



Lesson 1.2 Overview of United Nations Military Explosive Ordnance Disposal Units (MILEOD)

Lesson 1.2 Content

- Terminology – key terms
- UN use of the term EOD
- Role of MILEOD
- Aim of MILEOD deployment on Peacekeeping Missions
- Direct support provided by EOD activities
- EOD deployment considerations

Learning Outcomes Lesson 1.2

- Explain the key Explosive Ordnance Disposal (EOD) terms
- Explain the role and aim of MILEOD deployment in Peacekeeping Missions
- Explain the direct support provided by EOD activities
- Outline what planning considerations should be included when deploying a MILEOD

Abbreviations

- AO: Area of Operation
- AXO: Abandoned Explosive Ordnance
- BAC: Battlefield Area Clearance
- BCMD: Biological and Chemical Munitions Disposal
- CBRN: Chemical, Biological, Radiological and Nuclear
- CMD: Conventional Munitions Disposal
- DtD: Defeat the Device
- EO: Explosive Ordnance
- EOD: Explosive Ordnance Disposal
- ERW: Explosive Remnants of War
- FP: Force Protection
- HN: Host Nation
- IED: Improvised Explosive Device
- IEDD: Improvised Explosive Device Disposal
- LOO: Lines of Operation
- MILEOD: UN Military EOD units
- OPCW: Organization for the Prohibition of Chemical Weapons
- PKO: Peacekeeping Operations
- ROE: Rules of Engagement
- TCC: Troop Contributing Country
- UN: United Nations
- UNMAS: United Nations Mine Action Service
- UXO: Unexploded Ordnance

Terminology – Key Terms

- *Explosive Ordnance Disposal (EOD)*
- *Explosive Ordnance (EO)*
- *Conventional Munitions Disposal (CMD)*
- *Improvised Explosive Device Disposal (IEDD)*
- *Defeat the Device (DtD)*

EOD Procedures

- Detection
- Location
- Access
- Identification
- Evaluation
- Hazard Mitigation
- Render-safe
- Recording and Recovery
- Final Disposal

Explosive Ordnance (EO)

All munitions containing explosives



Conventional Munitions Disposal (CMD)

Conventional Munition Disposal (CMD) refers to EOD operations conducted on ammunition used as conventional weapons

- Mine clearance upon ERW discovery
- Single & multiple ERW outside hazardous areas
- EO -deterioration, damage or attempted destruction



ERW = Unexploded Ordnance (UXO) & Abandoned Explosive Ordnance (AXO)

Improvised Explosive Device Disposal (IEDD)

EOD procedures for IED elimination

A word cloud illustrating the various steps and components involved in the elimination of Improvised Explosive Devices (IEDs). The words are arranged in a cluster, with some in red and others in black. The words include: safe, recovery, location, identification, mitigation, rendering, evaluation, component, disposal, recording, detection, final, hazard, and access.

safe recovery
location **identification**
mitigation **rendering**
evaluation **component** disposal
recording detection
final hazard
access

Defeat the Device (DtD)

A defensive line of operation as part of IED risk mitigation activities

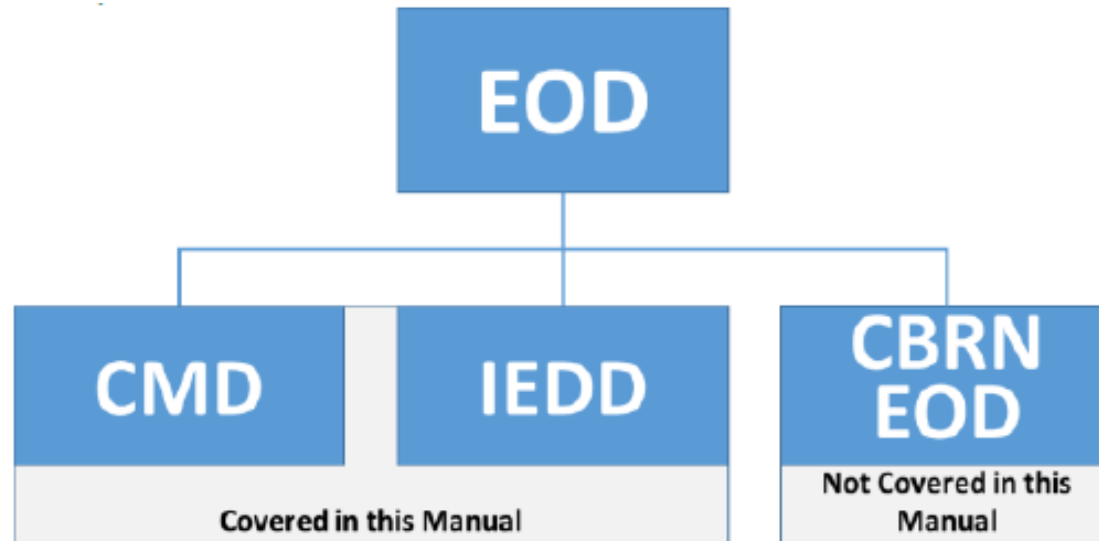
All actions and activities designed to reduce effects of IED initiations for safe operations

Includes:

- Search activities
- CMD activities
- IEDD activities
- Support to mission partners

