



**SLOVENSKI STANDARD**  
**SIST ETS 300 133-1 E1:2003**  
**01-december-2003**

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Paging Systems (PS); Enhanced Radio MESSage System (ERMES); Part 1: General aspects

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Ta slovenski standard je istoveten z: **ETS 300 133-1 Edition 1**  
<https://standards.iteh.ai/catalog/standards/sist/55a02058-5775-4d2f-99c0-2e5bdbfe9a4d/sist-ets-300-133-1-e1-2003>

**ICS:**

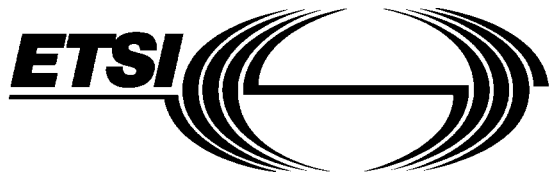
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**E**UROPEAN  
**T**ELECOMMUNICATION  
**S**TANDARD

**ETS 300 133-1**

July 1992

Source: ETSI TC-PS

Reference: DE/PS-1001-1

ICS: 33.080

**Key words:** ERMES, paging systems

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**Paging systems (PS);**  
**European Radio Message System (ERMES)**  
SIST ETS 300 133-1 E1:2003  
**Part 1: General aspects**  
<https://standards.iteh.ai/catalog/standards/sist/ets-300-133-1-e1-2003>

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## Foreword

This European Telecommunication Standard (ETS) has been produced by the Paging Systems (PS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS comprises seven parts with the generic title "Paging systems; European Radio Message System (ERMES)". The title of each part is listed below:

- ETS 300 133-1: "Part 1: General aspects"
- ETS 300 133-2: "Part 2: Service aspects"
- ETS 300 133-3: "Part 3: Network aspects"
- ETS 300 133-4: "Part 4: Air interface specification"
- ETS 300 133-5: "Part 5: Receiver conformance specification"
- ETS 300 133-6: "Part 6: Base station specification"
- ETS 300 133-7: "Part 7: Operation and maintenance aspects"

This part, ETS 300 133-1, gives a general description of the European Radio Message System (ERMES). This part also includes a vocabulary of terms and a list of abbreviations and acronyms.

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## 1 Scope

This part of the seven part European Telecommunication Standard ETS 300 133, describes the general aspects of the European Radio Message System (ERMES). It comprises an abstract of each part of the ETS along with a general description of:

- the objectives of the system;
- the services and facilities;
- a description of the elements and their functions.

A complete vocabulary for all parts of ETS 300 133 is given, together with a list of abbreviations and acronyms.

Normative references which are quoted in each part of ETS 300 133 are gathered together and listed in Annex A (informative) of this part.

## 2 Normative references

This ETS incorporates by dated or 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 ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 133-2 (1992): "Paging Systems (PS); European Radio Message System (ERMES) Part 2: Service aspects".
- [2] ETS 300 133-3 (1992): "Paging Systems (PS); European Radio Message System (ERMES) Part 3: Network aspects".
- [3] ETS 300 133-4 (1992): "Paging Systems (PS); European Radio Message System (ERMES) Part 4: Air interface specification".
- [4] ETS 300 133-5: (1992) "Paging Systems (PS); European Radio Message System (ERMES) Part 5: Receiver conformance specification".
- [5] ETS 300 133-6: (1992) "Paging Systems (PS); European Radio Message System (ERMES) Part 6: Base station conformance specification".
- [6] ETS 300 133-7 (1992): "Paging Systems (PS); European Radio Message System (ERMES) Part 7: Operation and maintenance aspects".

## 3 Definitions and abbreviations

### 3.1 Introduction

The terms, definitions and abbreviations used throughout the ERMES ETS are given in this Clause. A definition or a reference to a definition given in this Clause is valid in all parts of the ETS even if no definition is given within a particular part.

An explanation of all the abbreviations and acronyms used in this ETS is given in alphabetical order in subclause 3.4.

The definitions are presented in eight groups. Within each group the definitions are given in a conceptual order rather than alphabetical order. Each defined term is allocated a number. To assist the reader in finding the definition of a term, an index of terms together with their associated numbers is given in subclause 3.2.

### 3.2 Index

505	Access method
503	Access mode
501	Access network
506	Access service
504	Access terminal
502	Access type
309	Additional receiver feature
210	Address code
702	Alert signal
703	Alert signal indicator
214	Authentication code
604	Base station area
307	Basic receiver feature
202	Basic RIC
427	Basic kernel
301	Basic service
709	Batch number
710	Batch type
409	Call acceptance
102	Calling party
707	Codeblock
706	Code-word
205	Country code
311	Divert AdC
711	End of Message (EOM) character
402	ERMES system
435	External interface
705	External receiver
104	Fixed subscriber
430	Fixed subscriber records database
424	Fragmentation
416	Frequency divided network
605	Geographical area
211	Group address code
431	Group database
314	Group call
405	Home network
106	Home operator
412	Home PNC (PNC-H)
418	I1 Interface
419	I2 Interface
420	I3 Interface
421	I4 Interface
422	I5 Interface
423	I6 Interface
209	Initial address
411	Input PNC (PNC-I)
434	Internal interface
213	Legitimation code
208	Local address
712	Long message
802	Message bank
801	Message delivery time
305	Message number
103	Mobile subscriber
428	Mobile subscriber AdC records database
429	Mobile subscriber RIC message database
601	Network area
105	Network operator
407	Network status
425	Network time slot
507	One-stage selection
206	Operator code
203	Operator identity

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401	Operator network
603	Paging area
207	Paging area code
415	Paging area controller
303	Paging call
304	Paging message
410	Paging network controller
701	Paging signal
413	PNC-H (FS)
426	Protocol stack
201	Radio identity code
306	Receiver feature
607	Roaming area
606	Service area
312	Service identification code
212	Service number
310	Standard text
713	Sub-message
313	Subscriber feature
107	Subscriber registration
308	Supplementary receiver feature
302	Supplementary service
704	Symbol
602	System area
403	Telecommunication network
404	Telecommunications management network
408	Three state status
417	Time divided network
109	Toll ticketing
108	Traffic registration
414	Transmitting PNC (PNC-T)
508	Two-stage selection
101	User
406	Visited network
204	Zone code

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### 3.3 Vocabulary

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#### 3.3.1 Administrative terms

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- 101 **User:** a person or machine initiating an access to the operator network or receiving a message through the operator network. User includes mobile subscribers, fixed subscribers and non-registered customers.
- 102 **Calling party:** a user entering paging tasks into the network.
- 103 **Mobile subscriber:** a user who is registered in an operator network and receives paging messages or uses his subscriber features.
- 104 **Fixed subscriber:** a calling party who is registered in a paging network and has an account for sending messages and use of subscriber features.
- 105 **Network operator:** the administration/company which is responsible for the technical and commercial operation of the operator network.
- 106 **Home operator:** the network operator to which a specific user has subscribed.
- 107 **Subscriber registration:** the registration of a subscriber as a user of a particular operator network, together with information on subscribed services, supplementary services and other associated information needed for traffic handling.
- 108 **Traffic registration:** a register of data concerning calls; needed for charging purposes and statistics.