

## Status Report

# P1500 Documentation Task Force

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Eindhoven, The Netherlands

IEEE P1500 WG Meeting  
DAC-2000 - Los Angeles, CA  
June 7, 2000

# Task Force Organization

- **Mission**  
Produce first full draft document of P1500 standard for non-merged digital logic and memory cores
- **Target**  
Document progress of technical Task Forces with at most one WG meeting delay
- **Members**
  - Erik Jan Marinissen\* (Philips Research) – Tony Taylor (Synopsys)
  - Nilanjan Mukherjee (Mentor Graphics) – Jon Udell (Palmchip)
  - Mike Ricchetti (Intellitech)
- **Meetings**
  - Biweekly teleconference meetings of 1.5 hours  
Thanks to Mentor Graphics (Nilanjan) for providing facilities!
  - Password-protected web site at IEEE computer

## P1500 Documentation Task Force

# Draft Releases

### Release Schedule

- P1500/D0.1 released January 31, 2000 (VC meeting)
  - Distributed as PDF file per e-mail in February 2000 to active P1500 members who enlisted as reviewer
- P1500/D0.2 released May 5, 2000 (VTS-2000)
  - Distributed as PDF file via the password-protected Task Force web sites

### Review

- If you have comments about drafts, send them by e-mail to [Erik.Jan.Marinissen@philips.com](mailto:Erik.Jan.Marinissen@philips.com)

# P1500 Documentation Task Force

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Title, Abstract, Key Words

Introduction, Participants, Acknowledgements,  
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## Part 1: Introduction

1. Overview, Scope, Purpose
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3. Definitions, Acronyms and Abbreviations
4. Structure of This Standard
5. Dual Compliance Levels

## Part 2: Core Test Language

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4. Tutorial on Test Pattern Reuse, Using STIL
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6. The CTL Data Model

7. Environment

8. CTL Statements

9. CTL Code Examples

10. Example of Complete CTL Program

11. Use of Basic STIL Language for Core Applications

## Part 3: Scalable Architecture Hardware

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2. Wrapper Instruction Register
3. WIR Instructions
4. Wrapper Boundary Register

## Part 4: Compliancy Definitions

1. IEEE 1500 Compliance Level 1
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Appendices

A: Glossary

B: Application Examples

# IEEE P1500/D0.2 Disclaimers

- This is an unapproved draft of a proposed IEEE standard
- All text is preliminary and subject to change
- Certain sections are still empty
- This document cannot be well understood without proper introduction

In order not to create misunderstanding for those previously not involved in IEEE P1500 or for those unaware of the current status of IEEE P1500, we do not yet release this document to the general public!

# DocTF Continues...

- Continue biweekly teleconference meetings
- 'To Do' list:
  - Writing of (currently missing) introductory texts
  - Acquisition of missing technical texts from technical Task Forces
  - Taking care of reviewer comments
  - Traditional editing work: typos, rewording, figures, etc.
- Release of P1500/D0.3 at upcoming Working Group meeting (August 2000)

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