INFORMATION OPERATIONS EVENTS CALENDAR
AS OF 06 FEBRUARY 2006
Events Added Since 20 January 2006

06 Feb-30 Sep 06

Vermont Army National Guard's IO 101 Fundamentals of Information Operations (IO) online self-paced. IO101 is a basic course for personnel who need to conduct or plan IO. Employing 40 hours of self-paced web based instruction with Subject Matter Expert (SME) Point of Contact (POC)(by proxy). Students are provided with an understanding of military IO. Target Audience: All service members (Active Duty, Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.milReserve, National Guard) who are in pre-mobilization status or who need fundamental IO skills.

28 Feb–02 Mar 06

Diskless Workstation Technology Conference will be held at the Hilton Anatole Hotel in Dallas, TX. This conference being sponsored by The Department of Energy's Diskless Workstation Taskforce (DWTF) will provide attendees an opportunity to learn about, investigate and discuss policy issues and emerging technologies related to classified and unclassified diskless computing through workshops, lectures and vendor exhibits. The DWTF will also take advantage of the conference to gain insight and input from program elements, Department field elements, and Maintenance & Operations contractors on future focus areas for research, development and deployment of diskless technologies within the Department. Please visit the website for additional information. Industry may attend as well as exhibit. Website: http://www.fbcinc.com/diskless/ or contact David Powell on 301-206-2940x210 with questions regarding the conference.

05-26 Mar 06

Vermont Army National Guard's Incident Response Handlers (IRH) Distance Learning. This basic Information Operations (IO) technical course is for Computer Network Defense Team (CNDT) members, network administrators, and system administrators. With 40 hours of web based learning with Subject Matter Expert (SME) instructor involvement, this course is the pre-requisite for the Operational Training Experience (OTE) course. **Target Audience**: Reserve Component US Army personnel who are assigned or are pending assignment as members of a National Guard CNDT, or who have related System Administrator duties. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

20 March 06

19th Annual FISSEA Conference at the Bethesda North Marriott Hotel and Conference Center. The annual FISSEA (Federal Information Systems Security Educators` Association) Conference is the national forum for government, industry, and academic managers, educators, and researchers involved with information systems security awareness, training, and education. Membership is open to information systems security professionals, trainers, educators, and managers who are responsible for information systems security training programs in federal agencies. Contractors of these agencies and faculty members of accredited educational institutions are also welcome. This year's theme is "*Training for a Cyber Secure Future.*" As in previous years, the conference will include papers, tutorials, panels, presentations, networking opportunities, demos, and exhibits. For more information: http://www.fbcinc.com/event.asp?eventid=Q6UJ9A00AIB4

IO CALENDAR
Information Assurance Technology Analysis Center (IATAC)
Phone: 703-289-5454
Unclassified email: IATAC@dtic.mil
Fax: (703) 289-5467
URL: http://iac.dtic.mil/iatac

01-12 Apr 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

03-05 Apr 06 **Defense Research & Engineering Information for the Warfighter/DTIC 2006 Conference** at the Hilton Alexandria at Old Town, Alexandria, Virginia. The Defense Technical Information Center (DTIC) will host its first Commanders Conference, concurrently with the 32nd Annual DTIC Conference. The Commanders Conference will focus on information directly applicable to the needs of the Warfighter. Commanders, science advisors and other personnel associated with the Unified Commands will learn about the resources available to them within the DoD Scientific and Technical Information Program (STIP). Emphasis will be given to the mission-support opportunities available in current and potential products and services of the Director of Defense Research and Engineering (DDR&E) and DTIC. The DTIC Annual Conference will continue for two additional days with a program aimed at the information community. These conference attendees include scientists, engineers and professionals in the information science, technology, R&D and acquisition communities representing the DoD, other federal agencies and contractors. In the past approximately 300 attendees have participated. For exhibiting and registration information: http://www.dtic.mil/dtic/annualconf/index.html

23 Apr-06 May 06 **Vermont Army National Guard's Operational Training Exercise** Northfield, VT. Computer Network Defense Team (CNDT) Operational Training Experience (OTE) The OTE is a resident course using lecture, group labs, and practical exercises (PE), with an intense final PE (STX). Training CNDT members, this advanced IA level III (the Army's highest Information Assurance certification) course is open to CNDT personnel. No rank, MOS, or functional area limitations are made. DoD civilians and others are permitted on a case-by-case basis. IRH is a pre-requisite for this course. **Target Audience**: Reserve Component US Army personnel who are assigned or are pending assignment as members of a National Guard CNDT, or who have related System Administrator duties.

30 Apr-30 Jun 06 **Vermont Army National Guard's FA30 Information Operations Qualification Course** in Fort Leavenworth, KS. An in-depth study of IO, including the elements of offensive and defensive IO; studied from the perspective of the FA 30 officer, who has integration, coordination, and synchronization responsibilities at the Division and Corps staff levels; OPSEC, Deception, EW, PSYOPS, CA, Public Affairs, and Physical Destruction, Vulnerability Assessment, Military Deception, Combat Camera, Computer Network Defend, and Information Assurance; IO planning and planning products within the framework of the Military Decision Making Process (MDMP). Target Audience: Active and Reserve Component U.S. Army commissioned officers, CPT-COL, who are accessed into FA 30 and are assigned or are pending assignment to validated IO positions. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

17-18 May 06 **Joint and Coalition Interoperability in** Prague, Czech Republic. SMi's Joint and Coalition Interoperability conference will evaluate the issues facing the militaries different nations in developing interoperable doctrine, command and information systems, examining the inherent challenges and the means by which they can be overcome. The conference will focus on many facets of Coalition Interoperability, using recent operational experiences as demonstrations of the success achieved on the battlefield as well as the difficulties encountered. Special attention will also be paid to the current status of recent NATO accession nations and their requirements and ongoing programmes to become fully interoperable with fellow Alliance members. One of the greatest challenges during this time of rapid change is that different countries face different types of interoperability problems. In particular, nations with smaller economies, military forces, and budgets will more quickly run up against the reality that interoperability is expensive. This challenge must be overcome if the goal of a truly interoperable Alliance is to be achieved. To register simply go to: http://www.smi-online.co.uk/goto/Interoperability.asp?emref=R13ES191227827

03-14 Jun 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

04-25 Jun 06 **Vermont Army National Guard's Incident Response Handlers (IRH)** **Distance Learning.** This basic Information Operations (IO) technical course is for Computer Network Defense Team (CNDT) members, network administrators, and system administrators. With 40 hours of web based learning with Subject Matter Expert (SME) instructor involvement, this course is the pre-requisite for the Operational Training Experience (OTE) course. **Target Audience**: Reserve Component US Army personnel who are assigned or are pending assignment as members of a National Guard CNDT, or who have related System Administrator duties. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

21-22 Jun 06 **Federal Information Security Conference (FISC)** at the DoubleTree Hotel Colorado Springs, World Arena Colorado Springs, Colorado. This conference is designed to provide valuable guidance for the Federal government, industry, and academia. Information security issues will be discussed in the areas of security policies and strategies, use of technologies and securing infrastructure. This unique 2-day event will present information security tools and techniques available to assist Information Security professionals working in the Federal government. The proceedings will explore best practices in the field of Information Superiority and will continue to look at how the right information can flow freely, jointly and securely among academia, industry, DoD and civilian agencies. Information Assurance, Homeland Security and Information Operations/Knowledge Management will be the leading themes. For more information: http://www.fbcinc.com/event.asp?eventid=Q6UJ9A00A6GD

12-23 Aug 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

Coming Soon

More information to follow on the following events:

02-03 May 06 **IA Summit-Air Force Space Command** – Colorado Springs, CO - (Exhibitor Fee $1995 - https://www.fbcinc.com/reg1.asp)

COMPLETE CALENDAR AS OF 06 FEBRUARY 2006

06-08 Feb 06 **Software Security Summit** in San Diego, CA. This conference is your resource for understanding the security weaknesses in your software infrastructure, and for gaining the skills to combat existing security problems while developing new systems that are architected from the ground up to resist exploitation. The Software Security Summit is focused on providing technical education for three groups of people: Software architects and developers, who are now increasingly charged with designing and writing secure applications; Test/QA professionals, who must ensure that new applications meet security requirements; and systems and development managers, who are charged with ensuring that existing applications are protected against attack. For more information: http://www.s-3con.com/

06-17 Feb 06 **Naval Information Warfare Staff and Operations Course (NIWSOC) (CIN A-2G-0116).** NIOC Norfolk. Designed to prepare naval personnel assisted as information operations (IO) planners on or enroute to unified combatant commander, service component commander and numbered fleet staffs, as well as, for information warfare and deputy information warfare commanders assigned to carrier or expeditionary strike group staff. It is also suitable for individuals involved in IO as naval representatives assigned to DOD or other U.S. Government Agencies. Provides students with fundamental knowledge and skills to conduct naval IO planning. Students participate in a multi-faceted practical exercise that encompasses IO applications of Joint Operation Planning and Executive Systems (JOPES) In support of Commander's objectives, utilizing JOPES, students develop a comprehensive IO Plan that includes detailed environment awareness and shaping matrices, IO Commander's intent, IO mission statement, IO objectives, tasks and measures of effectiveness, and an IO synchronization matrix. Students brief their final product to a senior IO panel. QUOTA CONTROL. QUOTAS ARE OBTAINED VIA ONLINE REGISTRATION AT HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

06 Feb-30 Sep 06 **Vermont Army National Guard's IO 101 Fundamentals of Information Operations (IO) online self-paced**. IO101 is a basic course for personnel who need to conduct or plan IO. Employing 40 hours of self-paced web based instruction with Subject Matter Expert (SME) Point of Contact (POC)(by proxy). Students are provided with an understanding of military IO. Target Audience: All service members (Active Duty, Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.milReserve, National Guard) who are in pre-mobilization status or who need fundamental IO skills.

