

“Comment on draft revision to the Applicability Clause of FIPS 180.” Comments may also be sent by mail to: Chief, Computer Security Division, Information Technology Laboratory, ATTN: Comments on Draft FIPS 202 for SHA-3, National Institute of Standards and Technology, 100 Bureau Drive, Stop 8930, Gaithersburg, MD 20899-8930.

**FOR FURTHER INFORMATION CONTACT:** Ms. Shu-jen Chang (301) 975-2940, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 8930, Gaithersburg, MD 20899-8930, email: [Shu-jen.Chang@nist.gov](mailto:Shu-jen.Chang@nist.gov).

**SUPPLEMENTARY INFORMATION:** On November 2, 2007, NIST announced a Request for Candidate Algorithm Nominations for a New Cryptographic Hash Algorithm (SHA-3) Family in the *Federal Register* (72 FR 62212), which is available at <https://federalregister.gov/a/E7-21581>. The notice requested the submission of candidate hash algorithms for consideration in a public competition to select a new hash algorithm that would augment the Government standard hash algorithms specified in Federal Information Processing Standard (FIPS) 180, *Secure Hash Standard*. The competition was referred to as the SHA-3 Cryptographic Hash Algorithm Competition, or the SHA-3 Competition.

By October 31, 2008, NIST received sixty-four entries from cryptographers around the world. From these entries, NIST selected fifty-one first-round candidates in December 2008, fourteen second-round candidates in July 2009, and five finalists in December 2010. NIST summarized its decision in a report at the end of each round; NISTIR 7620 for the first round and NISTIR 7764 for the second round are available at <http://csrc.nist.gov/publications/PubsNISTIRs.html>.

Eighteen months were provided for the public review of the SHA-3 finalists. The worldwide cryptographic community provided an enormous amount of analysis and public feedback on the candidates throughout the competition. NIST also hosted a SHA-3 candidate conference during each round of the competition to obtain public feedback. After much careful study and consideration of the finalists and public comments, NIST announced the selection of Keccak as the winner of the SHA-3 Cryptographic Hash Algorithm Competition in a press release on October 2, 2012. Keccak is a family of permutation-based sponge functions that cryptographic hash functions and other applications can be built from. The press release is available

at <http://www.nist.gov/itl/csd/sha-100212.cfm>, and a report explaining this selection (NISTIR 7896) is available at <http://dx.doi.org/10.6028/NIST.IR.7896>.

#### Request for Comments

NIST publishes this notice to solicit public comments on Draft FIPS 202. Draft FIPS 202 specifies the new SHA-3 family of permutation-based hash and extendable-output functions based on Keccak. This algorithm is the core of the proposed SHA-3 Standard, but the standard does not standardize nor approve every variant that the Keccak family of functions can support.

NIST strongly encourages the public to continue analyzing the security of the Keccak family of permutation-based sponge functions in general, and the six algorithms specified in Draft FIPS 202 in particular, and to submit those analyses as official comments in response to this request. NIST invites public comments on Draft FIPS 202, which is available at <http://csrc.nist.gov/publications/PubsDrafts.html>. Such analyses and other comments received will be considered by NIST in preparing the final version of FIPS 202.

NIST also invites public comments on the revised Applicability Clause in the Announcement Section of FIPS 180-4; the revision would permit compliance with FIPS 202 in lieu of FIPS 180-4 for Federal applications when a cryptographic hash function is called for. Public comments received in response to this request will be posted regularly at [http://csrc.nist.gov/groups/ST/hash/sha-3/sha-3\\_standardization.html](http://csrc.nist.gov/groups/ST/hash/sha-3/sha-3_standardization.html). NIST reminds all interested parties that the SHA-3 development effort was conducted as an open standards-setting activity. NIST requests that all interested parties inform NIST of any patents or inventions that may be required for the use of Draft FIPS 202 algorithms. This includes comments from all parties regarding specific claims that the use of Draft FIPS 202 algorithms infringes on their patent(s). Claims regarding the infringement of copyrighted software are also solicited. NIST views this input as a critical factor in the eventual widespread adoption and implementation of Draft FIPS 202. All comments received by the deadline will be made publicly available at [http://csrc.nist.gov/groups/ST/hash/sha-3/sha-3\\_standardization.html](http://csrc.nist.gov/groups/ST/hash/sha-3/sha-3_standardization.html) without change or redaction. Therefore, comments should not include proprietary or confidential information.

