

A NOTE FROM THE PRESIDENT

The organizational meeting of the National Association of OEW Contractors was held February 22, 1995, at 2:00 p.m. at the Marriott in Huntsville, Alabama.

The first motion was made by Bob Fay. The Motion was to accept the name "National Association of OEW Contractors." The motion was seconded by Chuck Poppe and the motion Carried. **This was the beginning of the NAOC or was it?** Yes it was, but for a few days leading up to this momentous moment there was a lot of give and take. You see the NAOC started on the day before this motion. Yes the day before and at two different locations. Roughly about half of the membership that became the NAOC, were meeting at the Marriott in Huntsville and the other half were meeting at the Holiday Inn in Huntsville. Both groups had basically the same goals and desires. The reasons for two organizations starting at the same time in different locations can only be attributed to the character of those courageous individuals that formed our Association. Many times, we joke that if you have two UXO Technicians in the same room, you will have three opinions about the same subject. This may have been the cause of two meetings instead of one.



Ben Redmond

I give (and this is my opinion only) three people credit for bringing the two groups together, Chuck Theisen (HFA) went from the Marriott group to the Holiday Inn where he talked with John Chionchio (CMS, Inc.) and Bob Fay (ISSI) about merging the two groups. I believe that had the two groups not merged, it is highly probable that neither organization would have been successful.

The rest is history.....(Cont'd on page 2)

DON'T MISS THE ANNUAL

**NAOC General Membership Meeting
November 15-16, 2006
Hyatt Crystal City Hotel
2799 Jefferson Davis Highway
Arlington, VA 22202
(703) 418-1234**

This should prove to be an exciting meeting, with informative briefs by:

- Mr. Tad Davis- *Deputy Assistant Secretary of the Army for Environment, Safety and Occupational Health*
- Mr. Jeff Marqusee- *SERDP/ESTCP*
- Mr. Doug Maddox - *EPA HQ*
- Mr. Richard Mach - *Deputy Assistant Secretary of the Navy (Environment)*

Invited by not confirmed:

- Ms. Patricia A. Rivers, PE - *HQ USACE*
- Mr. Montgomery Meigs- *Joint IED Task Force*
- Mr. Joseph W. Whitaker- *Deputy Assistant Secretary of the Army for Installations and Housing*

Upcoming Events

- | | |
|------------------|--|
| Nov. 14, 2006 | NAOC Board of Directors Meeting
Hyatt Crystal City Hotel
Washington, DC |
| Nov 15-16, 2006 | NAOC General Membership Meeting
Hyatt Crystal City Hotel
Washington, DC |
| Nov 28-30, 2006 | Partners in Environmental Technology
Technical Symposium and Workshop
Washington, DC
www.serdp.org |
| Dec 12-14, 2006 | USACE 2006 OE Stand Down
Huntsville, AL |
| May 1-4, 2007 | SAME National
Philadelphia Convention Center
Philadelphia, PA
www.same.org |
| May 21-24, 2007 | Joint Services Environmental Management
Conference
Columbus, OH
www.jsemconference.com |
| May 2007 | Sustainable Range Program (SRP) Workshop
Hampton, VA (date TBD) |
| Aug. 27-30, 2007 | UXO Forum
Orlando, FL |

A NOTE FROM THE PRESIDENT (*cont'd from page 1*)

The Charter companies from this organizational meeting were:

- ADI
- Charles R. Poppe Associates, Inc.
- CMS, Inc.
- Environmental Chemical Corporation
- EHS
- E-Maps
- EmTech Environmental Services, Inc.
- Environmental Hazards Specialist International, Inc.
- EODT Services, Inc.
- EOD World Services, Inc.
- Earth Resources Corporation
- Environmental Science and Engineering, Inc.
- Foster Wheeler Corporation
- GEO-Centers, Inc.
- Human Factors Applications, Inc.
- ISSI Unexploded Ordnance, Inc.
- JPB Associates
- LESCO, Inc.
- MTA, Inc.
- Octagon/PSESI
- PAI, Inc.
- UXB International, Inc.
- Wyle Laboratories

Membership Effective 10/31/95 (Charter Members – Note: not all corporations that had representation at the Organizational Meeting joined NAOC in the first year.)

- CMS, Inc. (Full Member)
- Environmental Chemical Corporation (Full Member)
- Environmental Hazards Specialist International, Inc. (Full Member)
- EMTech Environmental Services, Inc. (Full Member)
- EOD World Services, Inc. (Full Member)
- EODT Services, Inc. (Full Member)
- Environmental Science & Engineering, Inc. (Full Member)
- Foster Wheeler Environmental Corporation (Full Member)
- Geo-Center, Inc. (Full Member)
- Human Factors Applications, Inc. (Full Member)
- ISSI UXO, Inc. (Full Member)
- JPB Associates (Full Member)
- MTA, Inc. (Full Member)
- R.P. Warren Consultant (Full Member)
- UXB International, Inc. (Full Member)
- Wyle Laboratories (Full Member)
- American Health Research Institute (AHRI) (Associate Member)
- Arete' Engineering Technologies Corporation (Associate Member)
- Batelle Memorial Institute (Associate Member)
- BEAR, Inc. (Associate Member)
- Environmental Mapping Systems (Associate Member)
- Earth Resources Corporation (Associate Member)
- Zapata Engineering (Associate Member)

