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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Telecommunications and Internet converged Services and
Protocols for Advanced Networks (TISPAN);
Support of Short Message Service (SMS) over NGN IMS subsystem;
Stage 2;
[Endorsement of 3GPP TS 23.204 Release 7]
(3GPP TS 23.521 version 8.0.0 Release 8)**



Reference

DTS/TSGS-0223521v800

Keywords

GSM, UMTS

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Foreword

This Technical Specification (TS) has been produced by ETSI 3rd Generation Partnership Project (3GPP).

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under <http://webapp.etsi.org/key/queryform.asp>.

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Foreword

This Technical Specification (TS) was produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) under work item DTS/TISPAN-02038-NGN-R2 and originally intended to be published as ETSI TS 182 021. It was transferred to the 3rd Generation Partnership Project (3GPP) in December 2007.

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document provides the ETSI TISPAN endorsement of 3GPP TS.23.204 [1] "Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2 (Release 7)".

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, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TS 23.204: "Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2"; Release 7.

3 Endorsement

The present document, in conjunction with 3GPP TS 23.204 [1], provides the specifications for the stage 2 of the messaging service for NGNs.

The elements of 3GPP TS 23.204 [1] apply, with the following modifications:

1. Scope

Applies.

2. References

Applies. The references listed in Table 1 are replaced by references applicable to NGN:

Reference in 3GPP TS 23.204 [1]	Applicable reference in this document
3GPP TS 23.228	TS 182 006 "IP Multimedia Subsystem (IMS); Stage 2; TISPAN NGN Release 1".

Table 1: List of references to be replaced

3. Definitions, symbols and abbreviations

Applies.

4. Void

Applies

4a. Architecture Requirements

Applies.

5. Architecture model and reference points

Applies.

6. Procedures

Applies.

6.5 Delivery Report procedure

Applies.

6.6 SMS Alerting procedure when IP based UE has memory available to receive one or more short messages

Applies.

Annex A: (informative) Change history

Doesn't apply.

Annex ZZ (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2006-09					draft ETSI TS 102 021 Rapporteurs draft input		0.0.1
2006-12					draft ETSI TS 102 021 Implemented 11bTD148. Added the latest version of 3GPP TS 23.204 into an annex. Rapporteur"s output draft	0.0.1	0.0.2
2006-12					draft ETSI TS 102 021 Output draft from TISPAN#12bis. The following contributions are implemented: 12bTD340r1 WI2038 document title and reference change 12bTD344r1 WI2038 document cleaning	0.0.2	0.0.3
2007-02					draft ETSI TS 102 021 Output draft from TISPAN#12ter. The following contribution is implemented: 12tTD249r1 Correction to DTS/TISPAN 02038 V0.0.3	0.0.3	0.0.4
2007-05					draft ETSI TS 102 021 Output draft from TISPAN#13ter. The following contribution is implemented: 13tTD488 WI2038 Aligning NGN SMS over IP	0.0.4	0.0.5
2007-06					draft ETSI TS 102 021 14bTD399 WI 2038 Cleaning SMS over NGN IMS	0.0.5	0.0.6
2007-07					draft ETSI TS 102 021 Output draft from TISPAN#14b. The following contributions are implemented: 14bTD399 WI 2038 Cleaning SMS over NGN IMS 14bTD505r1 WI 2038 Removing irrelevant reference	0.0.6	0.0.7
2007-12	SP-38	SP-070941			Conversion to 3GPP format, no technical change	0.0.7	1.0.0
2007-12	SP-38				Approved and frozen	1.0.0	8.0.0

History

Document history		
V8.0.0	December 2007	Publication