National Defense Industrial Association
Global EOD Conference and Exhibition
“Partnership Strategies (Post Iraq & Afghanistan)”

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DISTRIBUTION STATEMENT A: Approved for Public Release; Distribution is unlimited.
Describe Naval Explosive Ordnance Disposal Technology Division’s (NAVEODTECHDIV) strategic context

Discuss NAVEODTECHDIV Data Exchange Agreement (DEA) Programs

Present NAVEODTECHDIV level of effort for international sales of EOD equipment
DODD 5160.62

"(1) Improve the effectiveness and economy of EOD activity throughout the DoD by eliminating duplications and overlapping of EOD technology development and training efforts."

Supports National and Department of Defense objectives by developing and delivering appropriate EOD technology and information for the Military Services, Federal Agencies and foreign partners.
NAVEODTECHDIV International (IPO) and Foreign Military Sales (FMS) Authorities

DoD Directive 5160.62

- Makes the Secretary of the Navy the Single Manager for EOD Technology & Training (EODT&T), Supported by a Navy Flag Officer who acts as Executive Manager (EM)

- Commanding Officer, Navy Explosive Ordnance Disposal Technology Division (EODTECHDIV) acts as Deputy to the EM for DoD EOD Technology
  
  - Also the designated primary point of contact for DoD EOD Technology inside the Interagency

OPNAVINST 8027.1G

- EODTECHDIV is primary source of content for all international exchange agreements on EOD.

  - International exchange agreements include EOD tools, equipment, documentation and procedures.

- EOD tools and equipment, EOD training, and EOD information and publication will not be transferred, sold, loaned, or provided to a foreign government except in accordance with the National Disclosure Policy (NDP).

- Military Technical Acceptance Board (MTAB). EOD MTAB at EODTECHDIV approves all EOD tools, equipment, and procedures for Joint-Service and International use.
Deliver EOD Capabilities to U.S. Government and Partners

- EOD Information Development and Dissemination
- Explosive Ordnance Technical Evaluation
- EOD Technology Development and Acquisition
- EOD International Agreements and Foreign Military Sales
Succeed in Counterinsurgency, Stability, and Count Terrorism Operations

Win our Nation’s Wars

Strengthen Existing & Emerging Alliances & Partnerships

Prevent and Disrupt Terrorist Attacks

Combine Explosives Exploitation Cell (CEXC)

Foreign Material Acquisition (FMA)

In Country Exploitation (ICE) Team

Foreign Ordnance Exploitation Cell (FOXC)

EOD Information Knowledge Management

Equipment RDT&E

International Programs

Combined Explosives
Exploitation Cell (CEXC)

TF Commanders

Regional/Area Commanders

Combatant Commander

Theater Commanders

INTEL

RDT&E

Training

Operations

Training and Joint Operations

Prevent and Disrupt Terrorist Attacks

Explosives Detection Equipment

Robotics

CREW

Explosives Detection Equipment

EOD related equipment and publications

Foreign Material Sales

EOD Information Knowledge Management

Equipment RDT&E

International Programs

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Equipment RDT&E

International Programs
Exploitation – Warfighting Relevance

Level I: Collection and Exploitation
- Produces tactical picture, technical information, and recovers materials

Recovered Materials

Level II: Device/Materials Exploited in Theater
- CEXC: produces detailed device technical information, Biometrics, Frequency information, TTPs

Defeat the Device
- Enemy TTPs
- RDT&E Cycle for equip development
- CREW Load sets
- Technical info to other units
- Reduced IEDs
- Reduced IED effectiveness

Train the Force
- Enemy TTPs
- U.S. TTP Shortfalls
- Storyboards
- Device Replication
- Increases Training Cycle effectiveness

Exploitation Results Support
- Reduced IEDs
- Supports Stability/Rule of Law
- Saves Lives and Enables Mission Success

Level III: Device/Materials/Information Exploited Outside Theater
- TEDAC, NGIC, USACIL, TECHDIV: produces more detailed device technical information, Biometrics, TTPs, FP Solutions

Prosecution Packages
- Biometrics and Device Profiles
- Chemical analysis
- Supports Stability/Rule of Law

Attacking The Network
- Targeting package support via Biometrics and Device Profiles
- Component Tracking: ID and reduce source material
- Reduced IEDs

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Saves Lives and Enables Mission Success
Ensure Maritime Freedom

Sea Control

Navy Doctrine

Supported Mission

MIW

SMCM

AMCM

Clear maritime LOCs of hazards

Ordnance Intel and Threat analysis

Countermeasures and equipment/material development, vessel design

EOD Publications, Tools and Equipment

EOD Information Management (Code 20)
Technology Development (Code 50)

Oni

Ordnance Acquisition & Exploitation Capability

IPO/FMS

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Ordnance Acquisition & Exploitation Capability

IPO/FMS
Acquisition: Technology: Information: Exploitation

- Homeland Security directives
- Data Exchange Agreements
- Interagency Presence
- Intelligence Support
- Exploitation and Attribution

- JUONS and UONS implications
- VMODs, NVGs, Repeaters
- EOD Robotics
- CRADA and Innovation
- Future…Effectors - Sensors
Global Partnership Strategies

