Computer Programming Manual (CPM)

Development Team

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1. Scope

1.1 Identification

CPM-001: Manual Identification - The manual **shall** be identified by the following information: - **Manual Name**: [Manual Name] - **Manual Identifier**: [CPM-001] - **Version**: 1.0 - **Classification**: [Unclassified/Classified Level]

1.2 Manual Overview

CPM-002: Manual Purpose - The manual **shall** provide programming guidelines and standards - The manual **shall** describe coding conventions and practices - The manual **shall** cover development tools and environments

2. Referenced Documents

CPM-003: Referenced Standards - MIL-STD-498: Software Development and Documentation - [Other applicable standards]

3. Programming Standards

3.1 Coding Conventions

CPM-004: Code Style - The manual **shall** define naming conventions - The manual **shall** specify code formatting rules - The manual **shall** describe comment standards

3.2 Programming Practices

CPM-005: Best Practices - The manual **shall** describe secure coding practices - The manual **shall** include error handling guidelines - The manual **shall** provide performance optimization tips

4. Development Environment

CPM-006: Tools and Environment - The manual **shall** describe required development tools - The manual **shall** specify IDE configuration - The manual **shall** include build system setup

5. Testing Guidelines

CPM-007: Testing Standards - The manual **shall** describe unit testing requirements - The manual **shall** include integration testing procedures - The manual **shall** provide code review guidelines

6. Notes

- **CPM**: Computer Programming Manual
- **IDE**: Integrated Development Environment