

## AET Badge Encoding – Mag and 2D

The Mag Stripe and the 2D encoding must have the same number of field delimiters (21).

### Mag Stripe Specification

Track No	Max Characters	Characters allowed	Density	Data Format	Field Delimiter	Fields
1	79	Space \$ ( ) - . / 0 through 9 A through Z (All caps)	210 BPI	7 Bits (6 data, 1 parity)	^	Fname Empty Lname Title Company Address1
2	37	0 through 9	75 BPI	5 Bits (4 data, 1 parity)	=	Phone (numeric only) Fax (numeric only) ID (numeric only)
3	79	Space \$ ( ) - . / 0 through 9 A through Z (All caps)	210 BPI	7 Bits (6 data, 1 parity)	^	Address2 City Empty State Empty Zip Country Email

Example:

Track 1: FIRST NAME^LAST NAME^TITLE^COMPANY^ADDRESS 1^  
 Track 2: 1111111111=2222222222=1000=  
 Track 3: ADDRESS 2^CITY^STATE^ZIP^COUNTRY^EMAIL^

## 2D Specifications

### Fields name and order

Fname  
Space  
Lname  
Title  
Company  
Address1  
Phone  
Fax  
ID (numeric only)  
Address2  
City  
Space  
State  
Space  
Zip  
Country  
Email

Start Sequence: ASCII character 02 (3 times).

Field Delimiter: ASCII character 03.

End Sequence: ASCII character 26.