ISO/IEC 17309:2000-09 (E)

Information technology - Telecommunications and information exchange between systems; Private integrated Services Network - Mapping functions for the employment of a circuit mode basic service and the supplementary service user-to-user signalling as a pair of on-d emand inter-PINX connections

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Conformance 1

3 Normative references 1

4 Definitions 2
4.1 External definitions 2
4.2 Special definitions 2
4.2.1 Calling PINX 2
4.2.2 Called PINX 2
4.2.3 Channel 2
4.2.4 Inter-PINX Connection 2
4.2.5 Inter-PINX Link 2

5 List of acronyms 2

6 Introduction 3

7 Capabilities at the Q reference point 3

8 Mapping functions 3
8.1 Physical adaptation 4
8.1.1 ISDN primary rate user-network Layer 1 interface (1544 kbit/s) 4
8.1.2 ISDN primary rate user-network Layer 1 interface (2048 kbit/s) 4
8.1.3 ISDN basic user-network Layer 1 interface 4
8.2 Mapping matrix 5
8.2.1 Channel allocation 5
8.2.2 Bearer conditioning for the DQ-channel 5

9 IPC control functions 5
9.1 IPC establishment 5
9.2 IPC clearing 6

10 IPL control functions 6
10.1 Static pre-conditions for IPL establishment 6
10.2 IPL establishment 6
10.3 Transfer of inter-PINX signalling Layer 2 information 6
10.4 Use of message segmentation 6

Annex A Implementation Conformance Statement (ICS) Proforma 7