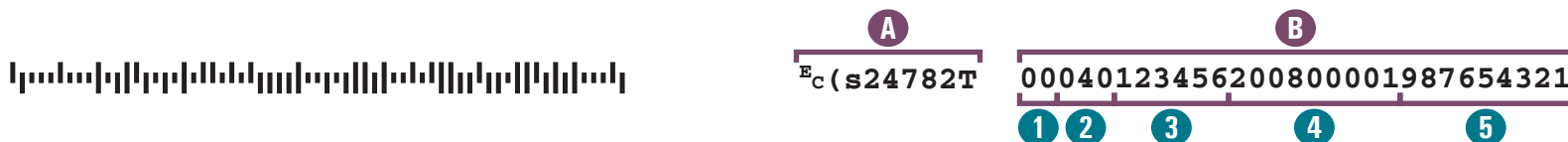


Intelligent Mail®

Printing Guide

The United States Postal Service Intelligent Mail (formerly 4-State Customer) bar code is a height-modulated bar code that encodes up to 31-digits of mailpiece data into 65 vertical bars using 4-state symbology (ascender, descender, tracker and full bar).

Example



ESC ASCII Escape (ESC) code. Decimal 27. Hex 1B. Marks the start of a command sequence to distinguish it from printable text.

A Intelligent Mail symbology selection command. The ESC code and subsequent 8 characters must be sent exactly as shown.

B Intelligent Mail barcode data. Follows immediately after selection command without spaces, line feeds, carriage returns, or any other data. 20, 25, 29 or 31 numeric digits depending upon the length of the data contained in the Routing Code field.

- 1** Barcode ID. Required. Exactly 2 numeric digits. Refer to United States Postal Service documentation for valid Barcode IDs.
- 2** Service Type ID. Required. Exactly 3 numeric digits. Refer to United States Postal Service documentation for valid Service Type IDs.
- 3** Mailer ID (MID). Required. 6 or 9 numeric digits depending upon the ID assigned to the mailing agent. All 9 digit mailer IDs begin with the digit "9". All 6 digit mailer IDs begin with "0" through "8". Contact the United States Postal Service for information on being assigned a Mailer ID.
- 4** Serial Number. Required. 9 or 6 numeric digits depending upon the size of the Mailer ID. If the Mailer ID is 6 digits, then this field must be 9 digits. If the Mailer ID is 9 digits, then this field must be 6 digits. The combined length of the Mailer ID and Serial Number fields must always be 15 digits.
- 5** Routing Code. Optional. 0, 5, 9 or 11 numeric digits. 5 digits if Routing Code is 5-digit ZIP code. 9 digits if Routing Code is 9-digit ZIP+4 code. 11 digits if Routing Code is 11-digit delivery point code.

A PCL5 command must immediately follow the Intelligent Mail bar code data to indicate to the BarCodeJet the end of the bar code data. This allows the BarCodeJet to properly determine the length of the Routing Code field.

Standard PCL5 typeface selection, symbol set selection, and positioning commands must follow the bar code data in order to resume normal text printing. Refer to the introductory sections of the BarCodeJet Printing Guide for more information and instructions common to all bar codes.

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