08–09 Feb 06 **Simulation Training and Synthetic Environments** will be held in London, United Kingdom. The 3rd event in SMi's Defense Training series - Simulation Training and Synthetic Environments 2006, will address the emerging trends within the international training environment and their impact on today's battlefield. It will provide a forum for discussion on the long term direction of combat training.
Taking account of rapidly enhancing synthetic environment technologies and the move towards a digitized battlefield, this event will discuss issues such as policy and doctrine, program requirements and updates, as well as the cutting edge capabilities of synthetic environments and simulation techniques for defense training. For more information and registration: www.smi-online.co.uk/simtrain9.asp

13-17 Feb 06 **Electronic Warfare Fundamentals and Planning Course (EWFP):** This is a 40 hour course that provides students the ability and knowledge to nominate EW targets in support of Information Operations (IO), and to integrate, synchronize, and coordinate EW execution with the remaining elements of IO. Course provides students the knowledge of electronic warfare concepts, fundamentals, doctrine, and capabilities within the Department of Defense (DOD). The instruction introduces radio wave propagation theory, radio/radar/electronic warfare (EW) system fundamentals, electromagnetic spectrum management, and a survey of electronic systems populating the battle space. The course includes an overview of current and emerging DOD EW doctrine, Army EW organization, EW platforms and mission types, intelligence support to EW, and the duties and responsibilities of an Electronic Warfare Officer (EWO) or the EW Coordinator (EWC). Training is conducted at the SECRET level. Course is open to military personnel (Pay grade E-6 and above), DOD civilians GS-9 and above, and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

13-17 Feb 06 **OPSEC Planners Course**: This is a 40 hour course designed to provide military and civilian personnel with the knowledge and methodology needed to effectively conduct OPSEC planning and related responsibilities. Examines how OPSEC supports and conflicts with supported and related activities of Information Operations. The course focuses on identifying critical information, threat analysis, risks analysis, vulnerability assessment, implementation of OPSEC measures, and development of an OPSEC Appendix to the IO Annex utilizing the Military Decision Making Process (MDMP). The training is conducted at the unclassified level. Course is open to military personnel (Pay grade E-6 and above). DOD civilians GS-9 and above and Contractors accepted on space available basis. Must have a general understanding of the concept of both IO and OPSEC. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

13-17 Feb 06 **Military Deception Planners Seminar Class 004** The MDPS is a 40-hour course designed to train individuals on the fundamentals of Military Deception planning in support of land component commanders. This training is conducted in a classroom environment using classified materials and involving discussions up to the Secret collateral classification level. Course prerequisites are a current Secret clearance. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.belvoir.army.mil

13-17 Feb 06 **Information Warfare Applications Course (IWAC)** **Class 06-D** - Conducted at the College of Aerospace Doctrine, Research and Education (CADRE) at Maxwell AFB, Montgomery, AL. This course educates students in the fundamental principles of Information Operations in accordance with Air Force and joint doctrine. The objective is to provide students with a broad understanding of Information Operations doctrine and insight into how Information Operations are applied across the full spectrum of conflict from peace to war. The course is a one-week course, and is taught at the college level through lectures, seminars, practical exercises, readings and computer based lessons. Course is available to all officers, enlisted, and civilian personnel of any branch of service within the DOD. A Secret clearance is required. To attend, contact your unit Training Manager, or e-mail the IWAC Course Chairman (Maj McCoy) at steven.mccoy@maxwell.af.mil. POC is Maj Steve McCoy, DSN 493-8258 or 334-953-8258. For more information, visit the IWAC web site at http://www.cadre.maxwell.af.mil/warfarestudies/iwac/iwacpage.html.

14-16 Feb 06 **Joint Senior Psychological Operations Course (JSPOC)** US Air Force Special Operations School/Joint Special Operations University, Hurlburt Field, FL. Conducted in seminar-format, the JSPOC includes 3-days of instruction through lectures, case studies, and panel discussions. The JSPOC benefits senior leaders and planners on how to plan for and facilitate operation of a Joint PSYOP Task Force or a major PSYOP program in a theater The JSPOC's goal is to enable leaders and senior staff planners to effectively integrate and employ joint psychological operations. An annual NATO JSPOC is held each October featuring participation by senior representatives from NATO partner countries. JSPOC presentations highlight issues manning, logistics, communications, intelligence products and services, interagency coordination, C2 and planning issues. One day is dedicated to special topics or "influence for executives". The JSPOC is suitable for experienced PSYOP personnel as well as other SOF and conventional planners. The JSPOC is targeted for grades O-5/6. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

14-23 Feb 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC Hawaii. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

20-21 Feb 06 **Homeland Security and Resilience 2006** Millennium Gloucester Hotel, London, United Kingdom. Recent events in London, Bali, Egypt and New Orleans have focused the attention of Governments and the private sector on ensuring homeland defense, economic security and asset and infrastructure protection following disruptive events. Establishing and developing the appropriate preparedness and responsiveness to terrorist attacks, natural disasters and wide area crises has returned to the top of government and industry agendas. With a view to increasing inter-agency and cross sector communication and co-operation, this conference will present the crucial security objectives that defense and resilience planning must consider to ensure national cross sector capability, and provide innovative proposals as to how they may be achieved. With a view to increasing inter-agency and cross sector communication and co-operation, this conference will present the crucial security objectives that defense and resilience planning must consider to ensure national cross sector capability, and provide innovative proposals as to how they may be achieved. For more information and registration: http://www.smi-online.co.uk/events/overview.asp?is=1&ref=2309

22-23 Feb 06 **Nanosecurity Workshop** As the promise of nanotechnology is realized, researchers at the NIST and SMU recognize the importance of understanding the security issues associated with fabrication and deployment of nanodevices. The focus of the workshop is to: (1) Identify new security applications enabled with the availability of nanotechnology components and (2) Characterize special security threats and requirements at the nanoscale. The workshop's main goals include: (1) Characterizing the role of nanoscale components in security IT systems; (2) Formulating security threats and requirements for nanoscale devices and their applications; and (3) Defining nanosecurity metrology to enable fabrication of secure reliable devices. For addition information: http://www.nist.gove/nano-sec

22-23 Feb 06 **First European Information Assurance for Defence Conference** in Thistle Selfridge, London, UK. IA for Defence will focus solely on information assurance for military communications and networks, making it a uniquely valuable European event. By attending, you will learn what IA technologies seem most promising for military use, what requirements are pending, and what policies seem to be working to make our networked communications more secure, from desktop to battlefield. As information is the weapon of choice in asymmetric warfare, key is guaranteeing that information can be trusted and will only reach its intended audience. Are you doing everything you can to make your communications immediately actionable? Are your databases safe from hackers with military agendas of their own? How can IA be achieved? Register yourself and a team today: http://www.iqpc.com/cgi-bin/templates/document.html?topic=228&event=8913&document=64927&slauID=2&

22-23 Feb 06 **Homeland Security Conference 2006** The AFCEA Homeland Security Conference has become the premier event in the Washington, D.C. area to learn about the most current homeland security issues facing our nation. The conference agenda is set by an advisory board made up of the government and industry individuals that are accountable for carrying out the DHS mission. This is THE venue where you will hear first hand about the critical issues facing our country in the fight against terrorism. The conference offers an opportunity for you to engage in the dialogue on critical issues with key government and industry executives. For more information: http://www.afcea.org/events/homeland/

27-28 Feb 06 **GEOINT** being held at the Hilton Washington D.C./Silver Spring, Silver Spring, MD is a two day seminar sharing cutting edge military case studies and insights from geospatial intelligence leaders. GEOINT has proven to be a vital weapon in the war against terror, providing the war fighter with an unprecedented view of the battlefield. This two-day seminar will share cutting edge military case studies and insights from geospatial intelligence leaders. At this seminar, learn about: GEOINT fusion
GEOINT's application to Homeland Security: Insurgency and Border Security Issues
How to incorporate geospatial rules and events in a collaborative environment
Dissemination, Collaboration and Communication of geospatial intelligence
For more information: http://www.idga.org/cgi-bin/templates/genevent.html?topic=329&event=8976&

