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***Enhancing Effectiveness
of
Independent Research and Development (IRAD)***



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Distribution Statement A: Approved for Public Release



USD (AT&L) – Frank Kendall Memo

- **Implementation of Defense Federal Acquisition Regulation Supplement (DFARS) Final Rule 2016-D002, Enhancing the Effectiveness of Independent Research & Development, January 4, 2017.**
- **Purpose: Improve the effectiveness of IRAD investments by the defense industrial base that are reimbursed as allowable costs.**
- **New IR&D rule requires “major” defense contractors to engage in a technical interchange with a technical or operational DoD Government employee prior to initiation of an IR&D project.**
- **Any contractor not meeting the threshold of a “major” contractor are encouraged to use the Defense Technical Information Center (DTIC) online input form to report IR&D activities.**



Defense Technical Information Center

<http://www.dtic.mil/dtic/>

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ASD(R&E) Memorandum

DTIC is Key to Preservation, Dissemination and Reuse of DoD S&T research

Preservation, Dissemination and Reuse of DoD S&T

Ms. Mary Miller, Acting ASD(R&E), emphasizes the need to maximize DoD's return on investment of defense research and engineering work by sharing the results with the DoD R&E community, in a January 2017 Memorandum. [Read more.](#) [Submit your research today.](#)


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DTIC News Wire

New DoD Policy

Stimulate Innovation with Increased Access to DoD-Funded Published Research

New DoD Policy to Increase Access to Published Results of DoD-Funded Research

New DoD policy aims to increase access to published DoD research, advancing innovation, citizen science and technology transfer. [Read more.](#)

DISCOVER | TRANSFORM | INQUIRE | CONNECT

Put power at your fingertips

Turn to DTIC for valuable small business solutions.

Small Business Community Solutions

To network, grow and develop your small business, DTIC is your KEY to success! Start with these resources:

- [S&T Research Records Collections](#)
- [Defense Innovation Marketplace](#)



DFARS 231.205-18

- The dollar threshold to identify contractors designated as “major” is prescribed at DFARS 231.205-18

*“Major contractor” means any contractor whose covered segments allocated a total of **more than \$11,000,000 in IR&D/B&P costs** to covered contracts during the preceding fiscal year. For purposes of calculating the dollar threshold amounts to determine whether a contractor meets the definition of “major contractor,” do NOT include contractor segments allocating LESS than \$1,100,000 of IR&D/B&P costs to covered contracts during the preceding fiscal year.*



Intent

- **Contractor IR&D investments are NOT directed by the Government.**
- **Promote transparency, communication & dialogue between IR&D participants & DoD.**
- **Ensuring that both IR&D performers and their potential DoD customers have sufficient awareness of each other's efforts.**
- **To provide industry with some feedback on the relevance of proposed IR&D work.**
- **Contractors should communicate with a knowledgeable DoD Government employee who is cognizant of related ongoing and potential future opportunities in the area of interest.**
- **Many Services and DoD agencies already used to engage industry on IR&D projects.**



Important Notes

- **The rule has two requirements:**
 - **a knowledgeable DoD Government employee be informed of future IR&D plans or projects**
 - **Industry document the name of the DoD Government employee and the date the technical interchange occurred in the DTIC database**
- **The DoD Government employee may provide feedback on relevant DoD missions, but in no case has the authority to stop the project.**
- **The DoD Government employee will not issue any official declaration**
- **Face-to-face discussion are the preferred approach to conduct the technical interchange.**
- **DFARS rule does not require face-to-face discussions**



Defense Innovation Marketplace

<http://www.defenseinnovationmarketplace.mil/>

The screenshot shows the homepage of the Defense Innovation Marketplace. At the top, there is a navigation bar with the following menu items: HOME, BUSINESS OPPORTUNITIES, COMMUNITIES OF INTEREST, NEWS / EVENTS, and FAQs. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area is divided into several sections:

- Header Section:** Features the title "DEFENSE INNOVATION MARKETPLACE" and a row of logos for various agencies including the Department of Defense, DARPA, and others.
- Main Content Area:**
 - Left Column:** Displays the seal of the Executive Office of the President of the United States, National Science and Technology Council. Below the seal, it states: "NOW POSTED: A 21st Century Science, Technology, and Innovation Strategy for America's National Security".
 - Right Column:**
 - Text:** "Your Centralized Resource for IR&D Market Research"
 - Buttons:** Two buttons labeled "GOVERNMENT IR&D Searchers" and "INDUSTRY IR&D Providers".
- Right Sidebar:**
 - Stay Connected:** Includes a Twitter icon and the text "Follow us on Twitter".
 - WHAT'S NEW:** A yellow header section containing a "Solicitations" list:
 - Army Internet of Battlefield Things (IoBT) Collaborative Research Alliance (CRA) (Closing 7/27/2017)
 - Navy Extra Large Unmanned Undersea Vehicle (XLUUV) (Closing 5/17/2017)
 - Air Force Engineering Predictable Behavior into GaN Devices FEP (Closing 4/17/2017)
 - Strategic Documents:** A list of documents:
 - Air Force Logistics and Sustainment Enterprise 2040
 - Army Warfighter's Science and Technology Needs
- Bottom Section:**
 - CONNECTING INDUSTRY AND DoD:** A section with a paragraph: "The Defense Innovation Marketplace is a communications resource to provide industry with improved insight into the Research and Engineering investment priorities of the Department of Defense (DoD). The Marketplace contains DoD R&E strategic documents, solicitations, and News/Events to better inform Independent Research and Development (IR&D) planning. The IR&D Secure Portal houses project summaries that provide DoD with visibility into the IR&D efforts submitted."
 - NEW BUSINESS OPPORTUNITIES:** "Have a solution to a DoD Technology need? Find links to:"
 - ASD(R&E) FEATURES:** "Features provide content and resources that highlight ASD(R&E) priorities and goals."
 - DEFENSE INNOVATION INITIATIVE (DII):** "The DII is an effort to identify and invest in innovation for the future."
 - Technology Interchange Meetings:** A button labeled "Technology Interchange Meetings".



Defense Innovation Marketplace (Cont'd)

- **No later than January 31, 2017, DoD will implement an electronic process to facilitate this approach.**
- **Future IR&D opportunity maybe submitted through the Defense Innovation Marketplace.**
- **The targeted organization will respond to the submitter with a written statement with the date of receipt and name of the DoD Government employee who was made aware of the project.**
- **This website will maintain the necessary security to ensure protection of proprietary information and facilitate compliance with the DFARS requirement.**



Point of Emphasis

- This is a requirement on industry to communicate its IR&D plans to some relevant Government individual and record that this has been done. There is no Government approval required or expected.
- **END NOTE:** please provide your Service/Agency/Command IRAD POC information and/or any questions on the implementation of this rule to:

Lisa Hilton at lisa.a.hilton2.civ@mail.mil

Please do not send proposals to this e-mail address!



Class Deviation – Claire M. Grady Memo

- **For IR&D projects initiated in the contractor’s fiscal year 2017, as a prerequisite for the subsequent determination of allowability, the contractor shall:**
 - **Engage in a technical interchange with the technical or operational DoD Government employee sometime during the contractor’s fiscal year 2017.**
 - **If the contractor does not have a point of contact for the technical interchange, the contractor may contact the Office of the Assistant Secretary of Defense for Research and Engineering (OASD R&E); information can be found at:**
<http://www.acq.osd.mil/rd/contacts/>
 - **Use the online input form for IR&D projects reported to DTIC to document the technical interchange, which includes the name of the DoD Government employee and the date the technical interchange occurred.**



Class Deviation (Cont'd)

- **This class deviation alleviates the requirement that the technical interchanges occur before costs are generated for IR&D projects initiated in the contractor's fiscal year 2017.**
- **This class deviation remains in effect until incorporated in the DFARS or otherwise rescinded.**
- **Point of Contact: Mr. Mark Gomersall:**

Phone: (571)372-6099, or Email: mark.r.gomersall.civ@mail.mil



QUESTIONS