The first Board of Directors were:

- Dick Dugger (Full Member) – President
- Ben Redmond (Full Member) – Vice President
- Chuck Theisen (Full Member) – Treasurer
- John Chionchio (Full Member) – Secretary
- John Bowden – (Full Member)
- Fenoy Butler – (Full Member)
- Jay Santa Cruz – (Full Member)
- Chick Mixter – (Full Member)
- Dick Posey – (Full Member)
- Ann Blakeley – (Associate Member)

The first Committee Chairpersons were:

- Membership Committee – John Chionchio, Chair
- Safety Committee – Richard Posey, Chair
- Government Affairs Committee – John Boyden, Chair
- Technology Committee – Fenoy Butler, Chair

You may be asking why I share this information and what importance does it have other than for historical purposes. In a few weeks we will be holding our Annual Membership Meeting on November 14 to 16, 2006 and electing a new Board of Directors who in turn will be electing new Officers. I thought by sharing some of the past it would be a good segway for discussion about the future of NAOC. Our Association has made tremendous progress in accomplishing the goals for which it was established. This is the result of a lot of effort on the part of many individuals over the past eleven years. As you prepare to attend this year's membership meeting please think about whom you want to elect to our Board of Directors and who they should elect as Officers. Select leaders that will put aside their own personal interests and the interest of their corporation to represent the consensus position of the Association. Oh and not least, recognize that these duties eat into the availability of your personal time. Key Officers and Committee Chairpersons spend five to ten hours per week on average performing NAOC duties.

BEN REDMOND

NAOC Committees

Operations and Standards
David Keller, Tetra Tech, Inc.
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Mission Statement:

To advise government agencies on operations and standards issues in the areas of, personnel, safety, training, and technology as they relate to OE/UXO work sites



Government Affairs
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Mission Statement:

Develop, improve and sustain government-industry partnerships through dialogue and interaction with government agencies and organizations.

Operations and Standards

Since our last newsletter in June we have received several requests from government agencies for review and comment on new or revised documents/directives. These documents were provided to our members for review and comment. These comments were then consolidated and provided to the requesting agencies as the NAOC's response. These documents included:

- DDESB Technical Paper (TP) 18, Minimum Qualifications for Unexploded
- Ordnance (UXO) Technicians and Personnel, for the Department of Defense Explosive Safety Board
- Munitions and Explosives of Concern (MEC) Hazard Assessment (HA), review of final draft version (second review by NAOC) for the Environmental Protection Agency
- (Draft) Engineer Manual (EM) 1110-1-4009, Military Munitions Response Process, for the U.S. Army Engineering and Support Center, Huntsville Military Munitions Center of Expertise (MM CX)

We continue to maintain active contact with our government clients, and federal and state regulatory agencies, who have a direct affect on our industry.

Well that's about all for now, and I look forward to seeing you all at the November annual meeting.

Government Affairs

As the calendar year winds down, the government's fiscal year is just beginning and we can start to see the results of all of our efforts. Our request this year was to "buy-out" the Military Munitions Response Program (MMRP) requirements for those installations closed under the 1988 Base Realignment and Closure Act (BRAC) round as well as to seek additional funding for Formerly Used Defense Sites (FUDS) specifically targeted toward MMRP response actions.

Congress did not complete all of the Fiscal Year 2007 legislation before recessing at the end of September in order to campaign for the mid-term elections. Therefore, I am only able to report on two bills, the 2007 Defense Appropriations Bill and the John Warner National Defense Authorization Act for Fiscal Year 2007.

The 2007 Defense Appropriations Bill provides \$1.5M in the Environmental Security Technical Certification Program for "UXO Innovative Technology Transfer".

The John Warner National Defense Authorization Act for Fiscal Year 2007 addresses the management and goals of the MMRP.

- Section 311: Revision of the requirement for an Unexploded Ordnance (UXO) program manager (PM).
- Section 313: Response plan for remediation of UXO, Discarded Military Munitions (DMM), and Munitions Constituents (MC).
- Section 314: Research on Effects of Ocean Disposal of Munitions.
- Authorization of \$40M in additional funding for the FUDS program.

Funding for BRAC and MMRP reside in the Military Construction and Veterans Affairs Spending Bill, which was not completed before the Congressional recess. As a result, I am unable to report whether or not additional funding will be allocated to these programs.

I thank you for your support and look forward to seeing you next month at our annual membership meeting.

Technology

Committee Members: Jeff Leberfinger, Jonathan Sperka, Ken Ford, Patrick McDonnell, James Putnam and Tom Bell

SERDP/ ESTCP In-Progress Review (IPR) meetings will be held November 1st and 2nd in Arlington, Virginia. I will be attending, representing NAOC and the Technology Committee. Project topics will include: UXO Site Protocols/Survey Support, Detection/Discrimination, Underwater Technologies, Sensor Development, and Prevention.

