

Service Project Collection Tool for review and approval in accordance with the Paperwork Reduction Act of 1995, Public Law 104-13, (44 U.S.C. Chapter 35). Copies of this ICR, with applicable supporting documentation, may be obtained by calling the Corporation for National and Community Service, David Premo, at 202-606-6717 or email to [dpremo@cns.gov](mailto:dpremo@cns.gov). Individuals who use a telecommunications device for the deaf (TTY-TDD) may call 1-800-833-3722 between 8:00 a.m. and 8:00 p.m. Eastern Time, Monday through Friday.

**ADDRESSES:** Comments may be submitted, identified by the title of the information collection activity, to the Office of Information and Regulatory Affairs, Attn: Ms. Sharon Mar, OMB Desk Officer for the Corporation for National and Community Service, by any of the following two methods within 30 days from the date of publication in the **Federal Register**:

(1) By fax to: 202-395-6974, Attention: Ms. Sharon Mar, OMB Desk Officer for the Corporation for National and Community Service; or

(2) By email to: [smar@omb.eop.gov](mailto:smar@omb.eop.gov).

**SUPPLEMENTARY INFORMATION:** The OMB is particularly interested in comments which:

- Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of CNCS, including whether the information will have practical utility;
- Evaluate the accuracy of the agency's estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;
- Propose ways to enhance the quality, utility, and clarity of the information to be collected; and
- Propose ways to minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology.

#### Comments

A 60-day Notice requesting public comment was published in the **Federal Register** on Thursday, November 6, 2014. This comment period ended January 5, 2015. No public comments were received from this Notice.

*Description:* CNCS wants to help promote activities across the country and also be able to assess impact of CNCS initiatives.

*Type of Review:* Renewal.

*Agency:* Corporation for National and Community Service.

*Title:* Day of Service Project Promotion Tool.

*OMB Number:* 3045-0122.

*Agency Number:* None.

*Affected Public:* Any person or group organizing a service project in conjunction with a CNCS Initiative.

*Total Respondents:* 100,000.

*Frequency:* 6 times annually.

*Average Time per Response:* Averages 10 minutes.

*Estimated Total Burden Hours:* 100,000.

*Total Burden Cost (capital/startup):* None.

*Total Burden Cost (operating/maintenance):* None.

Dated: January 27, 2015.

**Theodore Miller,**

*Chief of External Affairs.*

[FR Doc. 2015-01831 Filed 1-29-15; 8:45 am]

**BILLING CODE 6050-28-P**

---

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Docket ID DoD-2015-HA-0008]

#### Proposed Collection; Comment Request

**AGENCY:** Office of the Assistant Secretary of Defense for Health Affairs, DoD.

**ACTION:** Notice.

**SUMMARY:** In compliance with the *Paperwork Reduction Act of 1995*, the Office of the Assistant Secretary of Defense for Health Affairs 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 March 31, 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 Defense Health Agency, Performance Evaluation & Transition Management Branch, ATTN: Ann Fazzini, 16401 E. Centretech Parkway, Aurora, CO 80011-9066, telephone 303-676-3613.

#### SUPPLEMENTARY INFORMATION:

*Title; Associated Form; and OMB Number:* Health Insurance Claim Form, UB-04 CMS.1450, OMB Number 0720-0013.

*Needs and Uses:* The information collection requirement is necessary for a medical institution to claim benefits under the Defense Health Program, TRICARE which includes the Civilian Health and Medical Program for the Uniformed Services (CHAMPUS). The information collected will be used by TRICARE/CHAMPUS to determine beneficiary eligibility, other health insurance liability, certification that the beneficiary received the care, and that the provider is authorized to receive TRICARE/CHAMPUS payments. The form will be used by TRICARE/CHAMPUS and its contractors to determine the amount of benefits to be paid by TRICARE/CHAMPUS to institutional providers.

*Affected Public:* Business or other for profit; Not-for-profit institutions.

*Annual Burden Hours:* 135,000.

*Number of Respondents:* 540,000.

*Responses per Respondent:* 1.

*Average Burden per Response:* 15 minutes.

*Frequency:* On occasion.

This collection instrument is for use by medical institutions filing for

reimbursement with the Defense Health Program, TRICARE, which includes the Civilian Health and Medical Program of the Uniformed Services (TRICARE/CHAMPUS). TRICARE/CHAMPUS is a health benefits entitlement program for the dependents of active duty members of the Uniformed Services, and deceased sponsors, retirees and their dependents, of the Department of Homeland Security (Coast Guard) sponsors and certain North Atlantic Treaty Organization, National Oceanic and Atmospheric Administration, and Public Health Service eligible beneficiaries. Use of the UB-04/CMS-1450 continues TRICARE/CHAMPUS commitments to use the national standard claim form for reimbursement of medical services/supplies provided by institutional providers.

