

DEFENSIE  
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VOORRANG AAN VREDE  
PRIORITÉ À LA PAIX

## Simulation of detector for the detection of command wires

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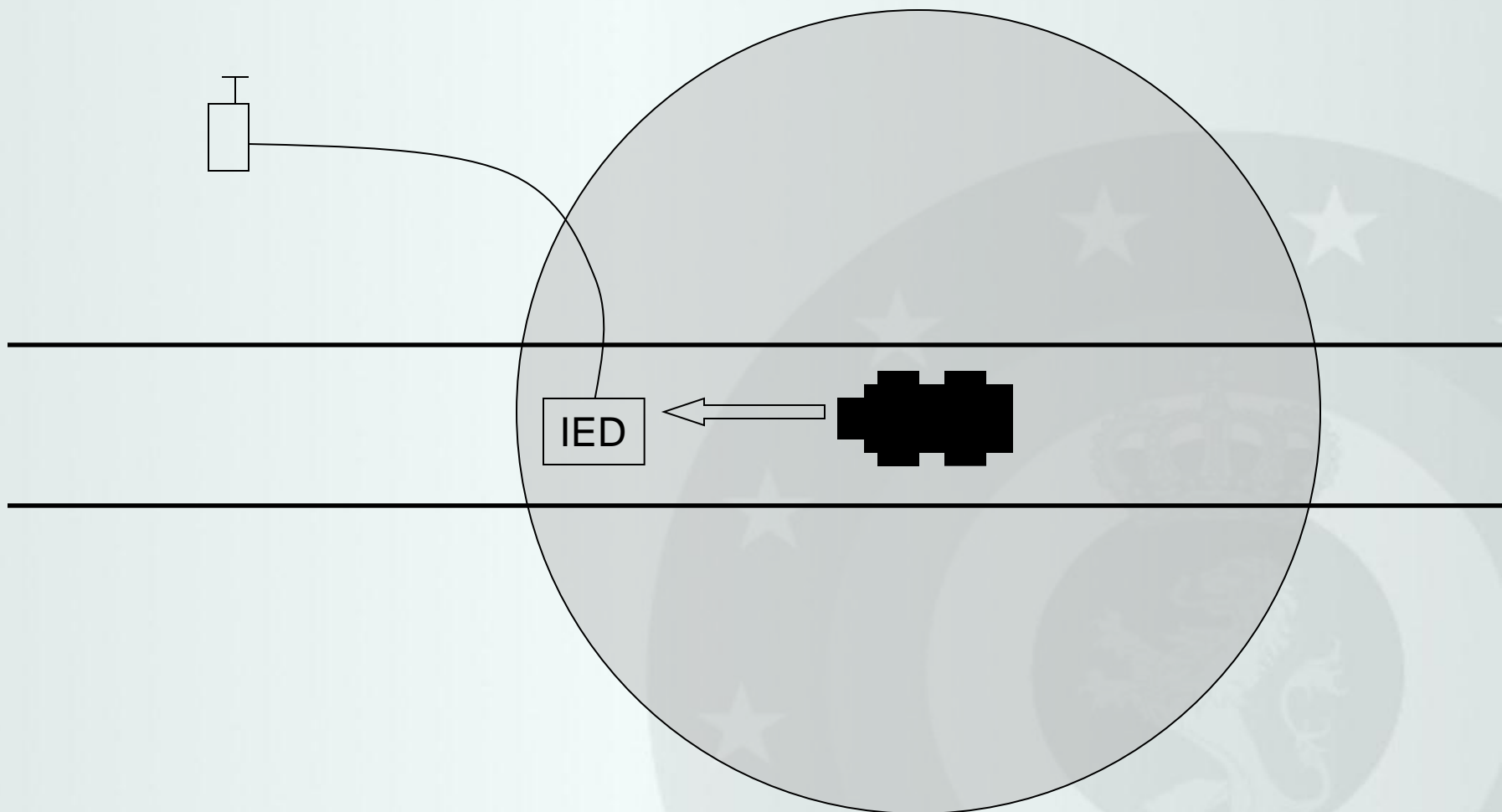
Mine Action 2016 / IARP

# Improvised Explosive Devices



Source: BBC

# Command Wires



# Detectors 1/2



Source: NR 12C



Source: Guartel - WD 100



# Detectors 2/2



Source: Vallon/Cobham,  
WireHound VR1

# Requirements



- **Command wire detector mounted on an unmanned vehicle**
- **Real-time detection**
- **Communication**
- **No interference with other equipment**





# Modelling



- **Numerical/Analytical**
- **Objectives :**
  - Detection
  - Recognition/Identification (recovering of object features)



# Acknowledgment



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