

This is Google's cache of <http://www.au.af.mil/au/awc/news-archive.htm>. It is a snapshot of the page as it appeared on Apr 2, 2015 13:09:32 GMT. The [current page](#) could have changed in the meantime. [Learn more](#)

Tip: To quickly find your search term on this page, press **Ctrl+F** or **⌘-F** (Mac) and use the find bar.

[Text-only version](#)

[banner at top of page](#)

AWC shield

[Air University](#)

[AU Directorates](#)

[AU Schools](#)

[Library](#)

[The Wright Stuff](#)

[Other AU Links](#)

[AU Foundation](#)

MAXWELL AIR FORCE BASE, MONTGOMERY, ALABAMA

[AWC Home](#)

[Welcome](#)

[About AWC](#)

[Curriculum](#)

[Assessment](#)

[Transcripts](#)

[Faculty](#)

[Students](#)

[Coming Here](#)

[Research](#)

[Distance Learning](#)

[Publications](#)

[Nat'l Security Forum](#)

[Family Program](#)

[Alumni Page](#)

[Key Links](#)

[Site Map](#)

[Contact Us](#)

[Air Force Link](#)

archive of news from the home page

Former AWC Commandant retires from the Air Force

Major General Steve Miller, former Commandant of the AWC, recently retired from the Air Force after 32 years of service. He was our Commandant from July 2006 to June 2008. Please see the news story at the following link for more details: <http://www.maxwell.af.mil/news/story.asp?id=123184720>

Air Education & Training Command Symposium, 14-15 Jan 2010

Air War College professors, representing all the AWC academic departments and subject matter areas, were featured speakers at the 2010 Air Education and Training Command Symposium. They spoke on current events about every major national security topic and global region.

In addition, the National Space Studies Center (NSSC) conducted its "Air Force Symposium on Space: Space as a Contested Environment" in association with the AETC symposium.

2009

Former Commandant Honored

Lt Gen (ret) Timothy Kinnan, AWC Commandant 1997-98, was honored recently by Purdue University. He was one of a select group of alumni presented with the Purdue University Outstanding Aerospace Engineers Award. General Kinnan (MSAAE, 1971) is one of only about 1 1/2 percent of Aeronautical and Astronautical Engineering graduates to have received this honor. He is currently the CEO of Wallace Lighthouse Consulting Group. When interviewed by Purdue before the award ceremony, General Kinnan had this to say:

"In studying the discipline of engineering, we learn more than just engineering. We develop a way of thinking that applies to all facets of life. Disciplined, yet curious, and open to exploring new hypotheses, the engineer is the first to ask 'why not?' Although I have little practical experience in the engineering disciplines, I credit my engineering education for much of my success in both military and business careers."

(notice of award in Purdue *Aerogram* newsletter, Fall 2009 -- quote from the Purdue engineering website)

Air War College Welcomes New Class

Air War College seminar

The Spaatz Center's Air War College, the senior Air Force military school, welcomed 238 students into a new class that began July 27 and will graduate in May of 2010. In addition to Air Force officers, the class includes officers from all U.S. military branches as well as 45 international officers. Eighteen civilians are also attending. In photo at right seminar instructor Col Chuck Eastman talks with students (from left) Lt Col Denise Irizarry, Col Wishnu Sukardjo from Indonesia, civilian Randy Caves, marine Lt Col Mike Scalise and Lt Col Dan Daniels.

Future Operators Symposium, 21-23 July 2009

Sponsored by the Air Force Research Institute, the Air War College played host to the Air Force Future Operator Symposium 20-23 July, 2009. The mission of the Future Operator Symposium was to define the term "Operator" to determine future operator competencies, and to make specific operator educational, training and experience recommendations to the Commander, Air Education and Training Command.

Future Operator Symposium attendees explored future developmental, training and educational issues the Air Force may face in the next 7-10 years. In doing so the attendees helped the Air Force both define and recommend developmental paths as well as education and training requirements, for operators across the air, space and cyberspace domains. Numerous plenary session presentations and break-out working groups addressed questions such as: What is an "Operator in Air, Space and Cyberspace? What competencies will Operators need in 7-10 years from now to accomplish their missions? Do any common "Operator" competencies exist between the air, space, and cyberspace domains? What the "Operator" career path should look like? and many others.