Of particular interest is an ESTCP project specific to technology transfer, requested by Alex Beehler, Assistant Deputy under Secretary of Defense (Environment, Safety, and Occupational Health). Mitretek Systems has been contracted to conduct a study that identifies and examines potential barriers to Unexploded Ordnance (UXO) technology transfer. I have met with two project managers of Mitretek to discuss tech transfer issues, and have recommended that they solicit input and opinions from the entire NAOC community. Please participate when this opportunity occurs.

Our lobbying for additional government funding specific to tech transfer has been successful. In our information paper submitted to the House Appropriations Subcommittee on Defense in March, the committee recommended that \$5 million be dedicated "to evaluate government developed technology for the detection of unexploded ordnance at active remediation sites." In the final Defense Appropriation Act, now on the Presidents desk for signature, \$1.5 million has been earmarked for tech transfer. Thanks to all of you who have helped make this effort successful.

Thanks to all committee members for your support and I look forward to seeing you again at the NAOC General Membership meeting in Crystal City, Virginia in November.

Member Services

Thanks to everyone who supported the NAOC activities at the UXO Forum. We had an excellent reception with key clients in attendance. And special thanks to all of you who helped tend our booth! The NAOC fall membership meeting will be held November 14 - 16 at the Hyatt Crystal City near Washington DC. The event will begin with the Board of Directors meeting on Tuesday afternoon. The Board of Directors meetings are always open to our members. On Wednesday, we will have our speaker session, featuring briefs on the status of their MMRP and Operational Range Programs. The annual membership meeting will be held on Thursday morning with elections of member firms to the Board of Directors. Please contact the Hyatt Crystal City (703-418-1234) and ask for the NAOC rates. The room block will be held until October 25th. Our membership continues to grow. We now have 57 members. **New members since June are:**

- Cabrera Services
- EM-Assist, Inc.
- ERRG
- GEL Geophysic
- InfoPro Corporation

Please join me in welcoming our new members. And I hope to see you all in Crystal City!

NAOC Committees



Technology
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Mission Statement:

Promote the research and development of promising technologies and the successful transfer of validated technologies for improved, safe, and cost-effective MEC detection, discrimination, and remediation solutions. Encourage synergy between government, industry, and academia to advance technologies for performing MEC-related site cleanup.

Member Services

Nelline Kowbel, Malcolm Pirnie
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Mission Statement:

Show maximum value and benefits of membership to retain existing members and attract new members by providing: a) access to industry shapers, b) mechanism for promotion of industry, and c) opportunity to impact breaking industry events and information.

Member Spotlight:



INTRODUCING TLI SOLUTIONS, INC. (formerly part of TechLaw, Inc.)

TLI Solutions, Inc is new company formed out of TechLaw to provide a wider and more sophisticated array of engineering, scientific, regulatory, and management consulting services and tools to our government and commercial clients. We have drawn from TechLaw our entire team of experts and consultants in munitions and unexploded ordinance analysis, environmental investigation and restoration, Superfund cost recovery and allocation, environmental compliance and management, insurance analysis, and settlement counseling. We have supplemented this team with an accomplished and experienced group of engineers, scientists, and project management consultants so that, through TLI Solutions, we are now able to provide an expanded suite of professional services that include research and investigation, remediation and restoration, construction, wetland management, nuclear and chemical safety and project management.

TLI Solutions has offices in Denver, Albuquerque, Lafayette, Philadelphia, Washington, DC, Los Alamos, Seattle and Oakridge.

*NAOC contact for TLI Solutions, Inc.:
Mr. Gene Barber (303) 763-7188 or
Jchgarber@TLIsolutions.com*



Malcolm Pirnie provides mission-focused solutions for both operational ranges and other than operational range/munition disposal sites that are no longer in use. We provide life-cycle munitions and range management services, integrating a thorough understanding of the stakeholder's needs to support the design, construction, maintenance, and closure of our nation's test and training ranges of today and tomorrow.

When closure or reuse becomes necessary, Malcolm Pirnie's engineers, scientists, geophysicists, in-house UXO technicians, and community outreach personnel have the expertise to ensure your special operation restoration and reuse needs are met. Our team takes an active role in all aspects of your project — from cost analysis and technical guidance to planning and implementation of complex investigations, designs, and removals.

We employ innovative strategies for managing Munitions Constituents (MC), Munitions and Explosives of Concern (MEC), and Chemical Warfare Material (CWM) sites and for sustaining the use of operational ranges. With our extensive implementation experience throughout the DoD — on Formerly Used Defense Sites (FUDS), Base Realignment and Closure (BRAC), and active installations, and in the development of policies for the Munitions Response Program (MRP) and Sustainable Range Program (SRP) at the headquarters level — we are able to understand the many perspectives of your project.

The result is cost-effective continuance of sustainable military ranges while excess properties and facilities are efficiently and safely closed and put to beneficial reuse.

