Technologies commodity code.

4.2.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title are *(7Q)* and *Quantity*.

Encoded Information: The information encoded in the bar code is the quantity of the product followed by the two character abbreviation of the unit of measure, per the ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, FT) associated with the quantity. In the human readable text, a space must separate the quantity of the product and the unit of measure abbreviation.

4.2.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are *(20P)* and *Special*.

Encoded Information: The information encoded in the bar code consist of two segments. The first segment is the three character specification number (including any leading zeros), or the seven character requisition number. The second segment is the item number. In the encoded information and in the human readable text, a plus sign (+) delimiter must separate the two segments.

Note: For multiple specification numbers and/or requisition numbers this field must be left blank.

4.2.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Lucent Technologies Export Centers require the following information to appear as human readable text in this field:

- a) the Lucent Technologies noun description of the item, (available on the purchase order)
- b) and the words "Date Shipped:" followed by the appropriate date (month, day, and year),
- c) the Bell Operating Company Order Number, if provided on the Lucent Technologies purchase order.

The Lucent Technologies noun description, the "Date Shipped" information, and the Bell Operating Company Order Number if provided, are to appear on separate lines in this field.

4.2.8 Package Count, Field "C"

Field "C" is the *Package Count* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.2.9 Package Weight, Field "D"

Field "D" is the *Package Weight* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.2.10 Sample Label

Figure 12 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

4.2.11 Customer Profile Access Code

The *Profile Access Code* for the *Lucent Technologies Export Center Shipping Label Profile* is **A01**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and suppliers to identify the profile.

Lucent Technologies Export Center Shipping Label Profile
Figure 12 - Sample Label (Not to Scale)

FR: Good Supplier Any Street Any Town, Any State Any Postal Code	TO: Lucent Technologies Export Center 3381 Industrial Ave. Rocklin, CA 95765
(3S) PKG ID:	012345612345678  3S012345612345678
(K) TRANS ID:	54422TE  K54422TE
(P) CUSTOMER PROD. ID:	405607565  P405607565
(7Q) QUANTITY:	12 EA  7Q12EA
(20P) SPECIAL:	004+5  20P004+5
KS -21652 L-7 Date Shipped: 10/22/96 B7H99447AT	
PACKAGE COUNT: 2 OF 4	PACKAGE WEIGHT: 23 LB

4.3 International Export Center Shipping Label Profile Module

This module presents the Lucent Technologies International Export Centers' shipping label requirements for products sent from suppliers and Lucent Technologies entities to Lucent Technologies International Export Centers.

Note: This *International Export Center Shipping Label Profile* is a distinct and separate profile from the *Export Center Shipping Label Profile*, that was distributed earlier as a separate profile module (See Section 4.2).

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105 , and in Figure 1 of this document:

- *ANSI MH 10.8.2 Data Identifier and corresponding Field Title*

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements must be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy International Export Center requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with Lucent Technologies Standard 801-001-105.

4.3.1 *Ship From & Ship To, Fields "A" and "B"*

Fields "A" and "B" are the ***Ship From*** and ***Ship To*** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.3.2 *Supplier Package Identification, Field "E"*

Field "E" is the ***Supplier Package Identification*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code shall be the seven character supplier identification code, followed by the package identification code. The supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the supplier identification code and the package identification code in either the encoded information or in the human readable text.

4.3.3 *Transaction Identification, Field "F"*

Field "F" is the ***Transaction Identification*** field.

Data Identifier and Field Title: Same as the *Generic Profile*

Encoded Information: The information encoded in the bar code is the Lucent Technologies purchase order number.

4.3.4 *Customer Product Identification, Field "G"*

Field "G" is the ***Customer Product Identification*** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The customer product identification code is the Lucent Technologies COMCODE.

4.3.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title are *(7Q)* and *Quantity*.

Encoded Information: The information encoded in the bar code is the quantity of the product followed by the two character abbreviation of the unit of measure, per ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, FT) associated with the quantity. In the human readable text, a space must separate the quantity of the product and the unit of measure abbreviation.

4.3.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: The data identifier and field title are *(20P)* and *Special*.

Encoded Information: The information encoded in the bar code consists of two segments. The first segment is the three character specification number (including any leading zeros), or the seven character requisition number. The second segment is the item number. In the encoded information and in the human readable text, a plus sign (+) delimiter must separate the two segments.

Note: For multiple specification numbers and/or requisition numbers, this field must be left blank. For multiple item numbers, of a single specification or requisition number, the second segment must be left blank and the plus sign (+) delimiter must **not** appear in the bar code or human readable text.

