

Contents

Telcordia GR-1507 - Documentation Information

| | |
|--|------|
| Generic Requirement Notice of Disclaimer | iii |
| Preface | vii |
| 1. Introduction | 1-1 |
| 1.1 Summary | 1-1 |
| 1.2 Scope | 1-1 |
| 1.3 Organization of Document | 1-2 |
| 1.4 Definitions and Assumptions | 1-2 |
| 1.5 High-Level Feature Description | 1-3 |
| 1.5 Requirements Terminology | 1-7 |
| 1.6 Changes From TA-NWT-001507 | 1-7 |
| 2. User Perspective | 2-1 |
| 2.1 Activation/Deactivation User | 2-1 |
| 2.2 Remote Calling Party | 2-1 |
| 3. Feature Requirements | 3-1 |
| 3.1 Feature Operation | 3-1 |
| 3.1.1 Signals | 3-1 |
| 3.1.2 Procedures for Determination of Layer 1 Power Status | 3-1 |
| 3.1.3 Procedures for Timer Tpower | 3-2 |
| 3.1.4 Procedures for Deactivation | 3-4 |
| 3.1.4.1 Deactivation for Packet Mode Data | 3-5 |
| 3.1.5 Activation | 3-5 |
| 3.1.5.1 Activation by SPCS | 3-5 |
| 3.1.5.2 Activation by CPE | 3-9 |
| 3.2 Error Treatment and Abnormal Events | 3-9 |
| 3.3 Administration/Operations | 3-10 |
| 3.3.1 Memory Administration (Service Changes/Subscription Parameters) | 3-10 |
| 3.3.2 Network Maintenance | 3-11 |
| 3.3.2.1 Surveillance | 3-11 |
| 3.3.2.2 Testing | 3-13 |
| 3.3.3 Network Data Collection (NDC) | 3-13 |
| 3.3.4 Network Traffic Management (NTM) | 3-14 |
| 3.3.5 Access Line State | 3-14 |
| 3.4 Service Standards | 3-15 |
| 3.5 Interactions | 3-15 |
| 3.6 Limitations and Restrictions | 3-15 |
| 3.7 Timers | 3-16 |
| Appendix A: References | A-1 |
| Appendix B: Acronyms | B-1 |

List of Figures

Figure 1: Layer 1 Activation/Deactivation Flow Diagram 1-6