

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



Reference

RTS/AT-030047

Keywords

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

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2006.
All rights reserved.

DECTTM, **PLUGTESTS**TM and **UMTS**TM are Trade Marks of ETSI registered for the benefit of its Members.
TIPHONTM and the **TIPHON logo** are Trade Marks currently being registered by ETSI for the benefit of its Members.
3GPPTM is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

Contents

Intellectual Property Rights	4
Foreword.....	4
Introduction	4
1 Scope	5
2 References	5
3 Abbreviations	5
4 Overview of the UBS and NBS solutions	5
4.1 General	5
4.2 NBS	6
4.3 UBS	6
History	7

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://webapp.etsi.org/IPR/home.asp>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

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.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

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.

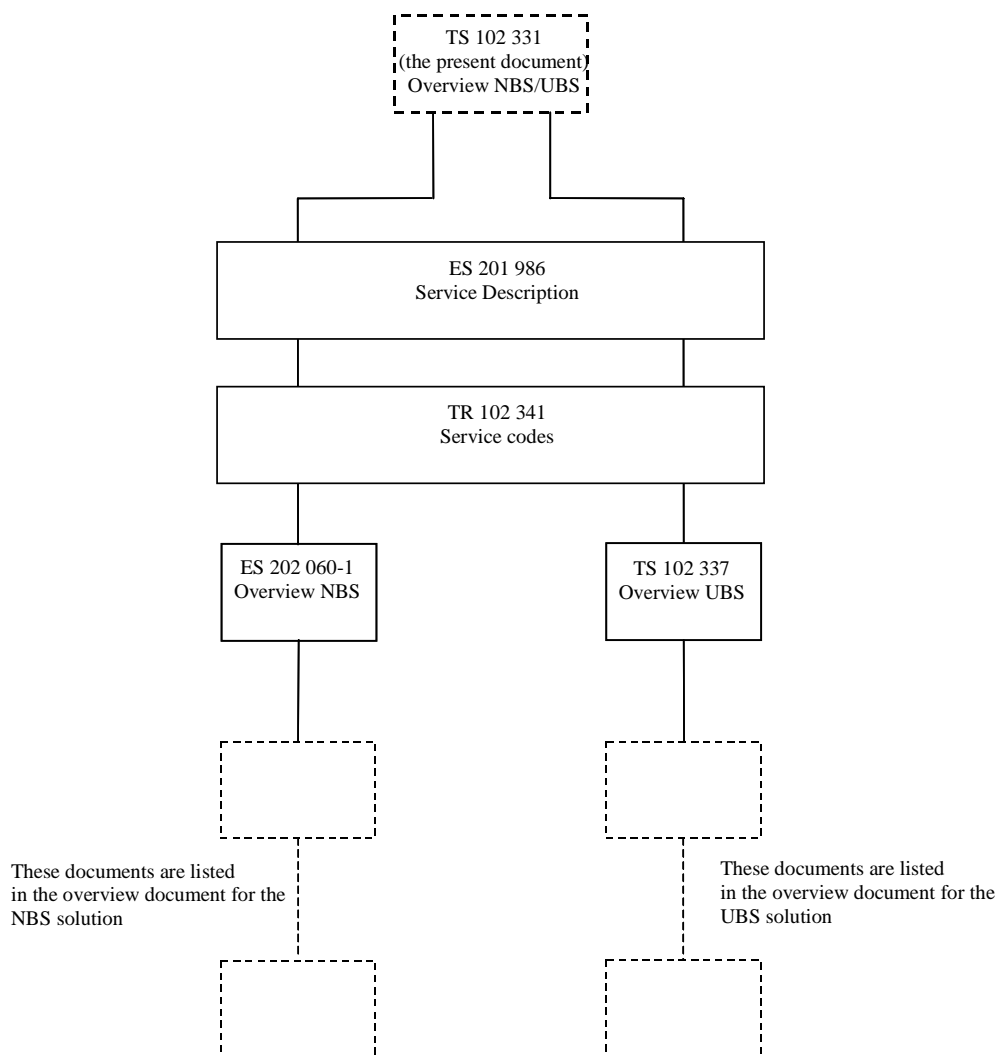


Figure 1: Structure of the set of documents for NBS and UBS solutions

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
V1.2.2	January 2006	Publication