ETSI TS 102 281 V2.3.0 (2013-07)



Railways Telecommunications (RT); Global System for Mobile communications (GSM); Detailed requirements for GSM operation on Railways

Document Preview

ETSLTS 102 281 V2.3.0 (2013-07)

https://standards.iteh.ai/catalog/standards/etsi/0beaeea5-30b5-4030-bebd-a7d207c829ac/etsi-ts-102-281-v2-3-0-2013-07



Reference
RTS/RT-0027

Keywords
GSM, GSM-R, R-GSM, UIC

ETSI

650 Route des Lucioles F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C Association à but non lucratif enregistrée à la Sous-Préfecture de Grasse (06) N° 7803/88

(https://standards.iteh.ai) **Document Preview**

Important notice

Individual copies of the present document can be downloaded from: https://standards.iteh.ai/catalog/standards/etsi/0beachttp://www.etsi.org/bebd-a7d207c829ac/etsi-ts-102-281-v2-3-0-2013-07

The present document may be made available in more than one electronic version or in print. In any case of existing or

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status.

Information on the current status of this and other ETSI documents is available at

http://portal.etsi.org/tb/status/status.asp

If you find errors in the present document, please send your comment to one of the following services: http://portal.etsi.org/chaircor/ETSI_support.asp

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 2013.
All rights reserved.

DECTTM, **PLUGTESTS**TM, **UMTS**TM and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members. **3GPP**TM and **LTE**TM are Trade Marks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Contents

Intel	ntellectual Property Rights	
	word	
1	Scope	
2 2.1	References	5 5
2.2	Informative references	5
3	Abbreviations	5
4	CRs required for operation of GSM on Railways to be added to the normative references of EN 301 515	6
4.1	CRs applicable to the TSs already listed as normative references of EN 301 515	
4.2	CRs applicable to TSs not yet listed as normative references of EN 301 515	
Ann	ex A (informative): Bibliography	19
Histo	History	

iTeh Standards (https://standards.iteh.ai) Document Preview

<u>ETSLTS 102 281 V2.3.0 (2013-07)</u>

https://standards.iteh.ai/catalog/standards/etsi/0beaeea5-30b5-4030-bebd-a7d207c829ac/etsi-ts-102-281-v2-3-0-2013-0/

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://ipr.etsi.org).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Railway Telecommunications (RT).

iTeh Standards (https://standards.iteh.ai) Document Preview

ETSLTS 102 281 V2 3 0 (2013-07)

/https://standards.iteh.ai/catalog/standards/etsi/0beaeea5-30b5-4030-bebd-a7d207c829ac/etsi-ts-102-281-v2-3-0-2013-0