

Contents

Preface	Preface-1
1. Introduction	1-1
1.1 Definition	1-1
1.1.1 Purpose	1-1
1.1.2 Wording Conventions	1-2
1.2 Background	1-2
1.3 High Level Feature Description	1-3
1.3.1 Basic Provisions	1-3
1.3.2 Optional Provisions	1-5
1.3.2.1 General	1-5
1.3.2.2 SPCS to MDRS Feature Description	1-6
1.3.2.3 MDRS to CPS	1-6
2. User Perspective	2-1
2.1 General	2-1
2.2 Performance	2-1
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Dedicated Access	3-1
3.1.1.1 Physical Layer	3-1
3.1.1.2 Link Layer	3-2
3.1.1.3 Network Layer	3-4
3.1.2 Dial Access	3-4
3.1.2.1 Physical Layer	3-4
3.1.2.2 Link Layer	3-5
3.1.2.3 Network Layer	3-5
3.1.3 PPSN Direct Access	3-5
3.1.3.1 Physical Layer	3-6
3.1.3.2 Link Layer	3-6
3.1.3.3 Network Layer Interface	3-6
3.1.3.4 Network Layer Options	3-8
3.1.4 ISDN Direct Access	3-15
3.1.4.1 B Channel Access	3-15
3.1.4.2 D Channel Access	3-15
3.1.5 Dial-in Access to the PPSN	3-16
3.1.6 Application Layer	3-18
3.1.7 Other Feature Operations	3-19
3.1.8 Release Treatment	3-19
3.1.9 Interrupt Treatment	3-19
3.1.10 Error Treatment and Abnormal Events	3-19
3.2 Internal Call Processing Controls	3-19
3.3 Signaling	3-19
3.4 Transmission	3-19

3.5 Administration	3-19
3.6 Maintenance	3-19
3.7 Performance	3-19
3.8 Interactions	3-19
3.9 Limitations and Restrictions	3-19
3.10 Timing and Tolerances	3-19
4. Feature Flow Diagram	4-1
References	References-1
Glossary	Glossary-1

List of Figures

Figure 1.	Present Architecture	4-1
Figure 2.	Proposed Architecture	4-2
Figure 3(a).	Interface Reference Model and Terminology Conventions . . .	4-3
Figure 3(b).	Interface Reference Model and Terminology Conventions . . .	4-4

List of Tables

Table 4-1. Connection Types for MDR Access 4-5