



PERSONNEL AND  
READINESS

**UNDER SECRETARY OF DEFENSE**  
4000 DEFENSE PENTAGON  
WASHINGTON, D.C. 20301-4000

16-F-0255  
Doc 04

The Honorable Ed Royce  
Chairman  
Committee on Foreign Affairs  
U.S. House of Representatives  
Washington, DC 20515

NOV 12

Dear Mr. Chairman:

Pursuant to section 2249d(f) of title 10, United States Code, the Department submits the enclosed Fiscal Year 2015 report, "Authority for Distribution to Certain Foreign Personnel of Education and Training Materials and Information Technology to Enhance Military Interoperability with the Armed Forces."

Learning content development, usage, and distribution continue to rise, increasing the opportunity to enhance multinational operations and training exercises. There is significant demand in the international community for content that enhances the interoperability of forces whatever the mission, and this authority provides a valuable tool to meet that demand in a manner complementing U.S. long-term security and building partner capacity interests.

Thank you for your continued support of Department of Defense training to better enable multinational and coalition operations. A similar letter is also being provided to the Committees on Armed Services of the Senate and House of Representatives, and the Committee on Foreign Relations of the Senate.

Sincerely,

Brad Carson  
Acting

Enclosure:  
As stated

cc:  
The Honorable Eliot L. Engel  
Ranking Member



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UNDER SECRETARY OF DEFENSE  
4000 DEFENSE PENTAGON  
WASHINGTON, D.C. 20301-4000

The Honorable Bob Corker  
Chairman  
Committee on Foreign Relations  
United States Senate  
Washington, DC 20510

NOV 12 2015

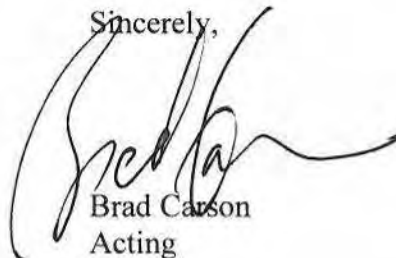
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Brad Carson  
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cc:  
The Honorable Benjamin L. Cardin  
Ranking Member



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4000 DEFENSE PENTAGON  
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The Honorable John McCain  
Chairman  
Committee on Armed Services  
United States Senate  
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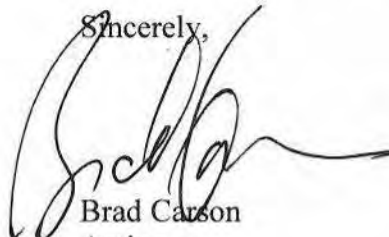
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Sincerely,



Brad Carson  
Acting

Enclosure:  
As stated

cc:  
The Honorable Jack Reed  
Ranking Member





PERSONNEL AND  
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UNDER SECRETARY OF DEFENSE  
4000 DEFENSE PENTAGON  
WASHINGTON, D.C. 20301-4000

The Honorable William M. "Mac" Thornberry  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

NOV 12 2015

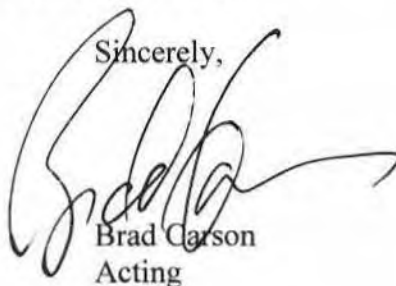
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Sincerely,



Brad Carson  
Acting

Enclosure:  
As stated

cc:  
The Honorable Adam Smith  
Ranking Member

**FISCAL YEAR 2015**

**AUTHORITY FOR DISTRIBUTION TO CERTAIN FOREIGN PERSONNEL OF  
EDUCATION AND TRAINING MATERIALS AND INFORMATION TECHNOLOGY  
TO ENHANCE MILITARY INTEROPERABILITY WITH THE  
ARMED FORCES**

**Office of the Secretary Defense Report**

**Report to the  
Committee on Armed Services of the  
United States Senate**

**Committee on Foreign Relations of the  
United States Senate**

**Committee on Armed Services of the  
United States House of Representatives**

**Committee on Foreign Affairs of the  
United States House of Representatives**

**October 31, 2015**

The estimated cost of this report or study for the Department of Defense is approximately \$3,240 for the 2015 Fiscal Year. This includes \$0 in expenses and \$3,240 in DoD labor.

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## **Introduction**

Section 2249d of title 10, United States Code authorizes the Secretary of Defense to distribute to certain foreign personnel education and training materials and information technology to enhance interoperability between U.S. forces and the military forces of friendly foreign nations. Section 2249d requires the Secretary of Defense to submit a report to the appropriate committees of Congress on the exercise of the authority following each fiscal year in which the authority is used. This year the U.S. Army, U.S. Marine Corps, and U.S. Air Force used this authority to provide training to foreign military personnel—the Navy reported that they did not use this authority. The total cost associated with this authority cannot be determined, because much of the training and information technology (IT) support provided to friendly nations is not developed solely for the use of foreign nations—it is developed for U.S. military training and shared by friendly nations. However, it is relatively inexpensive, and the overall impact and goodwill to our Partner Nations is immeasurable. The Department of Defense (DoD) section 2249d report for FY 2015 follows.

