# 3GPP TR 09.95 V8.0.0 (2005-04)

Technical Specification

3rd Generation Partnership Project;
Technical Specification Group GSM/EDGE
Radio Access Network;
General Packet Radio Service (GPRS);
Interworking between modified
Public Land Mobile Network (PLMN) supporting GPRS
and legacy GPRS mobiles
(Release 1999)





The present document has been developed within the 3<sup>rd</sup> Generation Partnership Project (3GPP TM) and may be further elaborated for the purposes of 3GPP.

Keywords

GSM. interworking, radio, GPRS

#### 3GPP

 $Postal\,address$ 

3GPP support office address

650 Route des Lucioles - Sophia Antipolis Valbonne - FRANCE Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet

http://www.3gpp.org

#### 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.

## Contents

| Forew | vord                    |  |  |  |  |  |
|-------|-------------------------|--|--|--|--|--|
|       | Scope                   |  |  |  |  |  |
|       | References              |  |  |  |  |  |
|       | Abbreviations           |  |  |  |  |  |
|       | General                 |  |  |  |  |  |
|       | Void                    |  |  |  |  |  |
|       |                         |  |  |  |  |  |
| Anne  | Annex A: Change history |  |  |  |  |  |

#### **Foreword**

This Technical Specification has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

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

This report describes issues relating to the GPRS specifications, which lead to the specifications being modified after the placement of GPRS compliant mobiles into the market place.

Where possible the present report clarifies any recommended measures which may be adopted by the GPRS infrastructure to enable interworking to be obtained between the GPRS infrastructure and legacy Mobile Station (MS) implementations of the GPRS specifications.

For each issue this report also defines the time after which all new GPRS mobiles are required to meet the modified specifications.

The lifetime of the herein described measures together with their potential impact on optimal network performance is out of the scope of the present document.

#### 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] Void.
- [2] 3GPP TR 49.995: "General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles (Release 6)".

## 3 Abbreviations

Void.

### 4 General

The recommended measures to enable interworking between the GPRS infrastructure and the legacy mobile stations are provided in 3GPP TR 49.995 [2].

## 5 Void

## Annex A: Change history

| Change history |            |           |      |     |   |       |       |  |  |  |
|----------------|------------|-----------|------|-----|---|-------|-------|--|--|--|
| Date           | TSG GERAN# | TSG Doc.  | CR   | Rev | Subject/Comment   | Old   | New   |  |  |  |
| 2001-04        | 04         | GP-010917 |      |     | Version for Release 1998                                    |       | 7.0.0 |  |  |  |
| 2001-11        | 07         | GP-012829 | A004 | 1   | Support of Early Classmark Sending by an PBCCH capable cell | 7.0.0 | 7.1.0 |  |  |  |
| 2002-02        | 08         | GP-020402 | A006 |     | Conditions for IOV reset                                    | 7.1.0 | 7.2.0 |  |  |  |
| 2002-12        | 12         | GP-023241 | A008 | 2   | Use of Cause #14 in networks using NMO I                    | 7.2.0 | 7.3.0 |  |  |  |
| 2002-02        | 12         | GP-023243 | A010 | 1   | Two-message packet downlink assignment on CCCH              | 7.2.0 | 7.3.0 |  |  |  |
| 2005-04        | 24         | GP-050821 | A013 |     | Negotiation of SNDCP Compression Entities                   | 7.3.0 | 8.0.0 |  |  |  |