27 Feb-08 Mar 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC Norfolk. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

27 Feb-02 Mar 06 **Federal Aviation Administration IT/ISS Partnership Conference**-The FAA will be hosting the annual Information Technology and Information Security conference in Denver, Colorado at the Adam's Mark. The event will serve as a training forum for FAA's IT and ISS personnel from across the nation. For industry, if you are interested in exhibiting or sponsoring a portion of the conference, please contact the Federal Business Council on 800-878-2940x210 and speak with David Powell or go to http://www.fbcinc.com/event.asp?eventid=Q6UJ9A00A4UW

28 Feb–02 Mar 06 **Diskless Workstation Technology Conference** will be held at the Hilton Anatole Hotel in Dallas, TX. This conference being sponsored by The Department of Energy's Diskless Workstation Taskforce (DWTF) will provide attendees an opportunity to learn about, investigate and discuss policy issues and emerging technologies related to classified and unclassified diskless computing through workshops, lectures and vendor exhibits. The DWTF will also take advantage of the conference to gain insight and input from program elements, Department field elements, and Maintenance & Operations contractors on future focus areas for research, development and deployment of diskless technologies within the Department. Please visit the website for additional information. Industry may attend as well as exhibit. Website: http://www.fbcinc.com/diskless/ or contact David Powell on 301-206-2940x210 with questions regarding the conference.

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06-10 Mar 06 **Joint IO Orientation Course (JIOOC) #0-06-2 – Joint Forces Staff College**: This course gives students a common baseline of IO knowledge. In this one-week course students are exposed to four blocks of instruction: Strategy; Intelligence support; IO Capabilities (Core, Supporting and Related); and Organization, Training, and Equipping. Each block of instruction includes a combination of instructor lecture, guest speaker presentations, guided discussions and/or panel discussions. The objective of the Joint IO Orientation Course is to educate and train U.S. Government (USG) personnel in the military grades of Captain/ Lieutenant (O-3) to Colonel/Captain (0-6) and civilian equivalents in the basics of joint Information Operations (IO), with a primary emphasis at the Combatant Command level. Specifically, the course focuses on teaching joint IO doctrine and current Department of Defense IO policy guidance as they apply to the operational level of joint warfare. This course is particularly relevant to those serving in support of IO cells and other staff positions that require a basic knowledge of Joint IO. If IO planning skills are desired, then the student should take the Joint Information Operations Planning Course (JIOPC). A TS/SCI clearance is required for the JIOOC. For registration: https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

07-09 Mar 06 **FOSE 2005** at the Washington Convention Center • Washington, D.C. FOSE is the nation's largest technology event serving the government marketplace! Tap into the unsurpassed potential represented by FOSE's high-quality government attendees and discover where government meets technology. FOSE provides a unique opportunity to reach those in government who have the authority, budgets and need to purchase your products, services and solutions. No other technology event delivers more government attendees than FOSE and no other show has a bigger impact on purchasing decisions than FOSE. For more information: www.fose.com

08-09 Mar 06 **Milspace 2006** – *Challenges and Changes* at the Royal Windsor Hotel in Brussels. SMi's inaugural MilSpace 2006 conference will explore recent developments in space systems and the growing importance of space applications for the military in the 21st Century. Bringing together a dynamic mix of high level government and military officials and leading suppliers and industry experts, the conference will examine SatCom capabilities, space surveillance, navigation, defense, intelligence and the importance of space agencies. MilSpace 2006 will provide a platform for discussion, giving a clear picture of the current issues surrounding military space.
For more information and registration: http://www.smi-online.co.uk/events/overview.asp?is=1&ref=2317

13-14 Mar 06 **Mid-Atlantic Information Security Forum** will be held at the Sheraton Premier Hotel in Tysons Corner, VA. This conference is a unique two-day event that offers tangible, real world insights to practicing, experienced network security professionals. Among the topics to be covered are: Data Protection, Application Security, Network Access Control, Vulnerability Detection & Management, and Wireless Security. To register: http://www.ianetsec.com/forums/splash.html?forum_id=26

14-15 Mar 06 **Military Technologies Conference in Boston, MA.** The Military Technologies Conference details the hottest and most promising technologies that will make the concept of transformation a reality. This in-depth technical conference and trade show not only will highlight the technological challenges facing the U.S. military services, but also will present solutions from the most influential systems integrators and subsystems contractors in industry. With expert government and industry presentations, the Military Technologies Conference charts the technological roadmap of the U.S. military's transformation to a more rapidly deployable and responsive force. Registration and exhibiting information: http://mtc06.events.pennnet.com/

14-16 Mar 06 **Third Annual DoD HoneyNet Workshop** is being held at the Red Lion Hotel, Richland, Washington. It's a cyber war with a variety of intruders, ranging from every day hackers to organized crime to nation states, trying to penetrate our networks, access our resources and compromise our information. The attackers are smart—constantly adapting, changing and improving. What can we do? Learn the tools, tactics and motives attackers use to capture your data and breach your networks and, most importantly, what you can do after they have gotten in. Find out who these attackers are, how they operate and why. For registration: https://secure.pnl.gov/honeynet/honeynet.nsf/registration?OpenForm

15-16 Mar 06 **ICIW 2006: International Conference on i-Warfare and Security** The International Conference on i-Warfare and Security offers an opportunity for those working and researching in this important field to come together and exchange ideas and experiences. Following the highly successful European Conference on Information Warfare and Security, it invites researchers to present current research findings. It offers an opportunity for discussion and deliberation and networking. For further information: http://academic-conferences.org/iciw/iciw2006/iciw06-home.htm

15-17 Mar 06 **PEO EIS Industry Day** The Armed Forces Communications and Electronics Association – Fort Belvoir Chapter hosts the 4th Annual AFCEA-Belvoir / PEO EIS Industry Day to inform the IT community about the recent successes and the forward-thinking opportunities that the Department of Defense and the Department of the Army have asked PEO EIS to develop. Enterprise Resource Planning (ERP) is the acronym of choice to define PEO EIS's role in the modular military and IT transformation. Bringing together vertical functionality to the horizontal enterprise is the Program Executive Office for Enterprise Information Systems' biggest challenge.

At Industry Day 2006, Program, Product and Project Managers from PEO EIS will avail themselves to industry officials and in a synergistic manner, collaborate to make intelligent partnerships for the way ahead. One on one opportunities will be available. For more information: http://www.fbcinc.com/peoeis/industryday.asp

20 March 06 **19th Annual FISSEA Conference** at the Bethesda North Marriott Hotel and Conference Center. The annual FISSEA (Federal Information Systems Security Educators` Association) Conference is the national forum for government, industry, and academic managers, educators, and researchers involved with information systems security awareness, training, and education. Membership is open to information systems security professionals, trainers, educators, and managers who are responsible for information systems security training programs in federal agencies. Contractors of these agencies and faculty members of accredited educational institutions are also welcome. This year's theme is "*Training for a Cyber Secure Future.*" As in previous years, the conference will include papers, tutorials, panels, presentations, networking opportunities, demos, and exhibits. For more information: http://www.fbcinc.com/event.asp?eventid=Q6UJ9A00AIB4

20-31 Mar 06 **Information Operations Capabilities, Application and Planning Course (IOCAP) - Class 004.** The IOCAP is an unclassified 80-hour course conducted in a classroom environment. Focus of training is application of full spectrum IO (planning, coordinating, executing, and assessing) as a member of an Army IO cell in both simulated deliberate and crisis action planning environments. Course prerequisites are a current Secret clearance and completion of the IO-101 CBT. Course is open to military personnel (Pay grade E-6 and above), DOD civilians and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

27-28 Mar 06 **Navy Operations Security (OPSEC) Staff Planner Course** This class is being conducted at the Navy Information Operations Command (NIOC) San Diego, CA. This course can also be provided via Video Tele Training (VTT) with prior coordination. This course is designed to train officers, enlisted and civilian personnel assigned to commands and staffs, ashore and afloat, of military and DoD organizations, to coordinate preparations for OPSEC within the command/mission; to include OPSEC planning as an initial step in all military/operational planning through the development of the OPSEC Annex; to conduct OPSEC Assessments/Surveys; and to develop and institute OPSEC training for command/unit. The course provides students with the fundamental knowledge and skills to perform duties as an OPSEC Officer/Coordinator for a command/unit, as well as provide guidance to develop/improve the command/ unit OPSEC awareness, training and implementation programs. To request quotas: scsd.quotas@navy.mil

27-29 Mar 06 **Gartner Wireless and Mobile Summit** is being held in Detroit, MI. Twelve months of accelerated change, innovation, and user demands for wireless networks and mobile devices mean you need better data and fresh perspectives to keep your organization moving ahead. Our dedicated team of wireless and mobile analysts are in the process of rolling out a brand new agenda for 2006 loaded with new research, new technology, new guest speakers, new predictions, new case studies and new solutions. For more information: http://www.gartner.com/2_events/conferences/ra9.jsp

