

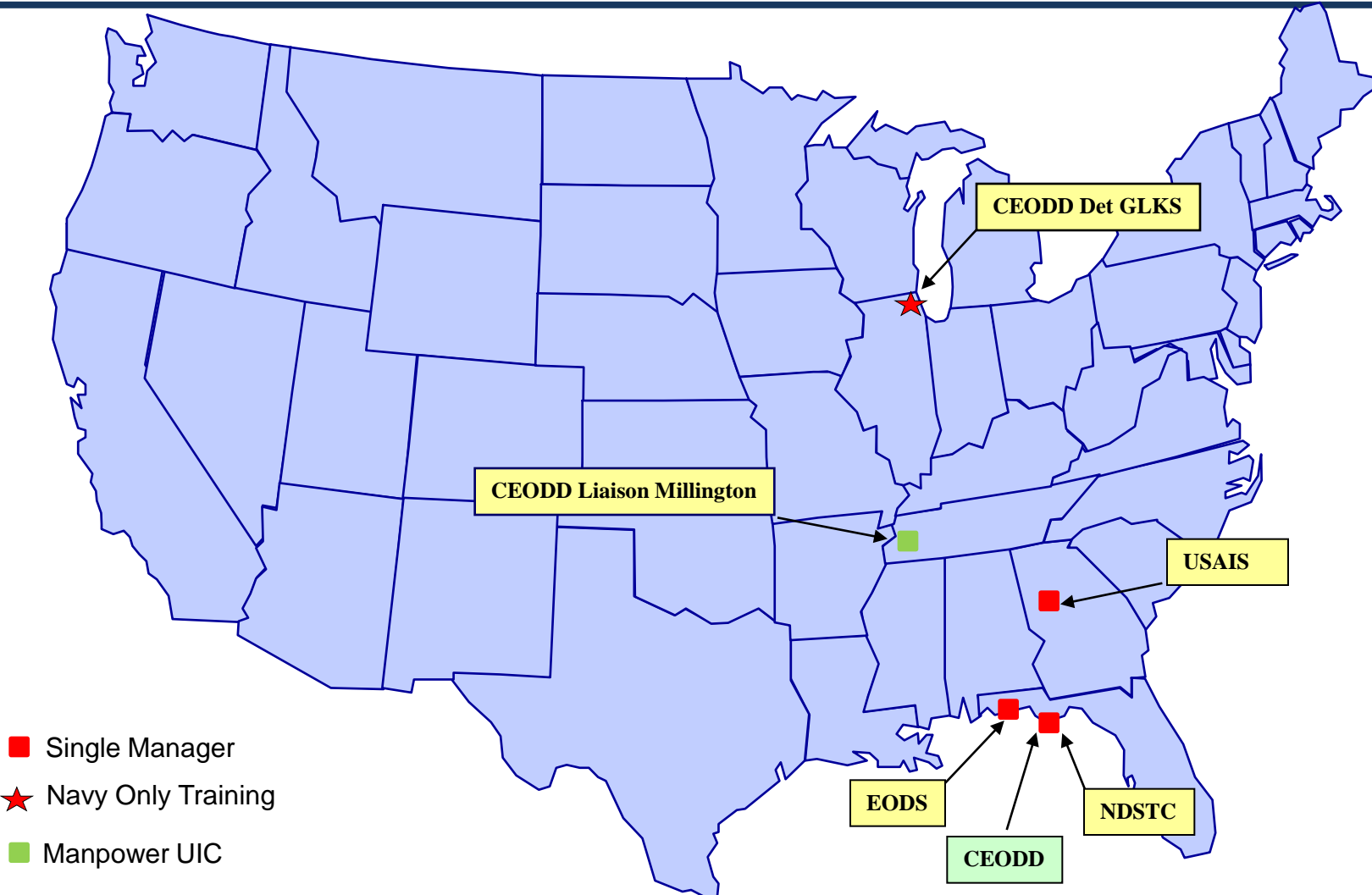
Center for Explosive Ordnance Disposal and Diving



Commanding Officer
CAPT Brad McKinney



Center for Explosive Ordnance Disposal and Diving





Responsibilities

Explosive Ordnance Disposal Training Programs

- DODD 5160.62: Single Manager for Military EOD Technology & Training
 - Provide basic and advanced explosive ordnance disposal training to all branches of service, foreign partners and select federal agencies
- RADM Shannon is the Navy's designated Executive Manager for EOD Technology and Training
- NAVSCOLEOD Commander reports to the Joint Service EOD Program Board as the Deputy for Training to RADM Shannon
- Center for EOD and Diving (CEODD) is the designated training agent for delivery of common individual EOD and Diving training to the Joint Services through its training site NAVSCOLEOD and training site Naval Diving and Salvage Training Site (NDSTC).

Diving Training Programs

- DODI 3224.04: Single Manager for Military Diving Technology & Training
 - Provides basic and advanced diving, salvage and ship repair training to all branches of service, foreign partners and select federal agencies



Training Gap - Advance HME Tasks

Joint Service EOD Program Board approved intermediate and advanced HME objectives as a Joint Service EOD Common-Core training requirement. (8 Sep 11)

OPNAV N95 Resource Sponsor Letter, 16 Apr 12, requested CEODD implement the NETC Course Development and Course Revision process to examine the inclusion of HME training in common type curriculum.

