



# AMENDMENT

**ETS 300 575**

**A1**

January 1996

---

Source: ETSI TC-SMG

Reference: RE/SMG-020503PR2

ICS: 33.060.50

**Key words:** Digital cellular telecommunications system, Global System for Mobile communications (GSM)

**This amendment A1 modifies  
the European Telecommunication Standard ETS 300 575 (July 1995)**

## **European digital cellular telecommunications system (Phase 2); Channel coding (GSM 05.03)**

**ETSI**

European Telecommunications Standards Institute

**ETSI Secretariat**

**Postal address:** F-06921 Sophia Antipolis CEDEX - FRANCE

**Office address:** 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

**X.400:** c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

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

---

**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 1996. All rights reserved.



## Foreword

This amendment to ETS 300 575 second edition (July 1995) has been produced by the Special Mobile Group (SMG) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This amendment to ETS 300 575 second edition (July 1995) corresponds to the changes to GSM Technical Specification (GSM-TS) 05.03 from version 4.2.0 to version 4.3.0, as approved by TC-SMG.

This amendment modifies page 25 of ETS 300 575 second edition (July 1995).

<b>Transposition dates</b>	
Date of adoption of this amendment:	31 January 1996
Date of latest announcement of this amendment (doa):	30 April 1996
Date of latest publication or endorsement of this amendment (dop/e)	31 October 1996
Date of withdrawal of any conflicting National Standard (dow):	31 October 1996

## Amendment

**Page 27, subclause 4.8, Table 3b.**

Replace the existing table 3b with the following new table 3b:

The changes to the existing table 3b are marked with double underline and revision bars.

**Table 3b: Subjective importance of encoded bits for the half rate speech TCH for voiced speech frames (Parameter names and bit indices refer to GSM 06.20)**

Parameter name	Bit index	Label	Class
LPC 1	2,1	d0, d1	
LPC 2	6...4	d2...	
GSP 0-1	4		
GSP 0-2	4		
GSP 0-3	4		
GSP 0-4	4		
GSP 0-1	3		
GSP 0-2	3		
GSP 0-3	3		
GSP 0-4	3		
GSP 0-1	2		
GSP 0-2	2		
GSP 0-3	2		
GSP 0-4	2		
Code 1	8...0		
Code 2	8...5		
Code 2	2...0		
Code 3	8		
Code 2	4,3		
GSP 0-1	1		
GSP 0-2	1		
GSP 0-3	1		
GSP 0-4	1		1
GSP 0-1	0		
GSP 0-2	0		without parity check
GSP 0-3	0		
GSP 0-4	0		
INT-LPC	0		
LPC 2	0		
LPC 3	0		
<u>LAG 4</u>	0		
LPC 3	1		
LPC 2	1		
<u>LAG 4</u>	1		
LAG 3	0		
LAG 2	0		
LAG 1	0		
LAG 4	2		
LAG 3	1		
LAG 2	1		
LAG 1	1		
LPC 3	2...4		
LPC 2	2		
LPC 3	5,6		
LPC 2	3		
R0	0		
LPC 3	7		
LPC 1	0		
LAG 4	3		
LAG 3	2		
LAG 2	2		
LAG 1	2		
R0	1	...d72	

Parameter name	Bit index	Label	Class
LAG 3	3	d73...	
LAG 2	3		
LAG 1	3,4		1
LPC 2	7,8		
LPC 1	3...6		with parity check
R0	2		
LAG 1	5...7		
LPC 1	7...1		
	0		
R0	3,4		
Mode	0,1	...d94	
Code 4	0...8	d95...	2
Code 3	0...7	...d111	

## History

Document history	
September 1994	First Edition
February 1995	Unified Approval Procedure UAP 26: 1995-03-06 to 1995-06-30
July 1995	Second Edition
August 1995	Unified Approval Procedure UAP 33: 1995-08-07 to 1995-12-01
January 1996	Amendment 1 to 2nd Edition
February 1996	Converted into Adobe Acrobat Portable Document Format (PDF)
NOTE	<p>The references to the changed pages in the standard refer to an old presentation. See history box at the end of the standard itself.</p> <p>The new presentation format, applied from 1 December 1995, might have different page numbering. The clause numbering has not changed.</p>