M – ELROB 2012

7th European Land-Robot Trial
24-28. September, Thun, Switzerland
www.elrob.org

REAL TASKS, IN A REAL WORLD SCENARIO

EOR/EOD/IEDD/CIED

Sadly EOR/EOD/IEDD/CIED is becoming an increasingly important military task. It can be divided into two parts. First the reconnaissance of the area of interest and second the clearance of the target area. We will NOT address the later one.

EOR/EOD/IEDD/CIED - Reconnaissance

Environment:

Non-urban area, vegetation, grass, sand, water, stones, bushes, roads and paths.

Situation:

Explore an area of interest on a length of 200-400m (meters) or more if you can.

There will be dynamic objects and static obstacles on the route.

Dead ends, sharp turns, road blockings and narrow passages can occur.

Traffic presence at the route is to be expected.

Objective:

Approach target location with highest autonomy possible.

Perform reconnaissance at target area.

Search for anything suspicious.

If found, acquire imagery and position of OPI and report to control station.

Execution/Implementation:

Approach target area by using given UTM coordinates.

Reconnoitre target location outlined by given UTM coordinates.

This should be done with maximum autonomy available.

!!! The document is subject to change and refinement!!!

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If possible, transmit live position and imagery to the control station.

Timing:

Duration approx. 45 min.

Constraints:

The troop will receive a section of a digital map with UTM co-ordinates that specify the boundary of the area; see example in the rules.

The scenario ends with reaching time limit and transmission of the acquired data whatever occurs first.

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