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: [gthompso@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 balanced cabling to
connected Data Terminal Equipment with 802.3 interfaces. The amount of power
will be limited by cabling physics and regulatory considerations. Compatiblity
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 with 802.3 interfaces 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 within the scope of their projects for the
specification of IP telephone sets. 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]
[SC25/WG3 via US TAG] by [DR]}
[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}
[IEEE 1394b] 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}