

Proposed IEEE P802.3ae (10 Gigabit Ethernet) PAR

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PAR FORM

Fill in the answers to the questions in the bracket provided.
A Hard Copy of this document must be printed, signed with the appropriate signatures and mailed or faxed to the Standards Department for submission to NesCom.

1. Sponsor Date of Request [Nov 12, 1999]
2. Assigned Project Number (confer with staff) [expected to be P802.3ae]
3. PAR Approval Date (leave blank) []
4. Project Title, Copyright Agreement and Working Group Chair for This Project

I will write/revise a Standards Publication with the following TITLE (Spell out all acronyms)

- Standard [for] (Document stressing the verb "SHALL."), or
 Recommended Practice for (Document stressing the verb "SHOULD.") or
 Guide for (Document stressing the verb "MAY.")

WRITE TITLE HERE

Supplement to:

Information Technology -
Local & Metropolitan Area Networks - Part 3:
Carrier Sense Multiple Access with Collision Detection
(CSMA/CD) Access Method and Physical Layer Specifications -
Media Access Control Parameters, Physical Layers and
Management Parameters for 10 Gb/s Operation]

I hereby acknowledge my appointment as Official Reporter (usually the W.G. Chair) to the (Name of Working Group)[IEEE P802.3 CSMA/CD Working Group] In consideration of my appointment and the publication of the Standards Publication identifying me, at my option, as an Official Reporter, I agree to avoid knowingly incorporating in the Standards Publication any copyrighted or proprietary material of another without such other's consent and acknowledge that the Standards Publication shall constitute a "work made for hire" as defined by the Copyright Act, and, that as to any work defined, I agree to and do hereby transfer any right or interest I may have in the copyright to said Standards Publication to IEEE.

Signature of Official Reporter
Chair _____

Name [Geoffrey O. Thompson]
Date []
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5. Describe this project: (Choose ONE from each group below)

a. [No] Update an existing PAR
(Yes or No/project number/approval date)
Is this in ballot now? (Yes or No)

b. [No] New Standard (Yes or No)

[No] Revision) of an existing standard.
(No or Yes/standard number/year)

[YES/ANSI/IEEE Std 802.3 1998 Edition] Supplement to an existing
standard (No or Yes/standard number/year)

c. [X] Full Use (5-year life cycle)
 [] Trial Use (2-year life cycle)

d. [March 2002] Fill in target completion date for submittal
to IEEE Standards Review Committee (RevCom).

6. Scope of Proposed Project (What is being done including
the technical boundaries of the project?)

[Define 802.3 Media Access Control (MAC) parameters and minimal
augmentation of its operation, physical layer characteristics
and management parameters for transfer of
LLC and Ethernet format frames at 10 Gb/s using
full duplex operation as defined in the 802.3 standard.
Add features that enable deployment of Ethernet over
the Wide Area Network operating at a data rate compatible
with OC-192c and SDH VC-4-64c payload rate.

7. Purpose of Proposed Project (Why is it being done,
including the intended user(s) and benefits to that user(s))

[The purpose of this project is to extend the 802.3
protocol to an operating speed of 10 Gb/s and to expand the Ethernet
application space to include Wide Area Network links
in order to provide a significant increase in bandwidth while
maintaining maximum compatibility with the installed base
of 802.3 nodes, previous investment in research and
development, and principles of network operation and
management.]

8. Sponsor (Give full name; spell out all Acronyms) Society/Committee:
[Computer Society/
Local and Metropolitan Area Network Standards Committee (LMSC)]

9.

9(a.1) [No] Are you aware of any patents, relevant to this
project? (YES, [attach explanation] or No).

9(a.2) [No] Are you aware of any copyrights relevant to this
project? (YES, [attach explanation] or No)

9(a.3) [No] Are you aware of any trademarks relevant to this project?

9b. [No/explanation] Are you aware of any other standards or projects with a similar scope?

There is no other project that uses the 802.3 MAC at speeds above 1000 Mb/s.

9c. [YES/explanation] Is this standard intended to form the basis of an international standard? (Yes, or No [attach explanation])

It is intended to submit this work to ISO through SC6 at the time it is submitted for Sponsor Ballot.

It would be an addendum to ISO/IEC 8802-3

9d. [No] Is this project intended to focus on health, safety or environmental issues? (Yes, [attach explanation], No, or Do Not Know)

10. Proposed Coordination/Recommended Method of Coordination (Coordination is accomplished in any of the following three ways: Circulation of Drafts or Liaison Membership or Common Membership.)

10a. Mandatory Coordination

SCC 10 (IEEE Dictionary) Circulation of Drafts

IEEE Staff Editorial Review Circulation of Drafts

SCC 14 (Quantities, Units, & Letter Symbols)

Circulation of Drafts

10b. IEEE Coordination requested by Sponsor: (Use additional page if necessary). If you believe your project will require a Registration Authority, please list IEEE RAC (refer to Working Guide).

[ASC X3S3 (as US TAG for SC6) Circulation of Drafts

ISO/IEC/JTC1 SC6/WG3 TAG Circulation of Drafts (via US TAG)

ISO/IEC/JTC1 SC25/WG3 TAG Circulation of Drafts (via US TAG)

ISO/IEC/JTC1 SC25/WG4 TAG Circulation of Drafts (via US TAG)

ASC T1X1 Circulation of Drafts]

If coordination is not required, please attach an explanation.

10c. Additional Coordination Requested by Others. (Leave blank. This will be completed by the Standards Staff).

11. Submitted by: (This MUST be the Sponsor Chair or the Sponsor's Liaison Representative to the IEEE Standards Board)

Signature of Submitter _____

Name [Jim Carlo]

Title [Chair, LAN/MAN standards Committee (LMSC)]

Date [11 Nov 1999]

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