

**NATO UNCLASSIFIED**

# **NATO STANDARD**

## **AEODP-12**

### **EXPLOSIVE ORDNANCE DISPOSAL INFORMATION SECURITY STANDARDS**

**Edition A Version 1**

**DECEMBER 2015**



**NORTH ATLANTIC TREATY ORGANIZATION**

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**NATO STANDARDIZATION OFFICE (NSO)**

**NATO LETTER OF PROMULGATION**

10 December 2015

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| <b>CHAPTER 1 GENERAL SECURITY GUIDELINES</b> |
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**101 INTRODUCTION**

This information security classification standard should be cited as the basis for safeguarding, classifying, re-grading or declassifying of EOD procedural/operational information and material. EOD procedural information used to develop detection, exploitation and rendering safe of UXOs and IEDs requires information protection from potential adversaries.

**102 BACKGROUND**

AEODP-12 has been produced to meet the requirements of STANAG 2186 and to provide harmonised safeguarding of information on, and the classification of, EOD procedures.

**103 AIM**

STANAG 2186 and Allied EOD Publication 12 (AEODP-12) provide standardization for the safeguarding of information on EOD procedures and their classification within the alliance.

**104 SCOPE**

AEODP-12 comprises sufficient technical detail to safeguard information on EOD procedures and their classification within the alliance.

**105 INSTRUCTIONS**

- a. If EOD procedures disclose the functions of alliance or non-alliance weapons or devices, the functions must be classified in accordance with this standard and/or source data for the specific weapon or device involved.
- b. The fact that certain details of information are shown to be unclassified should not automatically infer authorization for public release. If the information in question has application that is primarily military, it may not be appropriate for public release. Proposed public release of EOD-related unclassified information should be subject to the approval of the originator.
- c. Compilations of unclassified EOD information found in indexes, bibliographies, computer printouts, etc., may be classified if the items together provide an added factor which reveals information classified elsewhere in this standard and should be classified according to the information revealed.

- d. Particular concern and attention should be paid to EOD procedures and operational techniques that, taken individually, may not constitute a security concern, but when compiled by a potential adversary, provide an insight into EOD methodology and munitions countermeasures development.
- e. In the event of NATO contingency operations, the EOD Working Group will convene to review releasability issues of appropriate EOD publications to member nations.

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| <b>CHAPTER 2 EOD CLASSIFICATION GUIDELINES</b> |
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**SECTION 1 PERFORMANCE DATA AND TECHNICAL CHARACTERISTICS**

**201 PURPOSE.** This section covers EOD non-nuclear performance data and technical characteristics for classes of ordnance and improvised explosive devices (IEDs). The criterion provided below is intended to be used as guidance for standardized safeguarding of EOD information. However, there may be instances where commercial interests, operational necessity or similar influences factor into the final determination to classify information or not. The originator of the specific information is ultimately responsible for the level of classification assigned.

**201.1 General Ordnance Guidance.** This section covers EOD performance data and technical characteristics for categories of ordnance.

- a. Render safe procedures (RSPs) for ordnance in the unarmed condition (providing that procedure does not reveal any operation of the ordnance item that is classified): **UNCLASSIFIED.**
- b. Disposal procedures for ordnance: **UNCLASSIFIED.**
- c. Aircraft EOD safing and downloading procedures: **UNCLASSIFIED.**
- d. EOD procedures on dispensers, launchers, marine markers, signaling devices and practice explosive devices for the armed or unarmed condition: **UNCLASSIFIED.**
- e. EOD procedures on training aids/munitions will normally be unclassified, except in the instance where the live counterpart is classified. In that case the training aid/munition will take on the same classification as the live ordnance.
- f. RSPs for the armed or considered armed condition, which reveals specific measurements, exact position or angle of attack to a specific ordnance item with application to:
  - (1) NATO or non-NATO ordnance item(s) which are the following ordnance categories:
    - a. Area Denial Munitions: **CLASSIFIED.**
    - b. Influence Munitions: **CLASSIFIED.**
    - c. Long-Time Delay Fuzing: **CLASSIFIED.**
    - d. Anti-removal/Anti-withdrawal Devices: **CLASSIFIED.**

- (2) Specific NATO ordnance item(s) that are under development or new (less than 10 years old) and not listed in para 1.F.(1): **CLASSIFIED.**
  - (3) NATO or non-NATO ordnance item(s) not listed in para(s) 1.F.(1) or 1.F.(2): **UNCLASSIFIED**
  - (4) Definition and purpose of ordnance/munition clearance projects: **UNCLASSIFIED**
  - (5) Administrative manpower and equipment requirements: **UNCLASSIFIED**
- g. Data that reveals the lack or absence of RSPs or techniques for the armed or considered armed condition for:
- (1) Specific NATO or Non-NATO ordnance item(s) which are:
    - a. Area Denial Munitions: **CLASSIFIED.**
    - b. Influence Munitions: **CLASSIFIED.**
    - c. Long Time Delay Fuzing: **CLASSIFIED.**
    - d. Anti-removal/Anti-withdrawal Devices: **CLASSIFIED.**
  - (2) Specific NATO ordnance item(s) which are NATO ordnance item(s) under development or new (less than 10 years old) and not listed in para 1.G.(1): **CLASSIFIED.**
  - (3) NATO or Non-NATO ordnance item(s) not listed in para(s) 1.G.(1) or 1.G.(2): **UNCLASSIFIED.**
- h. Data that reveals detection, location, access, identification, recovery for first seen unexploded ordnance items:
- (1) Physical and external descriptive details: **UNCLASSIFIED.**
  - (2) Physical description of individual parts and components: **UNCLASSIFIED.**
  - (3) General overall photography: **UNCLASSIFIED.**
  - (4) Technical characteristics with an immediate value: **UNCLASSIFIED.**