JIEDDO Approves Homemade Explosive (HME) Training Bridge Funding: CEODD requested JIEDDO provide funding to provide Homemade Explosive (HME) training at Los Alamos National Laboratory (LANL). Director JIEDDO, authorized release of funds (\$4.1 million) to provide HME Training. The bridge funding supports gap training/capability while CEODD conducts the NETC Course Development and Revision Process. The EOD Technical Training Acceptance Board (TTAB) has validated the quota requirements for each service and CEODD will act as quota manager working with JIEDDO and LANL.



Advance HME Tasks

- Demonstrate HME and general lab safety
- Conduct safety precautions and handling of IE/HME (TATP, HMTD, RDX, MEKP, UN, AN and other peroxide, chlorate, primary explosives)
- Utilize HME equipment in the manufacture of IE/HME
- ID HME precursor chemicals
- ID common IE/HME types
- Manufacture common IE/HME
- Manufacture improvised detonators
- Differentiate between IE/HME, standard military and commercial grade explosives
- Establish safe and appropriate manufacturing conditions
- Complete non explosive and live explosive chemical recipe simulating all items used in the manufacture of IE/HME
- Supervise the manufacture of common IE/HME
- Conduct neutralization or desensitization of common IE/HME
- Conduct gross field and second level sampling of common explosive chemicals
- ID the material collected using the appropriate sample method



Updated LANL HME Schedule

Task	If no additional safety or security measures are required	If additional safety or security measures are required	Percent completed
Finalize website design	5/31/13	6/7/13	30%
Instructor Certification	5/1/13	5/13/13	80%
Secondaries IWD	5/13/13	5/27/13	50%
Detonator IWD	5/13/13	5/27/13	50%
Lecture Development	5/13/13	5/27/13	50%
Primaries IWD	COMPLETED	COMPLETED	100%
Internal course dry-run with safety/management	6/3/13	6/10/13	
Sponsor Pilot course	06/17/13	06/24/13	



EOD Common Core Training

- BLUF: Training gaps identified during EOD School HPRR conducted Feb 2012
- 3 Courses of Action have been identified:
 - COA 1: Additional 104 Periods of Instruction (+13 Days)
 - COA 2: Additional 64 Periods of Instruction (+8 Days)
 - COA 3: Additional 32 Periods of Instruction (+4 Days)