27 Mar–21 Apr 06

At JIOC - San Antonio, TX

Joint IO Planning Course (JIOPC) #P-06-3 Joint Information Operations Planning Course – JIOPC - The mission of the Joint Information Operations Planning Course (JIOPC) is to establish a common level of understanding for IO planners and IO capability specialists in order to prepare students to serve in joint operational-level IO billets. This course will be a prerequisite for personnel assigned to the Joint IO career force. The objective of the JIOPC is to educate and train military students between the ranks of 0-4 through 0-6, and DoD Civilian equivalents, to plan, integrate, and synchronize full spectrum IO into joint operational-level plans and orders. The school accomplishes this through class presentations, guest lectures, case studies, and practical exercises in a joint seminar environment with a focus on the planning process. Throughout the course, students use traditional planning methodologies within the joint IO planning community. The course is based upon joint doctrine that is reinforced, when necessary, by a compilation of various tactics, techniques, and procedures from throughout the department of defense. Students will be assigned to a working group consisting of approximately eight to twelve individuals. Working groups conduct detailed planning using multiple scenarios and will be required to contribute to the development of written products and briefings. A TS/SCI clearance is required for the JIOPC. For registration: https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

28-29 Mar 06 **Aircraft Survivability 2006** This year's theme is *Protecting Air-Based Assets Through Systems Innovation*. The conference will be held at the Hilton Arlington, Arlington, VA. It will offer the opportunity to attend 16 unparalleled briefings and interactive seminars on aircraft susceptibility and vulnerability. This forum will provide the latest update on technology progress as well as platform development related to survivability. For information on exhibiting and registering: http://idga.org/cgi-bin/templates/singlecell.html?topic=221&event=9319

28-30 Mar 06 **2006 Controlling Authority and EKMS Conference** at the Marriott Waikiki Resort & Spa Honolulu, Hawaii. The 2nd Annual Controlling Authority and Electronic Key Management System (EKMS) Conference will provide important information about COMSEC/EKMS & Controlling Authority processes and technologies to members of the PACOM COMSEC community who have not been able to attend conferences at more distant locations. The event will combine presentations from the Information Assurance Working Group, Joint Key Management Infrastructure Working Group, COMSEC Manager Conference and Joint Intertheater COMSEC Package. For registration information: http://www.fbcinc.com/event.asp?eventid=Q6UJ9A009U7E

29-30 Mar 06 **Combat ID** The Hatton at etc. venues, London, United Kingdom. The ability to confidently and quickly distinguish between friendly and enemy troops is a vital and complex part of modern coalition warfare. Combat ID is fundamental to overall combat effectiveness and prevention of friendly fire in joint and combined combat environments. Despite all the revolutionary advances brought about by precision-guided weapons, the problem of friendly fire has still not been solved.
SMi's 5th annual conference on Combat ID will evaluate the key policies and advances in Combat ID for efficient and secure missions in theatre. The conference will address country specific initiatives and examine the latest concepts and their success on the battlefield.
http://www.smi-online.co.uk/events/overview.asp?is=1&ref=2318

29-30 Mar 06 **UAV Summit 2006** at the Hilton Washington DC/Silver Spring, Silver Spring, MD. This conference will examine emerging global policies and concepts, discussing the challenges to UAV transformation and integration on a national, multi-national and joint scale. Next generation technologies, systems and platforms will be assessed to identify where current UAV capability gaps can be filled, as will legal implications of airspace management, UAV global markets and future procurement opportunities for industry. For registration: http://idga.org/cgi-bin/templates/singlecell.html?topic=221&event=9237

01-12 Apr 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

03-05 Apr 06 **Defense Research & Engineering Information for the Warfighter/DTIC 2006 Conference** at the Hilton Alexandria at Old Town, Alexandria, Virginia. The Defense Technical Information Center (DTIC) will host its first Commanders Conference, concurrently with the 32nd Annual DTIC Conference. The Commanders Conference will focus on information directly applicable to the needs of the Warfighter. Commanders, science advisors and other personnel associated with the Unified Commands will learn about the resources available to them within the DoD Scientific and Technical Information Program (STIP). Emphasis will be given to the mission-support opportunities available in current and potential products and services of the Director of Defense Research and Engineering (DDR&E) and DTIC. The DTIC Annual Conference will continue for two additional days with a program aimed at the information community. These conference attendees include scientists, engineers and professionals in the information science, technology, R&D and acquisition communities representing the DoD, other federal agencies and contractors. In the past approximately 300 attendees have participated. For exhibiting and registration information:
http://www.dtic.mil/dtic/annualconf/index.html

03-05 Apr 06 **InfoSec World Conference & Expo 2006** in Orlando, FL. Don't miss this years event with an all new program packed with sought after keynotes and speakers, bonus sessions, special programs, a block buster expo hall, network receptions , live demos and so much more! A sneak peak at a few of the topics of sessions and workshops that you will be part of this year: Wireless and Remote Access , Identity Management, and E-Security. For additional information and registration:
http://www.misti.com/northamerica.asp?page=4&region=1&subpage=2&id=OS06&disp=showconf&title=InfoSec+World+Conference+%26+Expo+2006

03-07 Apr 06 **Information Warfare Applications Course (IWAC)** **Class 06-E** - Conducted at the College of Aerospace Doctrine, Research and Education (CADRE) at Maxwell AFB, Montgomery, AL. This course educates students in the fundamental principles of Information Operations in accordance with Air Force and joint doctrine. The objective is to provide students with a broad understanding of Information Operations doctrine and insight into how Information Operations are applied across the full spectrum of conflict from peace to war. The course is a one-week course, and is taught at the college level through lectures, seminars, practical exercises, readings and computer based lessons. Course is available to all officers, enlisted, and civilian personnel of any branch of service within the DOD. A Secret clearance is required. To attend, contact your unit Training Manager, or e-mail the IWAC Course Chairman (Maj McCoy) at steven.mccoy@maxwell.af.mil. POC is Maj Steve McCoy, DSN 493-8258 or 334-953-8258. For more information, visit the IWAC web site at http://www.cadre.maxwell.af.mil/warfarestudies/iwac/iwacpage.html.

03-07 Apr 06 **Joint Psychological Operations Course (JPOC)** US Air Force Special Operations School/Joint Special Operations University, Hurlburt Field, FL. Presentations in the JPOC emphasize joint psychological operations (PSYOP) in the Global War on Terrorism, interagency coordination, intel products and services to enable PSYOP, and application principles. Secret clearance is required. The JPOC is suitable for experienced PSYOP soldiers to refresh, other SOF personnel, and personnel from all Services who require an orientation on joint psychological operations The JPOC is open to grades E-4 through O-5. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

03-07 Apr 06 **Military Deception Planners Seminar Class 004** The MDPS is a 40-hour course designed to train individuals on the fundamentals of Military Deception planning in support of land component commanders. This training is conducted in a classroom environment using classified materials and involving discussions up to the Secret collateral classification level. Course prerequisites are a current Secret clearance. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.belvoir.army.mil

04-13 Apr 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC San Diego. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

10-12 Apr 06 **IPCCC 2006** - *The 25th IEEE International Performance Computing and Communications Conference* in Phoenix, AZ. The International Performance, Computing, and Communications Conference (IPCCC) is the premier IEEE conference presenting research in the performance of computer and communication systems. For the last two decades, IPCCC has been a research forum for academic, industrial, and government researchers. The lively interactions among the researchers from these emerging new fields provide a stimulating environment rich with new ideas. For more information about this conference: **http://ipccc.org/**

18-19 Apr 06 **DoD Architectures 2006** is being held at the Sheraton Premiere Hotel at Tyson's Corner, Vienna, VA. IDGA's 4th Annual **DoD Architectures 2006** will include detailed updates on the DoDAF and other key architectures. We will examine three related views of architecture: Operational View, Systems View and Technical Standards View. Featuring case studies and lessons learned, IDGA's DoD Architectures 2006 is the industry's premiere annual event on DoD Architectures.

