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Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 18: Barring of Outgoing Calls (BOC)

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Terrestrial Trunked Radio (TETRA);
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Part 10: Supplementary services stage 1;
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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Project Terrestrial Trunked Radio (TETRA).

The present document is part 10, sub-part 18 of a multi-part deliverable covering Voice plus Data (V+D), as identified below:

EN 300 392-1: "General network design";

EN 300 392-2: "Air Interface (AI)";

EN 300 392-3: "Interworking at the Inter-System Interface (ISI)";

ETS 300 392-4: "Gateways basic operation";

EN 300 392-5: "Peripheral Equipment Interface (PEI)";

EN 300 392-7: "Security";

EN 300 392-9: "General requirements for supplementary services";

EN 300 392-10: "Supplementary services stage 1";

    EN 300 392-10-1: "Call Identification (CI)";

    ETS 300 392-10-2: "Call report";

    ETS 300 392-10-3: "Talking Party Identification (TPI)";

    EN 300 392-10-4: "Call Forwarding (CF)";

    ETS 300 392-10-5: "List Search Call (LSC)";

    EN 300 392-10-6: "Call Authorized by Dispatcher (CAD)";

    ETS 300 392-10-7: "Short number addressing";

    EN 300 392-10-8: "Area Selection (AS)";

    ETS 300 392-10-9: "Access priority";

    EN 300 392-10-10: "Priority Call (PC)";

    EN 300 392-10-11: "Call Waiting (CW)";

    EN 300 392-10-12: "Call Hold (CH)";

    ETS 300 392-10-13: "Call completion to busy subscriber";

    EN 300 392-10-14: "Late Entry (LE)";

ETS 300 392-10-15:   "Transfer of control";

EN 300 392-10-16:   "Pre-emptive Priority Call (PC)";

EN 300 392-10-17:   "Include Call (IC)";

EN 300 392-10-18:   "Barring of Outgoing Calls (BOC)";

EN 300 392-10-19:   "Barring of Incoming Calls (BIC)";

ETS 300 392-10-20:   "Discreet Listening (DL)";

EN 300 392-10-21:   "Ambience Listening (AL)";

EN 300 392-10-22:   "Dynamic Group Number Assignment (DGNA)";

ETS 300 392-10-23:   "Call completion on no reply";

ETS 300 392-10-24:   "Call Retention (CRT)";

EN 300 392-11:   "Supplementary services stage 2";

EN 300 392-12:   "Supplementary services stage 3";

ETS 300 392-13: "SDL model of the Air Interface (AI)";

ETS 300 392-14: "Protocol Implementation Conformance Statement (PICS) proforma specification";

TS 100 392-15:   "TETRA frequency bands, duplex spacings and channel numbering";

TS 100 392-16:   "Network Performance Metrics";

TS 100 392-17:   "TETRA V+D and DMO Release 1.1 specifications".

National transposition dates	
Date of adoption of this EN:	3 October 2003
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 July 2004
Date of withdrawal of any conflicting National Standard (dow):	31 July 2004

1   Scope

The present document defines the stage 1 specification of the Barring of Outgoing Call (BOC) supplementary service for the Trans-European Trunked Radio (TETRA). Stage 1 is an overall service description from the users point of view but does not deal with the details of the human interface itself.

The present document specifies the service description of the supplementary service and the procedures to be expected with successful and unsuccessful outcomes. In addition, the present document specifies the interactions with other TETRA supplementary services and interworking considerations.

Charging principles are outside the scope of the present document.

The Barring of Outgoing Call (BOC) supplementary service enables barring restriction for outgoing calls to be set.

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.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

[1]   ITU-T Recommendation Z.100: "Specification and Description Language (SDL)".

[2]   ETSI EN 300 392-10-4: "Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 4: Call Forwarding (CF)".

3   Definitions and abbreviations

3.1   Definitions

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

affected user: user whose outgoing service or services are barred

authorized user: user who is permitted to bar outgoing calls of defined users

bearer service: type of telecommunication service that provides the capability for the transmission of signals between user-network interfaces

Switching and Management Infrastructure (SwMI): all of the TETRA equipment for a Voice plus Data (V+D) network except for subscriber terminals

NOTE: The SwMI enables subscriber terminals to communicate with each other via the SwMI.

teleservice: type of telecommunications service that provides the complete capability, including terminal equipment functions, for communication between users according to agreed protocols