*NAOC contact for Malcolm Pirnie, Inc.:
Ms. Heather Polinsky (410) 230-9961 or
hpolinsky@pirnie.com*

Member Spotlight:



ZAPATAENGINEERING, a small business, was founded in 1991 to provide full service architectural-engineering and environmental consulting services. Since the company's inception, we have developed and sustained a culture that constantly pushes the development of new and better technologies to help our client's achieve their goals. This is accomplished through our broad and deep resource pool of engineering, scientific, and project management staff including civil, structural, environmental, electrical, mechanical, mining, and geotechnical engineers; professional geologists and geophysicists; environmental scientists, UXO Technicians; geographic information systems professionals; software developers; and industrial hygienists. ZAPATAENGINEERING acquired Blackhawk GeoServices Inc. in Golden, CO, which brings the capabilities of one of the oldest and most respected geophysical firms in the country to supplement our MEC, engineering design, and construction capabilities managed from our Charlotte, NC and Kailua, HI offices.

ZAPATAENGINEERING has the proven ability to execute the entire spectrum of technical and management demands imposed by complex MEC and engineering challenges across 22 time zones from Massachusetts, to remote locations in the Pacific, China, and Iraq. We have managed concurrent, multi-million dollar Indefinite Delivery Indefinite Quantity (IDIQ) contracts for Architectural and Engineering, Munitions Response, and Environmental Services worldwide. The firm holds professional licenses in 21 states as well as General Contractor licenses. We have been successful in field applications of autonomous data collection platforms and high-hazard construction in support of range clearance operations. At ZAPATAENGINEERING, we offer our clients safe, high quality, compliant, and proven approaches to meet their needs.

*NAOC contact for Zapata:
Ms. Suzy McKinney (704) 358-8240 or scmckinney@zapeng.com*



Applying robotic technology underwater for non-destructive remediation of unexploded ordnance

Underwater Ordnance Recovery Incorporated hopes to make uwuxo remediation both safe and cost efficient using innovative technology which exceeds conventional means.

While divers will continue to be a critical asset, the challenges we face around the world have grown as sea dumped munitions originally considered disposed of under the Chemical Weapons Convention of 1972 (CWC) are revisited out of concern for long term environmental impacts. Neutralization and other disposal technologies offered by NAOC members are well suited to meet an emerging need for the non-destructive remediation of recovered materials.

The first ever conference to focus solely on this issue, called "The First International Conference on Chemical and Conventional Munitions Dumped at Sea", will be hosted by the Canadian firm Decommissioning Services (DCS), and held in Halifax, Nova Scotia October 9, 10, and 11, 2007. An announcement is to be released shortly.

UOR is a proud sponsor of this event, and encourages other NAOC members to do the same. This is a great opportunity to highlight your successful underwater remediation projects and emerging methodologies. Providers of wide area detection and discrimination technologies (along with many others) are encouraged to demonstrate their capabilities, as provisions will be made available for this purpose.

*NAOC contact for UOR:
Mr. James Barton (757) 572-7750 or jamesbarton@uwuxo.com*

Soil sampled for munitions



Angela Nolan, Ose Carr, and Jennifer Buckels project engineers for Malcolm Pirnie, sample soil and plot GPS coordinates on Fort Belvoir as David Sherer Unexploded Ordnance specialist, watches. (Photo by Marny Malin)

Project engineers from Malcolm Pirnie are digging up Fort Belvoir's historic past, or at least traces of it, in response to the Department of Defense-wide Military Munitions Response Program.

"This is the first time shovels have entered the ground at Fort Belvoir for the MMRP program," explained Kevin Kivimaki, contracted environmental specialist for SpecPro, a government contracted company specializing in engineering, environmental and information management.

MMRP is a phased program that includes a historical records review, a site investigation phase and a cleanup phase. The current fieldwork is part of the second phase at Fort Belvoir.

Malcolm Pirnie, a company of environmental engineers, scientists and consultants, are contracted by the Department of the Army to collect and analyze soil and groundwater samples on former training ranges as part of MMRP.

The program was established in 2001 to address environmental, health and safety issues presented by former training ranges on military installations, said Marcia Kicos, Fort Belvoir's Environmental Compliance branch chief.

Angela Nolan and Jennifer Buckels, project engineers from Malcolm Pirnie, took soil samples from a large berm behind the Vehicle Processing Center at Tulley Gate, which was previously a World War II firing range, and several other historic training locations at Fort Belvoir during a period of two weeks.

"We take surface soil samples of the top 6 inches," said Buckels, as she dug a hole in the berm on Sept. 14. "We use disposable containers so that there is not cross contamination." Buckels and Nolan have sampled 19 different ranges and range complexes, taking six soil samples at each site while wearing gloves. Then the scientists combine the samples on a plastic sheet and take them to the lab so they can be analyzed.

"We look for traces of metals," said Nolan, who uses an all metals detector and visual surveys for preliminary investigation on each site "Lead is an indicator of small arms use." Malcolm Pirnie also took ground water samples from two sites at the entrance of Davison Army Airfield, a former mine and booby-trap area during World War II. Military use of the Fort Belvoir property began in 1912 when the Engineer School, which was located at what is now Fort McNair, used the land for tactical training like rifle practice and bridge building, said Gustav Person, installation historian.