At this conference, you will learn how to:

- Create, design and implement architectures to support the Global Information Grid
- Understand differences between the DoDAF and other OSD directives
- Assess future requirements for programs to make the best acquisition plans and for industry to provide the best architectural solutions for military use
- Ensure vendor systems can verify data
- Work towards a uniform set of architectural instructions

To read more and register: http://idga.org/cgi-bin/templates/singlecell.html?topic=221&event=9415

18-20 Apr 06 **Military Satellites 2006:** *Ensuring the Future of Optimal Satellite Communications* will take place at Georgetown University Conference Center (and Hotel), Washington, D.C. The conference will cover everything you need to know to work with commercial satellite companies to ensure information superiority. Attend this conference and walk away with:

1. Lessons learned from satellite based voice, data, video and personnel tracking used in Operation enduring Freedom and Operation Iraqi Freedom
2. Solutions to integrate satellite systems for use by all branches of the military
3. Enhancements to satellite space training programs
4. The most cost effective production, modification and maintenance procedures for military satellites

Register yourself and a team member today: http://idga.org/cgi-bin/templates/singlecell.html?topic=221&event=9404

23 Apr-06 May 06 **Vermont Army National Guard's Operational Training Exercise** Northfield, VT. Computer Network Defense Team (CNDT) Operational Training Experience (OTE) The OTE is a resident course using lecture, group labs, and practical exercises (PE), with an intense final PE (STX). Training CNDT members, this advanced IA level III (the Army's highest Information Assurance certification) course is open to CNDT personnel. No rank, MOS, or functional area limitations are made. DoD civilians and others are permitted on a case-by-case basis. IRH is a pre-requisite for this course. **Target Audience**: Reserve Component US Army personnel who are assigned or are pending assignment as members of a National Guard CNDT, or who have related System Administrator duties.

24-27 Apr 06 **2006 C4ISR Symposium:** *From Baghdad to New Orleans: Addressing Emergent C4ISR Requirements Effective Net-Centric Operations* is being held at the Four Points Sheraton Hotel in San Diego, CA This conference is co-sponsored by the AFCEA San Diego Chapter and the Space and Naval Warfare Systems Command (SPAWAR) - System Center San Diego (SSC). Session topics will include but not limited to: The Emerging Warfighting Concepts, Maintaining Persistence with Fewer People and Lower Risk, Improving Data Sharing: Challenges and Response, and The Emergent C4ISR Mission Challenge: Maritime Domain Awareness. For more information and registration: http://www.afcea-sd.org/c4isr.html

24-27 Apr 06 **Fiesta Informacion 2006** in San Antonio, TX. The national mandate for tearing down legacy organizational barriers to effectively meet today's homeland and national security challenges has never been greater! Fiesta Informacion 2006 will highlight leading-edge collaboration initiatives. Nationally-recognized speakers will share their insights, experiences, and advice on the challenges, lessons learned, and future directions in building and leading a diverse team of stakeholders as they work together in winning the race for homeland & national security. For conference and event information: http://www.fiestainformacion.com/confinfo/info.htm

24-28 Apr 06 **SOF Information Operations Course (SOFIOPC)** Joint Special Operations University, Hurlburt Field, FL Topics in the one-week course concentrate on application of IO in support of SOF Core Tasks. Presented largely by guests speakers, the course highlights IO planning considerations and includes presentations on computer network operations (CNO), military deception, special technical operations (STO), space support to IO, electronic warfare (EW), operations security (OPSEC), psychological operations (PSYOP), public affairs (PA), civil military operations (CMO). The course includes a short practicum and a demonstration of an IO planning tool. The SOFIOPC benefits SOF and IO planners supporting SOF in a Theater SOC, JSOTF, or other SOF Command. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

26-27 Apr 06 **GovSec 2006** will be held at the Washington Convention Center, Washington, D.C. GOVSEC is the only event that brings together physical security, information security and emergency response vendors with users from the federal, state and local governments. Government officials have developed a forum where they can meet with each other and industry experts to understand the latest in products, services and solutions, forge new relationships and partnerships, and implement the best security solutions available. GOVSEC has been created to expedite this search for solutions, and give vendors equal access and opportunity to reach these decision-makers. For complete details on GOVSEC 2006, and to register visit www.govsecinfo.com

30 Apr-30 Jun 06 **Vermont Army National Guard's FA30 Information Operations Qualification Course** in Fort Leavenworth, KS. An in-depth study of IO, including the elements of offensive and defensive IO; studied from the perspective of the FA 30 officer, who has integration, coordination, and synchronization responsibilities at the Division and Corps staff levels; OPSEC, Deception, EW, PSYOPS, CA, Public Affairs, and Physical Destruction, Vulnerability Assessment, Military Deception, Combat Camera, Computer Network Defend, and Information Assurance; IO planning and planning products within the framework of the Military Decision Making Process (MDMP). Target Audience: Active and Reserve Component U.S. Army commissioned officers, CPT-COL, who are accessed into FA 30 and are assigned or are pending assignment to validated IO positions. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

01-12 May 06 **Information Operations Capabilities, Application and Planning Course (IOCAP) - Class 004.** The IOCAP is an unclassified 80-hour course conducted in a classroom environment. Focus of training is application of full spectrum IO (planning, coordinating, executing, and assessing) as a member of an Army IO cell in both simulated deliberate and crisis action planning environments. Course prerequisites are a current Secret clearance and completion of the IO-101 CBT. Course is open to military personnel (Pay grade E-6 and above), DOD civilians and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

01-12 May 06 **Naval Information Warfare Staff and Operations Course (NIWSOC) (CIN A-2G-0116).** NIOC Norfolk. Designed to prepare naval personnel assisted as information operations (IO) planners on or enroute to unified combatant commander, service component commander and numbered fleet staffs, as well as, for information warfare and deputy information warfare commanders assigned to carrier or expeditionary strike group staff. It is also suitable for individuals involved in IO as naval representatives assigned to DOD or other U.S. Government Agencies. Provides students with fundamental knowledge and skills to conduct naval IO planning. Students participate in a multi-faceted practical exercise that encompasses IO applications of Joint Operation Planning and Executive Systems (JOPES) In support of Commander's objectives, utilizing JOPES, students develop a comprehensive IO Plan that includes detailed environment awareness and shaping matrices, IO Commander's intent, IO mission statement, IO objectives, tasks and measures of effectiveness, and an IO synchronization matrix. Students brief their final product to a senior IO panel. QUOTA CONTROL. QUOTAS ARE OBTAINED VIA ONLINE REGISTRATION AT HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

1 May–30 Jun 06 **FA30 Information Operations Qualification Course** Will be held at Fort Leavenworth, KS. Course is designed to train FA 30 officers for initial assignments in IO. This 360-hour course intends to develop information operations officers who possess a war fighting focus for assignments to Corps and Division (UEx) G7 staffs. Course graduates will be capable of conducting full spectrum operations in joint, multinational, interagency environments and will have the requisite competencies to successfully integrate information operations in the planning, preparing, executing and assessing military operations. Limited seating is available to active, reserve and National Guard FA30 officers. POC: Mr Stephen Becker (913) 684-3089; DSN: 552-3089; stephen.becker@us.army.mil.

02-04 May 06 **REDTEAM2006 Conference** is being held at Sandia National Laboratories, Kirtland AFB, Albuquerque, NM. REDTEAM2005 was a success and near capacity with 250 attendees. This government-wide event is focused on discussion of adversarial-based assessments including variants such as VA, risk assessment, and red/blue/green teaming, as applied across the lifecycle of scenarios and systems from concept, R&D, prototype, deployment, and operation, through consideration of physical, cyber, CBRNE, and other threats. U.S. citizenship and Secret clearance are required to attend. All government assessment/red team organizations and those contractors they sponsor to perform such work are encouraged to attend. Those government organizations that use or are considering use of red teaming as a tool in their programs and missions are encouraged to attend. Preliminary information only at this time at www.sandia.gov/redteam2006/. Inquiries at redteam2006@sandia.gov or Amy Bowen, COML: (505) 284-3178.

15-19 May 06 **Electronic Warfare Fundamentals and Planning Course (EWFP):** This is a 40 hour course that provides students the ability and knowledge to nominate EW targets in support of Information Operations (IO), and to integrate, synchronize, and coordinate EW execution with the remaining elements of IO. Course provides students the knowledge of electronic warfare concepts, fundamentals, doctrine, and capabilities within the Department of Defense (DOD). The instruction introduces radio wave propagation theory, radio/radar/electronic warfare (EW) system fundamentals, electromagnetic spectrum management, and a survey of electronic systems populating the battle space. The course includes an overview of current and emerging DOD EW doctrine, Army EW organization, EW platforms and mission types, intelligence support to EW, and the duties and responsibilities of an Electronic Warfare Officer (EWO) or the EW Coordinator (EWC). Training is conducted at the SECRET level. Course is open to military personnel (Pay grade E-6 and above), DOD civilians GS-9 and above, and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

15-19 May 06 **OPSEC Planners Course**: This is a 40 hour course designed to provide military and civilian personnel with the knowledge and methodology needed to effectively conduct OPSEC planning and related responsibilities. Examines how OPSEC supports and conflicts with supported and related activities of Information Operations. The course focuses on identifying critical information, threat analysis, risks analysis, vulnerability assessment, implementation of OPSEC measures, and development of an OPSEC Appendix to the IO Annex utilizing the Military Decision Making Process (MDMP). The training is conducted at the unclassified level. Course is open to military personnel (Pay grade E-6 and above). DOD civilians GS-9 and above and Contractors accepted on space available basis. Must have a general understanding of the concept of both IO and OPSEC. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

