



ATIS-1000008.2008

ANSI EXTENSIONS TO THE
NARROWBAND SIGNALING SYNTAX (NSS) – SYNTAX DEFINITION

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ATIS-1000008.2006, *ANSI Extension to the Narrowband Signaling Syntax (NSS) – Syntax Definition*

Is an American National Standard developed by the **Signalling, Architecture, and Control (SAC)** Subcommittee under the **ATIS Packet Technologies and Systems Committee (PTSC)**.

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ANSI Extensions to the Narrowband Signaling Syntax (NSS) – Syntax Definition

Secretariat

Alliance for Telecommunications Industry Solutions

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American National Standards Institute, Inc.

Abstract

This Standard describes ANSI parameter, field, and field value extensions to the Q.1980.1, *Narrowband Signalling Syntax (NSS) – Syntax Definition*, to provide a normalized set of telephony parameters. NSS enables mapping from multiple telephony protocols in use today into a common parameter set.

FOREWORD

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TABLE OF CONTENTS

FOREWORD II

TABLE OF CONTENTSIV

TABLE OF FIGURES V

TABLE OF TABLES V

1 SCOPE AND APPLICATION..... 1

 1.1 SCOPE..... 1

 1.2 APPLICATION 1

2 NORMATIVE REFERENCES 1

3 DEFINITIONS, ACRONYMS, & ABBREVIATIONS 2

 3.1 DEFINITIONS 2

 3.2 ACRONYMS & ABBREVIATIONS 2

4 MESSAGE AND PARAMETER SYNTAX OVERVIEW FOR ANSI EXTENSIONS 3

5 MESSAGE DEFINITIONS FOR ANSI EXTENSIONS 3

 5.1 UNSUPPORTED MESSAGES 3

 5.2 NSS MESSAGE IDENTIFIER CODES FOR ANSI EXTENSIONS 4

6 PARAMETER DEFINITIONS FOR ANSI EXTENSIONS 4

 6.1 UNSUPPORTED PARAMETER DISPOSITION 4

 6.2 NSS PARAMETER CODES FOR NEW PARAMETER ANSI EXTENSIONS 4

 6.3 DETAILED PARAMETER DESCRIPTIONS FOR NEW PARAMETER ANSI EXTENSIONS 5

 6.3.1 *Business Group (BSG)*..... 5

 6.3.2 *Carrier Identification (CID)*..... 6

 6.3.3 *Carrier Service Provider Information (CSP)*..... 7

 6.3.4 *Charge Number (CHN)* 7

 6.3.5 *Egress (EGR)*..... 8

 6.3.6 *Generic Name (GEN)* 8

 6.3.7 *Jurisdiction (JUR)*..... 9

 6.3.8 *Local Service Provider Information (LSP)*..... 9

 6.3.9 *Network Transport (NET)*..... 10

 6.3.10 *Operator Services Information (OSI)* 10

 6.3.11 *Originating Line Information (OLI)* 12

 6.3.12 *Outgoing Trunk Group Number (OTN)* 13

 6.3.13 *Special Processing Request (SPR)* 13

 6.3.14 *Transaction Request (TRQ)* 13

 6.4 DETAILED PARAMETER DESCRIPTION FOR NEW FIELD AND FIELD VALUE ANSI EXTENSIONS 14

 6.4.1 *Automatic Congestion Level (ACL) ANSI Field Value Extension*..... 14

 6.4.2 *Backward Call Indicators (BCI) ANSI Field Value Extension* 14

 6.4.3 *Call Transfer Number (CTN) ANSI Field Value Extensions*..... 14

 6.4.4 *Called Directory Number (CDN) ANSI Field Value Extensions* 15

 6.4.5 *Called IN Number (CIN) ANSI Field Value Extensions* 15

 6.4.6 *Called Party Number (CPN) ANSI Field Value Extensions*..... 15

 6.4.7 *Calling Party Number (CGN) ANSI Field Value Extensions*..... 16

 6.4.8 *Calling Party's Category (CPC) ANSI Field Value Extension*..... 16

 6.4.9 *Case Indicators (CAI) ANSI Field Value Extensions*..... 16

 6.4.10 *Connected Number (CNN) ANSI Field Value Extensions*..... 17

 6.4.11 *Event Information Indicators (EVI) ANSI Field Value Extension*..... 17

 6.4.12 *Forward GVNS (FVN) ANSI Field Value Extensions* 17

 6.4.13 *Generic Number/Address (GEA) ANSI Field Value Extension*..... 17

 6.4.14 *Generic Digits (GED) ANSI Field Value Extension* 18

 6.4.15 *Generic Notification Indication (GNO) ANSI Field Value Extension*..... 18

 6.4.16 *Hard To Reach (HTR) ANSI Field Value Extensions*..... 18

 6.4.17 *Information Indicators (INI) ANSI Field Value Extension*..... 18

 6.4.18 *Information Request Indicators (IRI) ANSI Field Value Extension* 18

 6.4.19 *Location Number (LON) ANSI Field Value Extensions*..... 19

 6.4.20 *Nature Of Connection Indicator (NOC) ANSI Field and Value Extensions*..... 19

