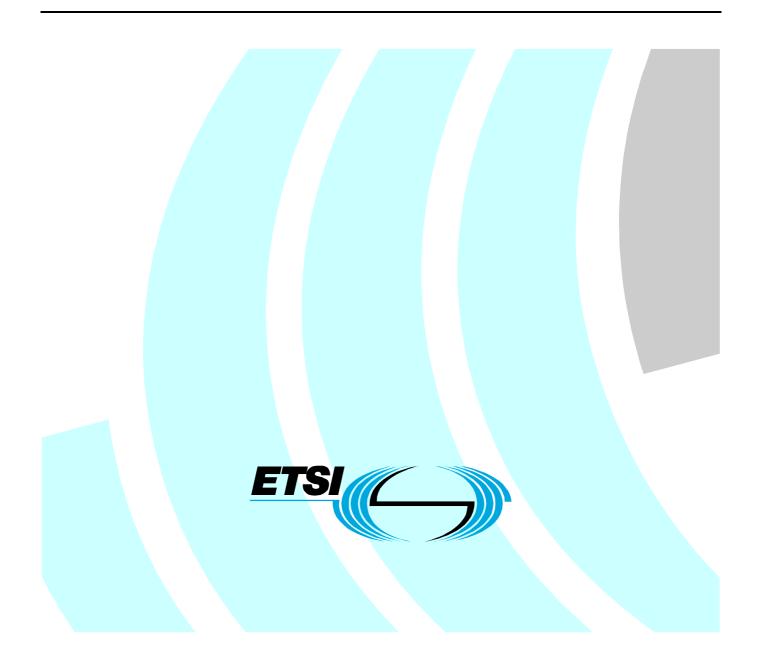# ETSI TS 100 659-3 V1.1.1 (2001-11)

Technical Specification

Access and Terminals (AT);
Analogue access to the
Public Switched Telephone Network (PSTN);
Subscriber line protocol over the local loop for
display (and related) services;
Part 3: Data link message and parameter codings
(corrections needed to EN 300 659-3 V1.3.1)

Reference
DTS/AT-030012

Keywords
data, PSTN, service

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Access and Terminals (AT).

The present document is part 3 of a multi-part deliverable covering the PSTN subscriber line protocol over the local loop for display (and related) services, as identified below:

Part 1: "On-hook data transmission";

Part 2: "Off-hook data transmission";

Part 3: "Data link message and parameter codings";

# 1	Scope

The present document identifies errors found in the EN 300 659-3 V1.3.1 [1].

The intention is to incorporate these modifications into a new version of EN 300 659-3.

# 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 and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

[1]	ETSI EN 300 659-3 (V1.3.1): "Access and Terminals (AT); Analogue access to the Public Switched Telephone Network (PSTN); Subscriber line protocol over the local loop for display (and related) services; Part 3: Data link message and parameter codings".

[2]	ETSI EN 300 778: "Access and Terminals (AT); Analogue access to the Public Switched Telephone Network (PSTN); Protocol over the local loop for display and related services; Terminal Equipment requirements".

# 3	Abbreviations

For the purposes of the present document, the following abbreviations apply:

CCBS	Completion of Calls to Busy Subscriber
CCNR	Completion of Calls on No Reply
PSTN	Public Switched Telephone Network
SMS	Short Message Service

# 4	General

STF 185 is working on test suites for EN 300 778 [2]/EN 300 659-3 [1]. This work is based on the published versions of these documents. Currently (October 2001) AT-F is working on a new version of EN 300 659-3 [1], because the NBS for SMS needs some changes. Beside these changes STF185 recognised some discrepancies in the published version of EN300659-3. During the discussion on the SMS service description in the 11th Plenary meeting of TC SPAN an additional point was discovered.

In order to get a set of standards (basic standards and PICS, TP&TSS and TTCN tests) there is a need to publish a Technical Specification (TS) detailing necessary corrections to the existing version of EN 300 659-3 [1]. It may be confusing to publish at the same time both a new version and TS referring to the published earlier version, but no other way is feasible. (Note: Test suites for the new version is a possible new work item with a target date end of 2002).

5   Necessary corrections to clauses in version 1.3.1 of EN 300 659-3

The following corrections are necessary:

Clause 5.4.2

Add the following text:

> NOTE: When this parameter is used for CCBS/CCNR recall it is allowed to present the called party address.

Clause 5.4.3

Add the following text:

> NOTE: In case of CCBS/CCNR recall, it is allowed to use the Calling Line Identity parameter instead of or in parallel to the Called Line Identity parameter.

Clause 5.2.1

Replace table 2 by the following:

Table 2: Call set-up message parameters

Parameter type	Reference (clause)
Date and Time	5.4.1
Calling Line Identity	5.4.2
Or	
Reason for absence of Calling Line Identity	5.4.4
Called Line Identity	5.4.3
Calling Party Name	5.4.5
Or	
Reason for absence of Calling Party Name	5.4.6
Complementary Calling Line Identity	5.4.11
Call type	5.4.12
First Called Line Identity	5.4.13
Number of Messages	5.4.14
Type of Forwarded call	5.4.15
Type of Calling User	5.4.16
Redirecting Number	5.4.17
Network Provider Identity	5.4.21
Carrier Identity	5.4.22
Selection of Terminal Function	5.4.23
Display Information	5.4.24
Service Information	5.4.25
Extension for network operator use	5.4.26
Network operator parameter	-

Clause 5.2.4

Replace table 5 by the following:

Table 5: Short Message Service message parameters

Parameter type	Reference (clause)
Date and Time	5.4.1
Calling Line Identity Or Reason for absence of Calling Line Identity	5.4.2 5.4.4
Calling Party Name Or Reason for absence of Calling Party Name	5.4.5 5.4.6
Complementary Calling Line Identity	5.4.11
Type of Forwarded call	5.4.15
Type of Calling User	5.4.16
Network Provider Identity	5.4.21
Selection of Terminal Function	5.4.23
Display Information	5.4.24
Service Information	5.4.25
Extension for network operator use	5.4.26
Network operator parameter	-

Annex A (informative):
Bibliography

Bellcore GR-30-Core (1994): "LSSGR: Voiceband Data Transmission Interface". Section 6.6.

History

Document history		
V1.3.1	January 2001	Publication as EN 300 659-3
V1.1.1	November 2001	Publication