Final recommendations will be presented to the Commander of Air Education and Training Command.

Air War College graduates 237

Students from Air War College graduated May 28 during a ceremony at the Squadron Officer College's Polifka Auditorium. The class of Academic Year 2009 consisted of 192 U.S. students, of which 113 were Air Force, seven Air Force Reserve, seven Air National Guard, 25 Army, 10 Marines, nine Navy and 21 civilians. Also graduating were 45 international fellows totaling 237 graduates.

During the ceremony, the keynote speaker, retired Gen. Ronald Keys, told the graduates they need to be committed to warfare, as they belong to the profession of arms. General Keys, a former commander of Air

Combat Command, said the students should be aware that the challenges officers face and the decisions they make can have far-reaching implications.

Air War College is the Air Force's senior officer education program, and graduates of the college receive master's degrees.

May 28 also brought the AWC Class of 09 awards ceremony. Winners of the top AY09 awards were:

- Col. Patrick J. Owens, USAF, Secretary of the Air Force Leadership Award - recognizes the individual student who demonstrated the greatest leadership ability;
- Col. Danilo Morando, Italian Air Force, Wright Brothers Officership Award - sponsored by Air University Foundation and awarded to the student who made outstanding contributions to the success of his or her class;
- Lt. Col. James E. Colebank, USAF, Distance Learning (DL) Academic Excellence Award - presented to the DL Program's top academic performer to honor the 3,102 distance learning students unable to attend these ceremonies.

AWC announces SECAF Leadership Award Winner

Air War College announced the recipient of its Secretary of the Air Force Leadership Award. This award is given annually to the graduate who demonstrated the greatest leadership while attending the respective school.

Col. Patrick J. Owens "epitomized those characteristics of leadership and officership the school strives to develop in senior leaders." As the class president for 2009, he directed more than a dozen functions to include school-wide social activities and community service projects for Montgomery and surrounding communities.

Colonel Owens organized AWC students in supporting several of their classmates and faculty members who were undergoing personal hardship, according to his citation. "He is a team leader who promotes cohesion and brings out the best performance in everyone."

Air War College announces top distance learning graduate

Air University Spaatz Center's Air War College reviewed the academic records of its Distance Learning Program graduates for 2008, and of the 3,102 students who attended the DL program, a lieutenant colonel from Arnold Air Force Base, Tenn., took top honors.

AWC recognized Lt. Col. James Colebank at an AWC award ceremony May 28 as having the highest overall grade point average and presented him with the Distance Learning Academic Excellence Award for Calendar Year 2008. Of the 3,102 DL students, only 31 members, or 1 percent of the total, had an overall grade of "outstanding."

The Spaatz Center commander and commandant of the Air War College, Maj. Gen. Maurice H. Forsyth, notified Colonel Colebank of his distinction and invited him to participate in AWC's National Security Forum held May 18-22 and the college's May 28 resident school graduation ceremonies here at Maxwell Air Force Base.

General Forsyth presented Colonel Colebank with a model of the "Wright Flyer" to formally recognize his achievement. The award resembles the monument on Maxwell's Chennault Circle that commemorates the Wright Brothers' Aviation Training School established in Montgomery in 1910.

56th Annual National Security Forum, 18-22 May 2009

Air War College hosted this year's National Security Forum (NSF) 18-22 May. 138 NSF 2009 group photo attendees from all across the nation participated, the largest class in 5 years. Highlights during the week included:

