
Generic Requirements for Automated SPID Selection

Contents

Preface	Preface-1
1. Introduction	1-1
1.1 Purpose and Scope	1-1
1.2 Background	1-2
1.3 Terminal Assumptions	1-5
1.4 Requirements Terminology	1-5
1.5 Requirement Labeling Conventions	1-6
1.5.1 Numbering of Requirement and Related Objects	1-6
1.5.2 Requirement, Conditional Requirement, and Objective Object Identification	1-7
2. General Information	2-1
2.1 High-Level Feature Description	2-1
2.2 Terminal Perspective	2-2
2.3 User Perspective	2-4
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Main Feature Operations	3-1
3.1.2 Relationship with Call Processing	3-6
3.1.3 Error Treatment and Abnormal Events	3-7
3.2 Internal Call-Processing Controls	3-9
3.3 Signaling/Message Structure	3-10
3.4 Administration/Operations	3-12
3.4.1 Memory Administration (Service Changes/Subscription Parameters) 3-13	
3.4.2 Network Maintenance	3-13
3.4.2.1 Surveillance	3-14
3.4.2.2 Testing	3-14
3.4.3 Network Data Collection (NDC)	3-14
3.4.4 Network Traffic Management (NTM)	3-16
3.4.5 Billing and Comptroller	3-16
3.5 Interactions	3-16
3.6 Limitations and Restrictions	3-17
3.7 Timing and Tolerances	3-17
4. Line Diagrams	4-1

References References-1
Glossary Glossary-1

List of Figures

Figure 4-1.	Auto-SPID Message Sequence	4-1
Figure 4-2.	Flow Diagram for Terminal Processing of Auto-SPID Response (Sheet 1 of 2)	4-2
Figure 4-2.	Flow Diagram for Terminal Processing of Auto-SPID Response (Sheet 2 of 2)	4-3

List of Tables

Table 1-1.	Generic SPID Format	1-3
Table 3-1.	User Request for Auto-SPID or Terminal Initialization (User-to-Network INFOrmation Message).....	3-10
Table 3-2.	Network Response to Auto-SPID Request (Network-to-User INFOrmation Message).....	3-11
Table 3-3.	Network Response to Terminal Initialization Request (Network-to-User INFOrmation Message).....	3-12