6.4.21	Network Routing Number (NRN) ANSI Field Value Extension.....	19
6.4.22	Number Portability Forward Information (NPF) ANSI Field Extension.....	19
6.4.23	Optional Backward Call Indicators (OBI) ANSI Field Extensions.....	20
6.4.24	Original Called IN Number (OCI) ANSI Field Value Extensions.....	20
6.4.25	Original Called Number (OCN) ANSI Field Value Extensions.....	20
6.4.26	Protocol Name (PRN) ANSI Field Value Extension.....	20
6.4.27	Redirecting Number (RGN) ANSI Field Value Extensions.....	21
6.4.28	Redirection Number (RNN) ANSI Field Value Extensions.....	21
6.4.29	Service Activation (SEA) ANSI Field Value Extension.....	21
6.4.30	Transit Network Selection (TNS) ANSI Field and Value Extensions.....	21
7	SECURITY CONSIDERATIONS.....	22
8	NSS SPECIFIC SYNTACTICAL ELEMENTS AND PROCEDURES.....	23
A	NARROWBAND SIGNALLING SYNTAX ABNF GRAMMAR.....	24
	PART 1. GENERAL FORMAT OF NSS PARAMETERS.....	24
	PART 2. DETAIL FORMATS OF INDIVIDUAL NSS PARAMETERS.....	24
B	NSS VERBOSE ENCODING.....	27
	B.1 GENERAL FORMAT OF NSS VERBOSE DESCRIPTION ABNF.....	27

TABLE OF FIGURES

FIGURE 1 – SCOPE OF THIS STANDARD.....	1
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TABLE OF TABLES

TABLE 1 - ANSI EXTENSIONS TO NSS MESSAGE IDENTIFIER CODES.....	4
TABLE 2 - ANSI EXTENSIONS TO NSS PARAMETER IDENTIFIER CODES.....	4
TABLE 3 - ANSI NSS PARAMETER IDENTIFIERS BY CODE ORDER.....	5

American National Standard for Telecommunications –

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1 SCOPE AND APPLICATION

1.1 Scope

This standard specifies extensions to ITU-T Recommendation Q.1980.1, *Narrowband Signaling Syntax (NSS) – Syntax Definition*, which specifies a flexible encoding syntax of narrowband signaling information to be transferred in protocols that cannot inherently transfer such information. These extensions enable the transfer of ANSI-based narrowband signaling information by the native protocol.

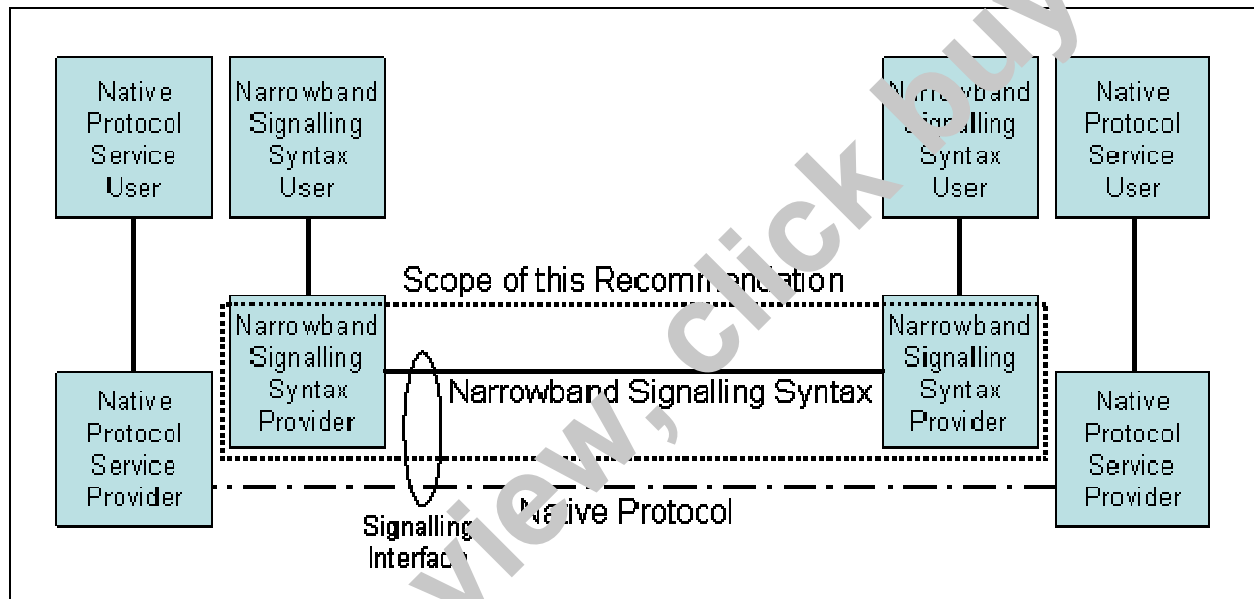


Figure 1 – Scope of this Standard

1.2 Application

NSS may be used to augment SIP and H.323 signaling with one or more selected values corresponding to ISUP/BICC parameters or information elements, while minimizing redundancy between SIP/H.323 and ISUP/BICC. Compatibility mechanisms also enable the identification and inclusion of operator, vendor, or country variant data.

2 NORMATIVE REFERENCES

The following standards and ITU-T Recommendations contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All documents are subject to revision, and parties to agreements based