| Modify this Draft PAR | Submit this Draft PAR to NesCom |
| Delete this Draft PAR | |

Draft PAR Confirmation Number: 175717592.3968

Submittal Email: tony@jeffree.co.uk   Change Submitter Email

Type of Project: Revision to an Existing Standard 802.1H-1995

1.1 Project Number: P802.1H

1.2 Type of Document: Recommended Practice for

1.3 Life Cycle: Full

1.4 Is this project in ballot now? No

| **2.1 Title of Standard:** Local and Metropolitan Area Networks: Recommended Practice for Media Access Control (MAC) Bridging of Ethernet in Local Area Networks | **Old Title:** Local and Metropolitan Area Networks: IEEE Recommended Practice for Media Access Control (MAC) Bridging of Ethernet Version 2.0 in 802 Local Area Networks |

3.1 Name of Working Group: Higher Layer LAN Protocols Working Group

Add/Change Working Group

Contact information for Working Group Chair
Tony A Jeffree
Email: tony@jeffree.co.uk
Phone: +44-161-973-4278

Contact Information for Working Group Vice Chair

Email:
Phone:

3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)
Contact information for Sponsor Chair:
Paul Nikolich
Email: p.nikolich@ieee.org
Phone: 857-205-0050
Contact information for Standards Representative:

Email:
Phone:

3.3 Joint Sponsor:/ ()
Contact information for Sponsor Chair:

Email:
Phone:
Contact information for Standards Representative:

Email:
Phone:

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 2008-07

4.3 Projected Completion Date for Submittal to RevCom: 2009-07

5.1 Approximate number of people expected to work on this project: 30

5.2 Scope of Proposed Standard: This Recommended Practice specifies extensions to the behavior of MAC Bridges to facilitate interoperability in bridged networks containing a mixture of IEEE 802.3 LANs and other types of LANs. To avoid future incompatibilities, this Technical Report provides guidelines for the identification of protocols operating over IEEE 802 MACs, with particular emphasis on protocols that use the Ethernet Type field.

5.3 Is the completion of this standard is dependent upon the completion of another standard: No
If yes, please explain:

5.4 Purpose of Proposed Standard: This Recommended Practice provides guidelines for protocol identification and translation rules for bridges to support interoperability between IEEE 802.2 and Ethernet Type – based protocols.

5.5 Need for the Project: The need for this revision project is that IEEE 802.1H is in need of updating in a number of areas to reflect developments in Bridging since its publication and to correct inaccuracies in the text that have resulted from changes in other standards.

5.6 Stakeholders for the Standard: LAN standards developers. LAN equipment developers, manufacturers and distributors. Developers of other networking technologies that may be required to interwork with LAN equipment. Users of LAN equipment.

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes
If yes, state date: 2006-05-15
If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No
If yes, please explain:

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No
If yes, please explain:

7.1 Are there other standards or projects with a similar scope? No
If yes, please explain:
and answer the following: Sponsor Organization:
Project/Standard Number:
Project/Standard Date: 0000-00-00
Project/Standard Title:

7.2 Future Adoptions
Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? No

If Yes, the following questions must be answered:
Technical Committee Name and Number:
Other Organization Contact Information:
Contact person:
Contact Email address:

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No
If yes, please explain:

7.4 Additional Explanatory Notes: (Item Number and Explanation)

8.1 Sponsor Information:
Is the scope of this project within the approved scope/definition of the Sponsor's Charter? Yes
If no, please explain:

Contact the NesCom Administrator