Dated: January 27, 2015.

Aaron Siegel,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

[FR Doc. 2015-01793 Filed 1-29-15; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Department of Army

#### Notice of Intent To Seek Partners for a Cooperative Research and Development Agreement and Licensing Opportunity for Smoothed Symbol Transition Modulation Invented by U.S. Army Aviation and Missile Command

**AGENCY:** Department of Army, DoD.

**ACTION:** Notice of Intent Seeking Partners.

**SUMMARY:** The U.S. Army Aviation and Missile Command (AMRDEC) is seeking Cooperative Research and Development Agreement (CRADA) partners to collaborate in transitioning smoothed symbol transition modulation (SSTM) into commercial and/or government application(s). SSTM references approved for public release are provided [2-4]. Interested potential CRADA collaborators will receive detailed information on the current status of the project after signing a confidentiality disclosure agreement (CDA) with AMRDEC. Guidelines for the preparation of a full CRADA proposal will be communicated shortly thereafter to all respondents with whom initial confidential discussions will have established sufficient mutual interest. CRADA applications submitted after the due date may be considered if a suitable CRADA collaborator has not been identified by AMRDEC among the initial

pool of respondents. Licensing of background technology related to this CRADA opportunity is also available to potential collaborators.

**DATES:** Interested candidate partners must submit a statement of interest and capability to the AMRDEC point of contact before March 8, 2015 for consideration.

**ADDRESSES:** Comments and questions may be submitted to: Department of Army, US Army Research, Development and Engineering Command, Aviation and Missile Research, Development and Engineering Center, ATTN: RDMR-CST, Office of Research and Technology Applications (Ms. Wallace), 5400 Fowler Road, Redstone Arsenal, AL 35898.

**FOR FURTHER INFORMATION CONTACT:**

Questions about the proposed action can be directed to Ms. Cindy Wallace (256) 313-0895, Office of Research and Technology Applications, email: [cindy.s.wallace.civ@mail.mil](mailto:cindy.s.wallace.civ@mail.mil).

**SUPPLEMENTARY INFORMATION:**

1. *Project Description.* AMRDEC seeks to ensure that technologies developed by AMRDEC are expeditiously commercialized and brought to practical use. The purpose of a CRADA is to find partner(s) to facilitate the development and commercialization of a technology that is in an early phase of development. Respondents interested in submitting a CRADA proposal should be aware that it may be necessary for them to secure a patent license to the above-mentioned patent pending technology in order to be able to commercialize products arising from a CRADA. CRADA partners are afforded an option to negotiate an exclusive license from the AMRDEC for inventions arising from the performance of the CRADA research plan.

2. *Technology Overview.* Conventional modulation techniques have step changes between symbols. The step changes embed rectangular windowing functions, with poor power spectral density function characteristics, into the modulated waveform [1], [2], [3].

Smoothed symbol transition modulation (SSTM) [1], [2], [3], [4] waveform consists of half cycle raised cosine waveforms and zero slope line segments waveforms concatenated together to create a smooth waveform. All SSTM symbol transitions occur at zero slope points. The SSTM waveform requires less bandwidth and has a much faster power spectral density convergence than conventional modulation.

Binary SSTM and 16 quadrature amplitude modulation SSTM (QAM-

SSTM) simulations demonstrate the utility of the modulation technique [1], [2], [3], [4]. Smoothed symbol transition modulation simply adds one more block before the output (final) modulation stage [1], [2], [3], [4]. SSTM offers opportunities for improved performance under intersymbol interference, multipath signal conditions, dispersive channel conditions and timing jitter conditions. In terms of digital signal processing, SSTM is low cost, and offers significant performance improvements over conventional rectangular windowing function limited modulators.

Under the CRADA, further research and development will be conducted on current and new algorithm(s) and further development in characterization is also needed. Based on the results of these experiments and other data, the program will then develop a target product profile. The developed algorithm(s) might be further improved to address specific aspects of this target product profile and, if necessary, to optimize its computation requirements and performance. The CRADA scope will also include studies beyond candidate selection including all aspects of algorithm studies, developments, simulations, optimization, and performance testing leading to a successful smoothed symbol transition modulation application.

Collaborators should have experience in the development of digital signal processing algorithms, digital modulation, software defined radios, communications systems, and technology transition. The target end products include government and commercial communications systems, wireless applications (radio, television, WiFi, telecom, cell phones, data, satellite communications, et al.), radar, internet applications (cable modems), medical imaging, and other unique applications identified by the CRADA partner.

The full CRADA proposal should include a capability statement with a detailed description of collaborators' expertise in the following and related technology areas: (1) Conventional digital modulation, digital signal processing, software defined radios, communications systems, testing and evaluation of communications systems, etc.; (2) communications theory, information theory, and bit error rate; (3) expertise in windowing functions; (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