ISO/IEC 14843:2003-04 (E)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Offer supplementary service

Contents

Foreword		**v**
Introduction		**vi**
1	Scope	**1**
2	Conformance	**1**
3	Normative references	**1**
4	Terms and definitions	**2**
4.1	External definitions	**2**
4.2	Other definitions	**2**
4.2.1	Inter-PINX link	**2**
4.2.2	Path retention	**3**
4.2.3	Served User PINX	**3**
5	Acronyms	**3**
6	Signalling protocol for the support of SS-CO	**3**
6.1	SS-CO description	**3**
6.2	SS-CO operational requirements	**3**
6.2.1	Requirements on an Originating PINX	**3**
6.2.2	Requirements on a Terminating PINX	**3**
6.2.3	Requirements on a Transit PINX	**3**
6.3	SS-CO coding requirements	**4**
6.3.1	Operations	**4**
6.3.2	Notifications	**6**
6.3.3	Information elements	**7**
6.3.4	Messages	**7**
6.4	SS-CO state definitions	**7**
6.4.1	States at the Originating PINX	**7**
6.4.2	States at the Terminating PINX	**7**
6.5	SS-CO signalling procedures for activation, deactivation and registration	**7**
6.6	SS-CO signalling procedures for invocation and operation	**7**
6.6.1	Actions at the Originating PINX	**8**
6.6.2	Actions at the Terminating PINX	**8**
6.6.3	Actions at a Transit PINX	**9**
6.7	SS-CO impact of interworking with public ISDNs	**9**
6.8	SS-CO impact of interworking with non-ISDNs	**9**
6.9	Protocol interactions between SS-CO and other supplementary services and ANFs	**10**
6.9.1	Interaction with Calling Name Identification Presentation (SS-CNIP)	**10**
6.9.2	Interaction with Connected Name Identification Presentation (SS-CONP)	**10**
6.9.3	Interaction with Call Completion to Busy Subscriber (SS-CCBS)	**10**
6.9.4	Interaction with Call Completion on No Reply (SS-CCNR)	**10**
6.9.5	Interaction with Call Transfer (SS-CT)	**10**
6.9.6	Interaction with Call Forwarding Unconditional (SS-CFU)	**10**
6.9.7	Interaction with Call Forwarding Busy (SS-CFB)	**11**
6.9.8	Interaction with Call Forwarding No Reply (SS-CFNR)	**11**

6.9.9 Interaction with Path Replacement (ANF-PR) **12**
6.9.10 Interaction with Do Not Disturb (SS-DND) **12**
6.9.11 Interaction with Do Not Disturb Override (SS-DNDO) **12**
6.9.12 Interaction with Call Intrusion (SS-CI) **12**

6.10 SS-CO parameter values (timers) **12**

6.10.1 Timer T1 **12**

Annexes

A - Signalling protocol for the support of Path Retention **13**

B - Protocol Implementation Conformance Statement (PICS) proforma **22**

C - Examples of message sequences **28**

D - Specification and Description Language (SDL) representation of procedures **32**

E - Imported ASN.1 definitions **35**

F - ASN.1 definitions according to ITU-T Recs. X.208 / X.209 **36**