## **United States Army**

**1. Title of activity providing learning content and/or information technology:** Distributed Learning System (DLS), Army e-Learning Program

**Description of the project/activity:** The Army e-Learning Program is a component of the Distributed Learning System (DLS). This program provides over 3,000 web-based courses to Active Army, National Guard, Reservists, Department of Army civilians, local national employees and foreign officers 24x7 from anywhere there is internet access. The program is centrally funded and is therefore free to the employee and their organization. Army e-Learning provides courses in Information Technology (IT), Leadership, Business, and Personal Development. The program also provides Books 24x7 on-line reference-ware.

**Recipients:** Army personnel, and certain local national and foreign officers, who have a valid Army Knowledge On-Line (AKO) account and Common Access Card (CAC) card are eligible to register for the program to access the courses. During FY15, 213 local nationals and foreign officers from the following countries registered for the program:

Afghanistan	Croatia	Japan	Saudi Arabia
Australia	Egypt	Jordan	Slovakia
Bahrain	Germany	Republic of Korea	Thailand
Belgium	Hungary	Kuwait	Turkey
Bosnia-Herzegovina	India	Netherlands	Vietnam
Brazil	Italy	Philippines	
Canada	Jamaica	Qatar	

**Type and quantity of learning content and/or information technology provided:**

Army e-Learning provides over 3,000 courses in IT, Leadership, Business and Personal Development.

The IT courseware provides certification preparation for 40+ certifications (i.e., MCSE, Cisco, Oracle, CompTIA, CISSP) that includes practice exams as well as on-line mentors who are subject matter experts in numerous certifications. The program also offers thousands of on-line reference-ware books containing information on IT, Desktop Skills, Business, and Well-Being Essentials.

**Value:** DLS currently has a contract with MILVETS (SkillSoft is the subcontractor) to provide the courseware/Learning Management System for the Army e-Learning Program. The cost of the contract for FY15 is \$1.8 million which provides over 3,000 web-based courses and on-line reference-ware with Books 24x7 for over 1.4 million employees. As of August 1, 2015, there were 1,766,807 courses completed. There were 2,378 completions by Foreign Officers/Local National employees. Of the 42,558 new users registered during FY15, 213 were foreign officers and local national employees. To date there are 865,197 Army users registered for the program. Over 3,450 of those registered are foreign personnel. The program provides tracking and reporting capabilities. The program also has an interface with the Army Training Requirements and Resources System (ATRRS) to provide registration authentication and course completion data to provide completion certificates. The ATRRS training record is automatically updated with the completions to provide promotion points for enlisted personnel as well as retirement points for Army Reservists.

## **2. Title of activity providing learning content and/or information technology:**

DLS, Army Learning Management System (ALMS)

**Description of the project/activity:** The ALMS is a component of the DLS. The ALMS has a selection of over 1,100 courses for web-based delivery to over 2.4 million account holders, including Active Army, National Guard, Reservists, Department of Army civilians, local national employees and foreign officers 24x7 from anywhere there is internet access. The ALMS is centrally funded and is therefore free to the employee and their organization.

**Recipients:** Army personnel, and certain local national and foreign officers, who have a valid AKO account type that is approved for access to ALMS and an active CAC identification card are eligible to register for the courses. Several Army Knowledge Online (AKO) account types and one Army Training Resources and Requirements System (ATRRS) account type for Foreign personnel are approved, including:

- AKO Foreign Contractor            517
- AKO External Officer               664
- AKO Foreign Officer                1,250
- AKO Local National                 8,191
- ATRRS Foreign Learner            1,323

**Total foreign account holders = 11,945 accounts**

**Type and quantity of learning content and/or information technology provided:** The ALMS provides access to courses that are owned by the government and cover specialized DoD training requirements such as Military Occupational Specialties, required annual training, focused functional training such as the Accident Avoidance Course and Supervisory Development Course, as well as supporting training products and materials. There is no generic Information

Technology course provided. There are courses which provide specific training for the use of DoD information systems such as the General Funds Enterprise Business System and Global Combat Support System-Army.

**Value:** DLS's cost to provide online training management services, (storage, delivery, record keeping and reporting), is \$1.84 per completion of a training unit. This does not include course proponent costs for training analysis or product design/development. Typically, ALMS-hosted training products are developed through various Army contracts managed by the ALMS's 70-plus training proponent customer organizations.

