

# ETSI TS 124 096 V3.0.0 (2000-01)

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*Technical Specification*

**Digital cellular telecommunications system (Phase 2+) (GSM);  
Universal Mobile Telecommunications System (UMTS);  
Name identification supplementary services - Stage 3  
(3G TS 24.096 version 3.0.0 Release 1999)**

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Reference

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Keywords

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## Foreword

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The present document may refer to technical specifications or reports using their 3GPP identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables. The mapping of document identities is as follows:

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3G TS | TR nn.nnn "<title>" (with or without the prefix 3G)

is equivalent to

ETSI TS | TR 1nn nnn "[Digital cellular telecommunications system (Phase 2+) (GSM);] Universal Mobile Telecommunications System; <title>

For GSM document identities of type "GSM xx.yy", e.g. GSM 01.04, the corresponding ETSI document identity may be found in the Cross Reference List on [www.etsi.org/key](http://www.etsi.org/key)

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# Foreword

This Technical Specification has been produced by the 3GPP.

This TS specifies the procedures used at the radio interface for normal operation, registration, erasure, activation, deactivation, invocation and interrogation of line identification supplementary services within the 3GPP system.

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of this TS, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version 3.y.z

where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 Indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the specification;

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# 1 Scope

This Technical Specification (TS ) specifies the procedures used at the radio interface for normal operation, registration, erasure, activation, deactivation, invocation and interrogation of name identification supplementary services. Provision and withdrawal of supplementary services is an administrative matter between the mobile subscriber and the service provider and cause no signalling on the radio interface.

In GSM 04.10 the general aspects of the specification of supplementary services at the layer 3 radio interface are given. GSM 04.80 specifies the formats and coding for the supplementary services.

Definitions and descriptions of supplementary services are given in GSM 02.04 and GSM 02.8x and 02.9x-series. GSM 02.96 is related specially to name identification supplementary services.

Technical realization of supplementary services is described in GSM 03.11 and GSM 03.8x and 03.9x-series. Technical specification GSM 03.96 is related specially to name identification supplementary services.

The procedures for Call Control, Mobility Management and Radio Resource management at the layer 3 radio interface are defined in GSM 04.07 and GSM 04.08.

The following supplementary services belong to the name identification supplementary services and are described in this TS:

- Calling name presentation (CNAP);

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# 2 Normative 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.

- [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 02.96: "Digital cellular telecommunications system (Phase 2+); Name identification supplementary services - Stage 1".
- [4] GSM 03.11: "Digital cellular telecommunications system (Phase 2+); Technical realization of supplementary services".
- [5] GSM 03.96: "Digital cellular telecommunications system(Phase 2+); Name identification supplementary services - Stage 2".
- [6] GSM 04.07: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface signalling layer 3; General aspects".
- [7] GSM 04.08: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3 specification".

- [8] GSM 04.10: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3; Supplementary services specification; General aspects".
- [9] GSM 04.80: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3 supplementary services specification; Formats and coding".

### 3 Abbreviations

Abbreviations used in the TS are listed in GSM 01.04.

