



Óglaigh
na hÉireann
DEFENCE FORCES IRELAND

Mines other than anti-personnel mines (MOTAPM)

Unfinished business



13 February 2018

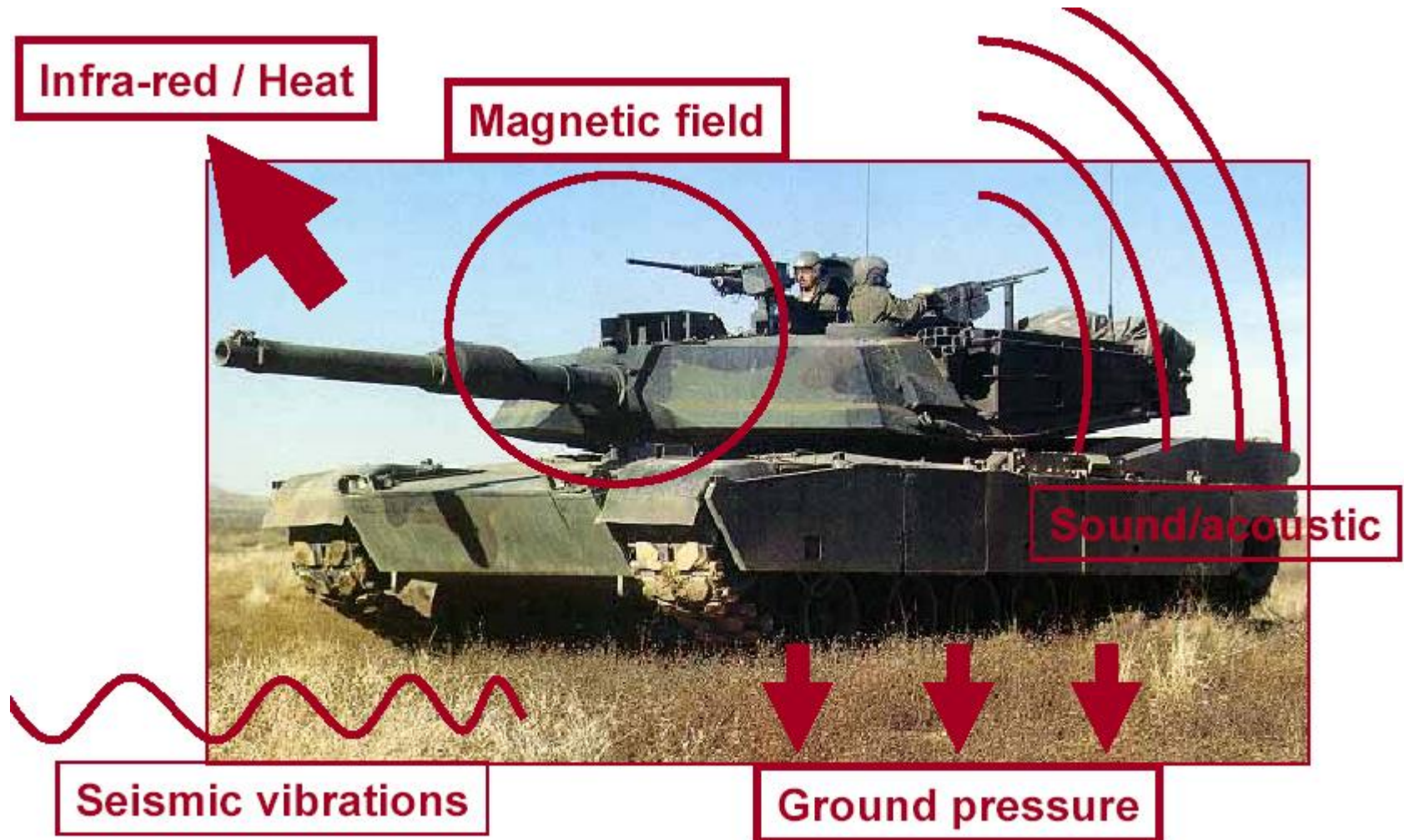
Unfinished Business

- Regulation of use in CCW Amended Protocol II
- Continuing humanitarian and developmental impact.
- Complicates clearance challenges.
- Grave consequences in future conflict if regulation is not addressed.
- Value of accurate information on Mine-IED incidents.
- Possible courses of action on addressing the regulatory gap.