### **United States Marine Corps**

**1. Title of activity providing learning content and/or information technology:** MarineNet Learning Management System (LMS), Marine Corps Distance Learning Program (MCDLP), College of Distance Education and Training (CDET), Education Command (EDCOM)

**Description of the project/activity:** MarineNet is a Marine Corps-wide, distributed Intranet that enables students to learn, via the appropriate interactive media, when and where the learning is needed. The system is comprised of electronic distance learning (DL) courseware, hardware, software, and network components necessary to distribute electronic instruction over various networks. MarineNet services a student population of all Marines (active/reserve/retired), members of the other military services, DOD civilian employees, and selected family members.

**Recipient:** In FY15, in addition to active duty Marines, reserve Marines, sister-service members, and DoD employees, MarineNet provided courseware access to 137 international officers from the following countries:

Australia	Germany	New Zealand	Taiwan
Bulgaria	Italy	Netherlands	Tunisia
Canada	Indonesia	Norway	Ukraine
Chile	Japan	Slovakia	United Kingdom
Denmark	Mexico	Spain	
Georgia	Mongolia	Sweden	

**Type of learning content and/or information technology provided:** MarineNet provides 2,116 courses covering topics such as annual compliance training, general military skills, leadership, IT, business, and personal development. Course content varies from high level interactive multimedia instruction (IMI) to downloadable documents.

**Value:** Operations and maintenance (O&M) of the MarineNet system is accomplished through an inter-service agreement with Naval Air Systems Command Special Communications Requirement division and includes costs for facilities, software licenses, development and personnel costs. For FY15, O&M costs were approximately \$7.9M. Courseware delivered via



MarineNet is internally developed as well as provided by external organizations. Internal development is supported via a services contract valued at \$2.0M.

From 1 October 2014 to 1 September 2015, MarineNet had 4,436,227 course enrollments and 3,097,492 course completions. Course completions are automatically sent to the Marine Corps Training Information Management System (MCTIMS), the Marine Corps Total Force System (MCTFS), and the Defense Civilian Personnel Data System (DCPDS). Self-education bonus points and Reserve Retirement credits are awarded at completion of selected courses.

**2. Title of activity providing learning content and/or information technology:** Marine Corps Professional Military Education (PME) Distance Learning Programs (DLP), Marine Corps Distance Learning Program (MCDLP), College of Distance Education and Training (CDET), Education Command (EDCOM)

**Description of the project/activity:** The Expeditionary Warfare School and the Command and Staff College distance education programs (EWSDEP and CSCDEP) deliver career appropriate PME using onsite, online, and blended (hybrid) instructor-facilitated seminars worldwide. These seminars leverage human collaboration using both asynchronous and synchronous technology combined with audio, video, interactive media, and ePub course materials to provide robust learning.

**Recipients:** In FY15, in addition to active duty Marines, reserve Marines, sister-service members, and DoD employees, CDET's seminar programs provided PME access to 39 international officers from the following countries:

Australia	Georgia	Norway	Turkey
Bulgaria	Germany	Pakistan	Ukraine
Canada	Indonesia	Slovakia	
Chile	Mongolia	Sweden	
Denmark	Netherlands	Switzerland	

**Type of learning content and/or information technology provided:** Learning content includes theory and information on the nature of war, national and international security studies, operational art, joint warfighting, small wars studies, Marine Air Ground Task Force (MAGTF) expeditionary operations, amphibious operations, leadership, written communications, operations planning at various levels of command, irregular warfare, conventional warfighting, and critical and creative thinking. Content is delivered via ePubs, interactive multimedia, audio, video, and instructor led asynchronous and synchronous collaboration using the Blackboard Learn LMS.

**Value:** The Distance Professional Military Education Support Contract provides program management, instructional services, administrative services, subject matter expert (SME) services, editorial services, multimedia expertise, instructional technology, engineering services and various support services for CDET's Distance Professional Military Education (DPME)

programs. CDET programs provide the requisite PME for 75% of Marine officers (CWO - Major) who are not afforded the opportunity to attend the resident courses of instructions. CDET Enlisted DPME programs provide full or partial PME requirements for all Marine enlisted leaders (LCpl - GySgt). This effort provides DPME support for CDET's eight regional campuses across the Marine Corps and the CDET Headquarters at Quantico, VA. The PME support contract cost is \$12.9M and the cost for Blackboard Learn is \$407K.

### **United States Air Force**

**1. Title of activity providing learning content and/or information technology:** Advanced Distributed Learning System (ADLS), U.S. Air Force e-Learning Program

**Description of the project/activity:** The Air Force ADLS is the AF Enterprise solution that delivers online courses, tracks learner progress, and provides reports for individuals, supervisors, training managers, and commanders.