- Get-Acquainted Dinner: NSF guests, Air War College students and faculty gathered for a formal dinner at the Officers' Club. The featured speaker was General William Fraser, the USAF Vice Chief of Staff. After dinner, the USAF Band, The Strolling Strings, played for the audience.
- Ambassador Ryan Crocker, the former U.S. Ambassador to Iraq, opened NSF as our keynote speaker and he gave a presentation on diplomacy in the Middle East.
- Dr. Jeff Record, Professor of Strategy at the Air War College, gave a presentation on "Why Insurgencies Win (and Lose)."
- Mr. Mark Clancy, Senior Vice-President, Information Security Technology at Citigroup, Inc., gave a presentation on cybersecurity.
- Dr. Barry Posen, Ford International Professor of Political Science at Massachusetts Institute of Technology, gave a presentation on U.S. national strategy.
- Aerial Demonstration and Static Displays: Our aerial demonstration included flyovers by a B-1, B-2 and B-52 bombers and demonstrations by the F-16 demonstration team from Shaw AFB, SC, and the F-22 demonstration team from Langley AFB, VA. Our static displays included helicopters (AH-1, MI-17, MH-60, and UH-1), fighters (F-15C, F-16, and F-22), command and control aircraft (E-3 (AWACS), E-8 (JSTARs), and EC-130), a tanker (KC-135), airlift aircraft (C-5, C-21, and C-130), trainers (T-1, T-6, T-37, and T-38), and a C-182 from the Civil Air Patrol.
- Dr. Stephen Burgess, Associate Professor of International Security Studies at the Air War College, gave a presentation on why we need U.S. Africa Command.
- Dr. Peter Singer, Director, 21st Century Defense Initiative at the Brookings Institute, gave a presentation on his new book, "Wired for War: The Robotics Revolution and Conflict in the 21st Century."
- The Honorable Michael B. Donley, Secretary of the Air Force, closed out the NSF as our capstone speaker and he spoke about his vision for the Air Force.

For more information, please see the news stories ["F-22 'Shows its Stuff' at Maxwell"](#) and ["Air War College hosts 56th National Security Forum"](#)

[read more about NSF on its website](#)

Taking first place at the Jim Thorpe Sports Days in tennis are (from left) Lt. Col. Jeffrey Hinrichs, Col. James
Air War College places third in Jim Thorpe Sports Days

Air War College athletes competed successfully in tennis, racquetball and trap shooting events at the 2009 Jim

Thorpe Sports Days on April 23-25, hosted by the Army War College at Carlisle Barracks, Penn. The competition pitted students from the Air War College, Army War College, Industrial College of the Armed Forces, National War College and the Marine Corps War College in an annual match up of the nation's senior service schools.

Once the dust settled, AWC's trap, racquetball and tennis teams shut out their competition and secured third place overall.

Read rest of article [here](#)

Defense Secretary Robert Gates speaks at Air War College, 17 Apr 2009

Gates seeks to shift thinking on budget, war - Defense Secretary Robert M. Gates spoke to students at Air War College on April 15. This is the second stop on his trip to visit each of the military services' war colleges. (Air Force photo by Donna Burnett)

MAXWELL AIR FORCE BASE, Ala. -- Defense Secretary Robert M. Gates today made his second stop this week at a service war college, spelling out his thinking behind shifting \$13 billion in warfighter programs away from traditional supplemental funding and into his base fiscal 2010 budget proposal.

This is the first time Gates has traveled to speak to each of the services after releasing a budget proposal, and the trip speaks to the significance of his shift in focus to transform the Defense Department bureaucracy and balance the need to plan for future conflicts while providing for today's troops and families.

"How do we establish within the ... Department of Defense bureaucracy the ability to walk and chew gum at the same time?" Gates asked while speaking to Air Force leaders attending the Air War College here. "[How do we gain] the ability to plan for future war and at the same time have people come to work every single day saying, 'What can I do to help the warfighter today?'"

The secretary said his budget recommendations are a reflection of his past two years in office, during which he has struggled against an unwieldy bureaucracy to get equipment quickly to troops in combat and proper care for them when they return home.

[read rest of article](#) or
[see transcript of speech](#)

AFRICOM Symposium, Mar 31-Apr 3, 2009

Air University in cooperation with Africa Command (AFRICOM) and 17th Air Force (the Air Force component of AFRICOM) sponsored this policy symposium. This was not an academic conference but, instead, an interactive dialogue among experts in various fields. The symposium was divided up into four tracks with each track sub-divided into a number of workshops in which the participants created a set of proposals for the sponsors. These policy recommendations for AFRICOM's and 17th Air Force's future operations focused on the possible ways the air component can contribute to AFRICOM's mission. In the spirit of the effort to

expand AFRICOM beyond the operations of a military command, the symposium's goal was to have a wide variety of participants drawn from not only the military world, but also from the wider US government, business, academia and civil society. Coordinators of the symposium and leads for Tracks 1, 2, & 3 were Air War College Faculty and Staff.

