

**STORED PROGRAM CONTROL
PROPOSED SOFTWARE DOCUMENTATION REQUIREMENTS
for C.O.SWITCHING SYSTEMS**

CONTENTS

1.0 GENERAL	1
1.1 Purpose and Scope of This Document	1
1.2 Organization of This Document	1
1.3 Documentation Responsibilities	1
1.4 Usage Rules	1
2.0 DOCUMENT SELECTION CRITERIA	3
2.1 Stored Program Control (SPC) Systems	3
2.2 Firmware-Based Programs	3
2.3 Document Selection Criteria	3
3.0 DOCUMENT REQUIREMENTS	5
3.1 System Index	5
3.2 System Description	15
3.3 Program Listing	15
3.4 Supplementary Information	29
3.5 Trouble Locating Manual	43
3.6 Input Message Manual	55
3.7 Output Message Manual	69
3.8 User Guide	83
3.9 Operating Instruction	84
3.10 Microcode Program Listing	87
3.11 Translation Guide	94
4.0 DOCUMENT FORMAT REQUIREMENTS	95
4.1 Format Requirements	95

LIST OF FIGURES

Figure 3-1. Title Page	7
Figure 3-2. Issue Notes Page	8
Figure 3-3. General Information Page	9
Figure 3-4. Manuals Page	10
Figure 3-5. Supplementary Information Page	11
Figure 3-6. Program Documents Page	12
Figure 3-7. Microcode Program Listing Documents Page	13
Figure 3-8. Table A - Generic Program Compatibility Page	14
Figure 3-9. Program Listing Structure	20
Figure 3-10. Assembly Unit Prologue Page	21
Figure 3-11. Program Unit Prologue Page	22
Figure 3-12. Program Unit Listing Page	23
Figure 3-13. Program Unit Listing Page (Block and Individual Code Lines)	24
Figure 3-14. Appended Assembly Unit Prologue Page	25
Figure 3-15. Appended Program Unit Listing Page	26
Figure 3-16. Temporary Change Program Listing	27
Figure 3-17. Program Change Listing Page	28
Figure 3-18. First Index Page	33
Figure 3-19. Succeeding Index Pages	34
Figure 3-20. Application Section Page	35
Figure 3-21. Map, Data Section Page	36
Figure 3-22. Compool Data Section Page	37
Figure 3-23. Raw Data Form	38
Figure 3-24. Raw Data Form	39
Figure 3-25. Raw Data Form	40
Figure 3-26. Test Access Data Section Page	41
Figure 3-27. Data Layout Data Section Page	42
Figure 3-28. First Index Page	46
Figure 3-29. Succeeding Index Page	47
Figure 3-30. Application Section Page	48
Figure 3-31. Conversion Section Page - Visual or Audible Condition	49

Figure 3-32. Conversion Section Page - System Printout	50
Figure 3-33. Initial Translation Page	51
Figure 3-34. Initial Translation Page - Continued Trouble Number	52
Figure 3-35. Secondary Translation Page	53
Figure 3-36. Supplementary Information Page	54
Figure 3-37. First Index Page	60
Figure 3-38. Succeeding Index Page	61
Figure 3-39. Channel Manual Index Page	62
Figure 3-40. Application Section Page - Topical Index to Messages	63
Figure 3-41. Application Section Page - List of I/O Channels	64
Figure 3-42. Input Message Page	65
Figure 3-43. Machine-Generated Input Message Page INH:TSI	66
Figure 3-44. Supplementary Message Information Page	67
Figure 3-45. Input Message Manual Addendum Page	68
Figure 3-46. First Index Page	73
Figure 3-47. Succeeding Index Page	74
Figure 3-48. Channel Manual Index Page	75
Figure 3-49. Application Section Page - List of I/O Channels	76
Figure 3-50. Output Message - First Page	77
Figure 3-51. Output Message - Second Page	78
Figure 3-52. Machine-Generated Output Message - First Page	79
Figure 3-53. Machine-Generated Output Message - Second Page	80
Figure 3-54. Supplementary Message Information Page	81
Figure 3-55. Output Message Manual Addendum Page	82
Figure 3-56. Index Page	90
Figure 3-57. Source Code Listing Page	91
Figure 3-58. Object Code Listing Page	92
Figure 3-59. Microcode Partitioning Information Page	93
Figure 4-1. Index Page	98
Figure 4-2. First Text Page	99
Figure 4-3. Succeeding Text Page	100