



T ELENOR

S PECIFICATION

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Circuit-switched supplementary services

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1 Scope

The A44 specifications contain the details of all circuit-switched supplementary services that are implemented in Telenor's network.

Telenor Nett Specification A44-1 (1) and Telenor Nett Specification A44-2 (2) specifies the basic procedures used for the control of the supplementary services.

Generally, the supplementary services standardised by ETSI are based on the Generic Functional Protocol contained in Telenor Nett Specification A44-2 (2). Telenor Nett Specification A44-3 (3) specifies which supplementary services are available in Telenor's public ISDN based on ETSI standards, and also indicates which network option values Telenor has selected (if any).

The supplementary services specified by Telenor are based on the Generic Keypad Protocol contained in Telenor Nett Specification A44-1 (1). Telenor Nett Specification A44-4 (4) specifies which network-specific supplementary services are available in Telenor's public ISDN, using the Keypad Protocol.

In no event shall Telenor be liable to other parties for any direct, indirect, special, incidental, or consequential damages resulting from errors or defects in these specifications.

2 Normative references

- (1): Telenor Nett Specification A44-1, "DSS1 generic keypad protocol".
- (2): Telenor Nett Specification A44-2, "DSS1 generic functional protocol".
- (3): Telenor Nett Specification A44-3, "ETSI standardised supplementary services supported in the public ISDN of Telenor; Basic Access (BA) and Primary Rate Access (PRA)".
- (4): Telenor Nett Specification A44-4, "Supplementary services defined by Telenor and supported in the public ISDN of Telenor; Basic Access (BA) and Primary Rate Access (PRA)".

3 Definitions and abbreviations

ETSI European Telecommunications Standards Institute

4 Control procedures for supplementary services

Table 1 provides an overview of the control procedures that can be used in conjunction with the ISDN supplementary services that are implemented in Telenor's network. The stimulus-oriented procedures are based on the generic keypad protocol specified in Telenor Nett Specification A44-1 (1), and the functional procedures are as specified in Telenor Nett Specification A44-2 (2).

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Supplementary service	Keypad	Functional
Advice of charge (AOC)		X
Completion of Calls to Busy Subscriber (CCBS)		X
Diversion supplementary services	X	X
Call Hold (HOLD)		X
Call Waiting (CW)		X
Calling Line Identification Presentation (CLIP)		X
Calling Line Identification Restriction (CLIR)		X
Closed User Group (CUG)	X	X
Conference Call, Add-On (CONF)		X
Connected Line Identification Presentation (COLP)		X
Connected Line Identification Restriction (COLR)		X
Direct Dialling In (DDI)	NI	NI
Multiple Subscriber Number (MSN)	NI	NI
Explicit Call Transfer (ECT)		X
Malicious Call Identification (MCID)	X	X
Subaddressing (SUB)		X
Terminal Portability (TP)		X
Three-Party (3PTY)		X
User-to-User Signalling (UUS)		X
Alarm call (AC)	X	
Call forwarding to fixed announcements (CFFA)	X	
Call forwarding to fixed number (CFFN)	X	
Change of password (PW)	X	
Fixed destination call (FDC-T, FDC-I) (applies only to FDC-T)	X	
General deactivation (GD)	X	
Incoming call barring (ICB)	X	
Line hunting (LH) (control procedure applies only to reduced hunting)	X	
Outgoing call barring (OCB)	X	
Remote control (RC)	NI	NI
Queue service (QS)	NI	NI

NI: Control procedures are not implemented for this supplementary service.

Table 1: Overview of control procedures for each supplementary service

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5 HISTORY

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