|  |
| --- |
| **A1** |
| A2 |
| A3 |
| A4 |
| A5 |
| **A6** |

Page 1

Page 2

****Page 3 Table of Contents****

1 Overview 1

1.1 Principles & Themes 1

1.2 Terminology 1

2 General Coding Standards 3

2.1 Clarity and Consistency 3

2.2 Formatting and Style 3

2.3 Using Libraries 5

2.4 Global Variables 5

2.5 Variable Declarations and Initalizations 5

2.6 Function Declarations and Calls 6

2.7 Statements 8

2.8 Enums 8

2.9 Whitespace 13

2.10 Braces 14

2.11 Comments 15

2.12 Regions 23

3 C++ Coding Standards 25

3.1 Compiler Options 25

3.2 Files and Structure 26

3.3 Naming Conventions 27

3.4 Pointers 30

3.5 Constants 31

3.6 Casting 32

3.7 Sizeof 32

3.8 Strings 33

3.9 Arrays 34

3.10 Macros 35

3.11 Functions 35

3.12 Structures 38

# Page 5