- i. Specific exploratory and advanced development data and technology in the areas of detection, location, identification, access, recovery and support when related to:
  - (1) Specific NATO or Non-NATO ordnance item(s) which are:
    - a. Area Denial Munitions: **CLASSIFIED**.
    - b. Influence Munitions: **CLASSIFIED**.
    - c. Long-Time Delay Fuzing: **CLASSIFIED**.
    - d. Anti-removal/Anti-withdrawal Devices: **CLASSIFIED**.
  - (2) Specific NATO ordnance item(s) which are under development or new (less than 10 years old) and not listed in para 1.I.(1): **CLASSIFIED**.
  - (3) NATO or non-NATO ordnance item(s) not listed in para(s) 1.I.(1) or 1.I.(2): **UNCLASSIFIED**.

#### **201.2 Characterization of IED Incidents:**

- a. Design:
  - (1) Method of Employment (i.e., suicide, VBIED, PBIED): **UNCLASSIFIED**.
  - (2) Method of Emplacement (i.e., surface, sub-surface, overhead): **UNCLASSIFIED**.
  - (3) Role of IED (i.e., primary device, secondary device, tertiary device): **UNCLASSIFIED – CLASSIFIED** Depending on local guidance.
  - (4) Incident Geometry (i.e., distance to target, line of sight, and angle of attack): **UNCLASSIFIED**.
  - (5) Attack Geography (i.e., ingress/egress routes, cover & concealment, aim point): **UNCLASSIFIED**.
  - (6) Environmental Conditions: **UNCLASSIFIED**.
- b. Incident Location Information:
  - (1) General Area: **UNCLASSIFIED**.
  - (2) Country: **UNCLASSIFIED**.

- (3) City: **UNCLASSIFIED**.
- (4) Exact IED emplacement (i.e., street address, Lat/Lon, MGRS): **UNCLASSIFIED – CLASSIFIED** Depending on local guidance.
- c. Date of Attack: **UNCLASSIFIED**.
- d. Relating to reports and/or references: **UNCLASSIFIED**.
- e. Enemy countermeasures taken:
  - (1) Description of Counter – TTP used by the Enemy: **CLASSIFIED**.
  - (2) Protection of IEDs: (see section 2 for detailed classification).
  - (3) Description of Surveillance at IED site: **UNCLASSIFIED – CLASSIFIED**. Depending on local guidance.
  - (4) Effectiveness of enemy countermeasures: **CLASSIFIED**.

**201.3 Technical characterization of an IED (actual device hardware, images, and text descriptions):**

- a. **SWITCH** characteristics (whether in either Safe-to-Arm or the Firing circuitry):
  - (1) External view/physical appearance: **UNCLASSIFIED**.
  - (2) External dimensions: **UNCLASSIFIED**.
  - (3) Internal view / physical appearance / components: **UNCLASSIFIED**.
  - (4) Internal dimensions: **UNCLASSIFIED**.
  - (5) RF/radio control systems operational control characteristics: Transmitter and Receiver data:
    - a. Effective Range as deployed (i.e., maximum effective range of device is 1000 meters): **CLASSIFIED**.
    - b. Manufacturer's specification for RF frequency rates and other electronic parameters (i.e., 20 Hz, 700 MHz, 3 Watts): **UNCLASSIFIED**.
    - c. Internal view / physical appearance / components: **CLASSIFIED**.

- d. Internal dimensions: **CLASSIFIED**.
- e. Weights: **UNCLASSIFIED**.
- b. **INITIATOR** characteristics:
  - (1) Circuitry (electric or non-electric): **UNCLASSIFIED**.
  - (2) Construction Origin (commercial, military or improvised): **UNCLASSIFIED**.
  - (3) External view/physical appearance: **UNCLASSIFIED**.
  - (4) External dimensions: **UNCLASSIFIED**.
- c. **MAIN CHARGE** characteristics:
  - (1) Construction Origin (commercial, military or improvised): **UNCLASSIFIED**.
  - (2) External view/physical appearance: **UNCLASSIFIED**.
  - (3) External dimensions: **UNCLASSIFIED**.
- d. **POWER SOURCE** characteristics: **UNCLASSIFIED**.
- e. **CONTAINER** characteristics materials used or identification features: **UNCLASSIFIED**.
- f. **ENHANCEMENTS**:
  - (1) All EOD aspects of IEDs incorporating Chemical, Biological, Radiological and Nuclear (CBRN) materials: **CLASSIFIED**.
  - (2) Fuels or fragmentation materials: **UNCLASSIFIED**.
  - (3) Shaped charges, explosively and non-explosively formed projectiles/penetrators: **UNCLASSIFIED - CLASSIFIED**  
Depending on local guidance.
- g. **GENERAL INFORMATION**:
  - (1) Physical Characteristics of training aids or simulators used for training purposes: **UNCLASSIFIED – CLASSIFIED** Depending on the classification of the original.
  - (2) Relating to a specific enemy or terrorist group: **CLASSIFIED**.

