

**Access and Terminals (AT);
Short Message Service (SMS) for PSTN/ISDN/IP access;
Overview of SMS for the User Based Solution, the Network
Based Solution and the IP Based Solution**



Reference

RTS/AT-030043

Keywords

generic, ISDN, point-to-point, PSTN, SMS

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Access and Terminals (AT).

Introduction

SMS for fixed networks (PSTN/ISDN) can be provided in two ways, as a Network Based Solution (NBS) and/or as a User Based Solution (UBS).

For the NBS and UBS solutions there are a number of documents available. The documents are divided in three groups:

- documents related to the NBS;
- documents related to the UBS;
- documents relevant for both (NBS and UBS).

1 Scope

The present document gives an overview of the set of documents being relevant for the support of the Fixed Network Short Message Service in PSTN and ISDN using the so called "User Based Solution" and/or "Network Based Solution".

NOTE: Whenever a new part will be created, the present document shall be updated.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
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Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

- [1] ETSI ES 201 986: "Services and Protocols for Advanced Networks (SPAN); Short Message Service (SMS) for PSTN/ISDN; Service description".
- [2] ETSI ES 202 060-1: "Short Message Service (SMS) for fixed networks; Network Based Solution (NBS); Part 1: Overview".
- [3] ETSI TS 102 337: "Access and Terminals (AT); Short Message Service (SMS) for PSTN/ISDN; Short Message Communication between a fixed network Short Message Terminal Equipment and a Short Message Service Centre: Overview of SMS for the User Based Solution".
- [4] ETSI TR 102 341: "Access and Terminals (AT); Short Message Service (SMS) for PSTN/ISDN; Control Strings (service codes) for SMS functions and SMS supplementary services".

3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ISDN	Integrated Services Digital Network
NBS	Network Based Solution
PSTN	Public Switched Telephone Network
SMS	Short Message Service
UBS	User Based Solution

4 Overview of the UBS and NBS solutions

4.1 General

The following two clauses describe the set of documents available for the NBS and UBS solutions.

Figure 1 describes the structure of the set of documents for NBS and UBS solutions.

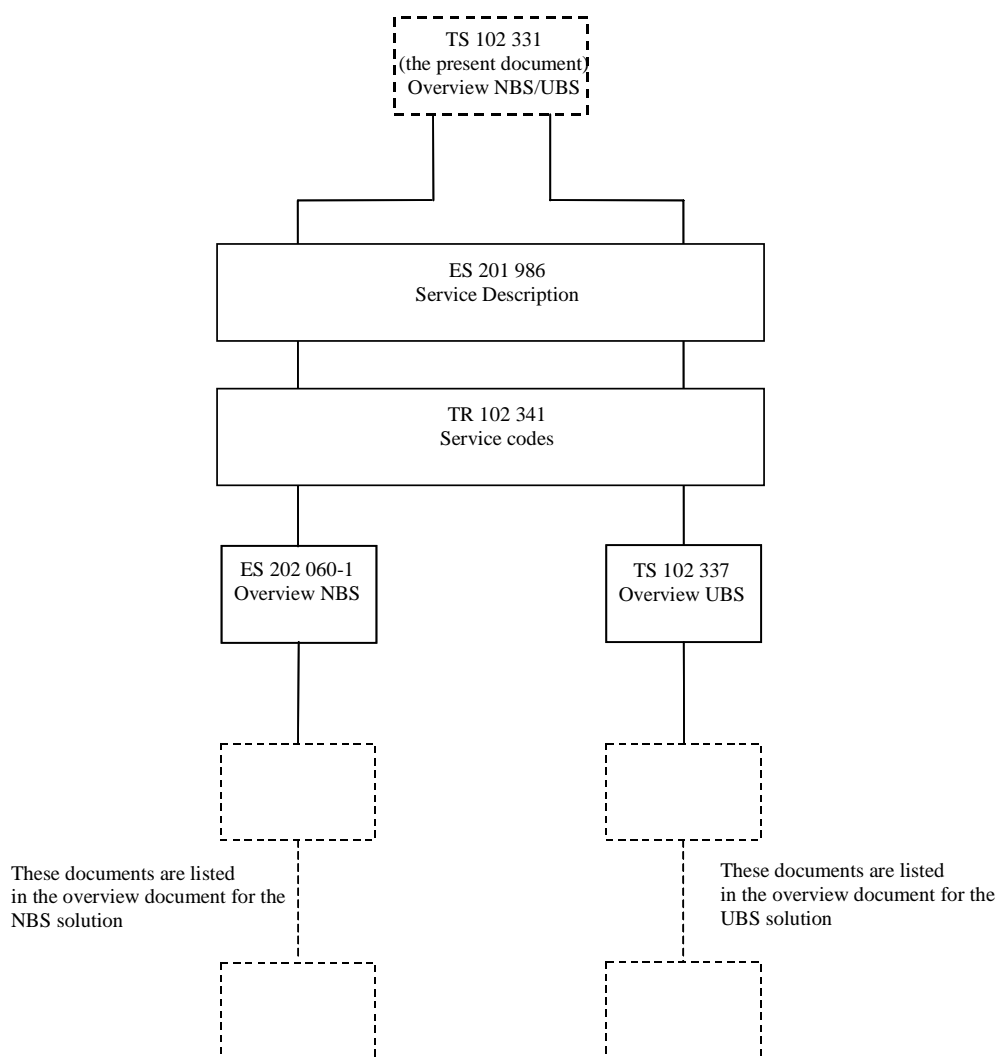


Figure 1: Structure of the set of documents for NBS and UBS solutions

4.2 NBS

To implement the NBS solution the following documents apply:

- ES 201 986 [1];
- ES 202 060-1 [2];
- TR 102 341 [4].

4.3 UBS

To implement the UBS solution the following documents apply:

- ES 201 986 [1];
- TS 102 337 [3];
- TR 102 341 [4].

History

Document history		
V1.1.1	May 2004	Publication
V1.2.1	January 2006	Publication