Building Partnerships

• Global partnerships with allied forces are a crucial part of maritime and land force security

Methods to support Partnerships include:

• Information Exchange Programs (IEPs)
  • Data Exchange Agreement (DEA) – Bi-lateral
  • Information Exchange Agreements (IEAs) – Multi-lateral

• Foreign Military Sales (FMS)

• Exercise Programs and Meaningful Engagement
Driven strategically

Handled regionally based on Host Nation interest in participation

COCOMs have largest DoD influence

Efforts coupled with Interagency Partners

Funding often late in Fiscal Year, many stakeholders
Interservice Responsibilities for EOD; AR 75-14 / OPNAVINST 8027.1G / MCO 8027.1D /AFR136-8:

- NAVEODTECHDIV “is designated as primary source of contact for all international exchange agreements on EOD, as may be authorized by the Secretary of Defense under existing instructions governing the interchange of technical information.”

DoD Directive 5160.62

- The Executive Manager for DoD EOD Training and Technology (EODT&T) shall:

  “Serve as the primary source contact for international exchange agreements (including NATO on EOD Technology issues).”
Exchanges

Navy International Programs Office (IPO) – Exchange Program Guidelines for Technical Project Officers (TPOs)

- DEA / IEA Annexes are government-to-government subordinate agreement that provides a mechanism for the exchange of Research and Development information, including Classified Military Information (CMI), in a specific technology or scientific area with allied and friendly nations.

Value

- The primary goals of the DEA / IEA programs are to create closer alliances; marshal U.S. and friendly foreign nations’ technological capabilities; enhance the security of the free world; improve interoperability and standardization; and identify cooperative opportunities.
Alignment and Value of Current Information Exchange Programs

- Aligns with EODTECHDIV information process – “Collect”
  - DoD EOD supports force protection mission to detect, identify, evaluate, render safe, and dispose of explosive ordnance and IEDs

- Aligns DoD and other NATO EOD with same national C-IED edicts
  - EOD / IEDD supports the “Defeat the Device” JIEDDO Line of Operation (LOO)

- Conserves resources
NATO ATP-72 outlines multi-national EOD operations that supports IED Defeat

Data Exchange Agreements (DEA) establish foundation for EOD information exchange between partner nations

Counter-IED includes “left of boom” AtN tenets that this working group does not address
“The Foreign Military Sales (FMS) program is the government-to-government method for selling U.S. defense equipment, services, and training. Responsible arms sales further national security and foreign policy objectives by

- Strengthening bilateral defense relations,
- Supporting coalition building, and
- Enhancing interoperability between U.S. forces and militaries of friends and allies.

These sales also contribute to American prosperity by

- Improving the U.S. balance of trade position,
- Sustaining highly skilled jobs in the defense industrial base, and
- Extending production lines and lowering unit costs for key weapon systems.”

- DSCA
FMS Process

- User submits equipment list request
- Request forwarded to Navy International Program Office (NIPO)
- Verify releasability of equipment, Figure of Merit
- Foreign Disclosure Review approved by IPO
- Host Nation reviews and approves equipment list
- Embassy Office of Defense Cooperation confirms delivery
- US DoS, DSCA, Embassy
- Case Manager, PEO/PMS Code and NAVEODTECHDIV receive and review
- Check Regulations and Export Laws
- Case Manager Forwards to NAVSEA for release approval
- Letter of Offer and Acceptance
- Paperwork completed and returned to NAVEODTECHDIV
- Host Nation reviews and approves equipment list
- Embassy Office of Defense Cooperation confirms delivery
Customers

Afghanistan
Albania
Algeria
Australia
Azerbaijan
Bangladesh
Bosnia
Cambodia
Chile
Czech Republic
East Africa
Estonia
India
Indonesia
Iraq
Israeli
Lebanon
Lithuania
Malaysia
Maldives
Malta
New Zealand
Nigeria
Norway
Omen
Pakistan
Peru
Poland
Republic of Niger
Romania
Slovakia
South Korea
Tunisia
Turkey
Turkey
Yemen

- Defense Security Cooperation Agency (DSCA)
- Navy International Programs Office (NIPO)
- PMS 326
- PMS 408
- Embassies
Program growth over the last four years

- From: 2 Countries & 4 cases
- To: 35 Countries & 29 cases

- From: Total sales of $12.5M
- To: Total sales of $125.4M
International Relationships

NATO EOD Working Group Members

Bosnia, Finland, South Korea, Singapore, Saudi Arabia, Morocco, Japan, Kuwait, Sweden, Malaysia, Israel, Afghanistan, Peru, Algeria, Czech Republic, Oman, Azerbaijan, Chile, Lithuania, Pakistan, Iraq, India, Lebanon, Bangladesh, Cambodia, Australia, New Zealand, Canada, UK, Bulgaria, Belgium, Estonia, Italy, Denmark, Slovakia, France, Netherlands, Spain, Turkey, Portugal, Greece, Germany, Norway, Poland, Romania, DSTL (UK), Israeli Defense Forces (IDF)

** : Bilateral Data Exchange Agreements
Our Mantra

Keep Them Off The Wall