

ISO/IEC 21888:2001-09 (E)

Information technology_ - Telecommunications and information exchange between systems_ - Private Integrated Services Network; Specification, functional model and information flows; Call Identification and Call Linkage Additional Network Feature

Contents	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Conformance	1
3 Normative references	1
4 Definitions	2
4.1 External definitions	2
4.2 Additional Network Feature (ANF)	3
4.3 ANF-CIDL user	3
4.4 Call	3
4.5 Call Identification Data, CIDL-Data	3
4.6 Call Linkage Data	3
4.7 Global Call Identification, Global Call ID, GID	3
4.8 Leg Identification, Leg ID, LID	3
4.9 Thread Identification, Thread ID, TID	3
5 List of acronyms	3
6 ANF-CIDL stage 1 specification	4
6.1 Description	4
6.1.1 General description	4
6.1.2 Qualifications on applicability to telecommunication services	4
6.2 Procedure	4
6.2.1 Provision/withdrawal	4
6.2.2 Normal procedures	4
6.2.3 Exceptional procedures	4
6.3 Interaction with other supplementary services and ANFs	4
6.3.1 Calling Line Identification Presentation (SS-CLIP)	5
6.3.2 Connected Line Identification Presentation (SS-COLP)	5
6.3.3 Calling/Connected Line Identification Restriction (SS-CLIR)	5
6.3.4 Calling Name Identification Presentation (SS-CNIP)	5
6.3.5 Calling Name Identification Restriction (SS-CNIR)	5
6.3.6 Connected Name Identification Presentation (SS-CONP)	5
6.3.7 Completion of Call to Busy Subscriber (SS-CCBS)	5
6.3.8 Completion of Call on No Reply (SS-CCNR)	5
6.3.9 Call Transfer (SS-CT)	5
6.3.10 Call Forwarding Unconditional (SS-CFU)	5
6.3.11 Call Forwarding Busy (SS-CFB)	5
6.3.12 Call Forwarding No Reply (SS-CFNR)	5
6.3.13 Call Deflection (SS-CD)	5
6.3.14 Path Replacement (ANF-PR)	5
6.3.15 Call Offer (SS-CO)	6
6.3.16 Call Intrusion (SS-CI)	6
6.3.17 Do not Disturb (SS-DND)	6
6.3.18 Do not Disturb Override (SS-DNDO)	6
6.3.19 Advice of Charge (SS-AOC)	6
6.3.20 Recall (SS-RE)	6

6.3.21	Call Interception (ANF-CINT)	6
6.3.22	Transit Counter (ANF-TC)	6
6.3.23	Route Restriction Class (ANF-RRC)	6
6.3.24	Message Waiting Indication (SS-MWI)	6
6.3.25	Wireless Terminal Location Registration (SS-WTLR)	6
6.3.26	Wireless Terminal Incoming Call (ANF-WTMI)	6
6.3.27	Wireless Terminal Outgoing Call (ANF-WTMO)	7
6.3.28	Wireless Terminal Authentication of a WTM User (SS-WTAT)	7
6.3.29	Wireless Terminal Authentication of the PISN (SS-WTAN)	7
6.3.30	Private User Mobility Incoming Call (ANF-PUMI)	7
6.3.31	Private User Mobility Outgoing Call (ANF-PUMO)	7
6.3.32	Private User Mobility Registration (SS-PUMR)	7
6.3.33	Common Information (ANF-CMN)	7
6.3.34	Call Priority Interruption (Protection) (SS-CPI(P))	7
6.3.35	Single Step Call Transfer (SSCT)	7
6.3.36	Other interactions	7
6.4	Interworking considerations	7
6.5	Overall SDL	7
7	ANF-CIDL stage 2 specification	8
7.1	Functional model	8
7.1.1	Functional model description	8
7.1.2	Description of functional entities	9
7.1.3	Example relationship of functional model to Basic Call functional model	9
7.2	Information flows	9
7.2.1	Definition of information flows	9
7.2.2	Examples of information flow sequences	10
7.3	Functional Entity actions	12
7.3.1	Functional Entity actions of FE1	12
7.3.2	Functional Entity actions of FE2	12
7.3.3	Functional Entity actions of FE3	12
7.4	Functional Entity behaviour	12
7.4.1	Behaviour of FE1	13
7.4.2	Behaviour of FE2	14
7.4.3	Behaviour of FE3	15
7.5	Allocation of Functional Entities to physical equipment	16
7.6	Interworking considerations	16