"In 1912 the land was turned over to the War Department," Person said.

Training continued at Fort Belvoir during World War I, World War II and through the 1980s until the Engineer School relocated to Fort Leonard Wood, Mo. With this shift in mission some of Fort Belvoir's training areas were closed, said Kicos.

Because the military trains under realistic battle conditions there is a possibility that unexploded ordinance devices, discarded military munitions and munitions constituents are present at these historic training sites, said Kicos. "Fort Belvoir is one of many installations being looked at with regard to former training facilities," Kivimaki said. "It is a proactive step that the Army is taking to address former resources."

The Army is evaluating these sites to determine if there are risks to human health, safety or the environment and is ensuring that former activities will not adversely affect the land for future generations, said Kivimaki.

10/05/06

By Melina Rodriguez

Staff Writer

<http://www.belvoireagle.com/archives/2006/OCT/5/soilsample.shtml>

NEWS

DOD Appropriations Progress -

Taken from NDIA News September, 2006

On September 7th the Senate passed a \$469.7 billion version of the defense appropriations bill and will begin negotiating with the House on a final bill. The House passed a \$427.6 billion version in June. The Senate bill would provide \$403.5 billion in discretionary spending plus an additional \$66.1 billion in supplemental spending for continued funding of the war in Iraq and Afghanistan and for emergency needs. Not including supplemental spending, the Senate bill is \$9.1 billion less than the administration's defense spending request, and the House bill is \$4.1 billion less than Bush's request.

Overall, the Senate Defense spending bill would provide \$126.2 billion for operations and maintenance, \$3.7 billion below the request; \$99 billion for personnel, \$60.7 million below the request; \$80.9 billion for procurement, \$1.9 billion below the request; and \$72.9 billion for research, development, test and evaluation, \$165.3 million below the request.

The biggest differences between the two chamber's bills are over supplemental funding added to the measures to cover war costs and other emergency needs. House lawmakers included \$50 billion in supplemental funding in their bill, while the Senate matched that \$50 billion but added \$13.1 billion for repairing and replacing war-worn military equipment amid concerns over military readiness. The Senate added \$1.8 billion for border security, including new fencing along the U.S. border with Mexico, \$700 million for fighting opium production in Afghanistan, and \$275 million to cover the costs of fighting wildfires by federal agencies.

With the Defense spending measure likely to be one of the few fiscal 2007 appropriations bills enacted before Congress recesses for the midterm elections, it may end up serving as the vehicle for a continuing resolution, or stopgap spending measure, to ensure that programs funded by the government continue to operate after Oct 1.

House Provisions

BRAC 1990 Account

House increased funding by \$25M over the budget request to "accelerate cleanup at closed facilities," with report language as follows:

The Committee is aware that there is a backlog of remaining requirements, particularly for cleanup of unexploded ordnance, for closed installations dating back to the 1988 BRAC round. The Committee is concerned by the slow pace of progress in remediating these properties and directs the Department to make funding for previous BRAC rounds a higher priority.

Environmental Restoration, FUDS

House approved requested funding for Environmental Restoration accounts for the Army, Navy, and Air Force, but increased funding by \$15M over the budget request for FUDS, with report language as follows:

The Committee understands that this is a large, nationwide issue and urges the Department to increase funding levels in future years.

Senate Provisions

Environmental Restoration, FUDS

Senate added \$40M to budget request for all FUDS environmental restoration programs, not just UXO.

NEWS

FY07 - Defense Authorization Act - 19 October 2006

SEC. 313. RESPONSE PLAN FOR REMEDIATION OF UNEXPLODED ORDNANCE, DISCARDED MILITARY MUNITIONS, AND MUNITIONS CONSTITUENTS.

(a) Performance Goals for Remediation- The Secretary of Defense shall set the following remediation goals with regard to unexploded ordnance, discarded military munitions, and munitions constituents:

- (1) To complete, by not later than September 30, 2007, preliminary assessments of unexploded ordnance, discarded military munitions, and munitions constituents at all active installations and formerly used defense sites (other than operational ranges).
- (2) To complete, by not later than September 30, 2010, site inspections of unexploded ordnance, discarded military munitions, and munitions constituents at all active installations and formerly used defense sites (other than operational ranges).
- (3) To achieve, by not later than September 30, 2009, a remedy in place or response complete for unexploded ordnance, discarded military munitions, and munitions constituents at all military installations closed or realigned as part of a round of defense base closure and realignment occurring prior to the 2005 round.
- (4) To achieve, by a date certain established by the Secretary of Defense, a remedy in place or response complete for unexploded ordnance, discarded military munitions, and munitions constituents at all active installations and formerly used defense sites (other than operational ranges) and all military installations realigned or closed under the 2005 round of defense base closure and realignment.

(b) Response Plan Required-

(1) IN GENERAL- Not later than March 1, 2007, the Secretary of Defense shall submit to the congressional defense committees a comprehensive plan for addressing the remediation of unexploded ordnance, discarded military munitions, and munitions constituents at current and former defense sites (other than operational ranges).

