



ATIS-1000610.a.1998(R2013)

**Generic Procedures for the Control of ISDN Supplementary
Services, Modifications to the Redirecting Number
Information Element**



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American National Standard

for Telecommunications –

Generic Procedures for the Control of ISDN Supplementary Services, Modification to the Redirecting Number Information Element

Approved December 22, 1998

Secretariat: Alliance for Telecommunications Industry Solutions (ATIS)

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1 Introduction

This supplement to *American National Standard for Telecommunications - Generic Procedures for the Control of ISDN Supplementary Services*, ANSI T1.610-1998, revises the standard to improve and clarify the standard based on related advances in other standards bodies.

2 Changes to Existing Text

The changes made to the existing ANSI T1.610-1990 are indicated below.

1. *In clause 2, replace the reference to ANSI T1.607-1990 and ANSI T1.607a-1996 with the following:*
ANSI T1.607-1998, *Telecommunications - Integrated Services Digital Network (ISDN) - Layer 3 Signaling Specification for Circuit Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1)*

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2. In clause 3, replace figure 8-12 with the following:

8	7	6	5	4	3	2	1	Octets	
0	1	1	1	0	1	0	Redirecting number Information element identifier		
Length of redirecting number contents								1	
Length of redirecting number contents								2	
0/1 ext.	Type of number			Number plan identification				3	
0/1 ext.	Presentation indicator	0	0	0	Spare			Screening indicator	3a
0/1 ext.	Coding standard for Reason for redirection		0 Spare	Reason for redirection				3b	
0	Number digits (ASCII characters)							4 etc.	

Figure 8-12 - Redirecting number information element

3. In clause 3, replace table 8-19 with the following two tables 18-19a and 18-19b:

Table 8-19a - Coding standard for Reason for Redirection

Bits 7 6	Meaning
0 0	CCITT standardized coding (Note 1)
0 1	ISO/IEC standard (Note 2)
1 0	National standard (Note 2)
1 1	Standard defined for the network (either public or private) at the network side of the interface (Note 2)
All other values are reserved	
Note 1 - This is the default coding for the field "Coding standard for Reason for redirection". Note 2 - This coding standard may be used when the desired "Reason for redirection" coding cannot be represented with a CCITT standardized coding.	

Table 8-19b - Reason for Redirection codepoints

Bits 4 3 2 1	Meaning
0 0 0 0	Unknown
0 0 0 1	call forwarding busy or called DTE busy (circuit-mode and packet-mode)
0 0 1 0	call forwarding no reply (circuit-mode only)
1 1 1 1	call forwarding unconditional or systematic call redirection (circuit-mode and packet-mode)
1 1 1 1	call deflection or call forwarding by the called DTE (circuit-mode and packet-mode)
All other values are reserved	