**Type of learning content and/or information technology provided:** ADLS currently consists of 18 partner sites which deliver:

- MAJCOM Courses
- Technical & Flying Training
- AF Ancillary Training
- Expeditionary Skills Training
- Language and Culture Training
- Career Development Courses
- Professional Military Education
- Functional Area Courses

**Recipients:** All Air Force ancillary training is centralized through ADLS. ADLS today delivers 2,264 online training courses for more than 1.4 million registered users and logs approximately 9.5 million course completions annually. Air Force personnel, and certain foreign personnel, who are issued a valid ADLS on-line account and Common Access Card (CAC) card, are eligible to access online courses.

- Number of foreign personnel who accessed an ADLS online course during FY15: 9,552
- Total number of ADLS courses accessed by foreign personnel: 75,593
- Foreign personnel who accessed ADLS online courses during FY14 are from the following 38 countries:

Afghanistan	Ecuador	Japan	Qatar
Antigua and Barbuda	Georgia	Republic of Korea	Singapore
Australia	Germany	Luxembourg	Spain
Bahrain	Greece	Madagascar	Taiwan

Belgium	Greenland	Mexico	Turkey
British Indian Ocean Territories	Guam	Netherlands Antilles	United Kingdom
Canada	Honduras	Norway	United States Minor Outlying Islands
Cote d'Ivoire	Iraq	Oman	Uruguay
Denmark	Italy	Portugal	
Djibouti	Jamaica	Puerto Rico	

**Value:** The total value of the services attributable to foreign personnel accessing training on the ADLS in FY15 was \$51,403. The average cost per course for ADLS to provide online training management services (hosting, record keeping and reporting) was approximately \$0.68 per course in FY15. This does not include course proponent costs for training analysis or product design/development. Typically, ADLS-hosted training products are developed either by government personnel or through Air Force contracts managed by various organizations, and those costs are not centrally tracked by any single Air Force organization.

**Additional information deemed relevant to gauge the success of the activity:** ADLS provides a capability for communities to design and develop branded sites, with their own unique graphical layouts and functionality, to provide learners with customized training while maintaining a single baseline code and infrastructure. Site partners are provided the capability to deliver Sharable Content Object Reference Model (SCORM®) conformant courses, track learner progress, and provide reports and completion data for all delivered content. Data is stored online, eliminating the need for paper records.

## **2. Title of activities providing learning content and/or information technology:**

- Air Education and Training Command (AETC), Randolph AFB, TX
- Air Mobility Command (AMC), Scott AFB, IL
- Air University (AU), Maxwell AFB, AL
- Defense Institute of Security Assistance Management (DISAM), Wright-Patterson AFB, OH
- Joint Special Operations University, Tampa, FL

**Description of the project/activity:** The aforementioned Agencies, USAF Major Commands, and Institutions provided training categorized as on-line, Distance Learning (DL), or computer-based for Air Force Programs, both Grant and Foreign Military Sales (FMS) cases. Training categories were Officer Management/Postgraduate, Professional Military Education (PME), and Technical Operations

**Recipients:** The following 13 countries took courses in FY15:

Australia	South Korea	Saudi Arabia	United Kingdom
Bangladesh	Lithuania	Slovak Republic	
Canada	New Zealand	Slovenia	

Japan	Pakistan	Turkey	
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**Type of learning content and/or information technology provided:**

Distance Learning courses completed by foreign students are:

- Air War College (AWC)
- C-17 Aerial Port Expeditor Course
- Financial Management
- Human Systems Integration (HSI) Certification
- Security Cooperation Management
- Strategic Warning Analysis Certification
- Introduction Course to Special Operations Forces
- Joint Special Operations Forces Senior Enlisted Academy Phase 1

**Value:** 35 students attended (either currently enrolled or confirmed to take courses) in FY15 at a total cost of \$62,000. Seven of the 35 students were funded via the International Military Education and Training (IMET) at a cost of \$21,000.

**Additional information deemed relevant to gauging the success of the activity:** Air Force DL program expands PME opportunities and certification training to international partners in a highly cost effective manner. The outcome and impact of DL, on-line, or computer-based training participation enhances the U. S. Air Force Building Partnership efforts in a highly cost-effective manner. In addition, foreign partner attendance helps create a more rounded officer with a better understanding of the United States military who can contribute more fully and effectively as a valued coalition partner in operations around the world.

**United States Navy**

The Navy reported that they did not use this authority.

**Conclusion**

The authority granted under 10 U.S.C. 2249d is applied across a wide range of activities to provide online education and training content to military and civilian personnel of friendly foreign governments. The content usage and the number of activities developing and distributing such content continue to grow, increasing the opportunity for the appropriate extension of U.S. operational influence to enhance multi-national operations and joint training exercises. There is significant demand in the international community for content that will enhance the interoperability of forces whatever the mission, and this authority has provided a tool to help meet that demand in a way that complements U.S. long-term security and building partner capacity interests.