



SLOVENSKI STANDARD

SIST ETS 300 609-2 E1:2003

01-december-2003

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Digital cellular telecommunications system (Phase 2) (GSM); Base Station System (BSS) equipment specification; Part 2: Signalling aspects (GSM 11.23)

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Ta slovenski standard je istoveten z: **ETS 300 609-2 Edition 1**
SIST ETS 300 609-2 E1:2003
<https://standards.iteh.ai/catalog/standards/sist/26391b66-2206-4525-879d-19f43b307190/sist-ets-300-609-2-e1-2003>

ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 609-2

June 1997

Source: ETSI TC-SMG

Reference: DE/SMG-081123P

ICS: 33.020

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



**Digital cellular telecommunications system (Phase 2);
Base Station System (BSS) equipment specification;
Part 2: Signalling aspects
(GSM 11.23)**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Special Mobile Group (SMG) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS describes the signalling tests for the Base Station System (BSS) within the digital cellular telecommunications system (Phase 2). This ETS corresponds to GSM technical specification GSM 11.23 version 4.6.1.

Transposition dates	
Date of adoption:	23 May 1997
Date of latest announcement of this ETS (doa):	30 September 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 March 1998
Date of withdrawal of any conflicting National Standard (dow):	31 March 1998

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1 Scope

This European Telecommunication Standard (ETS) contains the signalling aspects of the Base Station System for GSM. The set of signalling tests cover major areas of functionality on the air, Abis and A-interfaces, but is not designed to be a complete set of all the possible scenarios.

The tests were designed from the set of core specifications that exist for the GSM network and any changes that occur these specifications will be reflected in the test set documented within.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this specification only when incorporated in it by the amendment or revision. For undated references, the latest edition of the publication referred to applies.

- [1] ETR 100 (GSM 01.04): "Digital cellular telecommunications system (Phase 2); Abbreviations and acronyms".
- [2] ETS 300 521 (GSM 03.01): "Digital cellular telecommunications system (Phase 2); Network functions".
- [3] ETS 300 555 (GSM 04.06): "Digital cellular telecommunications system (Phase 2); Mobile Station - Base Station System (MS - BSS) interface Data Link (DL) layer specification".
- [4] ETS 300 557 (GSM 04.08): "Digital cellular telecommunications system (Phase 2); Mobile radio interface layer 3 specification".
- [5] ETS 300 560 (GSM 04.12): "Digital cellular telecommunications system (Phase 2); Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface".
- [6] ETS 300 574 (GSM 05.02): "Digital cellular telecommunications system (Phase 2); Multiplexing and multiple access on the radio path".
- [7] ETS 300 577 (GSM 05.05): "Digital cellular telecommunications system (Phase 2); Radio transmission and reception".
- [8] ETS 300 587-2 (GSM 08.02): "Digital cellular telecommunications system (Phase 2); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface Interface principles".
- [9] ETS 300 589 (GSM 08.06): "Digital cellular telecommunications system (Phase 2); Signalling transport mechanism specification for the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface".
- [10] ETS 300 590 (GSM 08.08): "Digital cellular telecommunications system (Phase 2); Mobile-services Switching Centre - Base Station System (MSC - BSS) interface Layer 3 specification".
- [11] ETS 300 593 (GSM 08.52): "Digital cellular telecommunications system (Phase 2); Base Station Controller - Base Transceiver Station (BSC - BTS) interface Interface principles".
- [12] ETS 300 595 (GSM 08.56): "Digital cellular telecommunications system (phase 2); Base Station Controller - Base Transceiver Station (BSC - BTS) interface Layer 2 specification".