4.3.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Lucent Technologies International Export Centers require the following information appear in this field:

- a) Lucent Technologies noun description of the item (available on the purchase order),
- b) the words "Date Shipped:" followed by the appropriate date (month, day, and year),
- c) and the Project Identification number.

The Lucent Technologies noun description, the "Date Shipped" information, and Project Identification number are to appear on separate lines in this field.

4.3.8 *Package Count, Field "C"*

Field "C" is the ***Package Count*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.3.9 *Package Weight, Field "D"*

Field "D" is the ***Package Weight*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.3.10 *Sample Label*

Figure 13 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See Lucent Technologies Standard 801-001-105 for details.

4.3.11 *Customer Profile Access Code*

The *Profile Access Code* for the *International Export Center Shipping Label Profile* is **A02**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and suppliers, to identify the profile.

4.3.12 *Acknowledgements*

The Global Bar Code Technologies group acknowledges the contributions of Erv Cook, Senior Operations Support Manager, International Distribution and Logistics Support. Erv supplied the requirements presented in the *International Export Center Shipping Label Profile* and provided approval and sign-off.

International Export Center Shipping Label Profile
Figure 13 - Sample Label

FR: Good Supplier Any Street Any Town, Any State Any Postal Code	TO: Korea Mobile Telecomm. SAM GU BLDG, 3-GF (KK658) 16-49 Hangang RO, YOUNG SAN KU Seoul, Korea
(3S) PKG ID:	0662742RB802195  3S0662742RB802195
(K) TRANS ID:	54422TE  K54422TE
(P) CUSTOMER PROD. ID:	405607565  P405607565
(7Q) QUANTITY:	12 EA  7Q12EA
(20P) SPECIAL:	004+5  20P004+5
KS -21652 L-7 Date Shipped: 10/22/96 KK658	
PACKAGE COUNT: 2 OF 4	PACKAGE WEIGHT: 24 LB

4.4 Factory (Columbus Works) Shipping label Profile Module

This module presents the Lucent Technologies Factory (Columbus Works) shipping label requirements for products sent from suppliers and Lucent Technologies entities to the Lucent Technologies Columbus Works.

Note: This profile should be used only when the Electronic Data Exchange (EDI) transmission from Columbus Works is an 862 (Shipping Schedule) Transaction Set. When the EDI transmission from Columbus Works is an 850 (Purchase Order) Transaction Set the *Generic Shipping Label Profile* should continue to be used until such time that an Lucent Technologies factory specified profile is developed and distributed as a separate module to this document.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105 , and in Figure 1 of this document:

- *ANSI MH 10.8.2 Data Identifier and corresponding Field Title*

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Lucent Technologies Columbus Works requirements. It provides no guidance about issues such

as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard 801-001-105.

4.4.1 *Ship From & Ship To, Fields "A" and "B"*

Fields "A" and "B" are the ***Ship From*** and ***Ship To*** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.4.2 *Supplier Package Identification, Field "E"*

Field "E" is the ***Supplier Package Identification*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code shall be the seven character supplier identification code, followed by the package identification code. The supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the supplier identification code and the package identification code in either the encoded information or in the human readable text.

4.4.3 *Transaction Identification, Field "F"*

Field "F" is the ***Transaction Identification*** field.

Data Identifier and Field Title: The data identifier and field title are ***(15K)*** and ***PULL SIGNAL NO.:*** respectively.

Encoded Information: The information encoded in the bar code is the ***Pull Signal (e.g. KANBAN) Number.*** This number is provided by Columbus Works in the EDI 862 (Shipping Schedule) Transaction Set.

4.4.4 *Customer Product Identification, Field "G"*

Field "G" is the ***Customer Product Identification*** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The Lucent Technologies product identification is provided by Columbus Works on the EDI 862 (Shipping Schedule) Transaction Set.

4.4.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title are *(7Q)* and *Quantity*.

Encoded Information: The information encoded in the bar code is the quantity of the product immediately followed by the two character abbreviation of the unit of measure, per the ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, FT) associated with the quantity. In the human readable text, the quantity and the two character abbreviation must be separated by a blank space.

4.4.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.4.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Lucent Technologies Columbus Works requires the following information appear in human readable text in this field:

- a) the Lucent Technologies noun description of the item,
- b) the Date Shipped,
- c) and the Factory Floor Location.

