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*.

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

who shall manufacture smoothed symbol transition modulation systems 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: ''Smoothed Symbol Transition Modulation,'' US Patent Application 14/181221, February 14, 2014. Not yet published.

b. P. Jungwirth: ''Smoothed Symbol Transition Modulation,'' AlaSim International Conference & Exposition,'' Huntsville, Alabama, pp. TBD, May 2014. *http://www.almsc.org/alasim-international.shtml.*

c. P. Jungwirth: ''Smoothed Symbol Transition Modulation DSP Algorithm,'' TAPR Conference, Austin, TX, pp. 32–51, September 2014. *https://www.tapr.org/pdf/DCC2014-SmoothedSymbolTransitionModulation-Patrick-Jungwirth.pdf.*

d. P. Jungwirth: ''Smoothed Symbol Transition Modulation 16 QAM, Submitted to The Forum for Communications Experimenters, December 2014. (email Ms. Wallace at *cindy.s.wallace.civ@mail.mil* to request a copy of this paper).

Brenda S. Bowen,

Army Federal Register Liaison Officer.

[FR Doc. 2015–01760 Filed 1–29–15; 8:45 am]

BILLING CODE 3710–08–P

DEPARTMENT OF DEFENSE

Defense Acquisition Regulations System

[Docket Number DARS–2015–0006]

Information Collection Requirement; Defense Federal Acquisition Regulation Supplement; DoD Acquisition Process (Various Miscellaneous Requirements)

AGENCY: Defense Acquisition Regulations System, Department of Defense (DoD).

ACTION: Notice and request for comments regarding a proposed extension of an approved information collection requirement.

SUMMARY: In compliance with section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35), DoD announces the proposed extension of a public information collection requirement and seeks public comment on the provisions thereof. DoD invites comments on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of DoD, including whether the information will have practical utility; (b) the accuracy of the 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 the use of automated collection techniques or other forms of information technology. The Office of Management and Budget (OMB) has approved this information collection requirement for use through May 31, 2015. DoD proposes that OMB extend its approval for use for three additional years.

DATES: DoD will consider all comments received by March 31, 2015.

ADDRESSES: You may submit comments, identified by OMB Control Number 0704–0187, using any of the following methods:

○ Federal eRulemaking Portal: *http://www.regulations.gov.* Follow the instructions for submitting comments.

○ Email: *osd.dfars@mail.mil.* Include OMB Control Number 0704–0187 in the subject line of the message.

○ Fax: (571) 372–6094.

○ *Mail:* Defense Acquisition Regulations System, Attn: Ms. Amy Williams, OUSD(AT&L)DPAP/DARS, Room 3B941, 3060 Defense Pentagon, Washington, DC 20301–3060.

Comments received generally will be posted without change to *http://www.regulations.gov,* including any personal information provided. To confirm receipt of your comment(s), please check *www.regulations.gov,* approximately two to three days after submission to verify posting (except allow 30 days for posting of comments submitted by mail).

FOR FURTHER INFORMATION CONTACT: Ms. Amy Williams, Defense (571) 372–6106.

SUPPLEMENTARY INFORMATION:

Title and OMB Number: Information Collection in Support of the DoD Acquisition Process (Various Miscellaneous Requirements), Defense Federal Acquisition Regulations Supplement (DFARS) parts 208, 209, and 235 and associated clauses in part 252; OMB Control Number 0704–0187.

Needs and Uses: This information collection requirement pertains to information required in DFARS parts 208, 209, 235, and associated clauses in part 252 that an offeror must submit to DoD in response to a request for proposals or an invitation for bids or a contract requirement. DoD uses this information to—

• Determine whether to provide precious metals as Government-furnished material;

• Determine an entity's eligibility for award of a contract under a national security program due to ownership or control by a foreign government;

• Determine whether there is a compelling reason for a contractor to enter into a subcontract in excess of $30,000 with a firm, or subsidiary of a firm, that is identified in the List of Parties Excluded from Federal Procurement and Nonprocurement as being ineligible for award of Defense subcontracts because it is owned or controlled by the government of a country that is a state sponsor of terrorism;

• Determine an entity's eligibility for award of a contract due to ownership or control by the government of a country that is a state sponsor of terrorism;

• Evaluate claims of indemnification for losses or damages occurring under a research and development contract; and

• Keep track of radio frequencies on electronic equipment under research and development contracts so that the user does not override or interfere with the use of that frequency by another user.

Affected Public: Businesses or other for-profit and not-for-profit institutions.

Annual Burden Hours: 1,464.

Number of Respondents: 491.

Responses per Respondent: Approximately 2.

Annual Responses: 1,062.

Average Burden per Response: 1.5 hours.

Frequency: On occasion.

Summary of Information Collection

This information collection pertains to information, as required in DFARS Parts 208, 209, 235, and associated clauses in Part 252 that an offeror must submit to DoD in response to a request for proposals or an invitation for bids or a contract requirement, except that provision 252.209–7001 was recently relocated to 252.225–7050. The 1 burden hour for this provision will be transferred to OMB clearance 0704–0229 (part 225) the next t ime that clearance is renewed. In particular, the information collection covers the following DFARS requirements:

○ *252.208–7000, Intent to Furnish Precious Metals as Government-Furnished Material.* Paragraph (b) of this clause requires an offeror to cite the type and quantity of precious metals required in the performance of the contract. Paragraph (c) requires the offeror to submit two prices for each deliverable item that contains precious metals: One based on the Government furnishing the precious metals, and the other based on the contractor furnishing the precious metals.