To encourage on-going discussions related to the SHA-3 standardization effort, NIST will continue to maintain

its SHA-3 electronic discussion forum at [hash-forum@nist.gov](mailto:hash-forum@nist.gov). Please note that comments sent to this list will NOT be considered “official” comments; to be considered “official,” a comment must be submitted as described above in the **ADDRESSES** section of this Notice.

**Authority:** In accordance with the Information Technology Management Reform Act of 1996 (Pub. L. 104-106) and the Federal Information Security Management Act of 2002 (FISMA) (Pub. L. 107-347), the Secretary of Commerce is authorized to approve FIPS. NIST activities to develop computer security standards to protect federal sensitive (unclassified) information systems are undertaken pursuant to specific responsibilities assigned to NIST by Section 20 of the National Institute of Standards and Technology Act (15 U.S.C. 278g-3), as amended.

*E.O. 12866:* This notice has been determined not to be significant for the purposes of E.O. 12866.

Dated: May 21, 2014.

**Willie E. May,**

*Associate Director for Laboratory Programs.*

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**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Board of Overseers of the Malcolm Baldrige National Quality Award and Judges Panel of the Malcolm Baldrige National Quality Award

**AGENCY:** National Institute of Standards and Technology, Department of Commerce.

**ACTION:** Notice of open meeting.

**SUMMARY:** The Board of Overseers of the Malcolm Baldrige National Quality Award (Board of Overseers) and the Judges Panel of the Malcolm Baldrige National Quality Award (Judges Panel) will meet together in open session on Thursday, June 12, 2014, from 8:30 a.m. to 3:00 p.m. Eastern time. The Board of Overseers, appointed by the Secretary of Commerce, reports the results of the Malcolm Baldrige National Quality Award (Award) activities to the Director of The National Institute of Standards and Technology (NIST) each year, along with its recommendations for the improvement of the Award process. The Judges Panel, also appointed by the Secretary of Commerce, ensures the integrity of the Award selection process and recommends Award recipients to the Secretary of Commerce. The purpose of this meeting is to discuss and review information received from the National

Institute of Standards and Technology and from the Chair of the Judges Panel. The agenda will include: Baldrige Program Update, Baldrige Fundraising Update, Baldrige Judges Panel Update, Ethics Review, Applicants and Eligibility, and New Business/Public Comment.

**DATES:** The meeting will be held on Thursday, June 12, 2014 from 8:30 a.m. Eastern time until 3:00 p.m. Eastern time. The meeting will be open to the public.

**ADDRESSES:** The meeting will be held at the National Institute of Standards and Technology, Building 101, Lecture Room A, 100 Bureau Drive, Gaithersburg, Maryland 20899. Please note admittance instructions under the **SUPPLEMENTARY INFORMATION** section of this notice.

**FOR FURTHER INFORMATION CONTACT:** Robert Fangmeyer, Director, Baldrige Performance Excellence Program, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 1020, Gaithersburg, Maryland 20899-1020, telephone number (301) 975-2360, or by email at [robert.fangmeyer@nist.gov](mailto:robert.fangmeyer@nist.gov).

**SUPPLEMENTARY INFORMATION:**

**Authority:** 15 U.S.C. 3711a(d)(1), 15 U.S.C. 3711a(d)(2)(B) and the Federal Advisory Committee Act, as amended, 5 U.S.C. App.

Pursuant to the Federal Advisory Committee Act, as amended, 5 U.S.C. App., notice is hereby given that the Board of Overseers and the Judges Panel will meet together in open session on Thursday, June 12, 2014 from 8:30 a.m. to 3:00 p.m. Eastern time. The Board of Overseers, composed of approximately eleven members preeminent in the field of organizational performance excellence and appointed by the Secretary of Commerce, make an annual report on the results of Award activities to the Director of the National Institute of Standards and Technology (NIST), along with its recommendations for improvement of the Award process. The Judges Panel consists of twelve members with balanced representation from U.S. service, manufacturing, nonprofit, education, and health care industries. The Panel includes members familiar with the quality improvement operations and competitiveness issues of manufacturing companies, service companies, small businesses, health care providers, and educational institutions. The Judges Panel recommends Malcolm Baldrige National Quality Award recipients to the Secretary of Commerce.

