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Technical Specification

**Access and Terminals (AT);
Fixed network Multimedia Messaging Service (F-MMS);
PSTN/ISDN;
Part 1: Overview**



Reference

DTS/AT-030029

Keywords

MMS, SMS, PSTN, ISDN

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Contents

Intellectual Property Rights	4
Foreword.....	4
Introduction	4
1 Scope	5
2 References	5
3 Abbreviations	5
4 Structure of the multi-part deliverable	6
Annex A (informative): Bibliography.....	7
History	8

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Foreword

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

The present document is part 1 of a multi-part deliverable covering the Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN, as identified below:

TS 102 314-1: "Overview";

ES 202 314-2: "Service description";

TS 102 314-3: "Network architecture and interconnection";

ES 202 314-4: "Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre";

ES 202 314-5: "Digital Subscriber Signalling System No. one (DSS1) protocol, Signalling System No.7 (SS7) - ISDN User Part (ISUP), and Interworking between DSS1 and ISUP";

TR 102 314-6: "Control strings (service codes) for MMS functions and MMS supplementary services".

NOTE: The parts above refer to the active work items and published standards within ETSI. These work items do not include MMS over NGN.

Introduction

The Multimedia Messaging Service (MMS) for the fixed network allows users to send and receive messages exploiting the whole array of media types available today e.g. text, images, audio, video, etc., while also making it possible to support new content types as they become popular.

The MMS is a service that shall make it possible to offer seamless MMS over different networks (PSTN, ISDN and PLMN).

For the MMS there are a number of documents available.

1 Scope

The present document gives an overview of the set of documents being relevant for the support of the Fixed Network Multimedia Messaging Service in PSTN and ISDN.

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 202 314-2: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 2: Service description".
- [2] ETSI ES 202 314-4: "Access and Terminals (AT); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 4: Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre".
- [3] ETSI ES 202 314-5: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 5: Digital Subscriber Signalling System No. One (DSS1) protocol, Signalling System No. 7 (SS7) - ISDN User Part (ISUP), and interworking between DSS1 and ISUP".

3 Abbreviations

For the purposes of the present document, the following terms and definitions apply:

DSS1	Digital Subscriber Signalling No 1
ISDN	Integrated Services Digital Network
ISUP	ISDN User Part
MMS	Multimedia Messaging Service
PLMN	Public Land Mobile Network
PSTN	Public Switched Telephone Network
SMS	Short Message Service

4 Structure of the multi-part deliverable

Figure 1 shows the structure of the specific documents for MMS in fixed networks (PSTN/ISDN).

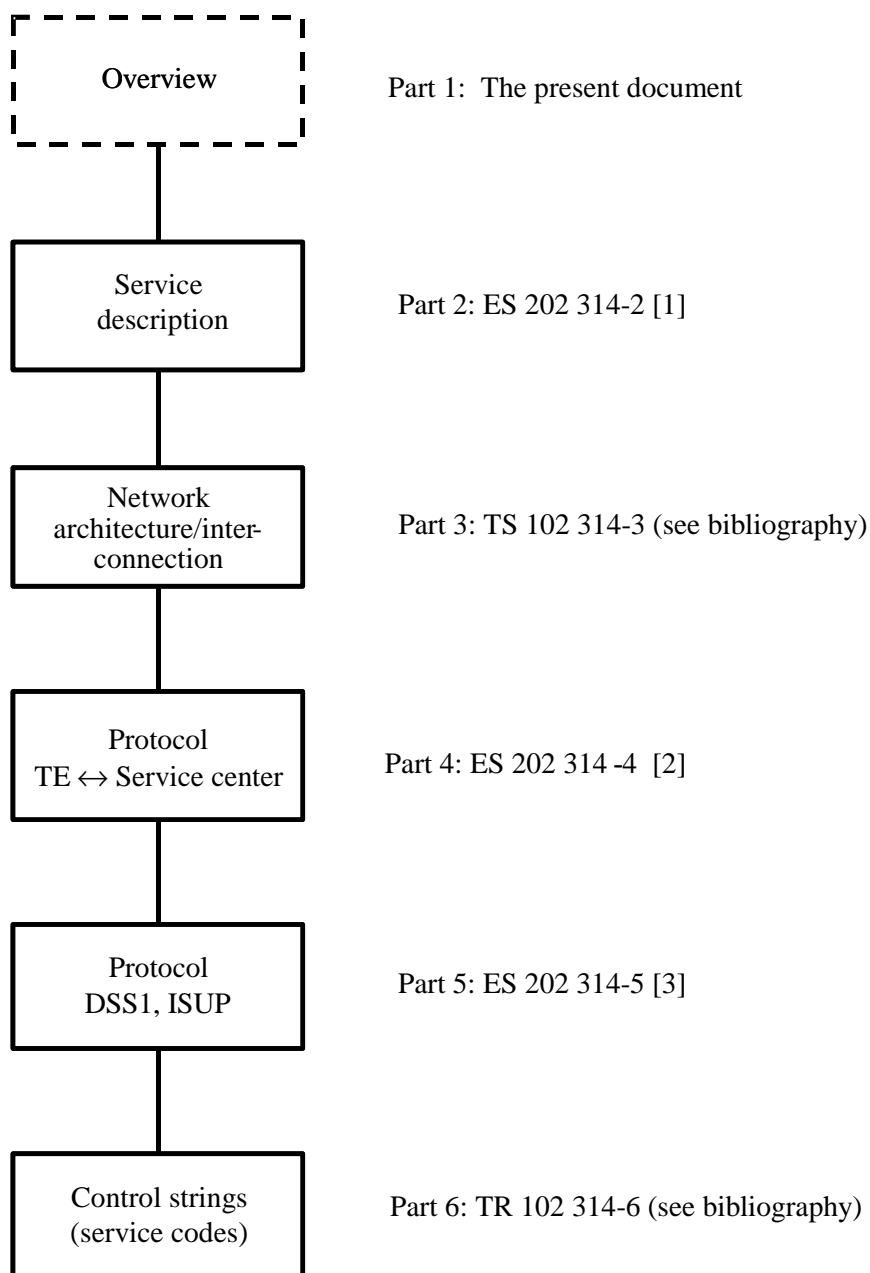


Figure 1

Annex A (informative): Bibliography

- ETSI TS 102 314-3: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Message Service (F-MMS); PSTN/ISDN; Part 3: Network architecture and interconnection".
- ETSI TR 102 314-6: "Access and Terminals (AT); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 6: Control strings (service codes) for MMS functions and MMS supplementary services".

History

Document history		
V1.1.1	May 2004	Publication