- (3) Presence or description & functionality of Safe-to-Arm system: **UNCLASSIFIED.**
- (4) Presence or description & functionality of Firing system. Functional output characteristics of mechanical, Electro-mechanical, Electrical, electronic and RF/radio control systems: **UNCLASSIFIED.**
  - a. With penalty indicator (or where penalty indicator is intended to be placed / positioned /connected): **CLASSIFIED.**
  - b. Without penalty indicator: **UNCLASSIFIED.**

**201.4 Manufacturer and Sourcing Data:**

- a. Identification of commercial manufacturer or vendor(s): **UNCLASSIFIED.**
- b. Non-commercial fabrications or improvisations: **CLASSIFIED.**

**SECTION 2 OPERATIONAL AND TACTICAL**

**202 Purpose.** This section covers EOD operational and tactical aspects for ordnance and improvised explosive devices (IEDs). The criterion provided below is intended to be used as guidance for standardized safeguarding of EOD information. However, there may be instances where commercial interests, operational necessity or similar influences factor into the final determination to classify information or not. The originator of the specific information is ultimately responsible for the level of classification assigned.

**202.1 General Guidance.** This section covers EOD operational and tactical aspects and procedures for ordnance and improvised explosive devices (IEDs).

- a. For Ordnance Items refer to paragraph 1.1.
- b. Specific procedures or techniques used to gain access to or defeat IEDs (i.e., a technique used to create a precise exterior hole, usually explosively-driven, made to further observe internal components, disruption tools specifically designed to interrupt the electrical or explosive train associated with RSP procedures): **CLASSIFIED.**
- c. Data that reveals the lack or absence of EOD procedures or techniques for IEDs: **CLASSIFIED.**
- d. Specific exploratory and advanced development data and technology in the areas of detection, location, identification, access, recovery and support when related to IEDs: **CLASSIFIED.**

## SECTION 3 HARDWARE

**203 Purpose.** This section covers the application of specialized EOD tools (not ordinary hand tools) on ordnance and improvised explosive devices (IEDs). The criterion provided below is intended to be used as guidance for standardized safeguarding of EOD information. However, there may be instances where commercial interests, operational necessity or similar influences factor into the final determination to classify information or not. The originator of the specific information is ultimately responsible for the level of classification assigned.

**203.1 General Guidance.** This section covers application of specialized EOD tools (not ordinary hand tools) against ordnance and improvised explosive devices (IEDs).

- a. Specialized EOD tools (not ordinary hand tools), internal and external view (when that view does not provide insight into their application): **UNCLASSIFIED.**
- b. Application of specialized EOD tools to:
  - (1) NATO or non-NATO ordnance item(s) which are:
    - a. Area Denial Munitions: **CLASSIFIED.**
    - b. Influence Munitions: **CLASSIFIED.**
    - c. Long-Time Delay Fuzing: **CLASSIFIED.**
    - d. Anti-removal/Anti-withdrawal Devices: **CLASSIFIED.**
  - (2) Specific NATO ordnance item(s) that are under development or new (less than 10 years old) and not listed in Para 1.B.(1): **CLASSIFIED.**
  - (3) NATO or non-NATO ordnance item(s) not listed in Para(s) 1.B.(1) or 1.B.(2): **UNCLASSIFIED.**
  - (4) IEDs: **CLASSIFIED.**
- c. Vulnerabilities and/or weaknesses concerning specialized EOD tools or techniques that could lead to system ineffectiveness and countermeasures to EOD procedures when related to:

- (1) NATO or non-NATO ordnance item(s) which are:
  - a. Area Denial Munitions: **CLASSIFIED**.
  - b. Influence Munitions: **CLASSIFIED**.
  - c. Long-Time Delay Fuzing: **CLASSIFIED**.
  - e. Anti-removal/Anti-withdrawal Devices: **CLASSIFIED**.
- (2) Specific NATO ordnance item(s) that are under development or new (less than 10 years old) and not listed in Para 1.C.(1): **CLASSIFIED**.
- (3) NATO or non-NATO ordnance item(s) not listed in Para(s) 1.C.(1) or 1.C.(2): **UNCLASSIFIED**.
- (4) IEDs: **CLASSIFIED**.

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