15-19 May06 **Military Deception Planners Seminar Class 004** The MDPS is a 40-hour course designed to train individuals on the fundamentals of Military Deception planning in support of land component commanders. This training is conducted in a classroom environment using classified materials and involving discussions up to the Secret collateral classification level. Course prerequisites are a current Secret clearance. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.belvoir.army.mil

15-24 May 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC Norfolk. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

17-18 May 06 **Joint and Coalition Interoperability in** Prague, Czech Republic. SMi's Joint and Coalition Interoperability conference will evaluate the issues facing the militaries different nations in developing interoperable doctrine, command and information systems, examining the inherent challenges and the means by which they can be overcome. The conference will focus on many facets of Coalition Interoperability, using recent operational experiences as demonstrations of the success achieved on the battlefield as well as the difficulties encountered. Special attention will also be paid to the current status of recent NATO accession nations and their requirements and ongoing programmes to become fully interoperable with fellow Alliance members. One of the greatest challenges during this time of rapid change is that different countries face different types of interoperability problems. In particular, nations with smaller economies, military forces, and budgets will more quickly run up against the reality that interoperability is expensive. This challenge must be overcome if the goal of a truly interoperable Alliance is to be achieved. To register simply go to: http://www.smi-online.co.uk/goto/Interoperability.asp?emref=R13ES191227827

22-23 May 06 **Navy Operations Security (OPSEC) Staff Planner Course** This class is being conducted at the Navy Information Operations Command (NIOC) San Diego, CA. This course can also be provided via Video Tele Training (VTT) with prior coordination. This course is designed to train officers, enlisted and civilian personnel assigned to commands and staffs, ashore and afloat, of military and DoD organizations, to coordinate preparations for OPSEC within the command/mission; to include OPSEC planning as an initial step in all military/operational planning through the development of the OPSEC Annex; to conduct OPSEC Assessments/Surveys; and to develop and institute OPSEC training for command/unit. The course provides students with the fundamental knowledge and skills to perform duties as an OPSEC Officer/Coordinator for a command/unit, as well as provide guidance to develop/improve the command/ unit OPSEC awareness, training and implementation programs. To request quotas: scsd.quotas@navy.mil

01-02 Jun 06 **ECIW 2006: The 5th European Conference on Information Warfare and Security** is being held Helsinki, Finland. **T**he Fifth European Conference on Information Warfare and Security (ECIW) is an opportunity for academics, practitioners and consultants from Europe and elsewhere who are involved in the study, management, development and implementation of systems and concepts to combat information warfare or to improve information systems security to come together and exchange ideas. There are several strong strands of research and interest that are developing in the area including the understanding of threats and risks to information systems, the development of a strong security culture, as well as incident detection and post incident investigation. This conference is continuing to establish itself as a key event for individuals working in the field from around the world. Registration: http://academic-conferences.org/eciw/eciw2006/eciw06-home.htm

03-14 Jun 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

04-25 Jun 06 **Vermont Army National Guard's Incident Response Handlers (IRH)** **Distance Learning.** This basic Information Operations (IO) technical course is for Computer Network Defense Team (CNDT) members, network administrators, and system administrators. With 40 hours of web based learning with Subject Matter Expert (SME) instructor involvement, this course is the pre-requisite for the Operational Training Experience (OTE) course. **Target Audience**: Reserve Component US Army personnel who are assigned or are pending assignment as members of a National Guard CNDT, or who have related System Administrator duties. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

05-06 Jun 06 **Navy Operations Security (OPSEC) Staff Planner Course** Navy Information Operations Command (NIOC) Norfolk conducts this course in the USN-USMC VTT training classroom, located at Fleet Combat Training Center, Damneck Naval Base, Virginia Beach, VA. This course can also be provided via Video Tele Training (VTT) with prior coordination. This course is designed to train officers, enlisted and civilian personnel assigned to commands and staffs, ashore and afloat, of military and DoD organizations, to coordinate preparations for OPSEC within the command/mission; to include OPSEC planning as an initial step in all military/operational planning through the development of the OPSEC Annex; to conduct OPSEC Assessments/Surveys; and to develop and institute OPSEC training for command/unit. The course provides students with the fundamental knowledge and skills to perform duties as an OPSEC Officer/Coordinator for a command/unit, as well as provide guidance to develop/improve the command/ unit OPSEC awareness, training and implementation programs. To request quotas: central.quota@cnet.navy.mil

05-09 Jun 06 **Information Warfare Applications Course (IWAC)** **Class 06-G** - Conducted at the College of Aerospace Doctrine, Research and Education (CADRE) at Maxwell AFB, Montgomery, AL. This course educates students in the fundamental principles of Information Operations in accordance with Air Force and joint doctrine. The objective is to provide students with a broad understanding of Information Operations doctrine and insight into how Information Operations are applied across the full spectrum of conflict from peace to war. The course is a one-week course, and is taught at the college level through lectures, seminars, practical exercises, readings and computer based lessons. Course is available to all officers, enlisted, and civilian personnel of any branch of service within the DOD. A Secret clearance is required. To attend, contact your unit Training Manager, or e-mail the IWAC Course Chairman (Maj McCoy) at steven.mccoy@maxwell.af.mil. POC is Maj Steve McCoy, DSN 493-8258 or 334-953-8258. For more information, visit the IWAC web site at http://www.cadre.maxwell.af.mil/warfarestudies/iwac/iwacpage.html.

05-30 Jun 06 **Joint IO Planning Course (JIOPC) #P-06-4** Joint Information Operations Planning Course – JIOPC - The mission of the Joint Information Operations Planning Course (JIOPC) is to establish a common level of understanding for IO planners and IO capability specialists in order to prepare students to serve in joint operational-level IO billets. This course will be a prerequisite for personnel assigned to the Joint IO career force. The objective of the JIOPC is to educate and train military students between the ranks of 0-4 through 0-6, and DoD Civilian equivalents, to plan, integrate, and synchronize full spectrum IO into joint operational-level plans and orders. The school accomplishes this through class presentations, guest lectures, case studies, and practical exercises in a joint seminar environment with a focus on the planning process. Throughout the course, students use traditional planning methodologies within the joint IO planning community. The course is based upon joint doctrine that is reinforced, when necessary, by a compilation of various tactics, techniques, and procedures from throughout the department of defense. Students will be assigned to a working group consisting of approximately eight to twelve individuals. Working groups conduct detailed planning using multiple scenarios and be required to contribute to the development of written products and briefings. A TS/SCI clearance is required for the JIOPC. For registration: https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

13-15 Jun 06 **Joint Senior Psychological Operations Course (JSPOC)** US Air Force Special Operations School/Joint Special Operations University, Hurlburt Field, FL. Conducted in seminar-format, the JSPOC includes 3-days of instruction through lectures, case studies, and panel discussions. The JSPOC benefits senior leaders and planners on how to plan for and facilitate operation of a Joint PSYOP Task Force or a major PSYOP program in a theater The JSPOC's goal is to enable leaders and senior staff planners to effectively integrate and employ joint psychological operations. An annual NATO JSPOC is held each October featuring participation by senior representatives from NATO partner countries. JSPOC presentations highlight issues manning, logistics, communications, intelligence products and services, interagency coordination, C2 and planning issues. One day is dedicated to special topics or "influence for executives". The JSPOC is suitable for experienced PSYOP personnel as well as other SOF and conventional planners. The JSPOC is targeted for grades O-5/6. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

13-22 Jun 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC San Diego. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

21-22 Jun 06 **Federal Information Security Conference (FISC)** at the DoubleTree Hotel Colorado Springs, World Arena Colorado Springs, Colorado. This conference is designed to provide valuable guidance for the Federal government, industry, and academia. Information security issues will be discussed in the areas of security policies and strategies, use of technologies and securing infrastructure. This unique 2-day event will present information security tools and techniques available to assist Information Security professionals working in the Federal government. The proceedings will explore best practices in the field of Information Superiority and will continue to look at how the right information can flow freely, jointly and securely among academia, industry, DoD and civilian agencies. Information Assurance, Homeland Security and Information Operations/Knowledge Management will be the leading themes. For more information: http://www.fbcinc.com/event.asp?eventid=Q6UJ9A00A6GD

25-30 Jun 06 **18th Annual FIRST Conference** in Baltimore, Maryland The annual FIRST Conference is a unique event. It focuses on the field of computer security incident handling and other incident response issues. In recognition of the global spread of computer networks and the common problems faced by computer owners, service providers, networking communities and companies, the conference is held in a different part of the world each year. The presentations are international in scope and include the latest in incident response and prevention, vulnerability analysis, and related aspects of computer security. Additionally, these events serve as the foundation for the improvement of computer security worldwide via the sharing of viewpoints, ideas, and information. For more information: http://www.first.org/conference/2006/papers.html