## 4 Calling Name Presentation (CNAP)

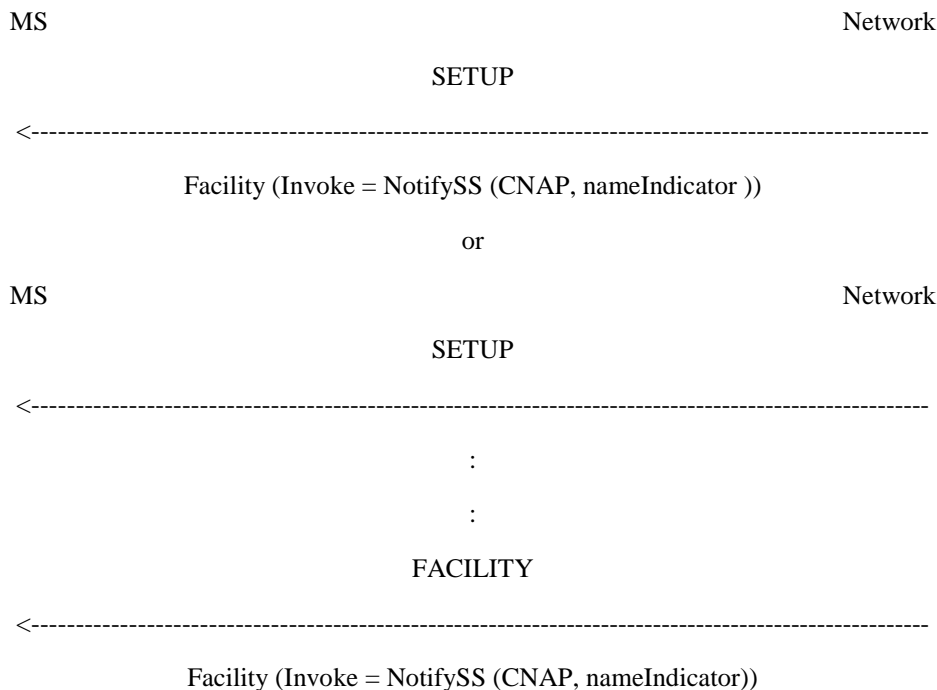
### 4.1 Normal operation

The calling name identity is made up of calling party's name - up to 80 characters.

The MS shall be given one of the following in the name indicator:

- calling name identity;
- presentation indicator of presentation restricted;
- presentation indicator of name unavailable; or
- calling name identity and presentation restricted (for the case where the CNAP override category is provisioned).

If the network has received a non-zero SS screening indicator from the MS, then calling name information indicated above shall be sent to the MS as defined in figure 1. If the network did not receive a non-zero SS screening indicator from the MS, then calling name information shall not be sent to the MS.

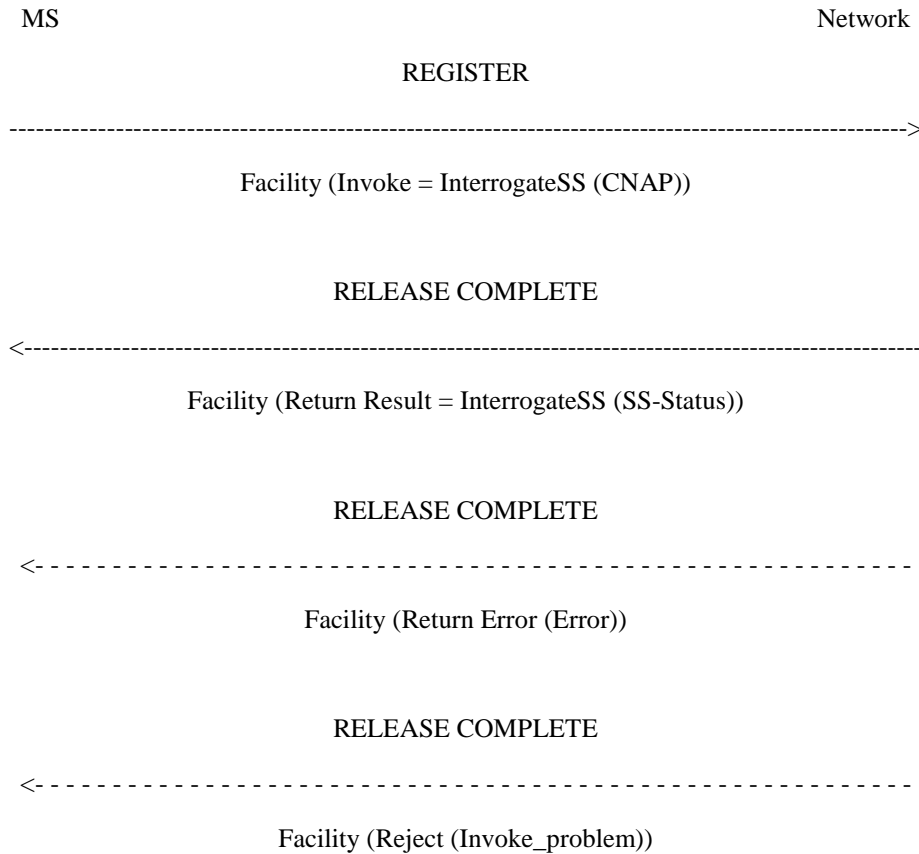


**Figure 1: Notification by the network to the called mobile subscriber**

## 4.2 Interrogation

### Status Check

The mobile subscriber can request the status of the supplementary service and be informed if the service is provided to him/her.



**Figure 2: Interrogation of calling name identification presentation**

## 4.3 Activation, deactivation, registration and erasure

Activation, deactivation, registration and erasure of the supplementary service Calling Name presentation (CNAP) are not applicable.



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## Annex A: Change history

Change history						
TSG CN#	Spec	Version	CR	<Phase>	New Version	Subject/Comment
Apr 1999	GSM 04.96	6.0.1				Transferred to 3GPP CN1
CN#03	24.096				3.0.0	Approved at CN#03

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# History

<b>Document history</b>		
V3.0.0	January 2000	Publication