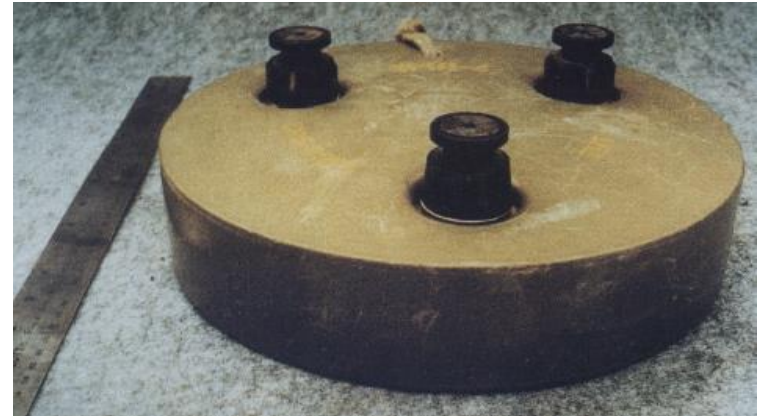
Functions of Anti Vehicle Mine

- Weapon – Disable destroy tanks, other armoured vehicles, other vehicles.
- Obstacle - Combinations of MOTAPM in minefields provide a quick active obstacle
- Force deployment and exposure of En mine clearance assets

