Explosive Ordnance Disposal (EOD) Force Update

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Overview

- Core Mission Areas
- Who We Are
- Operational Force Lay Down
- Units of Action
- Enlisted Accession / Retention
- Key EOD Force Initiatives
- Statistics and Highlights
- Where Industry can Help
- Questions
Core Mission Areas

- **Explosive Ordnance Disposal**
  - Conventional, Chem, Bio, Nuke, U/W, IED, WMD
  - Remove hazards / Enable Access on land and from sea

- **Naval Expeditionary Combat Ops**
  - WMD, IED, UXO, Mines
  - NECC / NAVEXPEDRIVFOR
  - Marine Mammal Systems / Unmanned Systems
  - U.S. Secret Service and DOS VIP protection

- **Underwater Mine Countermeasures**
  - Organic, Dedicated UMCM
  - Naval Special Clearance Team
  - Marine Mammal Systems/Unmanned Systems

- **Expeditionary Diving / Salvage**
  - MDSU ONE/TWO…..rapid deployment
Who We Work With

• Conventional Forces
  • Blue: CSG, ESG, MCMRONs, USCG
  • Green: USMC

• SOF
  • Army Special Forces
  • Navy Seals

• Other
  • DTRA
  • USSS
  • Inter-Agency (HMA, JTF-FA)

• Theater Engagement
  • Significant multi-national engagement
Operational Forces

Low Supply / High Demand

EOD OPERATIONAL FORCE
471 Officers / 1031 Enlisted

ACTIVE CONUS
ACTIVE O-CONUS
NRF EOD (CONUS)
Tactical Unit Of Action

SOF Company Structure

SOF Company CDR
LT 2\textsuperscript{nd} Tour

SOF Platoon Leader
LDO/CWO 1st Tour

Team Leader
Team Member

Team Leader
Team Member

Team Leader
Team Member

Team Leader
Team Member

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Tactical Unit Of Action
Mine Counter Measures Platoon

MCM Platoon LDR/
LT 2nd Tour
LDO/CWO 1st Tour

Platoon LCPO

Team Leader
Team Member

Team Leader
Team Member

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Enlisted Accessions and Retention

- Accessions Requirement
  - FY10 Total Accession goal is 383 to meet 135 graduates
  - From Accession to Fleet is a Minimum of 85 weeks
  - Projected manning in FY 12 85% of requirement

- Retention
  - Force Shaping tools
    - Selective Re-enlistment Bonus (SRB)
    - Critical Skills Retention Bonus (CSRB)
    - Special Duty Assignment Pay (SDAP)
Key EOD Force Initiatives

- **Improving Health of the Force**
  - Implement (4:1 FRTP)
    - At best, current FRTP is 3:1 with mitigations in place
    - Potentially growing 8 additional EOD Platoons
      - *Will increase 5337 qualification rate*

- **Implemented 12 week Training for PLTS**
  - Advanced focused training increases readiness
Statistics and Highlights

- **Over 3500 Combat Missions in 2009**
  - Over 400 Combat Awards
  - 2 Silver Stars
  - 42 Purple Hearts

- **Navy EOD supporting the Surge in OEF**
  - EOD GROUP (Task Force Troy)
  - Platoons
  - Battalion

- **High Demand Low Density Asset**
  - One of the highest OPTEMPO’s in U.S. Navy
Explosive Ordnance Disposal

Where We Need Your Help?

Unmanned Systems

- UUV/UAV/Ground Robotics communications enhancement
- Underwater vehicle sensor and neutralization technology
- Energy Efficiency
- Ground Robotics advancements
  - Reduce time-on-target
  - Light weight systems for agile, dismounted ops without capability loss
  - Enhance manipulation capability
  - Extend operation life with advancements in power generation/supply

Personnel Protection

- Ultra light and agile body armor
- Next generation bomb suit technology
Where We Need Your Help?  Continued

**Standoff Detection and Disruption**
- *Determine the threat before going into harms way*
- *Enhance survivability*
- *Defeat the Network* *
- *Spectrum of Effects: Non-kinetic, low-order, high-order neutralization*

**Forensics**
- *Radiographic systems*
- *Post Blast investigation*
- *Wireless transmission/reception* *
Today’s Knights may wear a different suit of armor…but they have the same Honor, Courage and Commitment

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U.S. Navy Explosive Ordnance Disposal