The Lucent Technologies noun description of the item, the Date Shipped and the Factory Floor Location shall appear on three separate lines in the field. The Factory Floor Location contains three segments separated by dashes. The last segment (2 or 3 characters) should be printed in a bold and distinctive font that is at least 0.4 inches high. This will assist material handling operations in the delivery of the package within the Lucent factory.

The Lucent Technologies noun description and the Factory Floor Location are provided by Columbus Works on the EDI 862 (Shipping Schedule) Transaction Set.

4.4.8 Package Count, Field "C"

Field "C" is the **Package Count** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.4.9 Package Weight, Field "D"

Field "D" is the **Package Weight** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.4.10 Sample Label

Figure 14 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

4.4.11 Customer Profile Access Code

The *Profile Access Code* for the *Lucent Technologies Factory (Columbus Works) Shipping Label Profile* is **A03**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies Columbus Works and suppliers to identify the profile.

Lucent Technologies Factory (Columbus Works) Shipping Label Profile

Figure 14 - Sample Label (Not to Scale)

FR: Good Supplier Inc. Any Street Any Town, Any State Any Postal Code	TO: Lucent Technologies 6200 E. Broad Street Building 1 Columbus, Ohio 43213
(3S) PKG ID: 012345612345678  3S012345612345678	
(15K) PULL SIGNAL NO: R123456  15KR123456	
(P) CUSTOMER PROD. ID: 405607565  P405607565	
(7Q) QUANTITY: 12 EA  7Q12EA	
KS 21652 L -7 Date Shipped: 05/22/97 WZ59DTS-307-	
J14	
PACKAGE COUNT: 2 OF 4	PACKAGE WEIGHT: 24 LB

4.5 Microelectronics Facility at Matamoris, Mexico Shipping Label Profile Module

This module documents the requirements for shipping labels on packages destined for the Lucent Technologies Microelectronics facility at Matamoris, Mexico that were shipped from locations other than those in Mexico.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105 , and in Figure 1 of this document:

- ANSI MH 10.8.2 Data Identifier and corresponding Field Title

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- Encoded Information and corresponding Human Readable Text

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements must be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Microelectronics' Matamoris facility requirements. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with Lucent Technologies Standard 801-001-105.

4.5.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the *Ship From* and *Ship To* fields.

Data Identifier and Field Title: Fields “A” and “B” are text only fields. Data Identifiers are not applicable and field titles are FR: and TO:.

Encoded Information: Same as the *Generic Profile*. In addition, most shipments to the Microelectronics’ Matamoris facility will be sent to a third party inventory warehouse located in Brownsville, Texas. The address is Solo Source, 5845 East 14th Street, Brownsville, Texas 78521. Shipments made to the Matamoris facility from locations within Mexico do not need to ship to the Brownsville facility and should ship directly to the Matamoris facility.

4.5.2 Supplier Package Identification, Field “E”

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: The information encoded in the bar code should be the seven character UCC supplier identification code, followed by the package identification code. The preferred supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the UCC supplier identification code and the package identification code in either the encoded information or in the human readable text. Every effort should be made to obtain and use the UCC supplier identification code as the first segment of the package identification field. However, when this is not possible then the alternative scheme described in Supplier Package Identification section 3.2.3.1 of the 801-001-105 standard is permitted on a temporary basis until a UCC supplier identification code is obtained.

4.5.3 Transaction Identification, Field “F”

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: The Data Identifier and field title are (**K**) and **TRANS ID:** respectively.

Encoded Information: The information encoded in the bar code is the Lucent Technologies purchase order number.

4.5.4 Customer Product Identification, Field “G”

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The customer product identification code is the Lucent Technologies product identification code (e.g., COMCODE, U.P.C., drawing number, etc.).

4.5.5 *Quantity, Field "H"*

Field "H" is the **Quantity** field.

Data Identifier and Field Title: The data identifier and field title are **(Q)** and **Quantity**.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code is the quantity of the product. In the human readable text, a space must separate the quantity of the product and the unit of measure abbreviation.

4.5.6 *Special, Field "I"*

Field "I" is the **Special** field.

Data Identifier and Field Title: The data identifier and field title are **(4L)** and **Special**.

Encoded Information: The information encoded in the bar code consists of two or three concatenated data field segments. The first segment is the ISO 3166 two character Country of Origin code preceded by the Data Identifier "4L". The second segment begins with a plus sign (+) delimiter followed by the Data Identifier "3D" and the Julian date in the format YDDD. When a lot number is applicable, a third segment may be included. The third segment shall also begin with a plus sign (+) delimiter followed by the Data Identifier "T" and from one to seven characters.

