

## SLOVENSKI STANDARD

SIST EN 300 086-2:2001

01-september-2001

9`Y\_Hfca U[ bYhbUnXfi ý`lj cghifØ A7Ł]b`nUXYj Yj `nj Yn]`n`fUX]`g\_Ja `gdY\_Hfca `fØFAŁ!  
Głcf]Hj ` \_cdYbg\_`l `a cV]b]`\_ca i b]\_UM]^!`FUX]`g\_UcdfYa Un`bcfUb`ja `U]  
ni bUb`ja `F: !\_cbY\_hcf^Ya žbUa Yb^bUdfYXj gYa `nUUbUc[ b]`dfYbcg`[ c j cfU!`&  
XY. <Ufa cb]n]fUb]9Bż\_]`nU`Ya UV]ghj YbYnU Hj Y `YbU` "&X]fY\_Hj YF/ HH9

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service;  
Radio equipment with an internal or external RF connector intended primarily for  
analogue speech; Part 2: Harmonized EN covering essential requirements under article  
3.2 of the R&TTE Directive

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**Ta slovenski standard je istoveten z: EN 300 086-2 Version 1.1.1**

**ICS:**

33.060.20	Sprejemna in oddajna oprema	Receiving and transmitting equipment
33.070.01	Mobilni servisi na splošno	Mobile services in general
33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

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**en**

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# ETSI EN 300 086-2 V1.1.1 (2001-03)

*Candidate Harmonized European Standard (Telecommunications series)*

**Electromagnetic compatibility  
and Radio spectrum Matters (ERM);  
Land Mobile Service;  
Radio equipment with an internal or external RF  
connector intended primarily for analogue speech;  
Part 2: Harmonized EN covering essential requirements  
under article 3.2 of the R&TTE Directive**

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Reference

REN/ERM-RP02-041-2

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Keywordsanalogue, antenna, mobile, PMR, radio,  
regulation, speech***ETSI***

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## Foreword

This Candidate Harmonized European Standard (Telecommunications series) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM).

The present document is part 2 of a multi-part deliverable covering the Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech, as identified below:

**Part 1:** "Technical characteristics and methods of measurement";

**Part 2:** "Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive".

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC (as amended) laying down a procedure for the provision of information in the field of technical standards and regulations. **iTeh STANDARD PREVIEW** (**standards.iteh.ai**)

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the Directive 1999/5/EC [1] 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").

<b>National transposition dates</b>	
Date of adoption of this EN:	23 February 2001
Date of latest announcement of this EN (doa):	31 May 2001
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 November 2001
Date of withdrawal of any conflicting National Standard (dow):	30 November 2001

## Introduction

The present document is part of a set of standards designed to fit in a modular structure to cover all radio and telecommunications terminal equipment under the R&TTE Directive. Each standard is a module in the structure. The modular structure is shown in figure 1.