10-14 Jul 06 **SOF Information Operations Course (SOFIOPC)** Joint Special Operations University, Hurlburt Field, FL Topics in the one-week course concentrate on application of IO in support of SOF Core Tasks. Presented largely by guests speakers, the course highlights IO planning considerations and includes presentations on computer network operations (CNO), military deception, special technical operations (STO), space support to IO, electronic warfare (EW), operations security (OPSEC), psychological operations (PSYOP), public affairs (PA), civil military operations (CMO). The course includes a short practicum and a demonstration of an IO planning tool. The SOFIOPC benefits SOF and IO planners supporting SOF in a Theater SOC, JSOTF, or other SOF Command. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

10-19 Jul 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC Norfolk. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

17-18 Jul 06 **Navy Operations Security (OPSEC) Staff Planner Course** This class is being conducted at the Navy Information Operations Command (NIOC) San Diego, CA. This course can also be provided via Video Tele Training (VTT) with prior coordination. This course is designed to train officers, enlisted and civilian personnel assigned to commands and staffs, ashore and afloat, of military and DoD organizations, to coordinate preparations for OPSEC within the command/mission; to include OPSEC planning as an initial step in all military/operational planning through the development of the OPSEC Annex; to conduct OPSEC Assessments/Surveys; and to develop and institute OPSEC training for command/unit. The course provides students with the fundamental knowledge and skills to perform duties as an OPSEC Officer/Coordinator for a command/unit, as well as provide guidance to develop/improve the command/ unit OPSEC awareness, training and implementation programs. To request quotas: scsd.quotas@navy.mil

17-21 Jul 06 **Joint Psychological Operations Course (JPOC)** US Air Force Special Operations School/Joint Special Operations University, Hurlburt Field, FL. Presentations in the JPOC emphasize joint psychological operations (PSYOP) in the Global War on Terrorism, interagency coordination, intel products and services to enable PSYOP, and application principles. Secret clearance is required. The JPOC is suitable for experienced PSYOP soldiers to refresh, other SOF personnel, and personnel from all Services who require an orientation on joint psychological operations The JPOC is open to grades E-4 through O-5. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

17 Jul–11Aug 06 **Joint IO Planning Course (JIOPC) #P-06-5** Joint Information Operations Planning Course – JIOPC - The mission of the Joint Information Operations Planning Course (JIOPC) is to establish a common level of understanding for IO planners and IO capability specialists in order to prepare students to serve in joint operational-level IO billets. This course will be a prerequisite for personnel assigned to the Joint IO career force. The objective of the JIOPC is to educate and train military students between the ranks of 0-4 through 0-6, and DoD Civilian equivalents, to plan, integrate, and synchronize full spectrum IO into joint operational-level plans and orders. The school accomplishes this through class presentations, guest lectures, case studies, and practical exercises in a joint seminar environment with a focus on the planning process. Throughout the course, students use traditional planning methodologies within the joint IO planning community. The course is based upon joint doctrine that is reinforced, when necessary, by a compilation of various tactics, techniques, and procedures from throughout the department of defense. Students will be assigned to a working group consisting of approximately eight to twelve individuals. Working groups conduct detailed planning using multiple scenarios and be required to contribute to the development of written products and briefings. A TS/SCI clearance is required for the JIOPC. For registration: https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

31 Jul–11 Aug 06 **Naval Information Warfare Staff and Operations Course (NIWSOC) (CIN A-2G-0116).** NIOC Norfolk. Designed to prepare naval personnel assisted as information operations (IO) planners on or enroute to unified combatant commander, service component commander and numbered fleet staffs, as well as, for information warfare and deputy information warfare commanders assigned to carrier or expeditionary strike group staff. It is also suitable for individuals involved in IO as naval representatives assigned to DOD or other U.S. Government Agencies. Provides students with fundamental knowledge and skills to conduct naval IO planning. Students participate in a multi-faceted practical exercise that encompasses IO applications of Joint Operation Planning and Executive Systems (JOPES) In support of Commander's objectives, utilizing JOPES, students develop a comprehensive IO Plan that includes detailed environment awareness and shaping matrices, IO Commander's intent, IO mission statement, IO objectives, tasks and measures of effectiveness, and an IO synchronization matrix. Students brief their final product to a senior IO panel. QUOTA CONTROL. QUOTAS ARE OBTAINED VIA ONLINE REGISTRATION AT HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

31 Jul-11 Aug 06 **Information Operations Capabilities, Application and Planning Course (IOCAP) - Class 004.** The IOCAP is an unclassified 80-hour course conducted in a classroom environment. Focus of training is application of full spectrum IO (planning, coordinating, executing, and assessing) as a member of an Army IO cell in both simulated deliberate and crisis action planning environments. Course prerequisites are a current Secret clearance and completion of the IO-101 CBT. Course is open to military personnel (Pay grade E-6 and above), DOD civilians and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

01-04 Aug 06 **Joint Information Operations Senior Seminar (JIOSS)** Joint Special Operations University, Hurlburt Field, FL. Conducted in seminar format, the JIOSS is a complimentary step in the continuing education of SOF leaders. Seminar size is limited to 15-20 personnel. The curriculum is divided into three blocks of material: Defining the Information Operation Environment, Information Operations Agencies and Issues, and SOF Response to the Information Operations Environment. Nationally known guest lecturers from the military, public, and private sectors present virtually all course material. Participants are challenged to explore and discuss different perspectives on IO and how DoD and SOF should implement IO. See the USAFSOS/JSOU web page at: https://www.hurlburt.af.mil/milonly/tenantunits/jsou/

12-23 Aug 06 **Vermont Army National Guard's Tactical Information Operations Course (IO)** in Northfield, VT. This course prepares IO personnel to conduct IO planning in support of Army tactical and operational commands using the Military Decision Making Process (MDMP). Emphasis is on Army doctrine and tactics, techniques and procedures (TTPs). Learning is reinforced with Practical Exercises (PEs) and student readings. Students apply the knowledge and skills acquired to conduct IO planning under realistic, stressful conditions similar to those encountered in the field. **Target Audience**: Active and Reserve Component US Army personnel, SGT – LTC, who are assigned to or are pending assignment to IO or IO related positions, or coded as ASI P4. Contact information: CPT Michael A. Brown, Phone: 802.485.1962/1950, Fax: 802.485-1937, Email: Michael.A.Brown@us.army.mil

14-18 Aug 06 **Electronic Warfare Fundamentals and Planning Course (EWFP):** This is a 40 hour course that provides students the ability and knowledge to nominate EW targets in support of Information Operations (IO), and to integrate, synchronize, and coordinate EW execution with the remaining elements of IO. Course provides students the knowledge of electronic warfare concepts, fundamentals, doctrine, and capabilities within the Department of Defense (DOD). The instruction introduces radio wave propagation theory, radio/radar/electronic warfare (EW) system fundamentals, electromagnetic spectrum management, and a survey of electronic systems populating the battle space. The course includes an overview of current and emerging DOD EW doctrine, Army EW organization, EW platforms and mission types, intelligence support to EW, and the duties and responsibilities of an Electronic Warfare Officer (EWO) or the EW Coordinator (EWC). Training is conducted at the SECRET level. Course is open to military personnel (Pay grade E-6 and above), DOD civilians GS-9 and above, and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

14-18 Aug 06 **OPSEC Planners Course**: This is a 40 hour course designed to provide military and civilian personnel with the knowledge and methodology needed to effectively conduct OPSEC planning and related responsibilities. Examines how OPSEC supports and conflicts with supported and related activities of Information Operations. The course focuses on identifying critical information, threat analysis, risks analysis, vulnerability assessment, implementation of OPSEC measures, and development of an OPSEC Appendix to the IO Annex utilizing the Military Decision Making Process (MDMP). The training is conducted at the unclassified level. Course is open to military personnel (Pay grade E-6 and above). DOD civilians GS-9 and above and Contractors accepted on space available basis. Must have a general understanding of the concept of both IO and OPSEC. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

14-18 Aug 06 **Military Deception Planners Seminar Class 004** The MDPS is a 40-hour course designed to train individuals on the fundamentals of Military Deception planning in support of land component commanders. This training is conducted in a classroom environment using classified materials and involving discussions up to the Secret collateral classification level. Course prerequisites are a current Secret clearance. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.belvoir.army.mil

14-18 Aug 06 **Information Warfare Applications Course (IWAC)** **Class 06-H** - Conducted at the College of Aerospace Doctrine, Research and Education (CADRE) at Maxwell AFB, Montgomery, AL. This course educates students in the fundamental principles of Information Operations in accordance with Air Force and joint doctrine. The objective is to provide students with a broad understanding of Information Operations doctrine and insight into how Information Operations are applied across the full spectrum of conflict from peace to war. The course is a one-week course, and is taught at the college level through lectures, seminars, practical exercises, readings and computer based lessons. Course is available to all officers, enlisted, and civilian personnel of any branch of service within the DOD. A Secret clearance is required. To attend, contact your unit Training Manager, or e-mail the IWAC Course Chairman (Maj McCoy) at steven.mccoy@maxwell.af.mil. POC is Maj Steve McCoy, DSN 493-8258 or 334-953-8258. For more information, visit the IWAC web site at http://www.cadre.maxwell.af.mil/warfarestudies/iwac/iwacpage.html.