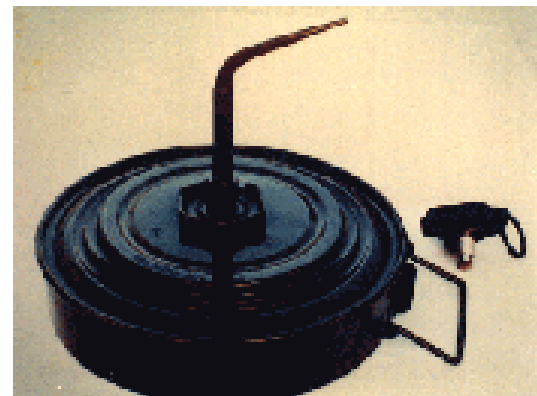
Target Emissions



Anti-tank Mine Types



AT Mine Types

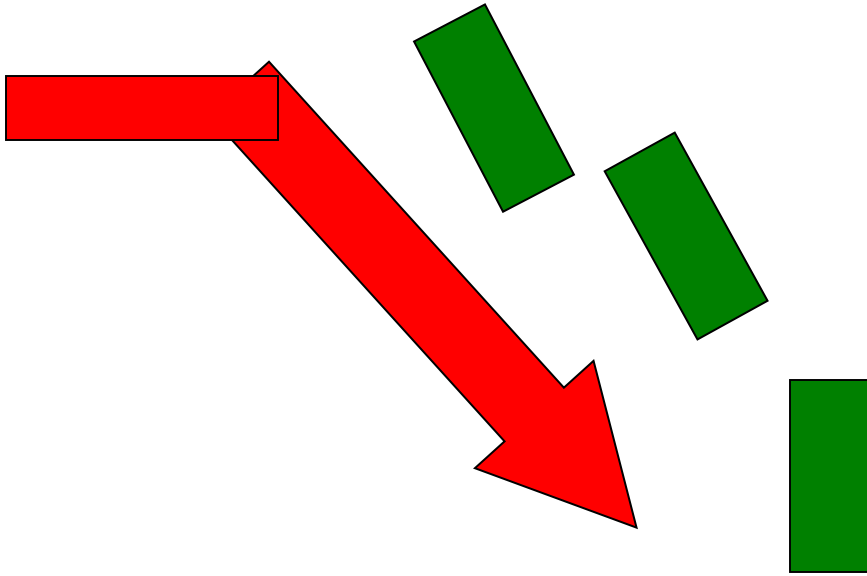


Off-Route Shaped Charge Mines

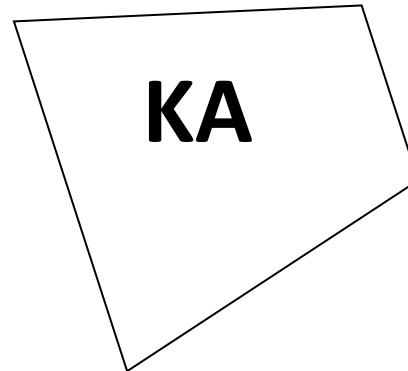




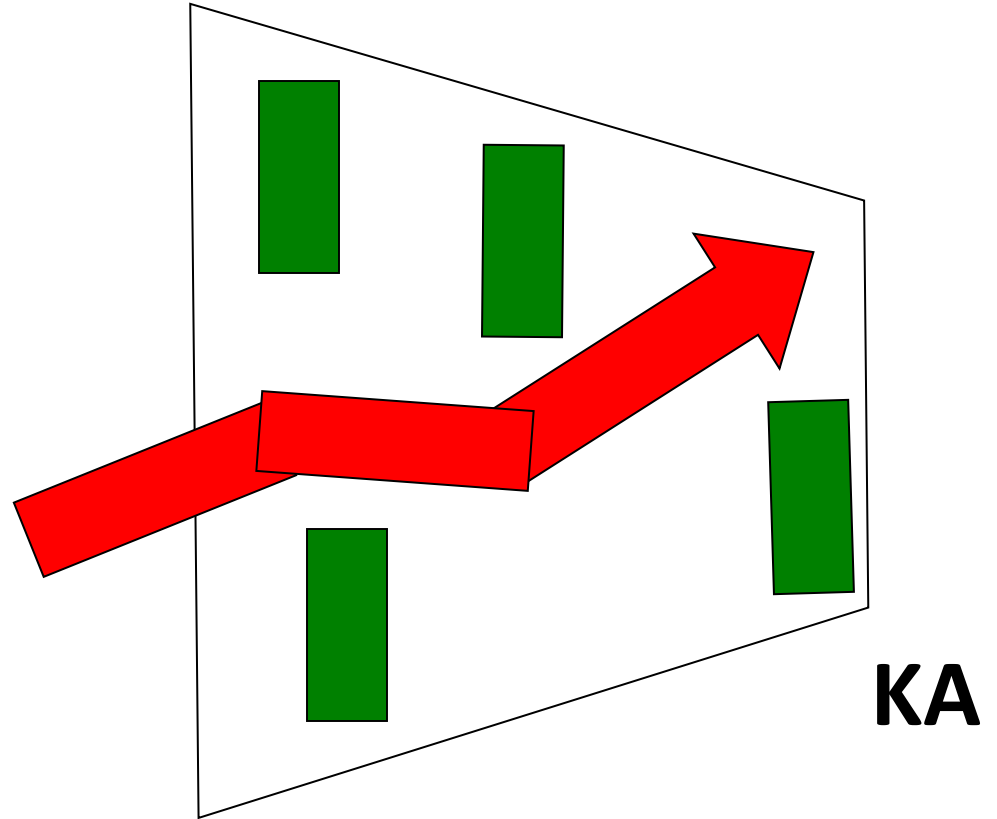
**Turning
Obstacle**



Turn



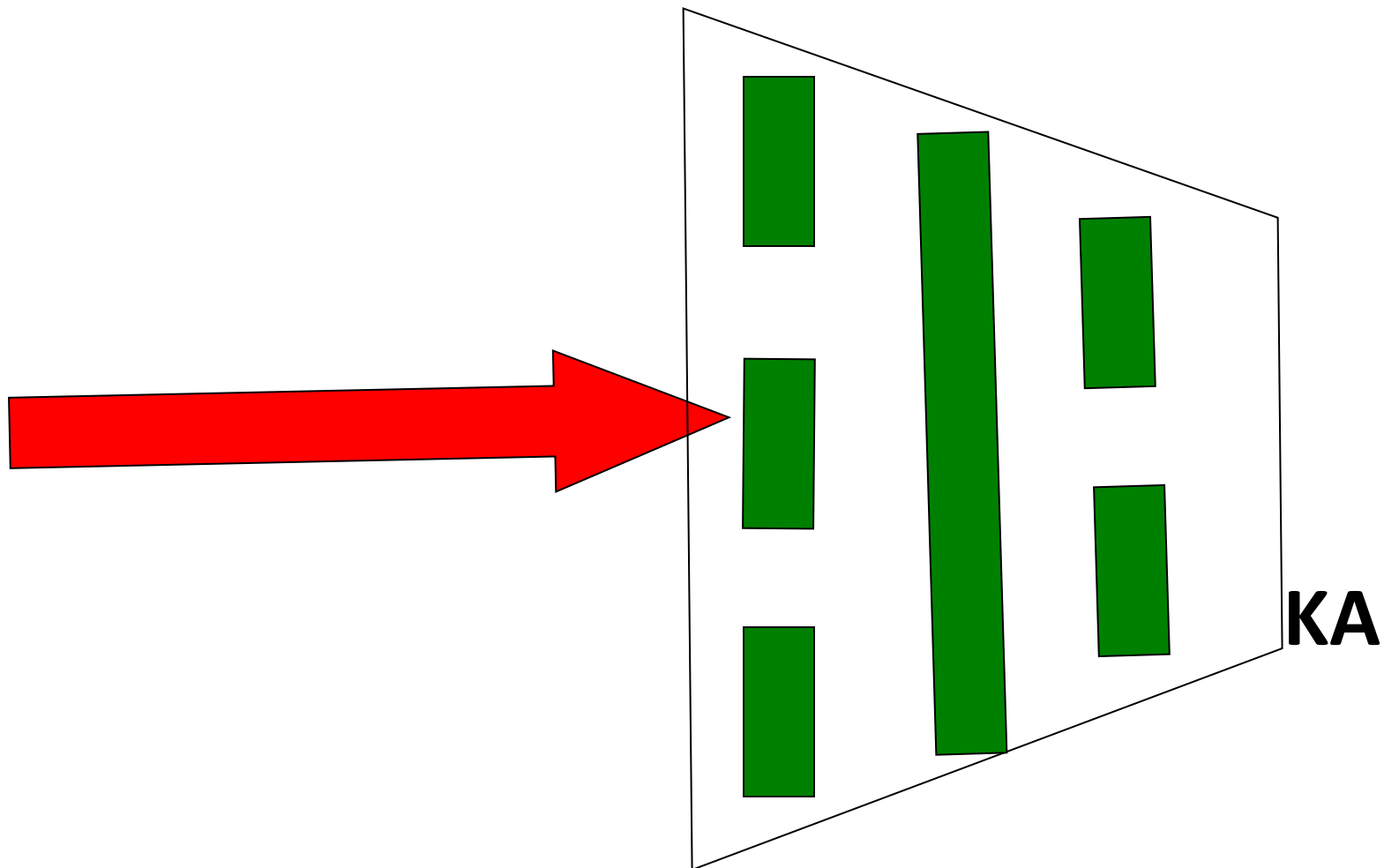
Fixing Obstacle



Fix

Block

Blocking
Obstacle



KA

Humanitarian concerns

Persistent fuzes

Mines laid outside perimeter marked areas

Sensitivity of fuze systems

- Pressure activated contact mines

- Trip wires, break wires, tilt rods

Detectability of mines

Remotely delivered mines

Scope of Concern

Legacy of previous use

Use in current conflicts

Use in future conflicts, including conflict between major military powers

IHL on AVMs

General rules of IHL apply to all weapons including mines.

Specific rules

CCW Convention.

Protocol II on Landmines, Booby-traps and Other Devices as amended on 03 May 1996 (APII)

Anti-personnel landmine convention 1997 (Ottawa Convention)

Developments in CCW framework

| | |
|------------|---|
| 1995-6 | 1 Rev Con Amended Protocol II |
| 2001 | 2 Rev Con – US-Denmark Protocol |
| 2002-03 | GGE Discussion mandate |
| 2004-06 | GGE Failed Negotiations |
| 2006 | 3 Rev Con Political Declarations |
| 2007-11 | On agenda of MSP |
| 2011 | 4 Rev Con mandates 3 Day expert meeting in 2012 |
| 2013-17 | On agenda of MSP |
| 2015, 2017 | Informal expert meetings |
| 2018 | Mandate to conduct 'a consultation' |

