

Contents [Telcordia GR-738-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	1-1
2. User Perspective	2-1
3. Feature Requirements	3-1
3.1 Feature Operations	3-1
3.1.1 Main Feature Operations	3-1
3.1.1.1 Sampling Method	3-1
3.1.1.2 Control Counter	3-1
3.1.1.3 Sampling Rate Selection and Adjustment	3-2
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
3.2.1 Connections	3-3
3.2.2 Class of Service	3-3
3.2.3 Code Interpretation	3-3
3.2.4 Screening	3-3
3.2.5 Routing	3-3
3.2.6 Charge Treatment Determination	3-3
3.2.7 Overload	3-3
3.2.7.1 Detail Record AMA Register Availability	3-3
3.2.7.2 AMA Register Congestion	3-4
3.3 Signaling	3-4
3.4 Transmission	3-4
3.5 Administration	3-4
3.5.1 Service Changes	3-5
3.5.2 Installation	3-5
3.5.3 Modification or Retrofit	3-5
3.5.4 Person/System Interface	3-6
3.5.4.1 Verification Messages	3-6
3.5.4.2 Data Schedule	3-6
3.5.4.3 Trunk Group Specification	3-6
3.5.4.4 10-Digit Call Screen Status	3-7
3.5.4.5 Sample Size Parameter	3-7
3.5.5 Traffic Measurements	3-7
3.5.6 Maintenance Measurements	3-8
3.5.7 Network Management	3-8
3.5.8 Billing and Comptroller	3-8

3.5.8.1	PTP Call Record Generation	3-8
3.5.8.2	Record Format	3-8
3.5.8.3	Daily PTP Status Message	3-11
3.5.8.4	Hourly PTP Sampling Message	3-12
3.5.8.5	Change of Parameter Message	3-12
3.5.8.6	AMA Register Exhaust	3-13
3.5.9	Quantities	3-13
3.5.10	Data Items and Usage	3-13
3.6	Maintenance	3-13
3.6.1	Automated System Maintenance	3-13
3.6.2	Manual System Maintenance	3-13
3.6.3	Line Maintenance	3-13
3.6.4	Trunk Maintenance	3-14
3.6.5	Input/Output Messages	3-14
3.6.6	Customer Tests	3-14
3.7	Performance	3-14
3.7.1	Real Time	3-14
3.7.2	AMA Register Occupancy	3-14
3.8	Interactions	3-14
3.9	Limitations and Restrictions	3-14
3.9.1	Unusual Feature Operation	3-15
3.9.2	Restriction Capability	3-15
3.10	Timing and Tolerances	3-15
4.	Feature Flow Diagram	4-1
	Glossary	Glossary-1
	References	References-1

List of Figures

Figure 1.	Feature Flow Diagram	4-2
-----------	--------------------------------	-----