

## Valid Information Elements for I FLD and D FLD Action Tokens

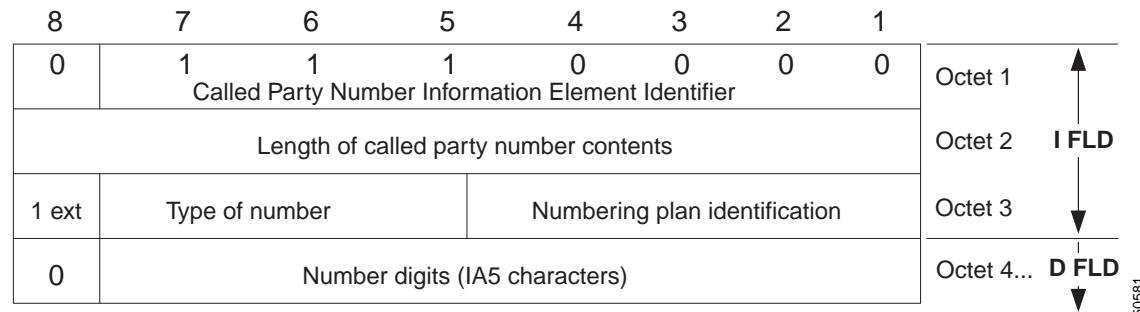
Integrated Services Digital Network (ISDN) information elements (IEs) are made up of the following parts:

- Header (or intermediate) information
- Additional information, or data

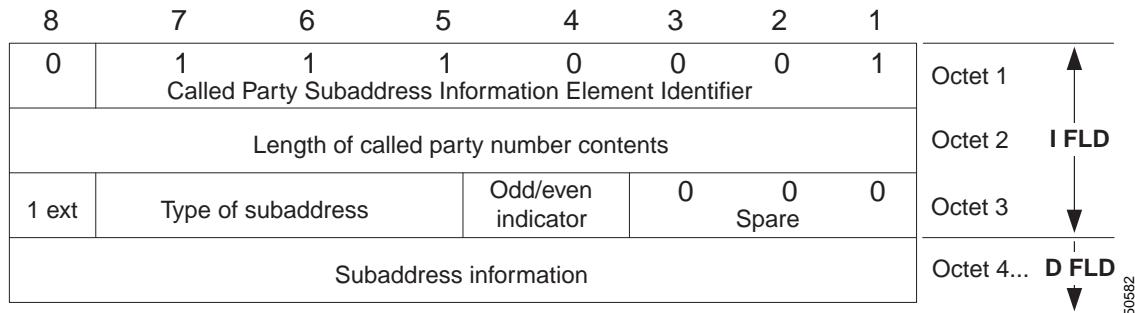
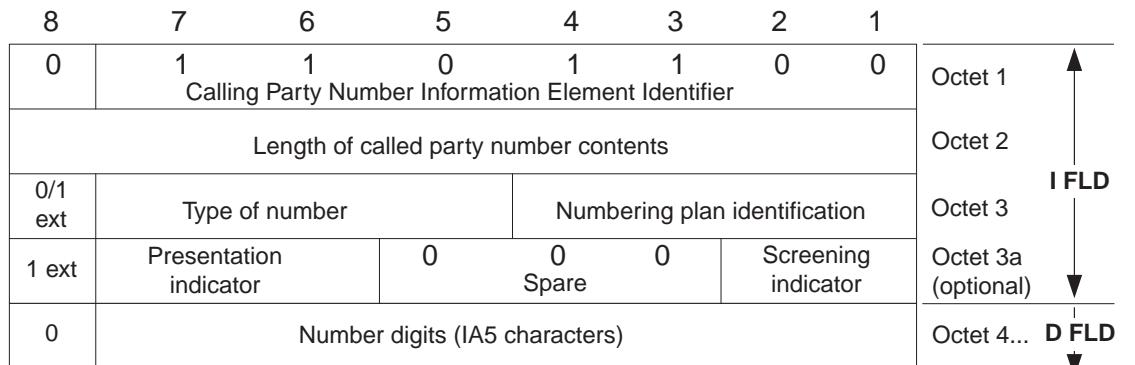
ISDN message templates use I FLD and D FLD action tokens to specify which portion of a received IE to store in a digit field. This stored information can later be used to construct an IE for transmission over the D-channel. Refer to Chapter 2, “System Administration Support,” for the rules on IE construction.

Figure A-1 to Figure A-6 shows the structure of each IE that can be used in conjunction with the I FLD and D FLD action tokens. Each figure identifies which portion of the IE would be stored using the two tokens. The IE structures have been taken from the International Telecommunications Union guidelines documented in *ITU-T Q.931*.

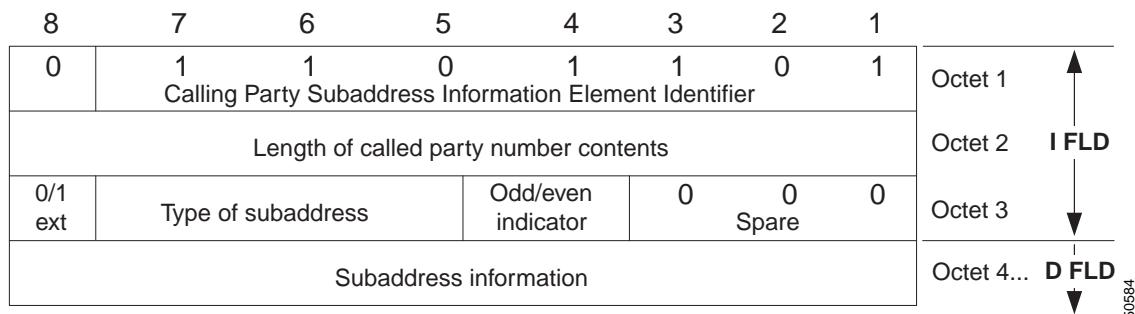
**Figure A-1 Called Party Number Information Element**



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**Figure A-2 Called Party Subaddress Information Element****Figure A-3 Calling Party Number Information Element**

Note: Octet 3a is optional, per AT&T TR41449.

**Figure A-4 Calling Party Subaddress Information Element**

**Figure A-5 User-User Information Element**

8	7	6	5	4	3	2	1
0	1	1	1	1	1	1	0
User-User Information Element Identifier							
Length of user-user contents							
Protocol discriminator							
User information							

Octet 1 ↑  
Octet 2 | **I FLD** ↓  
Octet 3 ↓  
Octet 4... | **D FLD** ↓  
50585

**Figure A-6 Redirecting Number Information Element**

8	7	6	5	4	3	2	1		
0	1	1	1	0	1	0	0		
Redirecting Number Information Element Identifier									
Length of redirecting number contents									
0/1 ext	Type of number			Numbering plan identification					
0/1 ext	Presentation indicator	0	0	0	Screening indicator				
1 ext	0	0	0	Reason for redirection					
0	Number digits (IA5 characters)								

Octet 1 ↑  
Octet 2  
Octet 3 | **I FLD** ↓  
Octet 3a (optional)  
Octet 3b (optional) ↓  
Octet 4... | **D FLD** ↓  
50586

Note: Octet 3a and octet 3b are optional, per AT&T TR41449.