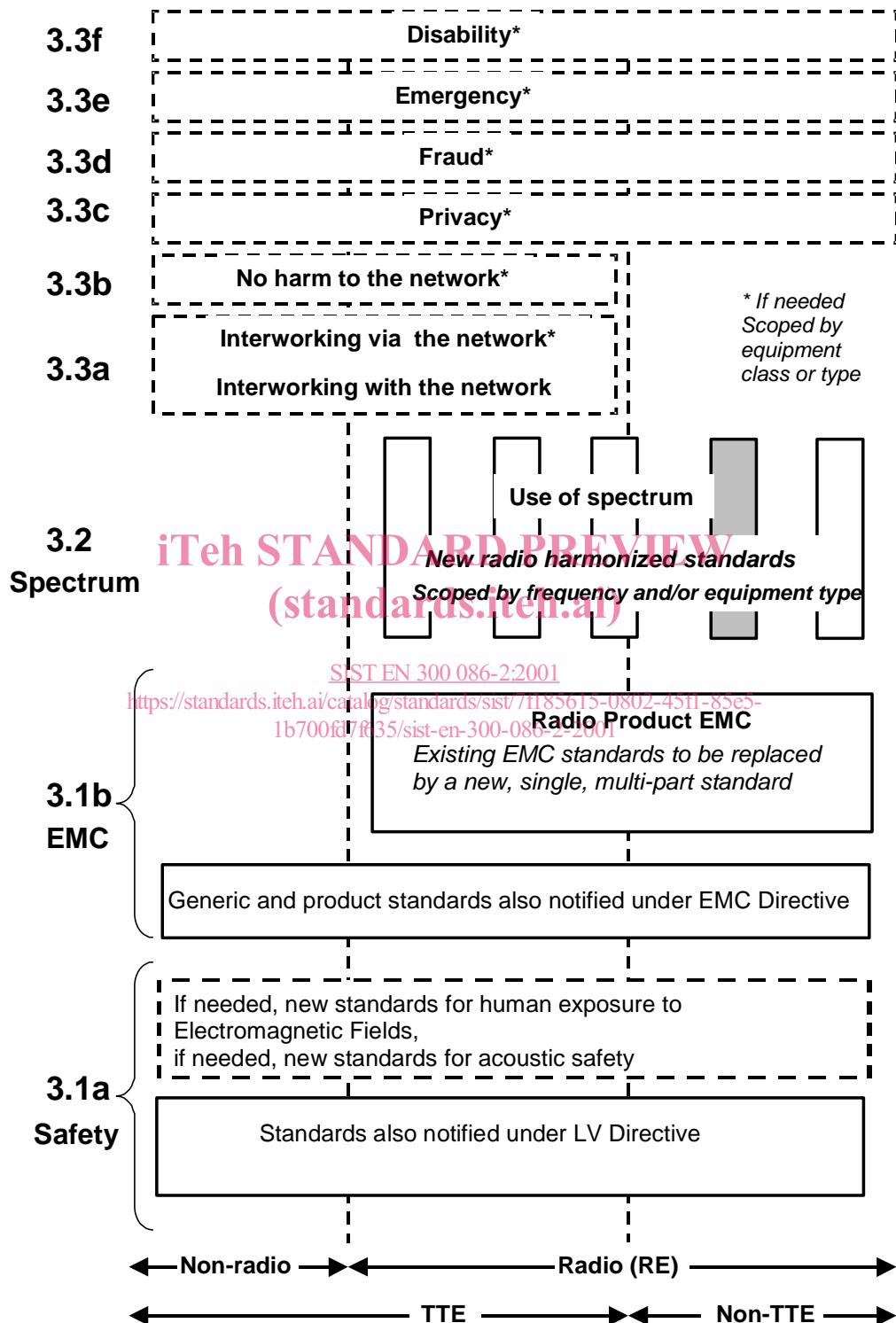


Figure 1: Modular structure for the various standards used under the R&TTE Directive

## Explanation of figure 1

The left hand edge of the figure 1 shows the different clauses of Article 3 of the R&TTE Directive [1].

For article 3.3 various horizontal boxes are shown. Dotted lines indicate that at the time of publication of the present document essential requirements in these areas have to be adopted by the Commission. If such essential requirements are adopted, and as far and as long as they are applicable, they will justify individual standards whose scope is likely to be specified by function or interface type.

The vertical boxes show the standards under article 3.2 for the use of the radio spectrum by radio equipment.

For article 3.1b the diagram shows the new single multi-part product EMC standard for radio, and the existing collection of generic and product standards currently used under the EMC Directive [2]. The parts of the present document will become available in the second half of 2000, and the existing separate product EMC standards will be used until it is available (at the time of publication of the present document, the part relating to the equipment covered by the present document is part 5).

For article 3.1a the diagram shows the existing safety standards currently used under the LV Directive [3] and new standards covering human exposure to electromagnetic fields. New standards covering acoustic safety may also be required.

The bottom of the figure shows the relationship of the standards to radio equipment and telecommunications terminal equipment. A particular equipment may be radio equipment, telecommunications terminal equipment or both. A radio spectrum standard will apply if it is radio equipment. An article 3.3 standard will apply as well only if the relevant essential requirement under the R&TTE Directive [1] is adopted by the Commission and if the equipment in question is covered by the scope of the corresponding standard. Thus, depending on the nature of the equipment, the essential requirements under the R&TTE Directive [1] may be covered in a set of standards.

The modularity principle has been taken because it is expected that it would:

- minimize the number of standards (because equipment may, in fact, have multiple interfaces and functions it is not practicable to produce a single standard for each possible combination of functions that may occur in an equipment);  
*SIST EN 300 086-2:2001*
- provide scope for standards to be added under article 3.3 should the Commission take the necessary decisions without requiring alteration of standards that are already published;  
*http://stds.ece.iti.gr/11/01/01/01/01/718561-0802-150-855-170-001*
- clarify and simplify the usage of Harmonized Standards as the relevant means of conformity assessment.