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Digital cellular telecommunications system (Phase 2+) (GSM); User-to-User Signalling (UUS); Service description, Stage 1 (GSM 02.87 version 7.1.2 Release 1998)

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European Standard (Telecommunications series)

**Digital cellular telecommunications system (Phase 2+);
User-to-User Signalling (UUS);
Service description, Stage 1
(GSM 02.87 Version 7.1.2 Release 1998)**

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Foreword

This European Standard (Telecommunications series) has been produced by Technical Committee Special Mobile Group (SMG).

The present document defines a User-to-user signalling supplementary service which allows a mobile subscriber to send/receive a limited amount of information to/from another PLMN or ISDN subscriber over the signalling channel in association with a call to the other subscriber within the digital cellular telecommunications system.

The present document is a SMG approved GSM technical specification version 5, which contains GSM Phase 2+ enhancements/features.

The contents of the present document is subject to continuing work within SMG and may change following formal SMG approval. Should SMG modify the contents of the present document, it will be republished by ETSI with an identifying change of release date and an increase in version number as follows:

Version 7.x.y

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- 7 indicates GSM Phase 2+ Release 1998;
 - x the second digit is incremented for changes of substance, i.e. technical enhancements, corrections, updates, etc.;
 - y the third digit is incremented when editorial only changes have been incorporated in the specification.

Proposed national transposition dates

Date of adoption of this EN:	3 December 1999
Date of latest announcement of this EN (doa):	31 March 2000
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 September 2000
Date of withdrawal of any conflicting National Standard (dow):	30 September 2000

1 Scope

The User-to-User Signalling (UUS) supplementary service allows a mobile subscriber to send/receive a limited amount of information to/from another PLMN or ISDN subscriber over the signalling channel in association with a call to the other subscriber.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.
- For this Release 1998 document, references to GSM documents are for Release 1998 versions (version 7.x.y).

[1] GSM 01.04: "Digital cellular telecommunication system (Phase 2+); Abbreviations and acronyms".

[2] GSM 02.04: "Digital cellular telecommunications system (Phase 2+); General on supplementary services".

[3] GSM 02.30: "Digital cellular telecommunications system (Phase 2+); Man-Machine Interface (MMI) of the Mobile Station (MS)".

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3 Definitions and Abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

User-to-User Information (UUI): The information transferred by using the UUS supplementary service.

UUS service: The UUS services (Service 1, 2 and 3) are components of the UUS supplementary service. If the UUS supplementary service is provided to a subscriber, she can handle the UUS services independently within a call.

Served subscriber: The subscriber who has a provision of the UUS supplementary service and who activates the UUS supplementary service. For service 1 and 2 the served subscriber is always the calling subscriber, for service 3 either the calling or the called subscriber can be the served subscriber.

Remote party: For service 1 and 2 the remote party is the called party of a call to which the UUS supplementary service is activated by the served subscriber. For service 3 the remote party can be either the called or the calling party of an established call to whom the use of the UUS supplementary service is requested by the served subscriber.

3.2 Abbreviations

For the purposes of the present document the following abbreviations apply.

UUS	User-to-User Signalling
UUI	User-to-User Information

Further GSM related abbreviations are listed in GSM 01.04 [1].

4 Description

4.1 Description

The UUS supplementary service allows the served subscriber to send/receive a limited amount of subscriber generated information to/from another user in association with a call to the user. This information shall be passed transparently (i.e. without modification of contents) through the network. Normally, the network shall not interpret or act upon this information.

The served subscriber can send and receive UUI in different phases of the call depending on the service(s) to which the subscriber subscribes. These services are:

- Service 1: UUI can be sent and received during the origination and termination of a call, with UUI embedded within call control messages. The service 1 can be activated implicit by inserting UUI when set-up a call or explicit with an appropriate procedure.
- Service 2: UUI can be sent and received after the served subscriber has received an indication that the remote party is being informed of the call and prior to the establishment of the connection. UUI sent by the served subscriber prior to receiving the acceptance of the call by the remote party, may as a network option be delivered to the remote party after the call has been established. The service 2 shall be activated explicitly.
- Service 3: User-to-user information can be sent and received only while the connection is established. The service 3 shall be activated explicitly.

Service 1, service 2 and service 3 shall allow the transmission of UUI with the maximum length of 128 octets per message.

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4.2 Applicability to telecommunication services

The applicability of this supplementary service is defined in GSM 02.04 [2].

5 Normal procedures with successful outcome

5.1 Provision

The UUS supplementary service shall be provided to the served subscriber after pre-arrangement with the service provider. The remote party needs no subscription of the UUS supplementary service.

NOTE: The remote party is able to send UUI without provision of the UUS supplementary service when the service is activated against her by the served subscriber.

As a service provider option, one or any combination of the following shall be provided:

- service 1 (implicitly requested and explicitly requested);
- service 2;
- service 3.

5.2 Withdrawal

The UUS supplementary service and several UUS services shall be withdrawn by the service provider upon the subscriber's request or for service providers reasons.