

## Contents

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 . . . . .	3-2
3.2.1	Connections . . . . .	3-2
3.2.2	Class of Service . . . . .	3-2
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 . . . . .	3-3
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	Transmission . . . . .	3-3
3.5	Administration . . . . .	3-4
3.5.1	Service Changes . . . . .	3-4
3.5.2	Installation . . . . .	3-4
3.5.3	Modification or Retrofit . . . . .	3-4
3.5.4	Person/System Interface . . . . .	3-4
3.5.5	Traffic Measurements . . . . .	3-4
3.5.6	Maintenance Measurements . . . . .	3-4
3.5.7	Network Management . . . . .	3-4
3.5.8	Billing and Comptroller . . . . .	3-4
3.5.9	Quantities . . . . .	3-5
3.5.10	Data Items and Usage . . . . .	3-5
3.6	Maintenance . . . . .	3-5
3.6.1	Automated System Maintenance . . . . .	3-5
3.6.2	Manual System Maintenance . . . . .	3-6
3.6.3	Line Maintenance . . . . .	3-6
3.6.4	Trunk Maintenance . . . . .	3-6

3.6.5	Input/Output Messages . . . . .	3-6
3.6.6	Customer Tests . . . . .	3-6
3.7	Performance . . . . .	3-6
3.8	Interactions . . . . .	3-6
3.9	Limitations and Restrictions . . . . .	3-6
3.10	Timing and Tolerances . . . . .	3-6
4.	Feature Flow Diagram . . . . .	4-1
	Appendix A: Customer Premises Message Registers Feature Interactions . . .	A-1
	References . . . . .	References-1
	Glossary . . . . .	Glossary-1

## List of Figures

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