

TABLE OF CONTENTS (Continued)

<u>Section</u>	<u>Title</u>
7.3	Paxsat Radar Analysis
7.3.1	Introduction
7.3.2	Ground Based Radar System
7.3.2.1	Summary of Ground Based Radar
7.3.3	Existing Spaceborne Radars
7.3.4	Special Purpose Paxsat Space Segment Radar
7.3.4.1	Systems Trade-Offs
7.3.4.2	Example C-Band Design
7.3.4.3	Example Ku-Band Design
7.3.4.4	Technological Choices/ Alternatives
7.3.4.5	Summary of Paxsat Space
7.3.4.6	Segment Radar
8.0	A PROGRAM PLAN FOR THE PAXSAT SYSTEM
8.1	Introduction
8.2	System Elements
8.3	Paxsat Program Plan
9.0	CONCLUSION
10.0	REFERENCES

LIST OF APPENDICES

APPENDIX A	SATELLITE LAUNCH SUMMARY 1980-1983 AD
APPENDIX B	MISSION ANALYSIS ANNEX
APPENDIX C	BASIC PRINCIPLES AND DESCRIPTIVE PARAMETERS IN PHYSICAL OPTICS
APPENDIX D	A POSSIBLE PAXSAT COMPUTER