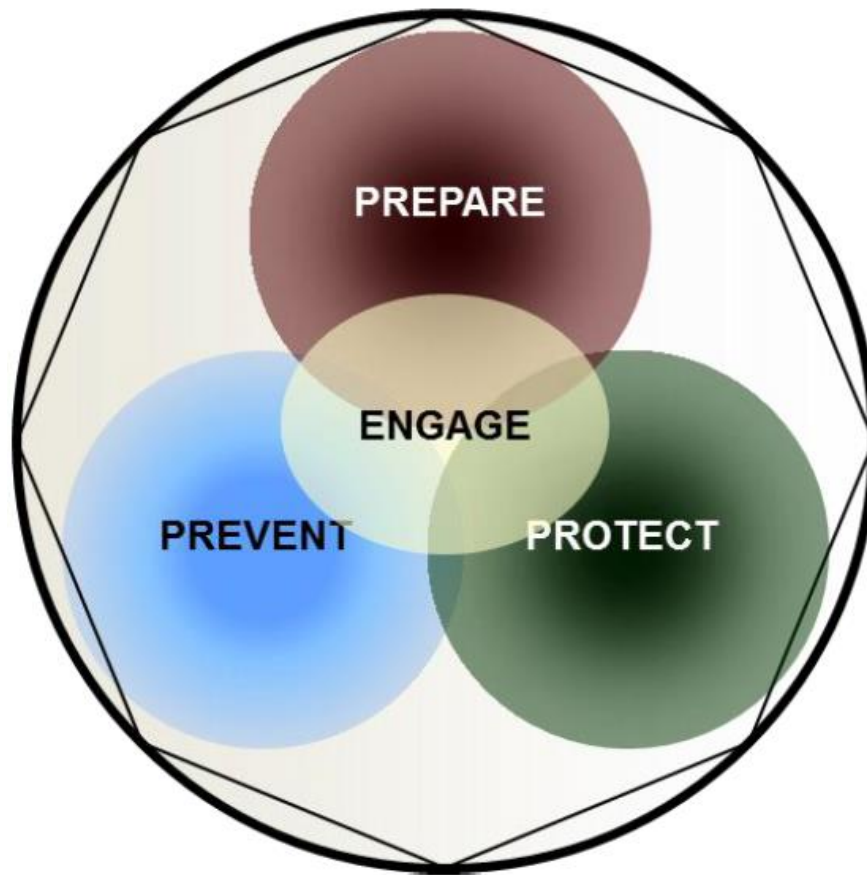
EOD = CMD + IEDD

- Different terminology used by member states
- UN uses CMD and IEDD
- Not covered is Chemical, Biological, Radiological and Nuclear (CBRN EOD)



Role of MILEOD

Counter EO threats in Peacekeeping Missions



Aim of EOD Unit Deployment in PK Missions

Defeat or mitigate EO effects, in support of



MILEOD Direct Support

- Enhance operational effectiveness
- Enhance operational efficiency
- Improve peacekeeper safety, security
- Support UN mandate

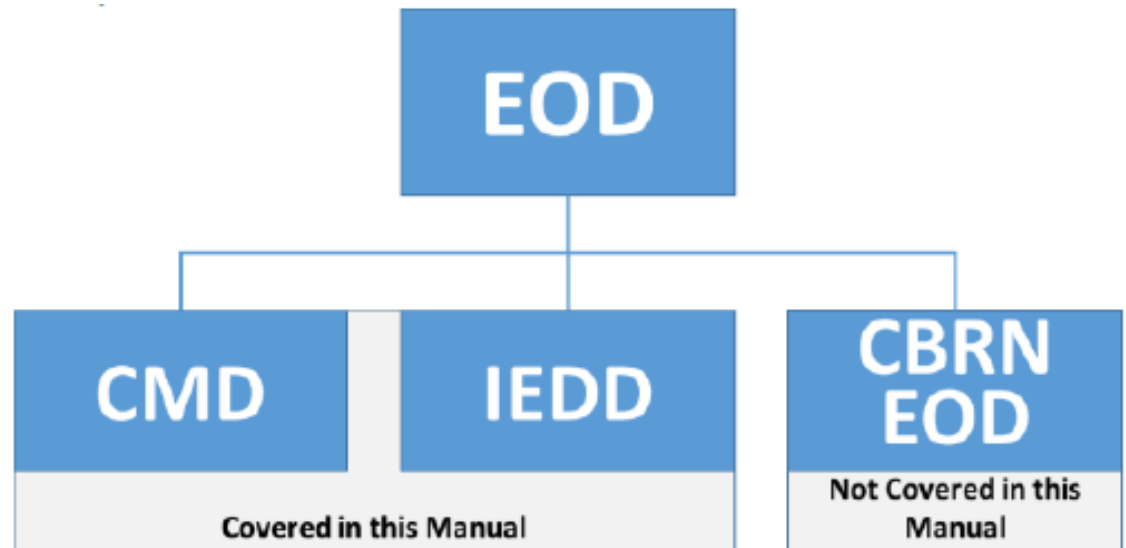
MILEOD Deployment Criteria

Threat assessment dependant

- EO assessed in area
- Requirements
- Threat's
- Unit structure, strength, equipment
- EOD operators competent
- UN mandate , Rules of Engagement (ROE)
- Advised to coordinate with UNMAS

Lesson 1.1 Take Away

- 9 procedures to dispose of EO or hazardous material as EOD incident
- EO - munitions containing **explosives**
- Defeat the Device:
 - Search
 - CMD
 - IEDD
 - Support partners



Lesson 1.2 Take Away

Defeat or mitigate EO effects, iot Sp:

- FP of UN & Partner agency Pers;
- PoC;
- FoM & FoA in AO;
- Increase confidence & effectiveness of UN troops;
- Contribute to stabilization - Removal of EO threats:
 - Impact economic development;
 - Energetic material source;
- Degrade IED networks – record & recover EO components.

Direct Support Provided by EOD

Enhance operational effectiveness & efficiency, improving peacekeeper safety & security in the field in support of the UN mission mandate.

Questions