

1. Sponsor Date 2. Assigned Project 3. PAR Approval
of Request Number DATE
[9July1998] [P802.1r] _____

[] PAR Signature Page Received {IEEE Staff to check Box}

4. Project Title and Working Group/Sponsor for this Project Document type :
[X] Standard for
[] Recommended Practice for
[] Guide for

TITLE: [Supplement to ISO/IEC 15802-3 (802.1D): Information Technology -
Telecommunications and information exchange between systems - Local &
Metropolitan Area Networks - Common specifications - Part 3: Media
Access Control (MAC) Bridges - GARP Proprietary Attribute
Registration Protocol (GPRP)]

Name of Working Group(WG) : [802.1]

Name of Official Reporter (usually the WG Chair): [William P. Lidinsky]
Title in WG: [WG Chair] IEEE/Affiliate Memb # [1069269SM]
Organization: [HEPNRC at Fermilab] Telephone: [630-840-8067]
Address: [M/S 368, PO Box 500, Kirk Rd. & Pine St.] FAX:[630-840-8463]
City/State/Zip: [Batavia/IL/60510] EMAIL: [lidinsky@hep.net]

Name of WG Chair (if different than Reporter): [--]
IEEE/Affiliate Memb # [--]
Organization: [--] Telephone: [--]
Address: [--] FAX: [--]
City/State/Zip: [--] EMAIL: [--]

Name of Sponsoring Society and Committee: [IEEE Comp. Soc. / LMSC]
Name of Sponsoring Committee Chair: [Jim Carlo]
Organization: [Texas Instrument] Telephone: [214-340-8837]
Address: [9208 Heatherdale Dr.] FAX: [214-853-5274]
City/State/Zip: [Dallas/Texas/75243] EMAIL: [jcarlo@ti.com]

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

5a. Update an existing PAR? {Yes/No} [NO]
If Yes: Indicated PAR number/approval date [--]
If YES: Attach letter indicating changes/rationale for changes.
If Yes: Is this PAR in ballot now? [--] {Yes/No}

5b. Choose one from the following:
b1 -[] New Standard
b2 -[] Revision of existing standard []
b3 -[XX] Supplement to existing standard [802.1D-1998]

5c. Choose one from the following:
c1 -[XX] Full Use (5-year life cycle)
c2 -[] Trial Use (2-year cycle)

5d. Fill in Target Completion Date to IEEE RevCom [2000]

6. Scope of Proposed Project

[Definition of a new GARP Application, making use of and extending the
existing specification of GARP contained in 802.1D, that will allow
vendor-defined attribute values to be registered and distributed among
GARP-aware Bridges in a Bridged LAN.]

7. Purpose of Proposed Project:
 [This Supplement to Std. 802.1D defines an additional GARP Application aimed at:
 a) Allowing vendor-specific attribute values to be distributed via GARP in a standard and interoperable manner;
 b) Allowing vendor-specific attribute values that may have a wider application within other vendors' equipment to be made available for more general use.]
8. Intellectual Property
 8a. Are you aware of any patents relevant to this project?
 [NO] {Yes, with detailed explanation below/ No}
 [] {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}
9. Are you aware of other standards or projects with a similar scope?
 [NO] {Yes, with explanation below/ No}
 [] {Explanation}
10. International Harmonization
 Is this standard planned for adoption by another international organization?
 [YES]
 If Yes: Which International Organization [ISO/IEC JTC1 SC6]
 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:
 [ISO/IEC JTC1 SC6] by [DR or LI or CO]
 [IETF] by [DR]
 12c. Coordination Requested by Others:
 [] {added by staff}
- Additional Explanation Notes: {Item Number and Explanation}
 [] {If necessary, these can be continued on additional pages}

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I hereby acknowledge my appointment as Official Reporter (usually the
 WG Chair) to the [P802.1] 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 _____ Date _____

Name of Official Reporter (usually the WG Chair): [William P. Lidinsky]
 Title in WG: [Chair, 802.1] IEEE Memb # [1069269SM]
 Organization: [HEPNRC at Fermilab] Telephone: [630-840-8067]
 Address: [M/S 368, PO Box 500, Kirk Rd. & Pine St.] FAX: [630-840-8463]
 City/State/Zip: [Batavia/IL/60510] EMAIL: [lidinsky@hep.net]

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

Signature of Submitter _____ Date _____

Name of Sponsor Committee Chair: [Jim Carlo]
 Relationship to Sponsor: [LMSC Chair]
 Organization: [Texas Instrument] Telephone: [214-340-8837]
 Address: [9208 Heatherdale Dr.] FAX: [214-853-5274]
 City/State/Zip: [Dallas/Texas/75243] EMAIL: [jcarlo@ti.com]

The submitter must be the sponsoring committee's liaison to the IEEE Standards
 Board or the chair of the sponsoring committee. The PAR will not be submitted
 to the Standards Board without the signatur of the Official Reporter and the
 Sponsor Committee Chair. Once the PAR is completed, it shall be forwarded to
 the person designated by the sponsor as responsible for submitting it to the
 Standards Board New Standards Committee/NESCOM (normally the sponsoring
 committee's liaison to the IEEE Standards Board). Be certain to include all
 attachment sheets and supporting correspondence. The submitter will be
 notified in writing when the PAR is received and when the PAR will be
 considered for approval by the Standards Board. After the Standards Board
 meeting, the submitter and official reporter will be notified in writing of
 the action taken.

Signature by IEEE Officer: _____ Date: _____

Title: _____

FIVE CRITERIA FOR 802.1R GPRP PAR

1. Broad Market Potential

The proposed standard is aimed at simplifying and coordinating the process of making proprietary use of GARP, and making those proprietary uses readily available to other vendors and users of products that support GARP. Proprietary uses of GARP will be defined by a number of vendors, for a variety of purposes; this standard will ensure that these uses correctly interoperate with Bridges based on the 802.1D standard.

2. Compatibility with IEEE standard 802.1D

A major purpose of this standard is to ensure that proprietary GARP applications correctly interoperate with 802.1D-based Bridges.

3. Distinct Identity

There is no comparable mechanism defined any place else.

4. Technical Feasibility

Technical feasibility has been demonstrated:

- By implementations of existing GARP applications (GMRP and GVRP) in vendor products;
- By an almost complete draft of the proposed mechanism having already been developed and circulated within 802.1.

5. Economic Feasibility

This mechanism has no economic impact on Bridges unless they already support one or more standardised GARP applications and are intended to support one or more proprietary applications of GARP. The incremental cost of including this additional mechanism in Bridges that already implement GARP is minimal.