- (2) CONTENT- The plan required by paragraph (1) shall include—
- (A) a schedule, including interim goals, for achieving the goals described in paragraphs (1) through (3) of subsection (a), based upon the Munitions Response Site Prioritization Protocol established by the Department of Defense;
 - (B) such interim goals as the Secretary determines feasible for efficiently achieving the goal required under paragraph (4) of such subsection; and
 - (C) an estimate of the funding required to achieve the goals established pursuant to such subsection and the interim goals established pursuant to subparagraphs (A) and (B).

(3) UPDATES- Not later than March 15 of 2008, 2009, and 2010,

the Secretary shall submit to the congressional defense committees an update of the plan required under paragraph (1). The Secretary may include the update in the report on environmental restoration activities that is submitted to Congress under section 2706(a) of title 10, United States Code, in the year in which that update is required and may include in the update any adjustment to the remediation goals established under subsection (a) that the Secretary determines necessary to respond to unforeseen circumstances.

(c) Report on Reuse Standards and Principles- Not later than March 1, 2007, the Secretary of Defense shall submit to the congressional defense committees a report on the status of the efforts of the Department of Defense to achieve agreement with relevant regulatory agencies on appropriate reuse standards or principles, including—

- (1) a description of any standards or principles that have been agreed upon; and
- (2) a discussion of any issues that remain in disagreement, including the impact that any such disagreement is likely to have on the ability of the Department of Defense to carry out the response plan required by subsection (b).

(d) Definitions- In this section:

- (1) The terms 'unexploded ordnance' and 'operational range' have the meanings given such terms in section 101(e) of title 10, United States Code.
- (2) The terms 'discarded military munitions', 'munitions constituents', and 'defense site' have the meanings given such terms in section 2710(e) of such title.

(e) Conforming Repeal- Section 313 of the National Defense Authorization Act for Fiscal Year 2002 (Public Law 107-107; 115 Stat. 1051; 10 U.S.C. 2706 note) is repealed.

SEC. 314. RESEARCH ON EFFECTS OF OCEAN DISPOSAL OF MUNITIONS.

(a) Identification of Disposal Sites-

- (1) HISTORICAL REVIEW- The Secretary of Defense shall conduct a historical review of available records to determine the number, size, and probable locations of sites where the Armed Forces disposed of military munitions in coastal waters. The historical review shall, to the extent possible, identify the types of munitions at individual sites.
- (2) COOPERATION- The Secretary shall request the assistance of the Coast Guard, the National Oceanic and Atmospheric Administration, and other relevant Federal agencies in conducting the review required by this subsection.

Continued on page 10.....

NAOC Photo Gallery -

Things that happened

Things that are going on

We do not have any photos for this edition - but if anyone has photos from NAOC events please send to Cheryl Kennedy (ckennedy@pirnie.com) so she can post in the next newsletter.

UXO Tech Transfer News

Good news on our proposal for a UXO technology transfer project in the Defense Appropriations Act. The House had approved \$2.5M, while the Senate did not provide any money. The House-Senate conference committee approved \$1.5M for this project. The full House adopted the appropriations bill last night, and the Senate should act before the weekend. I would suggest that the next step in the process is a meeting with DOD to begin determining exactly how this money will be spent.

UXO remediation funding is contained in the Military Construction/Military Quality of Life Appropriations Act, which will not be approved until after the November election.

FY07 - Defense Authorization Act - 19 October 2006

(3) **INTERIM REPORTS-** The Secretary shall periodically, but no less often than annually, release any new information obtained during the historical review conducted under paragraph (1). The Secretary may withhold from public release the exact nature and locations of munitions the potential unauthorized retrieval of which could pose a significant threat to the national defense or public safety.

(4) **INCLUSION OF INFORMATION IN ANNUAL REPORT ON ENVIRONMENTAL RESTORATION ACTIVITIES-** The Secretary shall include the information obtained pursuant to the review conducted under paragraph (1) in the annual report on environmental restoration activities submitted to Congress under section 2706 of title 10, United States Code.

(5) **FINAL REPORT-** The Secretary shall complete the historical review required under paragraph (1) and submit a final report on the findings of such review in the annual report on environmental restoration activities submitted to Congress for fiscal year 2009.

(b) **Identification of Navigational and Safety Hazards-**

(1) **IDENTIFICATION OF HAZARDS-** The Secretary of Defense shall provide available information to the Secretary of Commerce to assist the National Oceanic and Atmospheric Administration in preparing nautical charts and other navigational materials for coastal waters that identify known or potential hazards posed by disposed military munitions to private activities, including commercial shipping and fishing operations.

(2) **CONTINUATION OF INFORMATION ACTIVITIES-** The Secretary of Defense shall continue activities to inform potentially affected users of the ocean environment, particularly fishing operations, of the possible hazards from contact with disposed military munitions and the proper methods to mitigate such hazards.

(c) **Research-**

(1) **IN GENERAL-** The Secretary of Defense shall continue to conduct research on the effects on the ocean environment and those who use it of military munitions disposed of in coastal waters.

