

AUSTRALIAN
COMMUNICATIONS
INDUSTRY FORUM



AUSTRALIAN STANDARD

AS/ACIF S042.3:2005

Requirements for connection to an air interface
of a Telecommunications Network—
Part 3: GSM Customer Equipment

**Adopted for
regulatory purposes**

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**Australian Standard – Requirements for connection to an air interface of a Telecommunications Network —
Part 3: GSM Customer Equipment**

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FOREWORD

General

This Standard was prepared by the ACIF Working Committee CECRP/WC10 on *GSM Technology*. It is one of a series of Telecommunication Standards developed under the Memorandum of Understanding between the Australian Communications Authority (ACA) and the Australian Communications Industry Forum.

Note: On 1 July 2005 the ACA became the Australian Communications and Media Authority (ACMA) and the Memorandum of Understanding continues in effect as if the reference to the ACA were a reference to ACMA.

This Standard is the outcome of a review of ACA TS 018-1997 *Digital Cellular Mobile Telecommunications System - GSM Mobile Station*. It is the result of a consensus among representatives on the ACIF Working Committee to produce it as an Australian Standard.

The requirements in this Standard are consistent with the aims of s376 of the *Telecommunications Act 1997*. Specifically these aims are—

- (a) protecting the integrity of a telecommunications network or facility;
- (b) protecting the health and safety of persons;
- (c) ensuring access to emergency services; and
- (d) ensuring interoperability with a standard telephone service (STS).

It should be noted that some Customer Equipment (CE) may also need to comply with requirements in other Standards or other Parts of this Standard.

This Standard should be read in conjunction with ACIF AS/ACIF S042.1 [2] and the supporting arrangements document ACIF G548 [3].

Applicable electrical safety Standards and EMC Standards may apply under Commonwealth or State laws, or both.

Intellectual property rights

Equipment which is manufactured to comply with this Standard may require the use of technology which is protected by patent rights in Australia. Questions about the availability of such technology, under licence or otherwise, should be directed to the patent holder or Australian licensee (if known) or through enquiry at IP Australia which incorporates the Patent, Designs and Trade Marks and Offices. Further information can be found at www.ipaustralia.gov.au.

Standards revision

Australian Standards developed by the Australian Communications Industry Forum (AS/ACIF Standards) are updated, according to the needs of the industry, by amendments or revision. Users of AS/ACIF Standards should make sure that they possess the latest amendments or editions. Representations concerning the need for a change to this AS/ACIF Standard should be addressed to:

The Project Manager
Customer Equipment and Cable Reference Panel
The Australian Communications Industry Forum
PO Box 444
Milsons Point NSW 1565

Regulatory notice

This document has been made by ACMA as Telecommunications Technical Standard AS/ACIF S042.3-2005 under s376 of the *Telecommunications Act 1997*.

ACMA is a Commonwealth authority with statutory powers to impose requirements concerning telecommunications Customer Equipment and Customer Cabling.

ACMA requires Australian manufacturers and importers of specified items of Customer Equipment and Customer Cabling to establish compliance with Standards such as this. Items are required to be labelled to the applicable labelling notices.

Details on current compliance arrangements can be obtained from the ACMA website at <http://www.acma.gov.au> or by contacting ACMA below at:

Australian Communications and Media Authority
PO Box 13112
Law Courts PO
Melbourne VIC 8010
Australia

Telephone: +61 3 9963 6800
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Introduction

This introduction for the AS/ACIF S042.3:2005 **Requirements for connection to an air interface of a telecommunications network— Part 3: GSM Customer Equipment** Standard is not an authoritative section of this Standard and is only provided as guidance for the user of the Standard to outline its objectives and the factors that have been taken into account in its development.

The reader is directed to the clauses of Part 3 for the specific requirements and to the Australian Communications and Media Authority (ACMA) for the applicable telecommunications labelling and compliance arrangements.

Note: Further information on the telecommunications labelling and compliance arrangements can be found in The Telecommunications Labelling (Customer Equipment and Customer Cabling) Notice (the TLN). The TLN can be obtained from the Australian Communications and Media Authority (ACMA) website at www.acma.gov.au.

The objective of Part 3 is to specify the requirements and associated test methods for GSM Customer Equipment (GSM CE) in order to meet the regulatory arrangements for such equipment in Australia. Part 3 should be read in conjunction with Part 1 of AS/ACIF S042.

Part 3 covers the basic compliance requirements for up to and including Phase 2+ GSM equipment. Consideration has been given to align the requirements of this Standard with:

- (i) the European *DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity* (the R&TTE Directive); and
- (ii) the Official Journal of the European Union (2003/C 271/03) *Commission communication in the framework of the implementation of the Council Directive 1999/5/EC which lists ETSI EN 301 511: V9.0.2 Global System for Mobile communications (GSM); Harmonised standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under Article 3.2 of the R&TTE Directive (1999/5/EC)*.

Requirements for International Mobile Equipment Identification (IMEI) security have been aligned with ETSI TS 151 010-1.

Requirements for emergency call service access are specified in AS/ACIF S042.1.

The interoperability of GSM CE was identified by the committee as an ongoing matter. A review of the Standard is scheduled for 12 months after it is registered allowing for industry members to monitor any issues arising from its implementation.

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