Restrictions in 2006 Declaration

- Detectability of all mines outside perimeter marked areas
- All mines outside perimeter marked areas to be equipped with SD or SN mechanisms.
- Restrict transfers of all anti-vehicle mines
- Adopted by 27 states.

State of Play 2018

- One state demanded removal of MOTAPM from agenda at 2017 MSP
- Chair mandated to conduct 'an informal consultation' on MOTAPM
- Meeting planned for June 2018.

Factors impeding new IHL

Sceptical states

maintain that existing IHL is adequate.

argue that there is insufficient evidence of humanitarian harm.

nervous that any process could lead to pressure for a total ban.

Other states nervous to make an effort that might not succeed.

States maintaining polarised positions from 2006

Desired End State

Agreement on IHL measures to address remaining humanitarian concerns on MOTAPM / AVM

- Outcomes
 - Remain reliant on AP II
 - Adopt legally binding protocol on lines of 2006 declarations
 - Find another solution

Need for more data

AVM or APM or Other Device

Mine type and fuze type

IEDs

AP or AV

Victim operated, command detonated, timed

Targets – military, civilian, infrastructure,
economic etc.

All IEDs (conventional) covered in AP II

Other MOTPAM / AVM Data

- Mines cleared
- Types of mines and fuze types
- Size of stockpiles
- Quantities of stockpiles destroyed
- Details of new production
- Details of Transfers





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