

IEEE-SA Standards Board Project Authorization Request (PAR) (1999-Rev 1)

1. Sponsor Date of Request [November 11, 1999 —]
2. Assigned Project Number [P802.3af]
3. PAR Approval DATE [] {IEEE Staff to fill in box}
{Copyright release must be received with appropriate signatures
by postal mail or FAX (1-732-562-1571)}
[] PAR Signature Page Received {IEEE Staff to check Box}
4. Project Title and Working Group/Sponsor for this Project
Document type : {Place an X in only one option below}
[X] Standard for {Document stressing the verb "SHALL"}
[] Recommended Practice for {Document stressing the verb "SHOULD"}
[] Guide for {Documents in which good practices are suggested}

TITLE: [Information technology-
Telecommunications and information exchange between systems-
Local and metropolitan area networks-
Specific requirements-
Part 3: Carrier sense multiple access with collision detection (CSMA/CD)
access method and physical layer specifications
Data Terminal Equipment (DTE) Power via Media Dependent Interface
(MDI)-]

Name of Working Group(WG) : [IEEE 802.3 Working Group]

Name of Official Reporter (usually the WG Chair) who MUST be an SA member as well as an IEEE/Affiliate Member: [Geoffrey O. Thompson]

Title in WG: [WG Chair] _____ IEEE/SA/Affiliate Member # [02646453-]{Required}

Company: [Nortel Networks] _____ Telephone: [+1 408 495 1339]

Address: [PO Box 58185] _____ FAX: []

City/State/Zip: [Santa Clara, CA] _____ EMAIL: [gthompo@nortelnetworks.com]

Name of WG Chair (if different than Reporter): [DNA]

IEEE/Affiliate Memb # [] {Required}

Company: [] Telephone: []

Address: [] FAX: []

City/State/Zip: [] EMAIL: []

Name of Sponsoring Society and Committee: [_____] [LAN/MAN Standards Committee (LMSC)]

Name of Sponsoring Committee Chair: [Jim Carlo]

Company: [Texas Instruments] _____ Telephone: [+1 972 480 2524]

Address: [9208 Heatherdale Drive] _____ FAX: [+1 972 480 2611]

City/State/Zip: [Dallas, TX 75243] _____ EMAIL: [jcarlo@ti.com]

5. Describe this Project by answering each of five questions below:

5a. Update an existing PAR? {Yes/No} [NO]

If YES: Indicated PAR number/approval date []
If YES: Attach cover letter indicating changes/rationale for changes.
If YES: Is this project in ballot now? [] {Yes/No}

5b. Choose one from the following:

- b1 -[] New Standard
- b2 -[] Revision of existing standard {number and year} []
- b3 -[X] Amendment (Supplement) to existing standard {number and year} []
- b4 -[] Corrigenda to existing standard {number and year} []

5c. Choose one from the following:

- c1 -[X] Full Use (5-year life cycle)
- c2 -[] Trial Use (2-year cycle)

5d. Choose one from the following:

- d1 -[X] Individual Sponsor Ballot Process
- d2 -[] Entity (not Individual) Sponsor Ballot Process

5e. Fill in Target Completion Date to IEEE RevCom [December, 2001]

6. Scope of Proposed Project

{what is being done, including technical boundaries on the work}
[Define methodology for the provision of power via unshielded twisted pair cabling to connected Data Terminal Equipment. The amount of power will be limited by cabling physics and regulatory considerations. Compatibility with existing equipment will be considered.—] {This should be brief (less than 5 lines recommended)}

7. Purpose of Proposed Project:

{why it is being done, including intended users, and benefits to users}
[-To provide power for a new class of devices enabled by progress in silicon technology. These devices are characterized by low power requirements and LAN connectivity.—] {This should be brief (less than 5 lines recommended)}

8. Intellectual Property {Answer each of the questions below}

8a. Are you aware of any patents relevant to this project?

[Yes] {Yes, with detailed explanation below/ No}
[Assurance letters will be actively solicited during the course of the project.
] {Explanation}

8b. Are you aware of any copyrights relevant to this project?

[No] {Yes, with detailed explanation below/ No}
[] {Explanation}

8c. Are you aware of any trademarks relevant to this project?

[No] {Yes, with explanation below/ No}
[] {Explanation}

8d. Are you aware of any registration of objects or numbers relevant to this project?

[No] {Yes, with explanation below/ No}

9. Are you aware of other standards or projects with a similar scope?

[YES] {Yes, with explanation below/ No}

[TIA TR41.3.4 and TR41.4 have this scope within the scope of its their projects for the specification of IP telephone sets. That group TIA has asked 802.3 to provide a specification for them to use by reference] {Explanation}

10. International Harmonization

Is this standard planned for adoption by another international organization?

[YES] {Yes/No/?? if you don't know at this time}

If Yes: Which International Organization [ISO/IEC JTC1 SC6 WG3]

If Yes: Include coordination in question 13 below

If No: Explanation []

11. Is this project intended to focus on health, safety or environmental issues?

[NO] {Yes/No/?? if you don't know at this time}

If Yes: Explanation? []

12. Proposed Coordination/Recommended Method of Coordination

12a. Mandatory Coordination

SCC 10 (IEEE Dictionary) by DR

IEEE Staff Editorial Review by DR

SCC 14 (Quantities, Units and Letter symbols) by DR

12b. Coordination requested by Sponsor and Method:

[SC6/WG3 via US TAG] by [DR] ~~{circulation of DRafts/LIaison memb/COmmon memb}~~

[SC25/WG3 via US TAG] by [DR] ~~{circulation of DRafts/LIaison memb/COmmon memb}~~

[TIA TR41.3.4] by [DR] {circulation of DRafts/LIaison memb/COmmon memb}

[TIA TR41.4] by [DR] {circulation of DRafts/LIaison memb/COmmon memb}

{Choose DR or LI or CO for each coordination request}

12c. Coordination Requested by Others:

[] {added by staff}

Additional Explanation Notes: {Item Number and Explanation}

[] {If necessary, these can be continued on additional pages}