

the cache memory pages to transfer to and from level 1 (L1) caching while the microprocessor pipeline is executing instructions.

OS information assurance is implemented in hardware. By extending Unix file permissions bits down to each cache memory bank and memory address, the OSFA provides hardware level information assurance. OS level access to cache controller banks is divided into access layers. Only the OS has permission to access and modify permission bits. The OS access layers also support partitions for a high reliability microkernel, hypervisors and full featured OS.

For each software application, a table sets limits for all OS library function calls required by the application. Each library function call has a set of object limits. Exceeding the limits either requires higher than user level privileges or raises an exception.

The full CRADA proposal should include a capability statement with a detailed description of collaborators' expertise in the following and related technology areas: (1) Microprocessor design; (2) computer security; (3) information assurance; (4) collaborators' expertise in successful technology transition; and (5) collaborator's ability to provide adequate funding to support some project studies is strongly encouraged. A preference will be given to collaborators who shall manufacture hardware in the United States.

Collaborators are encouraged to properly label any proprietary material in their CRADA proposal as PROPRIETARY. Do not use the phrase "company confidential."

3. *Publications:* a. P. Jungwirth and P. LaFratta: "OS Friendly Microprocessor Architecture," US Patent Application 20140082298, March 2014. <http://www.google.com/patents/US20140082298>.

b. P. Jungwirth and P. LaFratta: "OS Friendly Microprocessor Architecture," white paper, US Army AMRDEC, March 2014. (email Ms. Wallace at [cindy.s.wallace.civ@mail.mil](mailto:cindy.s.wallace.civ@mail.mil) to request a copy of this paper).

c. P. Jungwirth and P. LaFratta: "OS Friendly Microprocessor Architecture: Hardware Information Assurance," January 2014. (email Ms. Wallace at [cindy.s.wallace.civ@mail.mil](mailto:cindy.s.wallace.civ@mail.mil) to request a copy of this paper, a CDA is required to receive a copy of this paper).

**Brenda S. Bowen,**

*Army Federal Register Liaison Officer.*

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**BILLING CODE 3710-08-P**

## DEPARTMENT OF DEFENSE

### Department of the Army, Corps of Engineers

[Docket ID: USA-2015-0005]

#### Proposed Collection; Comment Request

**AGENCY:** Department of the Army, U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice.

**SUMMARY:** In compliance with the *Paperwork Reduction Act of 1995*, the United States Army Corps of Engineers announces a proposed public information collection and seeks public comment on the provisions thereof. Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden of the proposed information collection; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the information collection on respondents, including through the use of automated collection techniques or other forms of information technology.

**DATES:** Consideration will be given to all comments received by April 6, 2015.

**ADDRESSES:** You may submit comments, identified by docket number and title, by any of the following methods:

- *Federal eRulemaking Portal:* <http://www.regulations.gov>. Follow the instructions for submitting comments.
- *Mail:* Federal Docket Management System Office, 4800 Mark Center Drive, East Tower, Suite 02G09, Alexandria, VA 22350-3100.

**Instructions:** All submissions received must include the agency name, docket number and title for this **Federal Register** document. The general policy for comments and other submissions from members of the public is to make these submissions available for public viewing on the Internet at <http://www.regulations.gov> as they are received without change, including any personal identifiers or contact information.

Any associated form(s) for this collection may be located within this same electronic docket and downloaded for review/testing. Follow the instructions at <http://www.regulations.gov> for submitting comments. Please submit comments on any given form identified by docket number, form number, and title.

**FOR FURTHER INFORMATION CONTACT:** To request more information on this

proposed information collection or to obtain a copy of the proposal and associated collection instruments, please write to the U.S. Army Corps of Engineers, Directorate of Civil Works, Office of Planning and Policy, ATTN: Douglas Gorecki, 441 G Street, Washington, DC 20314, or call 202-761-5450.

#### SUPPLEMENTARY INFORMATION:

*Title; Associated Form; and OMB Number:* Corps of Engineers Flood Risk Management Surveys; OMB Control Number OMB 0710-XXXX.

*Needs and Uses:* The data obtained from these surveys are used by the Army Corps of Engineers to more effectively provide flood risk management to communities, residents, and businesses at risk of flooding. The data are needed for estimating damage relationships for factors such as depth of flooding for different types of buildings and different occupancies of uses. The data are also used for estimating other costs of flooding. Results of surveys will help communities to better determine and communicate their flood risks. The models are also used for programmatic evaluation of the Corps's National Flood Risk Management Program.

*Affected Public:* Residents, property owners, businesses, nongovernmental organizations, Local Governments.

*Annual Burden Hours:* 1,825.

*Number of Respondents:* 3,000.

*Responses per Respondent:* 1.

*Average Burden per Response:* 36.5 minutes.

*Frequency:* On occasion.

Respondents are floodplain residents, business owners and managers, managers of private institutions, and public officials. Most of the respondents live in or manage facilities that have been flooded in recent months.

Dated: January 30, 2015.

**Aaron Siegel,**

*Alternate OSD Federal Register, Liaison Officer, Department of Defense.*

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**BILLING CODE 5001-06-P**

## DEPARTMENT OF DEFENSE

### Department of the Army, Corps of Engineers

#### Separation and Independent Evaluation of the Proposed Halligan and Seaman Water Management Projects in Northeastern Colorado

**AGENCY:** Department of the Army, U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice.

**SUMMARY:** On February 1, 2006, the Omaha District, U.S. Army Corps of