

Table of Contents

1 Introduction

1.1 General	1-1
1.2 Purpose	1-1
1.3 End-User-to-End-User Special Access Service	1-1
1.4 Reason for Reissue	1-2
1.5 Applicability of Technical Requirements	1-2
1.6 Alternative Arrangements	1-2
1.7 Document Organization	1-2
1.8 Terminology	1-3

2 General Information

2.1 Services	2-1
2.1.1 Access Service DA1	2-1
2.1.2 Access Service DA2	2-1
2.1.3 Access Service DA3	2-1
2.1.4 Access Service DA4	2-1
2.1.5 Access Service DA5	2-1
2.1.6 Access Service DA6	2-2
2.2 Optional Features	2-2
2.2.1 Loop Transfer Arrangement	2-2
2.2.2 Bridging Arrangement	2-2
2.2.3 Secondary Channel	2-2

3 Network Channel Interface (NCI) Codes and Combinations

3.1 NCI Code Components	3-1
3.1.1 Total Conductors (04)	3-1
3.1.2 Protocol Code (DU)	3-1
3.1.3 Nominal Reference Impedance (5)	3-1
3.1.4 Protocol Option (24)	3-2
3.1.5 High-Capacity Interfaces	3-2
3.2 NCI Code Selection	3-2

4 Technical Requirements

4.1 General	4-1
4.2 Reference Model	4-1
4.2.1 Performance Level for Digital Data Special Access	4-2
4.2.2 Service Acceptance Limit	4-2
4.2.3 Trouble Verification Limit	4-2
4.2.4 Pattern-Sensitivity Test	4-3
4.2.5 Other Tests	4-3
4.2.6 Availability	4-4
4.3 Illustrative Applications	4-4
4.3.1 Access Service DA1	4-4
4.3.2 Access Service DA2	4-4
4.3.3 Access Service DA3	4-4

4.3.4 Access Service DA4 4-5
 4.3.5 Access Service DA5 4-5
 4.3.6 Access Service DA6 4-5

5 Interface Illustrations

5.1 Interface Types 04DS9-XXX and 04CS9-XXX 5-1
 5.2 Interface Types 06DU5-24, 06DU5-48, 06DU5-96, and 06DU5-56 5-2
 5.3 Interface Types 04DU5-19, 04DU5-24, 04DU5-48, 04DU5-96, 04DU5-56, and
 04DU5-64 5-3
 5.4 Interface Types 04DU5-19S, 04DU5-24S, 04DU5-48S, 04DU5-96S, and
 04DU5-56S 5-4

Appendix A: References

A.1 Telcordia Documents A-1

Appendix B: Glossary



List of Figures

Figure 4-1	Digital Data Special Access Reference Model	4-1
Figure 5-1	Interface Types 04DS9-XXX and 04CS9-XXX	5-1
Figure 5-2	Interface Types 06DU5-24, 06DU5-48, 06DU5-96, and 06DU5-56 . . .	5-2
Figure 5-3	Interface Types 04DU5-19, 04DU5-24, 04DU5-48, 04DU5-96 04DU5-56, and 04DU5-64	5-3
Figure 5-4	Interface Types 04DU5-19S, 04DU5-24S, 04DU5-48S, 04DU5-96S, and 04DU5-56S	5-5

List of Tables

Table 3-1	Glossary of Protocol Codes and Selected Options	3-3
Table 3-2	Compatible Interface Combinations	3-4
Table 4-1	Digital Data Special Access Long-Term Objectives	4-2