

Contents

Preface	Preface-1
1. Basic 911 Emergency Service	FSD 15-01-0000
2. Call Tracing	FSD 15-03-0000
3. Group Alerting Service	FSD 15-07-0000



Performance from Experience

LSSGR: Basic 911 Emergency Service (FSD 15-01-0000)

A Module of LSSGR, FR-64

Telcordia Technologies Generic Requirements
GR-529-CORE
Issue 1
June 2000
(Formerly TR-TSY-000529, Issue 2, July 1987)

Comments Requested (See Preface)

Contents

[Telcordia GR-529-Documentation Information](#)

Preface	Preface-1
1. Introduction	1-1
1.1 Definition	1-1
1.2 Background	1-1
1.3 High Level Feature Description	1-2
2. User Perspective	2-1
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Main Feature Operations	3-1
3.1.2 Other Feature Operations	3-2
3.1.3 Release Treatment	3-2
3.1.4 Interrupt Treatment	3-2
3.1.5 Error Treatment and Abnormal Events	3-4
3.1.5.1 System Response to Irregular User Action	3-5
3.1.5.2 System Response to Internal Failures	3-5
3.2 Internal Call Processing Controls	3-6
3.2.1 Connections	3-6
3.2.2 Class of Service	3-6
3.2.3 Code Interpretation	3-6
3.2.4 Screening	3-6
3.2.5 Routing	3-6
3.2.6 Charge Treatment Determination	3-6
3.2.7 Overload	3-7
3.3 Signaling	3-7
3.3.1 Customer Loop	3-7
3.3.2 Customer Signaling	3-7
3.3.3 Intersystem dc Signaling	3-7
3.3.4 Intersystem ac Signaling	3-7
3.3.5 Operator Services Signaling	3-7
3.4 Transmission	3-8
3.5 Administration	3-8
3.5.1 Service Changes	3-8
3.5.2 Installation	3-8
3.5.3 Modification or Retrofit	3-8
3.5.4 Person/System Interface	3-8
3.5.5 Traffic Measurements	3-8
3.5.6 Maintenance Measurements	3-8
3.5.7 Network Management	3-8
3.5.8 Billing and Comptroller	3-9
3.5.9 Quantities	3-9
3.5.10 Data Items and Usage	3-9
3.6 Maintenance	3-9

3.6.1	Automated System Maintenance	3-9
3.6.2	Manual System Maintenance	3-9
3.6.3	Line Maintenance	3-10
3.6.4	Trunk Maintenance	3-10
3.6.5	Input/Output Messages	3-10
3.6.6	Customer Tests	3-10
3.7	Performance	3-10
3.8	Interactions	3-10
3.9	Limitations and Restrictions	3-10
3.10	Timing and Tolerances	3-10
4.	Feature Flow Diagram	4-1
	Appendix A: Basic Emergency Service (911) Feature Interactions	A-1
	References	References-1
	Glossary	Glossary-1



Performance from Experience

LSSGR: Call Tracing (FSD 15-03-0000)

A Module of LSSGR, FR-64

Telcordia Technologies Generic Requirements
GR-529-CORE
Issue 1
June 2000
(Formerly TR-TSY-000529, Issue 2, July 1987)

Comments Requested (See Preface)

Contents

Preface	Preface-1
1. Introduction	1-1
1.1 Definition	1-1
1.2 Background	1-1
1.3 High Level Feature Description	1-1
2. User Perspective	2-1
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Main Feature Operations	3-1
3.1.2 Other Feature Operations	3-1
3.1.3 Release Treatment	3-1
3.1.4 Interrupt Treatment	3-1
3.1.5 Error Treatment and Abnormal Events	3-1
3.2 Internal Call Processing Controls	3-1
3.2.1 Connections	3-1
3.2.2 Class of Service	3-1
3.2.3 Code Interpretation	3-2
3.2.4 Screening	3-2
3.2.5 Routing	3-2
3.2.6 Charge Treatment Determination	3-2
3.2.7 Overload	3-2
3.3 Signaling	3-2
3.4 Transmission	3-2
3.5 Administration	3-2
3.5.1 Service Changes	3-2
3.5.2 Installation	3-2
3.5.3 Modification or Retrofit	3-2
3.5.4 Person/System Interface	3-2
3.5.5 Traffic Measurements	3-3
3.5.6 Maintenance Measurements	3-3
3.5.7 Network Management	3-3
3.5.8 Billing and Comptroller	3-3
3.5.9 Quantities	3-3
3.5.10 Data Items and Usage	3-3
3.6 Maintenance	3-3
3.6.1 Automated System Maintenance	3-3
3.6.2 Manual System Maintenance	3-3
3.6.3 Line Maintenance	3-3
3.6.4 Trunk Maintenance	3-3
3.6.5 Input/Output Messages	3-4
3.6.6 Customer Tests	3-4
3.7 Performance	3-4

3.8 Interactions 3-4
3.9 Limitations and Restrictions 3-4
3.10 Timing and Tolerances 3-4
4. Feature Flow Diagram 4-1
References References-1
Glossary Glossary-1

List of Figures

Figure 1.	In-Progress Call Trace	4-1
Figure 2.	Terminating Call Trace	4-2
Figure 3.	Tandem Call Trace	4-3
Figure 4.	Outgoing Call Trace	4-4



Performance from Experience

LSSGR: Group Alerting Service (FSD 15-07-0000)

A Module of LSSGR, FR-64

Telcordia Technologies Generic Requirements
GR-529-CORE
Issue 1
June 2000
(Formerly TR-TSY-000529, Issue 2, July 1987)

Comments Requested (See Preface)

Contents

Preface	Preface-1
1. Introduction	1-1
1.1 Definition	1-1
1.2 Background	1-1
1.3 High Level Feature Description	1-1
2. User Perspective	2-1
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Main Feature Operations	3-1
3.1.2 Other Feature Operations	3-2
3.1.3 Release Treatment	3-2
3.1.4 Interrupt Treatment	3-2
3.1.5 Error Treatment and Abnormal Events	3-2
3.2 Internal Call Processing Controls	3-3
3.3 Signaling	3-3
3.3.1 Customer Loop	3-3
3.3.2 Customer Signaling	3-3
3.3.3 Intersystem dc Signaling	3-3
3.3.4 Intersystem ac Signaling	3-3
3.3.5 Operator Services Signaling	3-3
3.4 Administration	3-3
3.4.1 Service Changes	3-3
3.4.2 Installation	3-4
3.4.3 Modification or Retrofit	3-4
3.4.4 Person/System Interface	3-4
3.4.5 Traffic Measurements	3-4
3.4.6 Maintenance Measurements	3-4
3.4.7 Network Management	3-4
3.4.8 Billing and Comptroller	3-4
3.4.9 Quantities	3-4
3.4.10 Data Items and Usage	3-4
3.5 Maintenance	3-5
3.5.1 Automated System Maintenance	3-5
3.5.2 Manual System Maintenance	3-5
3.5.3 Line Maintenance	3-6
3.5.4 Trunk Maintenance	3-6
3.5.5 Input/output Messages	3-6
3.5.6 Customer Tests	3-6
3.6 Performance	3-6
3.7 Interactions	3-6
3.8 Limitations and Restrictions	3-6
3.9 Timing and Tolerances	3-6

4. Feature Flow Diagram 4-1
References References-1

List of Figures

Figure 1. Group Alerting Service	4-1
--	-----