- TRACK 1: Air Domain Safety and Security in Africa
- TRACK 2: Utilizing Capability While Building Partnership Capacity
- TRACK 3: Strengthening Relationships and Building a Security Cooperation (Phase Zero) Gameplan
- TRACK 4: Future Look: Sustainable Security through Development and Conflict Mitigation

NSF Alumni Outreach Program, Mar 31-Apr 3, 2009

Air War College held its fourth NSF Alumni Outreach Program at Eglin and Hurlburt Air Force Bases near Ft. Walton Beach, Florida. 42 alumni attended and heard presentations from:

- General Stephen Lorenz, Commander of Air Education and Training Command, discussed the future of the Air Force;
- Lieutenant General Robert Elder, Commander of 8th Air Force, discussed the Air Force's nuclear enterprise;
- Lieutenant General Donald Wurster, Commander of Air Force Special Operations Command, discussed the Air Force's role in irregular warfare;
- Major General David Eidsaune, Commander of the Air Armament Center, discussed his mission and how Eglin AFB supports current operations; and
- Captain Stewart Parker, from Air Force Special Operations Command, gave a presentation on Operation COMMANDO WRATH, describing the role of the Air Force in today's warfighting operations.

The alumni also toured the Climatic Laboratory (tests aircraft, equipment, etc. in various climatic conditions), the Taconi Room (shows displays, models and videos of weapons developed and tested at Eglin AFB), and the 4th Special Tactics Training Squadron (trains personnel on the various special operations missions).

The purpose of our Alumni Outreach Programs is to update NSF alumni on current Air Force and national security issues, to expose them to different Air Force missions, and to allow NSF alumni to network amongst themselves. Previous programs were held at Randolph AFB, Texas; MacDill AFB, Florida; and Nellis AFB, Nevada.

For more information, please see [Maxwell AFB](#) and [Eglin AFB](#) news stories.

Air War College student saves lives in Africa water rescue

Lt. Col. Keith Andrews (left), an Air War College student, scrambles to rescue two girls in the water at the top of Victoria Falls in Zambia as another woman looks on. Colonel Andrews was visiting the tourist attraction in Africa as part of the school's Regional Cultural Studies class when the girls fell into the water. (Air Force photo by Col. Harold L. Wilson)

An Air War College student at Maxwell jumped to action to prevent two girls from careening over one of the

world's largest waterfalls March 8.

During a school trip to Africa, Lt. Col. Keith Andrews rescued two girls who fell into the water at the top of Victoria Falls in Zambia.

The morning his Regional Cultural Studies class crossed over from Botswana into Zambia, they walked down to Victoria Falls and took photographs at the front of the falls, donning raincoats to keep themselves dry.

As four of the class's men walked to the top of the falls for more photos, the Columbus, Ga., native said his "father instinct" raised his awareness of a group of girls on a rock, dangerously close to the water, talking on a cell phone. The girls were about 150 feet from where the river drops 400 feet downward, witnesses reported. One girl allegedly bumped into another and both girls lost their footing and fell into the cold water.

"As I turned around when I heard them splash in, I first saw the looks on their faces; they were desperately grabbing for the edge and the water was sucking them out," the colonel said.

"Immediately, I jumped down there, right on my knee," he said. "I was able to brace myself and also reach back and hold on to the other rock. If I'd have been a split second later they'd have been gone.

"There were two girls who went into the water," Colonel Andrews said. "The other girl, she was almost a real goner. She was holding on to the leg of the girl closest to the land, and she was screaming. I leaned as far as I could to reach the closest girl and grabbed her arm and wrist, then pull them both up and out of the fast-moving river."

[read rest of article](#)

2008

Chairman of the Joint Chiefs of Staff visit, 28 Oct 2008

MAXWELL AIR FORCE BASE, Ala. -- The nation's top military adviser completed a whirlwind tour of several Baltic States earlier in the month and addressed an array of topics to Air Force leaders Oct. 28 here.

From cooperation with allied countries to the care of fallen military members' families, Navy Adm. Michael G. Mullen, the chairman of the Joint Chiefs of Staff, addressed gatherings of students from across Air University.

Among other things, he emphasized the need for open, ongoing dialogue among countries.

"We've got some 60 countries represented here at Air University," the admiral said. "These countries send their best people, many of whom may end up leading their military. We send our best talent here as well."

The benefit in such a setting lies in the personal relationships built between American and international officers, he said. As an example, the admiral talked about a senior U.S. Navy officer who attended India's war college and became friends with his classmate, the head of the Indian navy. When the tsunami hit Indonesia in 2004, the friends were immediately in contact.