EOD Common Core Training Gaps

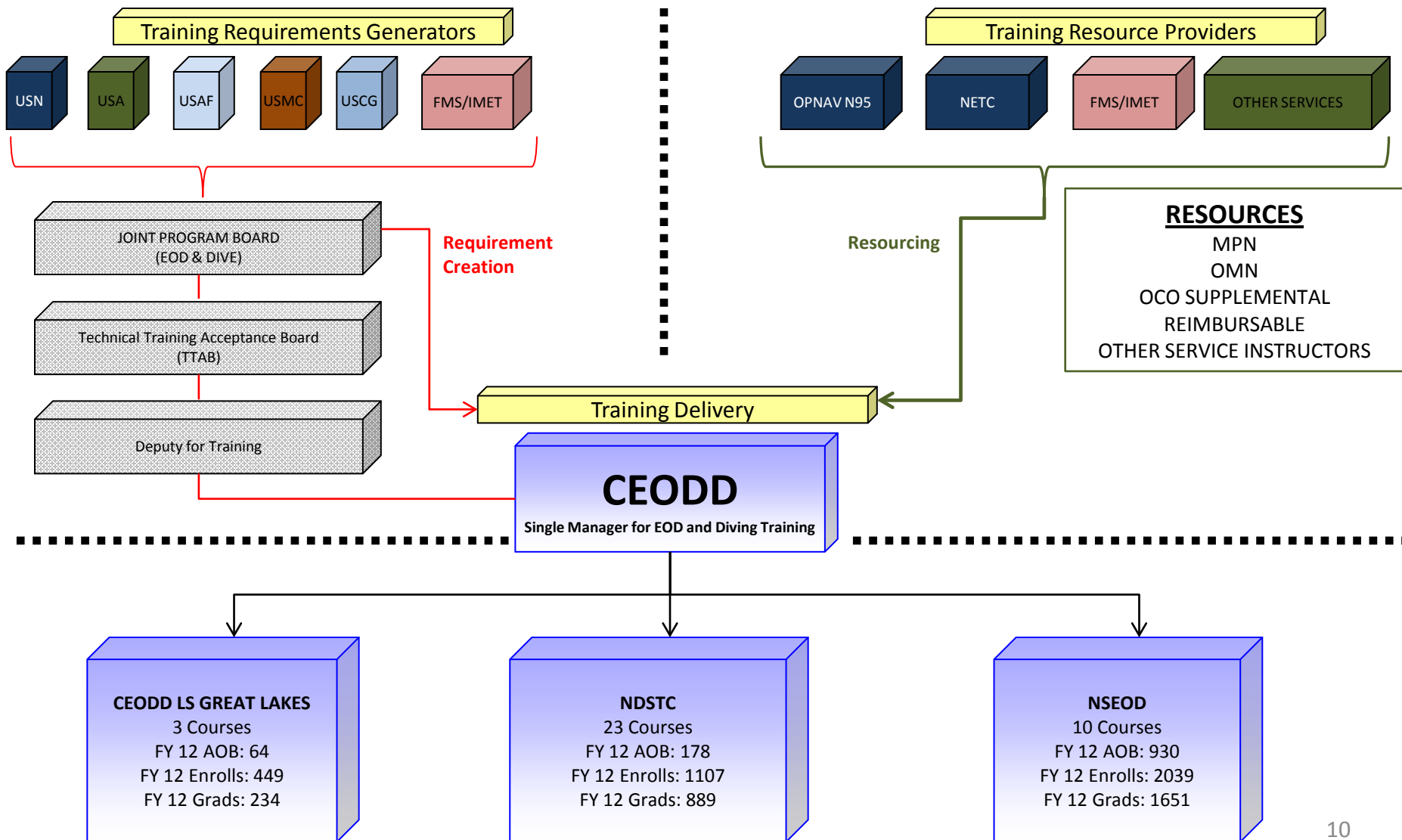
DIVISION	CHIT	PRIORITY	CTTL	OBJECTIVE	DAYS
DEMO	1	2	81	Small arms burn	0
DEMO	2	2	98-100	Lodged projectile removal (gun tube \geq 75mm)	1 request
TMD	7	2	113	Locate UXO using ferrous ordnance locator Note: includes testing	2 request
TMD	2	2	140-145	Lodged projectile removal (gun tube <75mm and mortars)	0
IED	8	1	281-286	HME and detectors Note: moved from BC	1 request
IED	3	2	297	MDET - Medium Directional Energetic Tool (set-up and emplacement) Note: includes live fire for other tools/charges	1 request
IED	5	1	310	IED subsurface using detectors	0
IED	4	1	311	Tactical acuity and ground sign analysis	3 request
IED	8	1	354	Full spectrum combat operations testing	3 request
BC	8	1	365-366	Reinstate chemical-walk	1 request
BC	6	1	423	Chemical, biological, drug lab identification	0
BC	8	1	424-432	MFK - Mobile Field Kit (computer decision support tool)	1 request



BACKUP



Training Requirement Generation and Funding Sources





Center for Explosive Ordnance Disposal and Diving Courses of Instruction

Formal Instructor Led Courses

ACTIVITY	TYPE CRSE	CIN	CDP	COURSE SHORT TITLE
S CEODD S GL IL	AP	A-433-0059	00RH	EODPREP
		A-433-0101	02MV	NDPREP
		A-433-0104	05AC	DMT PREP
S NDSTC PCITY	A2	A-431-0115	02U8	EODJOC
	A3	A-433-0022	6418	DIVER SECOND
		A-431-0083	233U	EOD DV
	C1	A-433-0019	2040	MASTER DIVQUAL
		A-433-0025	2082	DIVER FIRST
		A-433-0023	6419	SCUBA
		A-433-0052	385G	USMC DIVER
	C2	A-4N-0018	0273	RET DV INJURIES
	C5	A-433-0020	3365	DIVE MED TECH
	C6	A-6A-0010	0221	MED DEPT DIV OFF
	D1	A-433-0024	342L	ARMY ENG DIVER
		A-433-0058	3586	ARMY ENGR DIVER BNCOC
		A-433-0103	04W0	INTL DIVER
	F1	A-433-0054	398X	ARMY MASTER DIVE
		A-431-0076	429R	RECON CORPSMAN
		A-433-0030	04W5	CG2/C
		A-433-0150	07YA	USAF CD Open Circuit
		A-433-0151	07YG	USAF CD Closed Circuit
	C1	A-433-0036	4500	UWCONST TECH BAS
		A-433-0037	4502	UWCONST TECH ADV
	C2	A-4N-0024	603J	MEDOUA-ARMY
		A-4N-0040	03UL	MEDOUS-CG
		A-4N-0042	03WK	MEDOUSN-NAVY
A3	A-431-0133	04TR	EOD BASIC NAVY UNDERWATER	
	A-431-0134	04VV	DOD JOINT EOD BASIC COMMON CORE	
	C1	A-431-0056	444H	EOD MU APPRENTICE
D1	A-431-0069	0519	INTL EOD PHASE I	
	A-431-0019	3417	INTL EOD NAVY	
	A-431-0020	3413	INTL EOD PHS II SURFACE	
	A-431-0057	3411	INTL EOD FAM	
	A-431-0073	340Z	INTL EOD MISSILE	
	A-431-0032	04Z5	INTL IED COURSE	
F1	A-431-0200	997T	AIEDD	

Additional Computer Based Courses

- Navy Diver Salvage Course
- Mixed Gas and Saturation