15-24 Aug 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC San Diego. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

21-22 Aug 06 **Navy Operations Security (OPSEC) Staff Planner Course** Navy Information Operations Command (NIOC) Norfolk conducts this course in the USN-USMC VTT training classroom, located at Fleet Combat Training Center, Damneck Naval Base, Virginia Beach, VA. This course can also be provided via Video Tele Training (VTT) with prior coordination. This course is designed to train officers, enlisted and civilian personnel assigned to commands and staffs, ashore and afloat, of military and DoD organizations, to coordinate preparations for OPSEC within the command/mission; to include OPSEC planning as an initial step in all military/operational planning through the development of the OPSEC Annex; to conduct OPSEC Assessments/Surveys; and to develop and institute OPSEC training for command/unit. The course provides students with the fundamental knowledge and skills to perform duties as an OPSEC Officer/Coordinator for a command/unit, as well as provide guidance to develop/improve the command/ unit OPSEC awareness, training and implementation programs. To request quotas: central.quota@cnet.navy.mil

04-13 Sep 06 **Navy Information Warfare Tactics and Operations Course (NIWTOC)(CIN A-2G-5802)** NIOC Norfolk. Designed to prepare personnel assigned or enroute to information operations (IO) assignments on a strike group staff (CSG, ESG). Also suitable for senior enlisted or IW officers, ashore and afloat. Course provides students with fundamental knowledge and skills to conduct tactical navy IO/IW. NIWTOC provides knowledge and skills required to plan, direct and monitor tactical IW IAW Navy-wide OPTASK IW, TTP 3-13.2-NAVY IWC Manual, and other approved tactics, techniques and procedures. Course emphasizes practical application from a strikegroup perspective and provides a foundation for follow-on interdeployment readiness cycle(IDRC)/Fleet Response Plan (FRP) training. Course includes units on IO fundamentals, environment awareness and shaping (EAS), IW execution and monitoring, mission planning, and targeting. Students are required to demonstrate their learning by successfully completing practical exercises. Target audience is Carrier Strike Group (CSG) and Expeditionary Strike Group(ESG) Information Warfare Commander (IWC), Deputy IWC (DIWC), IW staff, and unit level IW personnel, E6 through 06: officers - OPS, CICO, EWO, SIGO, COMMO, AND ISSM; enlisted - CTT, CTR, CTO, AND IT. Watch supervisor PQS qualified E-5 may attend. Strike group staff N6 should send minimum of one representative. Strike groups should attempt to have SG units attend same class convening form maximum benefit. Quotas are obtained via online registration at HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

11-15 Sep 06 **Joint IO Orientation Course (JIOOC) #0-06-03 – Joint Forces Staff College**: This course gives students a common baseline of IO knowledge. In this one-week course students are exposed to four blocks of instruction: Strategy; Intelligence support; IO Capabilities (Core, Supporting and Related); and Organization, Training, and Equipping. Each block of instruction includes a combination of instructor lecture, guest speaker presentations, guided discussions and/or panel discussions. The objective of the Joint IO Orientation Course is to educate and train U.S. Government (USG) personnel in the military grades of Captain/ Lieutenant (O-3) to Colonel/Captain (0-6) and civilian equivalents in the basics of joint Information Operations (IO), with a primary emphasis at the Combatant Command level. Specifically, the course focuses on teaching joint IO doctrine and current Department of Defense IO policy guidance as they apply to the operational level of joint warfare. This course is particularly relevant to those serving in support of IO cells and other staff positions that require a basic knowledge of Joint IO. If IO planning skills are desired, then the student should take the Joint Information Operations Planning Course (JIOPC). A TS/SCI clearance is required for the JIOOC. For registration: https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

11-22 Sep 06 **Information Operations Capabilities, Application and Planning Course (IOCAP) - Class 004.** The IOCAP is an unclassified 80-hour course conducted in a classroom environment. Focus of training is application of full spectrum IO (planning, coordinating, executing, and assessing) as a member of an Army IO cell in both simulated deliberate and crisis action planning environments. Course prerequisites are a current Secret clearance and completion of the IO-101 CBT. Course is open to military personnel (Pay grade E-6 and above), DOD civilians and selected civilians and contractors. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.army.mil

19–30 Sep 06 **Naval Information Warfare Staff and Operations Course (NIWSOC) (CIN A-2G-0116).** NIOC Norfolk. Designed to prepare naval personnel assisted as information operations (IO) planners on or enroute to unified combatant commander, service component commander and numbered fleet staffs, as well as, for information warfare and deputy information warfare commanders assigned to carrier or expeditionary strike group staff. It is also suitable for individuals involved in IO as naval representatives assigned to DOD or other U.S. Government Agencies. Provides students with fundamental knowledge and skills to conduct naval IO planning. Students participate in a multi-faceted practical exercise that encompasses IO applications of Joint Operation Planning and Executive Systems (JOPES) In support of Commander's objectives, utilizing JOPES, students develop a comprehensive IO Plan that includes detailed environment awareness and shaping matrices, IO Commander's intent, IO mission statement, IO objectives, tasks and measures of effectiveness, and an IO synchronization matrix. Students brief their final product to a senior IO panel. QUOTA CONTROL. QUOTAS ARE OBTAINED VIA ONLINE REGISTRATION AT HTTP:(SLASHSLASH)205.0.132.75. *Select NIOC Norfolk under the staff's pulldown menu. On the NIOC Norfolk CAS webpage, select training, then NIWTOC Course, then NIWTOC course registration.*

25-26 Sep 06 **DOD OPSEC Course** – this course is being conducted at the Navy Information Operations Command (NIOC) Norfolk, VA. This course is designed to prepare DoD OPSEC personnel to provide OPSEC planning and analysis support to their commanders, to develop and implement an OPSEC program within an organization, and to plan OPSEC assessments. Students are assigned a mentor, and work on their own unit program in place of a fictitious scenario. The IOSS presents this course in partnership with the Department of Defense. Upon completion of this course, student will be able to: support the JOPES process, identify critical information, perform threat analysis, identify vulnerabilities, analyze risk, develop and implement countermeasures, assessing residual risk, develop OPSEC awareness programs and materials for their workforce and write and OPSEC program plan. Requires a U.S. Secret Clearance. Contact IOSS registrar at 443-479-4671 or www.ioss.gov to request quotas.

25-29 Sep 06 **Military Deception Planners Seminar Class 004** The MDPS is a 40-hour course designed to train individuals on the fundamentals of Military Deception planning in support of land component commanders. This training is conducted in a classroom environment using classified materials and involving discussions up to the Secret collateral classification level. Course prerequisites are a current Secret clearance. Point of Contact is Mr. Carlos Chipres, Com 703 428-4391, or DSN 328-4391, email crchipr@1stiocmd.belvoir.army.mil

16 Oct–03 Nov 06 **Joint IO Planning Course (JIOPC) #P-07-01** Students will be assigned to a working group consisting of approximately eight to twelve individuals led by a faculty mentor. The group faculty mentor will appoint a student group leader. Each student in the group is expected to participate in the group work as directed by the student group leader and the faculty mentor. Each group will conduct their planning in parallel on the same problem. Students will be required to contribute to the development of written products and briefings, and the briefs will consist of each of the groups analyzing their counterpart's solutions. The objective of the JIOPC is to educate and train military students between the ranks of 0-4 through 0-6, and DoD Civilian equivalents, to plan, integrate, and synchronize full spectrum IO into joint operational-level plans and orders. The school accomplishes this through class presentations, guest lectures, case studies, and practical exercises in a joint seminar environment. Specifically, the course focuses on the following six (6) learning areas: Joint Operations Planning and Execution System (JOPES), Joint Intelligence Preparation of the Environment, IO Planning Interagency Planning & Coordination (panel), Military Deception (MILDEC), and Operations Security (OPSEC).

Throughout the course the students use traditional planning methodologies within the joint IO planning community. The course is based upon joint doctrine that is reinforced, when necessary, by a compilation of various tactics, techniques, and procedures from throughout the department of defense. The registration page is active for both courses. We have classes scheduled throughout the remainder of FY-05. If you have folks in your command interested in attending and receiving training in accordance with the stated objectives and descriptions above, please pass this on to them. In order to attend the three week planning course, a student must have either attended a previous JIWSOC course, or enroll and attend the JIOOC first. TS/SCI clearance is required for both courses. The registration link is https://www.jfsc.ndu.edu/des/JCIWSRegistration/welcome.asp

IO CALENDAR
Information Assurance Technology Analysis Center (IATAC)
Phone: 703-289-5454
Unclassified email: IATAC@dtic.mil
Fax: (703) 289-5467
URL: http://iac.dtic.mil/iatac