"That cut through enormous bureaucracy," Admiral Mullen said. "It facilitated working together in ways no one ever imagined."

[read rest of article](#)

Adm. Mullen with Q&A at Air War College

PAJE Assessment Visit, 20-23 Oct 2008

The AWC completed the Chairman of the Joint Chiefs of Staff's (CJCS) Process for Accreditation of Joint Education (PAJE) assessment during 20-23 Oct 08. Brigadier General Michael Rounds, USA (JS/J7) and his PAJE assessment team will recommend to the CJCS that the Air War College be accredited for Joint Professional Military Education (JPME) Phase II for 6 years starting 23 October 08. The Phase II accreditation follows two years of being initially certified to teach Phase II and it allows Air War College US military graduates to receive Phase II JPME credit toward becoming Joint Qualified Officers.

National Security Forum, 12-16 May 2008

Each year the Air War College (AWC) hosts the National NSF group photo
Security Forum (NSF). The Secretary of the Air Force sponsors the forum. NSF began in 1954 as an expansion of the Civilian Outreach Seminars held from 1947 through 1949. The Forum has been conducted each consecutive year since 1954. The purpose of the NSF is to expose influential American civilians to the United States Armed Forces in order to gain an appreciation for each other's perspectives. It's an opportunity for the AWC students, our future military leaders, to interact with a broad cross-section of civilian leaders from businesses, universities, industry, media, law, the clergy, and state and local governments. On average, about 120-130 guests attend the NSF each year.

The primary objective of the NSF is a frank and candid exchange of views on national security matters among our invited guests, Air War College students, and senior military and civilian leaders. The week is devoted to exploring the many issues that affect the current and future security of our country.

[read more at NSF website](#)

Culture and Language Center expands Air Force-wide

Air University's Culture and Language Center is beginning an evolutionary change toward becoming an Air Force-wide institution focusing on culture and language throughout the service.

[read full article](#)

2007

Using UAVs against Insurgents

Dr Adam Cobb, AWC professor, was featured in an ABC TV "Asia Focus" segment, discussing the use of unmanned aerial vehicles to counteract the hit and run tactics of insurgents.

[click here to watch video \(7 min\)](#)

Space Education Symposium

The National Space Studies Center at Air University sponsored a [Space Education Symposium](#) 25-28 September. The theme of the symposium was *"Building an Educational Foundation for Understanding Our Shared Dependency on Space"* and featured presentations and panel discussions from distinguished personnel in space education from the military, civilian and agency communities.

The National Space Studies Center is funded by Congress through the efforts of Congressman Terry Everett of Alabama who strongly supports national space efforts, especially in the area of increasing efforts to educate the public on the uses of space and how to protect these critical assets.



Distinguished speakers for the symposium included presenters and panelists from the National Reconnaissance Office (NRO), National Security Space Office (NSSO), Center for Space and Defense Studies, the National Space Science and Technology Center, Universities Space Research Association, Naval Postgraduate School, and Marine Corps University, with many other distinguished keynote speakers, panelists and guests. Also on hand were Maj Gen Stephen J. Miller, Commandant of Air War College and Lt Gen Stephen R. Lorenz, Commander of Air University.

Panels focused on how the military, civilian and interagency institutions can better educate their students and the general public on the nation's dependencies on space from a national security and economic standpoint and were moderated by the Director of the National Space Studies Center, Col Sean McClung, and the Air University Space Chair for Air Force Space Command, Col (sel) Sherry Stearns-Boles. There were opportunities for questions and informal discussions with the speakers.

[visit symposium website and see posted briefings](#)

Behavioral Influences Analysis Methodology Conference

BIA context circle

On 18,19 Sep 2007 the Behavioral Influences Analysis Center (BIAC) hosted the "Strategy to Tactics: BIA for Actionable Insights on Adversary Behavior" Conference. Presenters included developers and practitioners of the BIA methodology for analyzing, anticipating, and influencing adversary behavior. Attendees came from the

Air Force, SOF, DoD unified commands, military and national labs, and civilian universities.

[see more info at the BIAC web site](#)

Dr Jeff Record's new book is out

Professor Record's new book, [Beating Goliath: Why Insurgencies Win](#), has been published.

