Capability Gap in Urban Ops and Working Towards a Solution

JOINT ARMAMENTS CONFERENCE, 2012 SEATTLE, WA
Rheinmetall interpretation

- There is a wide range of Urban Ops targets
- Typical targets are concrete, brick, adobe and other walls
- ABM is a good solution, not the cheapest solution
- Rheinmetall has different other solutions available
- FAP(DS) and PELE seem excellent solutions
- However all types are not an optimized for Urban Ops targets
Rheinmetall recommendation

- Ammunition needs penetration and fragmentation capability
- Trials showed that ammunition without fuze has a clear benefit over fuzed ammunition (no dangerous duds)
- Rheinmetall’s recommendation will be a combination of FAP and PELE
- Additional features could be added in this round
  - Flash effects on and/or behind the target
  - Higher pressure and incendiary effect
  - Wider fragment distribution behind the wall
- Rheinmetall has already tested first concepts
- All concepts are without fuze and 100% reliable
Summary

- Urban Area Scenario needs special requirements to the ammunition
- Current ammunition types are not optimized for UrbOps
- High performance round without fuze is recommended
- Rheinmetall has different solutions with FAP, PELE or combinations
- Rheinmetall works on optimized concepts in medium caliber
- Optimized UrbOps rounds can be available in a short time frame
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25. June – 27. June in Zurich, Switzerland

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Thank you for your attention