

**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Recommended infrastructure measures
to overcome specific Mobile Station (MS)
and User Equipment (UE) faults
(3GPP TR 29.994 version 4.0.1 Release 4)**



Reference

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Keywords

GSM, UMTS

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Foreword

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Version x.y.z

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- x the first digit:
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- 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 clarifies recommended measures which may be adopted by the GSM infrastructure to enable interworking to be obtained between the GSM infrastructure and various Mobile Station (MS) implementations of the GSM Phase 1 and Phase 2/2+ standard. The objective is to obtain compatibility without changing the consolidated set of Phase 1 and Phase 2/2+ specifications. The present document describes the recommended changes to the infrastructure to cater for specific faults within some MSs.

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] Void.

[3] Void.

[4] Void.

[5] Void.

[6] Void.

[7] 3GPP TR 29.994: Digital cellular telecommunications system; Recommended infrastructure measures to overcome specific Mobile Station (MS) faults.

3 Abbreviations

Void

4 General

The recommendations of the present document are provided in the latest major version of 3GPP TR 29.994 [7].

5 Void

6 Void

Annex A:
Void

Annex B: Change History

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
09.94/29.994							
	SMG#15		001		Dircted retry by external handover	4.0.0	4.0.1
			002		Dircted retry handover for fax and data		
	SMG#16		003		Editorials on chapter 6	4.1.0	4.2.0
			004		Editorials on section 5.2.2		
	SMG#19		A005	3	Guidelines for the support of MSs affected by frequency hopping on CBCH	4.2.0	4.3.0
			A006	1	Scope of GSM 09.94		
	SMG#20				upgrade to Ph2+	4.3.0	5.0.0
	SMG#27				upgrade to Ph2+ R97	5.0.0	6.0.0
	SMG#30				withdrawn	5.0.0	-
	SMG#30				withdrawn	6.0.0	-
	SMG#23		A007	1	Handling of new phase 2 BCCH and SACCH messages by phase 1 MS	4.3.0	4.4.0
	SMG#30		A008		Change of Title, Scope and References Clauses 1 to 5)	4.4.0	4.5.0
			A009		Frequency Hopping using ARFCN=0		
Jun 2002	CN#16	conversion to 29.994				09.94	29.994
		NP-020222	015	2	QoS IE length	4.5.0	4.0.0
Nov 2002					Editorial revisions due to changing the title from TS to TR.	4.0.0	4.0.1

History

Document history		
V4.0.0	June 2002	Publication (Withdrawn)
V4.0.1	November 2002	Publication