2006 AWC grad returns from space

photo of Col Drew

Colonel Benjamin Alvin Drew, Jr., 2006 graduate of Air War College ([see bio](#)), was assigned to the crew of the orbiter *Endeavour* for shuttle mission [STS-118 \(click for mission details\)](#), which returned successfully on 21 Aug 2007.

Understanding adversary behavior and intent

The [Air Force Behavioral Influences Analysis Center](#) sent five Air Force participants to the [Carnegie-Mellon CASOS Summer Institute, June 25 - July 1](#) for development of analysis skills regarding assessing and influencing adversary intent and behavior.

National Security Forum, 14-18 May 2007

Each year the Air War College (AWC) hosts the National Security Forum (NSF). The Secretary of the Air Force sponsors the forum. NSF began in 1954 as an expansion of the Civilian Outreach Seminars held from 1947 through 1949. The Forum has been conducted each consecutive year since 1954. The purpose of the NSF is to expose influential American civilians to the United States Armed Forces in order to gain an appreciation for each other's perspectives. It's an opportunity for the AWC students, our future military leaders, to interact with a broad cross-section of civilian leaders from businesses, universities, industry, media, law, the clergy, and state and local governments. On average, about 120-130 guests attend the NSF each year.

The primary objective of the NSF is a frank and candid exchange of views on national security matters among our invited guests, Air War College students, and senior military and civilian leaders. The week is devoted to exploring the many issues that affect the current and future security of our country.

[read more at NSF website](#)

Air Force Counterinsurgency Symposium, 24-26 April 2007

The Air Force in counterinsurgency, or "COIN" as it is more frequently called, was the [COIN Symposium logo](#) central focus of a three-day forum held at the Air War College, Maxwell AFB, Alabama, from 24 to 26 April

2007. All too often, COIN has been mistakenly summarized as a minor issue or subset of some larger fight but Irregular Warfare including COIN is fundamentally different than the attrition warfare common to major combat operations. Combining distinguished speakers and a series of workshops, the symposium goal was to understand not only the active fighting role that might fall to USAF assets in a COIN environment but rather the full spectrum of AF efforts that can enable, sustain and achieve the desired effects in a winning strategy.

Air University hosted this AF symposium on behalf of its sponsors: Headquarters Air Force, Air Combat Command and the Air Force Special Operations Command. Distinguished speakers included Dr. Colin Gray, Dr. Conrad Crane, LTC John Nagl, Dr. Jim Corum, Dr. David Ochmanek, and AF Generals Keys, Chandler and Wurster. The ten workshops provided both a joint planning phase-centric perspective and a functional cut at several key issues.

[see COIN Symposium web site for more information](#)

Skills for a global mission: Culture and Language Center's goal is training airmen to work anywhere

... The American military's shortcomings in cultural expertise became apparent shortly after the invasion of Afghanistan in 2001, Henk said, and leaders of all the branches began looking at ways to solve the problem.

Chief of Staff Gen. T. Michael Moseley has frequently commented on the need for airmen to be better equipped with language and cultural skills, and he ordered Air University to explore how to incorporate those skills into professional military education.

The [Culture and Language Center](#) at Air University stood up last April to undertake that task.

[read full article](#)

Modeling Adversary Behavior Conference

BIA context circle

On 8,9 March 2007 the Behavioral Influences Analysis Center (BIAC) hosted at Air War College the "Modeling Adversary Behavior: Tools for the Warfighter" Conference. Presenters included DoD and university developers of enhanced tools for modeling and anticipating adversary behaviors. Attendees came from the Air Force, SOF, DoD, National Labs, and civilian university communities.

[see more info at the BIAC web site](#)

Air War College receives joint Phase II certification

AWC Commandant, after receiving JPME Phase II Air War College, the Air Force's senior service school, located at Air University here, received Joint Staff J-7's recommendation for Joint Professional Military Education Phase II certification at the culmination of a visit by a certification assessment team in late November. The

recommendation becomes final once approved by the chairman of the Joint Chiefs of Staff.

...

"It's difficult to get accreditation," said Army Brig. Gen. Arthur Bartell, a member of the executive committee of the assessment team. "It's tough, and it ought to be. That says something about the hard work being done here and the quality of faculty. I am proud of their effort."

[read full article](#)

[see privacy and security notice](#) .. reviewed/updated 1 Sep 2010 .. [FOIA](#)