

PSI_10

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Type of Project: Revision to IEEE Standard SI_10-2010

PAR Request Date: 23-Apr-2015

PAR Approval Date: 11-Jun-2015

PAR Expiration Date: 31-Dec-2019

Status: PAR for a Revision to an existing IEEE Standard

Root Project: SI_10-2010

1.1 Project Number: PSI_10

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: American National Standard for Metric Practice

3.1 Working Group: SI 10 Working Group (SASB/SCC14/SCC14.1)

Contact Information for Working Group Chair

Name: James Frysinger

Email Address: j.frysinger@ieee.org

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE-SASB Coordinating Committees/SCC14 - Quantities, Units, and Letter Symbols (SASB/SCC14)

Contact Information for Sponsor Chair

Name: James Frysinger

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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: 01/2016

4.3 Projected Completion Date for Submittal to RevCom: 05/2017

5.1 Approximate number of people expected to be actively involved in the development of this project: 17

5.2 Scope: This document is the primary American National Standard on application of the metric system. It emphasizes use of the International System of Units (SI), which is the modern, internationally accepted metric system. It includes information on SI, a limited list of units recognized for use with SI, and a list of conversion factors, together with general guidance on style and usage. It also lists older "metric" units that shall no longer be used. The word "primary" implies that other metric standards in the United States should be consistent with this document.

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

5.4 Purpose: The purpose of the standard is to give guidance on metric practice and the use of SI.

5.5 Need for the Project: This important standard needs minor updating in order to be kept current. A revision is required to bring the standard into line with current international recommendations.

5.6 Stakeholders for the Standard: All parties interested in the communication of technical and scientific information.

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?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: Yes

Organization: ASTM International

Technical Committee Name: Committee on SI Practice

Technical Committee Number: E43

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8.1 Additional Explanatory Notes (Item Number and Explanation): 7.2 ASTM has jointly published this standard (SI 10) with IEEE since 1997. At one time ASTM was the American Society for Testing and Materials; it jointly published "Standard for Metric Practice" (ASTM E380-76 and IEEE 268-1976) with IEEE in 1976. ASTM has since become ASTM International and continues with us on this project. This standard is now due for revision to meet the revision cycle requirements of ASTM and ANSI.