(2) **SCOPE-** Research under paragraph (1) shall include—

(A) the sampling and analysis of ocean waters and sea beds at or adjacent to military munitions disposal sites selected pursuant to paragraph (3) to determine whether the disposed military munitions have caused or are causing contamination of such waters or sea beds;

(B) investigation into the long-term effects of seawater exposure on disposed military munitions, particularly effects on chemical munitions;

(C) investigation into the impacts any such contamination may have on the ocean environment and those who use it, including public health risks;

(D) investigation into the feasibility of removing or otherwise remediating the military munitions; and

(E) the development of effective safety measures for dealing with such military munitions.

(3) **RESEARCH CRITERIA-** In conducting the research required by this subsection, the Secretary shall ensure that the sampling, analysis, and investigations

are conducted at representative sites, taking into account factors such as depth, water temperature, nature of the military munitions present, and relative proximity to onshore populations. In conducting such research, the Secretary shall select at least two representative sites each in the areas of the Atlantic coast, the Pacific coast (including Alaska), and the Hawaiian Islands.

(4) **AUTHORITY TO MAKE GRANTS AND ENTER INTO COOPERATIVE AGREEMENTS-** In conducting research under this subsection, the Secretary may make grants to, and enter into cooperative agreements with, qualified research entities.

(d) **Monitoring-** If the historical review required by subsection (a) or the research required by subsection (c) indicates that contamination is being released into the ocean waters from disposed military munitions at a particular site or that the site poses a significant public health or safety risk, the Secretary of Defense shall institute appropriate monitoring mechanisms at that site and report to the congressional defense committees on any additional measures that may be necessary to address the release or risk, as applicable.

(e) **Definitions-** In this section:

(1) The term 'coastal waters' means that part of the ocean extending from the coast line of the United States to the outer boundary of the outer Continental Shelf.

(2) The term 'coast line' has the meaning given that term in section 2(c) of the Submerged Lands Act (43 U.S.C. 1301(c)).

(3) The term 'military munitions' has the meaning given that term in section 101(e) of title 10, United States Code.

(4) The term 'outer Continental Shelf' has the meaning given that term in section 2(a) of the Outer Continental Shelf Lands Act (43 U.S.C. 1331(a)).

SEC. 1402. QUARTERLY REPORTS ON DEPARTMENT OF DEFENSE RESPONSE TO THREAT POSED BY IMPROVISED EXPLOSIVE DEVICES.

(a) **Reports Required-**

(1) **INITIAL REPORT-** Not later than 90 days after the date of the enactment of this Act, the Secretary of Defense shall submit to Congress a report—

(A) regarding the status of the threat posed to United States and allied forces in Iraq and Afghanistan by improvised explosive devices; and

(B) describing efforts being undertaken by the Department of Defense to defeat that threat.

(2) **SUPPLEMENTAL QUARTERLY REPORTS-** After the submission of the report under paragraph

(1), the Secretary shall submit to Congress a supplemental report, not later than 30 days after the end of each calendar-year quarter, to account for every reported incident involving the detonation or discovery of an improvised explosive device during the preceding quarter that involved United States or allied forces in Iraq and Afghanistan.

(3) **CLASSIFICATION OF REPORTS-** Reports under this section shall be transmitted in an unclassified manner with a classified annex, if necessary.

(b) **Joint IED Defeat Organization and Related Offices-** Each report under subsection (a) shall provide the following information regarding the joint entity in the Office of the Secretary of Defense known as the 'Joint IED Defeat Organization' and those portions of all other organizational elements

within the Department of Defense that are focused on countering improvised explosive devices:

(1) The number of Department of Defense personnel assigned to the Joint IED Defeat Organization and each other organizational element.

(2) The major locations to which such personnel are assigned and the organizational structure of those elements.

(3) The projected budget of the Joint IED Defeat Organization and those other elements relating to the counter-IED mission.

(4) The level of funding required for administrative costs relating to the counter-IED mission.

(c) **Existing Threat and Counter Measures-** Each report under subsection (a) shall include the following information regarding the threat posed by improvised explosive devices and the countermeasures employed to defeat those threats:

(1) The number of improvised explosive devices being encountered by United States and allied military personnel, including general trends in tactics and technology used by the enemy.

(2) Passive countermeasures employed and the success rate of each such countermeasure.

(3) Active countermeasures employed and the success rate of each such countermeasure.

(4) Any evidence of assistance to the enemy by foreign countries or other entities not directly involved in fighting United States and allied forces in Iraq and Afghanistan.

(5) A summary of data collected and reports generated by the Department of Defense on efforts to counter improvised explosive devices in Iraq and Afghanistan and other fronts in the Global War on Terrorism.

(d) **Research, Development, Test, and Evaluation of New Countermeasures-** Each report under subsection (a) shall include the following information regarding research, development, test, and evaluation activities relating to new active and passive countermeasures and any impediments to those activities:

(1) The status of any effort within the Department of Defense to conduct research, development, test, and evaluation of passive and active countermeasures and to accelerate the introduction of those countermeasures into deployed units.

(2) Impediments to introduction of new passive and active countermeasures.

