1.1 Project Number: P15288.2
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Technical Reviews and Audits on Defense Programs

3.1 Working Group: Joint Working Group for DoD Systems Engineering Standardization (C/S2ESC/DoD WG)
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3.2 Sponsoring Society and Committee: IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)
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4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 06/2014
4.3 Projected Completion Date for Submittal to RevCom: 05/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 20
5.2 Scope: This standard establishes the requirements for technical reviews and audits to be performed throughout the acquisition lifecycle for the U.S. Department of Defense (DoD) and other defense agencies. This standard provides the definition, description, and intent, as well as the entry/exit/success criteria, for each technical review and audit. It is to be used to establish agreement between acquirers and suppliers on the technical reviews and audits that are needed for the project, as well as the focus and expectations of each.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This standard provides elaboration of the technical review and audit clause of ISO/IEC/IEEE 15288, Systems and software engineering - System life cycle processes, for use by the DoD and other defense agencies in acquiring systems (and parts, thereof) or services. It amplifies ISO/IEC/IEEE 15288 Clause 6.3.2.3.a for selection, negotiation, agreement, and performance of the necessary technical reviews and audits, while allowing tailoring flexibility for the variety of acquisition situations/environments when the technical reviews or audits are conducted. While primarily supporting the acquirer-supplier agreement mode, this standard also can be used to support the other modes: use by organizations, projects, and process assessors.

5.5 Need for the Project: For effective and efficient application of ISO/IEC/IEEE 15288 on defense programs, additional requirements for the assessment of are needed. ISO/IEC/IEEE 15288 is written in a general manner to address all types of systems and different modes of application. Thus it does not have requirements specific to the use by defense projects that facilitate effective implementation of an acquirer - supplier agreement, such as use in DoD contracts. This effort responds to the needs of DoD and other defense agencies to have more specific and detailed requirements for technical reviews and audits as part of the assessment of projects during the life cycle.

The development of this standard will address the needs of the defense community, a potentially large user base for this standard and ISO/IEC/IEEE 15288. The standard that implements ISO/IEC/IEEE 15288 for application on defense programs will provide the defense specific language and terminology for the standard to ensure the correct application of acquirer-supplier requirements for technical reviews and audits on a defense program.
5.6 Stakeholders for the Standard: United States Department of Defense, the DOD departments (Army, Navy, Air Force, Coast Guard, and Marines), Defense Agencies, Defense Contractors and their suppliers. Possibly also NATO nations and selected non-NATO allies.

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?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): 5.6: This standard may also be of interest to and adopted by North Atlantic Treaty Organization (NATO), Life Cycle Management Committee (AC/327).