The purpose of this meeting is to discuss and review information received

from the National Institute of Standards and Technology and from the Chair of the Judges Panel of the Malcolm Baldrige National Quality Award. The agenda will include: Baldrige Program Update, Baldrige Fundraising Update, Baldrige Judges Panel Update, Ethics Review, Applicants and Eligibility, and New Business/Public Comment. The agenda may change to accommodate the Judges Panel and Board of Overseers business. The final agenda will be posted on the NIST Baldrige Performance Excellence Web site at <http://www.nist.gov/baldrige/community/overseers.cfm>. The meeting is open to the public.

Individuals and representatives of organizations who would like to offer comments and suggestions related to the Board's affairs and/or the Panel of Judges' general process are invited to request a place on the agenda. On June 12, 2014 approximately one-half hour will be reserved in the afternoon for public comments, and speaking times will be assigned on a first-come, first-served basis. The amount of time per speaker will be determined by the number of requests received, but is likely to be about 3 minutes each. The exact time for public comments will be included in the final agenda that will be posted on the Baldrige Performance Excellence Program Web site at <http://www.nist.gov/baldrige/community/overseers.cfm>. Questions from the public will not be considered during this period. Speakers who wish to expand upon their oral statements, those who had wished to speak, but could not be accommodated on the agenda, and those who were unable to attend in person are invited to submit written statements to the Baldrige Performance Excellence Program, Attention Nancy Young, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 1020, Gaithersburg, Maryland 20899-1020, via fax at 301-975-4967 or electronically by email to [nancy.young@nist.gov](mailto:nancy.young@nist.gov).

All visitors to the National Institute of Standards and Technology site will have to pre-register to be admitted. Please submit your name, time of arrival, email address and phone number to Nancy Young no later than 4:00 p.m. Eastern time, Thursday, June 5, 2014, and she will provide you with instructions for admittance. Non-U.S. citizens must submit additional information; please contact Nancy Young. Contact Ms. Young, by email at [nancy.young@nist.gov](mailto:nancy.young@nist.gov) or by phone at (301) 975-2361.

Dated: May 20, 2014.

**Phillip Singerman,**

*Associate Director for Innovation & Industry Services.*

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**DEPARTMENT OF COMMERCE**

**National Institute of Standards and Technology**

**Judges Panel of the Malcolm Baldrige National Quality Award**

**AGENCY:** National Institute of Standards and Technology, Department of Commerce.

**ACTION:** Notice of partially closed meeting.

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**SUMMARY:** The Judges Panel of the Malcolm Baldrige National Quality Award (Judges Panel) will meet in on Wednesday, June 11, 2014, from 9:00 a.m. to 3:30 p.m. Eastern time. The purpose of this meeting is to discuss and review the role and responsibilities of the Judges Panel and information received from the National Institute of Standards and Technology (NIST) in order to ensure the integrity of the Malcolm Baldrige National Quality Award (Award) selection process. The agenda will include: Judges Panel roles and processes; Baldrige Program updates; new business/public comment; lessons learned from the 2013 judging process; and the 2014 Award process. A portion of this meeting is closed to the public in order to protect the proprietary data to be examined and discussed.

**DATES:** The Judges Panel will be held on Wednesday, June 11, 2014 from 9:00 a.m. until 3:30 p.m. Eastern time. The portion of the meeting, from 9:00 a.m. to 11:30 a.m., will include discussions on the Judges Panel roles and processes and Baldrige program updates. This session is open to the public. Please note admittance instructions under the **SUPPLEMENTARY INFORMATION** section of this notice. The portion of the meeting from 12:30 p.m. to 3:30 p.m., will include discussions on lessons learned from the 2013 judging process and on the 2014 Award process. This session is closed to the public in order to protect the proprietary data to be examined and discussed.

**ADDRESSES:** The meeting will be held at the National Institute of Standards and Technology, Building 101, Lecture Room A, 100 Bureau Drive, Gaithersburg, Maryland 20899.

**FOR FURTHER INFORMATION CONTACT:** Robert Fangmeyer, Director, Baldrige