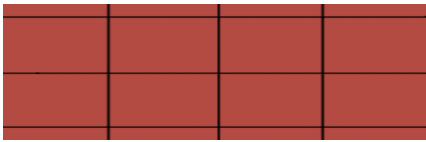
(e) **Interdiction Efforts-**

(1) **DESCRIPTION OF INTERDICTION EFFORTS-** Each report under subsection (a) shall identify those portions of any office within the Department of Defense (in addition to those discussed pursuant to subsection (b)) that are focused on interdiction of improvised explosive devices, together with the personnel and funding requirements for that office (as specified in subsection (b)) and the success of the interdiction efforts of that office.

(2) **INTERDICTION DEFINED-** For purposes of this subsection, the term 'interdiction' includes—

(A) the development of intelligence regarding persons and locations involved in the manufacture or deployment of improvised explosive devices; and

(B) subsequent action against those persons or locations, including efforts to prevent emplacement of improvised explosive devices.



Upcoming NAOC Events

NAOC BOARD OF DIRECTORS AND GENERAL MEMBERSHIP MEETING

DRAFT AGENDA - Day 1 and 2

November 14-16, 2006

Hyatt Crystal City

Arlington, VA

TUESDAY, NOVEMBER 14, 2006

3:00 PM - 5:00 PM Board of Directors Meeting (*Open to NAOC members*)

WEDNESDAY, NOVEMBER 15, 2006

7:30 AM - 8:45 AM Continental Breakfast

Speaker Session

**MUNITIONS RESPONSE AND OPERATIONAL RANGE PROGRAMS—
SERVICE CHIEFS PERSPECTIVES**

8:45 AM - 9:00 AM **President's Opening Remarks**

9:00 AM - 11:30 AM **Speaker Sessions**

10:00 AM - 10:30 AM **Break**

11:30 AM - 1:00 PM **LUNCH (On your own)**

1:00 PM - 2:00 PM **Speaker Sessions**

2:00 PM - 2:30 PM **Break**

2:30 PM - 4:15 PM **Panel Discussion (Speakers)**

4:15 PM - 4:30 PM **Wrap Up**— Ben Redmond, NAOC President

4:30 PM - 6:00 PM **Social**

PLEASE BE SURE TO JOIN US FOR OUR NAOC SOCIAL EVENT

Upcoming NAOC Events (cont'd)

NAOC BOARD OF DIRECTORS AND GENERAL MEMBERSHIP MEETING

DRAFT AGENDA -Day 3

November 14-16, 2006

Hyatt Crystal City

Arlington, VA

THURSDAY, NOVEMBER 16, 2006

7:15 AM - 8:00 AM Continental Breakfast

NAOC Business Meeting

8:00 AM - 8:10 AM President's Opening Remarks

8:10 AM - 8:20 AM Secretary's Report

8:20 AM - 8:30 AM Treasurer's Report

8:30 AM - 8:40 AM Operations and Standards Committee Report

8:40 AM - 8:55 AM Technology Subcommittee Report

8:55 AM - 9:00 AM Member Services Report

9:00 AM - 9:30 AM Government Affairs Report

9:30 AM - 9:45 AM President's Closing Remarks

9:45 AM - 10:05 AM New Member Briefs (5 minutes each)

10:05 AM - 10:30 AM Break

10:30 AM - 11:00 AM Nominations and Presentation Time for Members Seeking Election to Board of Directors (limited to 3 minutes or less per individual member company)

11:00 AM - 11:30 AM Elections for Board of Directors

11:30 AM - 11:45 AM Closing Remarks/ Adjourn General Membership Meeting

11:45 AM - 12:30 PM Nominations and Election of Officers (must be member of the new Board of Directors to nominate/ vote)

12:30 PM - 1:00 PM Closing Remarks/ Adjourn Board of Directors Meeting

2006 BOARD OF DIRECTORS

Booz | Allen | Hamilton



USA Environmental, Inc.



MEMBERS

Advent Environmental, Inc.
AETC Inc.
Alion Science & Technology
American EOD Services
American Technologies, Inc. (ATI)
ARM Group Inc.
Battelle
Bering Sea Ecotech, Inc.
Bhate Environmental Associates, Inc.
Booz Allen Hamilton
Bristol Environmental & Engineering Services Corporation
Cabrera Services
Cape Environmental Management, Inc.
CDM Federal Programs
CH2M Hill
Concurrent Technologies Incorporation
EA Engineering, Science & Technology, Inc.
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EM-Assist, Inc.
Environmental Hazards Specialists International, Inc. (EHSI)
EOD Technology, Inc.
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RONCO Consulting Corporation
Tetra Tech EC, Inc.
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UXB International, Inc.
Weston Solutions, Inc.
Xtech Explosive Decontamination, Inc.
Zapata Engineering, P.A.
Zonge Engineering and Research Organization, Inc.

From the Editor

Please submit your press releases and articles to ckennedy@pirnie.com, or you can mail them to Cheryl Kennedy, Malcolm Pirnie, Inc., 104 Corporate Park Drive, White Plains, NY 10602. The deadline for the next Newsletter is February 1, 2007. Comments and suggestions are welcome!

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