

P1680.2

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Type of Project: New IEEE Standard

PAR Request Date: 01-Jun-2009

PAR Approval Date: 11-Sep-2009

PAR Expiration Date: 31-Dec-2013

Status: PAR for a New IEEE Standard

Project Record: 1680.2

1.1 Project Number: P1680.2

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Environmental Assessment of Imaging Equipment

3.1 Working Group: IEEE 1680.2 Standard for the Environmental Assessment of Imaging Equipment Working Group (C/EASC/1680.2_WG)

Contact Information for Working Group Chair

Name: Pamela Brody-Heine

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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

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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: 03/2010

4.3 Projected Completion Date for Submittal to RevCom: 09/2010

5.1 Approximate number of people expected to be actively involved in the development of this project: 150

5.2 Scope: This Standard defines environmental performance standards for imaging equipment (as defined by the U.S. ENERGY STAR Imaging Equipment Specification) including copiers, digital duplicators, facsimile machines, multifunction devices, printers, mailing machines and scanners, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, lifecycle 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: Yes

If yes please explain: This Standard is part of the EPEAT (Electronic Product Environmental Assessment Tool) family of standards. The IEEE EPEAT umbrella standard 1680 must be completed. IEEE 1680 defines the methods by which manufacturers may declare electronic products as conforming with the EPEAT family of standards and by which such conformance may be verified.

5.4 Purpose: 5.4 Purpose:

This Standard for imaging equipment is part of the EPEAT family of standards that provides a clear and consistent set of performance criteria for the design of electronic products, and provides an opportunity to secure market recognition for efforts to reduce the environmental impact of electronic products. This Imaging Equipment Standard is intended to provide a tool for government, institutional, corporate and consumer purchasers. Product manufacturers may use this tool to earn recognition in these markets, recognizing that certain criteria may not be applicable to all types of purchasers.

The environmental performance criteria of this Standard are intended to define a measure of environmental leadership in: the design and manufacture of imaging equipment; the delivery of specified services that are associated with the sale of the product; and in associated corporate performance characteristics. This Standard 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.

5.5 Need for the Project: This Standard 1680.2 will consist of environmental criteria and other materials that relate specifically to imaging equipment products. The August 2007 EPEAT Standards Development Roadmap identified imaging equipment as a high priority for standard development, based on extensive input from stakeholders.

This Standard is part of the EPEAT family of standards that currently consists of the umbrella standard (1680 Standard for Environmental Assessment of Electronic Products) and the personal computer standard (1680.1 Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays). Concurrent to the development of this Standard for imaging equipment (1680.2 Standard for Environmental Assessment of Imaging Equipment) is a standard for televisions (1680.3 Standard for Environmental Assessment of Televisions). Each of the product-specific standards defines environmental performance measures for the specific product such as imaging equipment, and references the umbrella standard (1680 Standard for Environmental Assessment of Electronic Products). The umbrella standard (1680 Standard for Environmental Assessment of Electronic Products) defines the methods by which manufacturers may declare electronic products as conforming with the EPEAT family of standards and by which such conformance may be verified.

5.6 Stakeholders for the Standard: Imaging equipment manufacturers Suppliers of materials, equipment and packaging Electronics equipment recyclers and reuse organizations Trade associations Environmental advocacy organizations Purchasers and users Resellers/retailers Environmental representatives of government agencies Academic experts in the field of electronics and the environment General public and other

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: The umbrella standard 1680 is being revised under an accompanying PAR.

and answer the following

Sponsor Organization: IEEE C/EASC

Project/Standard Number: 1680

Project/Standard Date: 12-Oct-2007

Project/Standard Title: Standard for Environmental Assessment of Electronic Products

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?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

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?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

8.1 Additional Explanatory Notes (Item Number and Explanation):