

P1680

Submitter Email: wayne.rifer@greenelectronicscouncil.org

Type of Project: Modify Existing Approved PAR

PAR Request Date: 19-Oct-2009

PAR Approval Date: 09-Dec-2009

PAR Expiration Date: 31-Dec-2011

Status: Modification to a Previously Approved PAR for the Revision of a Standard 1680-2006

Root PAR: P1680 **Approved on:** 26-Sep-2008

Project Record: 1680

1.1 Project Number: P1680

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Environmental Assessment of Electronic Products

3.1 Working Group: Workgroup for the IEEE Standard for Environmental Assessment of Personal Computer Products (C/EASC/1680_WG)

Contact Information for Working Group Chair

Name: Holly Elwood

Email Address: elwood.holly@epa.gov

Phone: 202-564-8854

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Environmental Assessment Standards Committee (C/EASC)

Contact Information for Sponsor Chair

Name: Holly Elwood

Email Address: elwood.holly@epa.gov

Phone: 202-564-8854

Contact Information for Standards Representative

None

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 08/2008

4.3 Projected Completion Date for Submittal to RevCom: 10/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 100

5.2 Scope: The IEEE 1680 family of standards defines environmental performance criteria for electronic products. The scope of this document is to provide guidelines and implementation procedures for the standards included in the IEEE 1680 family of standards. Each Standard in the IEEE 1680 family of standards shall address criteria for a specific product or group of products in at least the following eight categories of environmental performance: reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, life cycle extension, energy conservation, end of life management, corporate performance and packaging.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This Standard provides guidelines and implementation procedures for this IEEE 1680 family of standards.

The standards within the family will provide clear and consistent performance criteria for the design of electronic products thereby providing an opportunity to secure market recognition for efforts to reduce the environmental impact of electronic products. This family of standards is intended to provide a tool for government, institutional and corporate purchasers. Product manufacturers may also use this tool to earn recognition in the consumer market, recognizing that certain

Old Purpose: This Standard provides guidelines and implementation procedures for this IEEE 1680 family of standards. The standards within the family will provide clear and consistent performance criteria for the design of electronic products thereby providing an opportunity to secure market recognition for efforts to reduce the environmental impact of electronic products. This family of standards is intended to provide a tool for government, institutional and corporate purchasers. Product manufacturers may also use this tool to earn recognition in the consumer market, recognizing that certain criteria may not be applicable to all types of purchasers. Applicability will be specified in each individual standard.

criteria may not be applicable to all types of purchasers. Applicability will be specified in each individual standard.

The environmental performance criteria of the IEEE 1680 family of standards are intended to define a measure of environmental leadership in: the design and manufacture of electronic products; the delivery of specified services that are associated with the sale of the product; and in associated corporate performance characteristics.

This family of standards is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the leading environmental performance currently available in the marketplace would meet them at the time of their adoption. As the environmental performance of products that are available in the marketplace improves, it is intended that the criteria will be updated and revised to set a higher performance standard for leadership products.

This Standard is intended to serve as a baseline for further environmental standards for additional electronic products to be developed in the future. References to this 1680 standard likewise reference, unless otherwise specified, the individual product standards in the 1680 family of standards.

5.5 Need for the Project: THE PROBLEM BEING ADDRESSED:

There is no comprehensive standard for evaluating environmental attributes of electronic products.

BENEFITS OF THIS STANDARD:

This revised 1680 Standard will be the umbrella standard for a family of environmental assessment standards and will provide the key concepts and implementation procedures for the family of standards. This project will create this umbrella Standard by editing as appropriate Section One of the existing 1680 Standard and causing it to be the text of the new 1680 standard. Sections two through four of the existing 1680 Standard, consisting of material specifically relevant to one class of products, namely personal computer products, will be cut from this umbrella standard and placed into a new standard 1680.1 to be created through an accompanying PAR.

BENEFITS OF THIS FAMILY OF STANDARDS:

This family of standards offers many benefits for institutional purchasers, consumers, manufacturers, and the environment, including:

Providing purchasers with:

An easy way to specify and purchase electronic products that meet challenging yet realistic environmental criteria simply by requiring that the equipment meet an IEEE Standard.

An efficient and credible means for verifying that equipment meets the criteria.

Flexibility to select equipment that meets the minimum performance criteria or to give preference to models with more environmental attributes by specifying a higher qualification level.

Credibility for the procurement decisions since the Standard is being developed through a consensus process that balances the concerns of purchasers, industry, environmental groups and other stakeholders.

Providing manufacturers with:

One clear set of environmental performance criteria for the design of products and services.

A market advantage for environmentally preferable products.

Providing environmental stakeholders with:

A credible assessment of electronic products based on environmental criteria.

5.6 Stakeholders for the Standard: STAKEHOLDERS FOR THIS STANDARD:

Public and Private Institutional Purchasers

Consumers

Electronic Product Manufacturers

Trade Associations

Non-Profit and Environmental Advocacy Organizations

The environmental performance criteria of the IEEE 1680 family of standards are intended to define a measure of environmental leadership in: the design and manufacture of electronic products; the delivery of specified services that are associated with the sale of the product; and in associated corporate performance characteristics.

This family of standards is defined with the intention that the criteria are technically feasible to achieve, but that only products demonstrating the leading environmental performance currently available in the marketplace would meet them at the time of their adoption. As the environmental performance of products that are available in the marketplace improves, it is intended that the criteria will be updated and revised to set a higher performance standard for leadership products.

This Standard is intended to serve as a baseline for further environmental standards for additional electronic products to be developed in the future.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: Yes

If Yes please explain: 1680.1 is a substandard of this standard.

and answer the following

Sponsor Organization: EASC

Project/Standard Number: 1680.1

Project/Standard Date: 10-Dec-2009

Project/Standard Title: Standard for environmental assessment of personal computer products, including notebook personal computers, desktop personal computers, and personal computer displays

7.2 International Activities

a. Adoption

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

b. Joint Development

Is it the intent to develop this document jointly with another organization?: No

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): Modified PAR has been submitted to match up purpose statement in draft with purpose statement in PAR.