



**SLOVENSKI STANDARD**  
**SIST EN 300 392-10-19 V1.2.1:2003**  
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**Prizemni snopovni radio (TETRA) - Govor in podatki (V+D) - 10. del: Dopolnilne storitve stopnje 1 - 10.-19. del: Zapora dohodnih klicev (BIC)**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 19: Barring of Incoming Calls (BIC)

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# ETSI EN 300 392-10-19 V1.2.1 (2002-09)

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*European Standard (Telecommunications series)*

**Terrestrial Trunked Radio (TETRA);  
Voice plus Data (V+D);  
Part 10: Supplementary services stage 1;  
Sub-part 19: Barring of Incoming Calls (BIC)**

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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 19 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";**
  - Sub-part 1: "Call identification";
  - Sub-part 2: "Call report";
  - Sub-part 3: "Talking Party Identification (TPI)";
  - Sub-part 4: "Call Forwarding (CF)";
  - Sub-part 5: "List Search Call (LSC)";
  - Sub-part 6: "Call Authorized by Dispatcher (CAD)";
  - Sub-part 7: "Short number addressing";
  - Sub-part 8: "Area selection";
  - Sub-part 9: "Access priority";
  - Sub-part 10: "Priority Call (PC)";
  - Sub-part 11: "Call Waiting (CW)";
  - Sub-part 12: "Call Hold (CH)";
  - Sub-part 13: "Call completion to busy subscriber";
  - Sub-part 14: "Late Entry (LE)";

- Sub-part 15: "Transfer of control";
- Sub-part 16: "Pre-emptive priority call";
- Sub-part 17: "Include Call (IC)";
- Sub-part 18: "Barring of Outgoing Calls (BOC)";
- Sub-part 19: "Barring of Incoming Calls (BIC)";**
- Sub-part 20: "Discreet Listening (DL)";
- Sub-part 21: "Ambience Listening (AL)";
- Sub-part 22: "Dynamic Group Number Assignment (DGNA)";
- Sub-part 23: "Call completion on no reply";
- Sub-part 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";

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## 1 Scope

The present document defines the stage 1 specifications of the Barring of Incoming Calls (BIC) 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 inter-working considerations.

Charging principles are outside the scope of the present document.

The SS-BIC supplementary service enables barring restrictions for incoming calls to be set.

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## 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 ETS 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)".

[2] ITU-T Recommendation Z.100: "Specification and description language (SDL)".

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## 3 Definitions and abbreviations

### 3.1 Definitions

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

**access control:** prevention of unauthorized use of resources, including the use of a resource in an unauthorized manner

**affected user:** user whose incoming service or services are barred

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

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

**served user:** user who has the incoming calls barred

**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