

Microprocessor Standards Committee
Chairmen's Report 10 October 2005
Bob Davis

Current Working Groups:

P754 Standard for Binary Floating-Point Arithmetic

P1363 Standard Specification for Public-Key Cryptographic Techniques Revision – Contact William Whyte

P1363.1 Standard Specification for Public-Key Cryptographic Techniques Based on Hard Problems over Lattices – Contact William Whyte

P1363.2 Standard Specification for Password-Based Public-Key Cryptographic Techniques – Contact William Whyte

P1363.3 Standard for Identity-Based Cryptographic Techniques using Pairings - Contact William Whyte

P1394 Standard for a High Performance Serial Bus – Contact Peter Johansson

P1394c Standard for a High Performance Serial Bus Amendment to enhance the physical layer for higher data rates over CAT5 or better rated UTP cable- Mike Teener

P1575 Standard for Advanced Microcomputer Power Distribution System – Contact Michael Coletta

P1596 Standard for Scalable Coherent Interface (SCI) Revision – Contact Dave Gustavson

P1602 Standard for Electronic Affidavits – Contact Joe Ravenis

P1620.1 Standard for Test Methods for the Characterization of Organic Transistor Based Ring Oscillators – Contact Dan Gamota

P1639 Standard for Transmission of Musical Instrument Digital Interface (MIDI) Data within Local Area Networks: Distributed MIDI – DMIDI

P1796 Standard for Resilient backplane ring (RBR) – Contact David James

P1896 Memory Channel Standard (Scalable Memory Interface) – Contact Bob Davis

P1953 Bioinformatics Data Structures - Framework and Overview - Contact Vicky Markstein Chair

P1953.1 Standard for Sequence Ontology – Contact Suzanna Lewis Chair

P1953.2 Standard for Flow Cytometry – Contact Ryan Brinkman Chair.

Previous working group

P1285 (C/MM) Standard for Scalable Storage Interface – Became a Standard 9/22/05 contact Martin Freeman. CONGRATULATIONS!!!

This Standards week in Piscataway NJ was a success in all MSC proposed activities:

1. Standard Approved! – P1285 now IEEE Std 1285-2005.
2. Revision Pars approved for Std 1363-2000 – Standard Specification for Public-Key Cryptographic Techniques
3. New PAR for P1363.2 Standard Specification for Public-Key Cryptographic Techniques –
4. New PAR for P1953.2 Standard for Flow Cytometry

For the October meeting!

A reminder that a report on the working group activities is due to the MSC on a regular basis.

1. New Groups – Does anyone know of potential new projects that are within the scope of the MSC that we can pursue?
2. This Meeting is the election of officers for the MSC! Please bring forward any candidates for the position to be voted on:
 - a. Chairman
 - b. Vice Chairman

- c. Secretary
 - d. Treasurer
 - e. 2 IEEE Registration Authority Committee Representatives.
 - f. Candidate for the Microprocessor TAG Chairman.
3. Issues with respect to Working Group 754 IEEE Floating Point Standard Revision completing its work.
 4. SC 22's concerns with the progress of 754.
 5. Move forward the PAR change for P1620.1 to move to individual balloting.
 6. 5 year action requirements

1014-1987 IEEE Standard for a Versatile Backplane Bus: VMEbus

Sponsor states that this standard will be a good candidate for Stabilized standards status.

Recommendation: Extend until the disposition of stabilized standards.

1101.1-1998 IEEE Standard for Mechanical Core Specifications for Microcomputers Using IEC 603-2 Connectors

Sponsor states that this standard will be a good candidate for Stabilized standards status.

Recommendation: Extend until the disposition of stabilized standards.

1101.11-1998 IEEE Standard for Mechanical Rear Plug-in Units Specifications for Microcomputers Using the IEEE 1101.10 Equipment Practice

Sponsor states that this standard will be a good candidate for Stabilized standards status.

Recommendation: Extend until the disposition of stabilized standards.

1284-2000 IEEE Standard Signaling Method for a Bidirectional Parallel Peripheral Interface for Personal Computers

Reaffirmation ballot started.

1284.3-2000 IEEE Standard for Interface and Protocol Extensions to IEEE Std. 1284 Compliant Peripherals and Host Adapters

Recommendation of Chair to Withdraw

1284.4-2000 IEEE Standard for Data Delivery and Logical Channels for IEEE Std. 1284 Interfaces

Recommendation of Chair to Withdraw

The MSC has been successful for the past two years – Lets keep the pace up.

Respectfully Submitted:

Bob Davis October 9, 2005