4.5.7 *Description, Field "J"*

Field "J" is the **Description** field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Serial numbers of the products contained within the package may be shown in this field. When there is not sufficient room to list all serial numbers, this information may be referenced elsewhere within the shipment or included on product package labels of individual packages contained within the shipping container.

4.5.8 *Package Count, Field "C"*

Field "C" is the **Package Count** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.5.9 Package Weight, Field "D"

Field "D" is the **Package Weight** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.5.10 Sample Label

Figure 15 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See Lucent Technologies Standard 801-001-105 for details.

4.5.11 Customer Profile Access Code

The *Profile Access Code* for the *Microelectronics Matamoris, Mexico Shipping Label Profile* is **A04**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies and suppliers, to identify the profile.

4.5.12 Acknowledgements

The Global Bar Code Technologies group acknowledges the contributions of Sandy Ward, Director, Materials Management at Microelectronics, Matamoris, Mexico and Shawn Payne, Solo Source, Brownsville, Texas.

Microelectronics Facility at Matamoris, Mexico Shipping Label Profile
Figure 15 - Sample Label (Not To Scale)

FR: Good Supplier Any Street Any Town, Any State Any Postal Code	TO: Solo Source 5845 East 14th Street Brownsville, Texas 78521
(3S) PKG ID:	0662742OH802195  3S0662742OH802195
(K) TRANS ID:	DJP341911  KDJP341911
(P) CUSTOMER PROD. ID:	847458353  P847458353
(Q) QUANTITY:	132 EA  Q132
() SPECIAL:	US+7053+005  4LUS+3D7053+T005
Power Supply 455H S/N 2009-5000	
PACKAGE COUNT: 2 OF 4	PACKAGE WEIGHT: 24 LB

4.6 Business Communications Systems Factories Shipping Label Profile Module

This module documents the Lucent Technologies shipping label requirements for packages of products sent from suppliers and Lucent Technologies entities to the Lucent Technologies Business Communications Systems (BCS) factories at Denver, Shreveport and Little Rock.

Note: This profile should be used only when the Electronic Data Exchange (EDI) transmission from BCS is an 862 (Shipping Schedule) Transaction Set. When the EDI transmission from BCS is an 850 (Purchase Order) Transaction Set the *Generic Shipping Label Profile* should continue to be used until such time that an Lucent Technologies factory specified profile is developed and distributed as a separate module to this document.

The profile specifies the following information for each of the Fields, "A" through "J", of the "vertical" format shown in Figure 1 of the Lucent Technologies Standard 801-001-105 , and in Figure 1 of this document:

- *ANSI MH 10.8.2 Data Identifier and corresponding Field Title*

This is the *ANSI MH 10.8.2 Data Identifier* required in a data field with a Code 39 bar code symbol, and the corresponding data field title. Both are to appear as human readable text in the upper left hand corner of the field. When a bar code symbol is not required in a field, and thus a *Data Identifier* is also not required, a field title may, or may not, be specified.

- *Encoded Information and corresponding Human Readable Text*

This is the information or data required to be encoded in the bar code. It must be understood that the *Data Identifier* specified above is also required to be encoded in the bar code, without the parentheses, per Lucent Technologies Standard 801-001-105.

The information encoded in the bar code is also required to appear in the field as human readable text. The human readable text should **not** include the *Data Identifier*. If the human readable text is required to differ in any way from what is encoded in the bar code, the differences are specified.

If a bar code is not required in the field, other customer requirements about how to use the field are specified.

This profile references the *Generic Shipping Label Profile* presented in the document. Therefore, the requirements should be addressed in conjunction with the *Generic Profile*.

This profile is limited strictly to information about how the fields on the label need to be populated to satisfy Lucent Technologies BCS requirements for the factories commonly known as Denport. It provides no guidance about issues such as label format dimensions or bar code density and sizes. Therefore, the profile is designed to be used in conjunction with the Lucent Technologies Standard

801-001-105.

4.6.1 Ship From & Ship To, Fields "A" and "B"

Fields "A" and "B" are the **Ship From** and **Ship To** fields.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.6.2 Supplier Package Identification, Field "E"

Field "E" is the **Supplier Package Identification** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code shall be the seven character supplier identification code, followed by the package identification code. The supplier identification code consists of the unique six digit number assigned by the Uniform Code Council, Inc., preceded by a zero "0". A plus sign delimiter (+) shall **not** be used between the supplier identification code and the package identification code in either the encoded information or in the human readable text.

4.6.3 Transaction Identification, Field "F"

Field "F" is the **Transaction Identification** field.

Data Identifier and Field Title: The data identifier and field title are **(K)** and **TRANS ID:** respectively.

Encoded Information: Same as the *Generic Profile*. The information encoded in the bar code is the BCS purchase order number. This number is provided by BCS factories in the EDI 862 (Shipping Schedule) Transaction Set.

4.6.4 Customer Product Identification, Field "G"

Field "G" is the **Customer Product Identification** field

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*. The Lucent Technologies product identification

is provided by BCS factories on the EDI 862 (Shipping Schedule) Transaction Set and is usually the nine digit Comcode number.

4.6.5 *Quantity, Field "H"*

Field "H" is the *Quantity* field.

Data Identifier and Field Title: The data identifier and field title are *(7Q)* and *Quantity*.

Encoded Information: The information encoded in the bar code is the quantity of the product immediately followed by the two character abbreviation of the unit of measure, per the ANSI X12.3 Data Element Number 355 Unit of Measure Code (e.g., EA, FT) associated with the quantity. In the human readable text, the quantity and the two character abbreviation must be separated by a blank space.

4.6.6 *Special, Field "I"*

Field "I" is the *Special* field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.6.7 *Description, Field "J"*

Field "J" is the *Description* field.

Data Identifier and Field Title: A data identifier and a field title are not applicable.

Encoded Information: Lucent Technologies BCS factories requires the following information appear in human readable text in this field:

- a) the Lucent Technologies noun description of the item,
- b) the Date Shipped,
- c) and the Two-Bin Location Identifier.

The Lucent Technologies noun description of the item, the Date Shipped and the Two-Bin Location Identifier shall appear on three (3) separate lines in the field. The Two-Bin Location Identifier contains two segments separated by dashes. The last segment, called the Drop Zone Location, consists of four (4) characters and should be printed in a bold and distinctive font that is at least 0.4 inches high. This Drop Zone Location should be printed in the lower right hand location of the *Description* field (Field

J). This will assist material handling operations in the delivery of the package within the Lucent factory.

The Lucent Technologies noun description and the Two-Bin Location Identification are provided by BCS factories within the EDI 862 (Shipping Schedule) Transaction Set.

4.6.8 *Package Count, Field "C"*

Field "C" is the ***Package Count*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.6.9 *Package Weight, Field "D"*

Field "D" is the ***Package Weight*** field.

Data Identifier and Field Title: Same as the *Generic Profile*.

Encoded Information: Same as the *Generic Profile*.

4.6.10 *Sample Label*

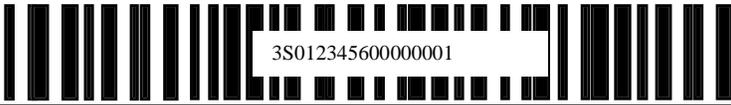
Figure 16 that follows is a copy of a sample label showing the correct data specified above. While the label shown is 4 inches wide, the width of the label may be up to 5 inches to accommodate character length. See the Lucent Technologies Standard 801-001-105 for details.

4.6.11 *Customer Profile Access Code*

The *Profile Access Code* for the *Lucent Technologies BCS Factories (Denver, Shreveport & Little Rock) Shipping Label Profile* is **A05**. The code is provided as a suggested means, within Lucent Technologies or between Lucent Technologies BCS and suppliers to identify the profile.

***Lucent Technologies Business Communications Systems (BCS) Factories
(Denver, Shreveport, Little Rock) Shipping Label Profile***

Figure 16 - Sample Label (Not to Scale)

FR: Good Supplier Inc. Any Street Any Town, Any State Any Postal Code	TO: Lucent Technologies 1200 West 120th Avenue Westminster, CO 80234
(3S) PKG ID:	012345600000001
 3S012345600000001	
(K) TRANS ID:	DRPUL539
 KDRPUL539	
(P) CUSTOMER PROD. ID:	405443631
 P405443631	
(7Q) QUANTITY:	100 PC
 7Q100PC	
Plastic Housing Date Shipped: 12/20/97 2BINBDO4 -	
N18A	
PACKAGE COUNT: 1 OF 1	PACKAGE WEIGHT: 5 LB

5. REFERENCES

ANSI/MH10.8.2 Data Application Identifier Standard -

available from the American National Standards Institute (ANSI) 11 West 42nd Street, New York, New York 10036, Telephone: (212) 642-4900.

801-001-105 Shipping and Receiving Bar Code Label Standard -

available from the lucent Technologies Customer Information Center (CIC), Telephone:1-888-LUCENT8.