



## *Breaching operations in cold climate*

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- Where ever duty and honour leads us*



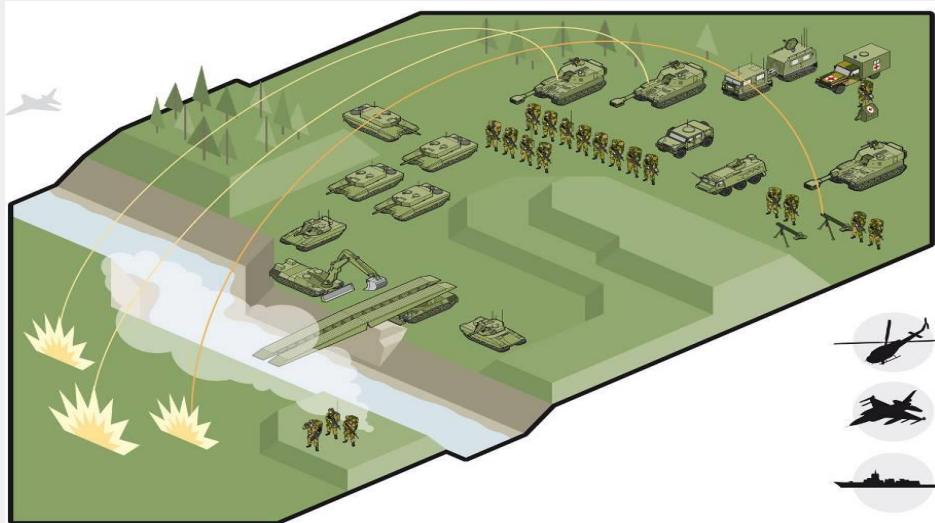
## Agenda

- SOSRA and breaching fundamentals
- In depth breaching Minefields
- In depth mechanical breaching
- Time: 20 Minutes



## *Breaching tenets in cold climate*

- Intelligence
- Breaching fundamentals (SOSRA)
- Organization
- Massing of effects
- Synchronization
  - PACE plan
  - Coordination



## *Breaching fundamentals in cold climate*

- Suppress
- Obscure
  - Effect of smoke
  - Weather is often a very good obscuration
- Secure
  - Hampered mobility needs for close coordination
- Reduce
- Assault
  - Maintenance of lane through breachpoint



## *Breaching Minefields*

- Detecting individual mines can be slow in deep snow
- Probing in frozen ground is difficult / impossible
- Time needed to reduce minefield manually generally increases
- Mineplows generally effective against mines placed in snow
  - Ineffective against mines buried in frozen ground
- MICLIC



## *Breaching mechanical obstacles*

- Frozen ground does the breach more complicated
- Time needed to reduce the obstacle mechanical generally increases
- Snow walls cant be both easy and difficult to breach
- Use combat engineers to reconnoitre the obstacle before reducing it.
- There will be less frozen ground close to big trees.
- Mineplows is normally ineffective reducing dug in minefields



Orientation ends  
Questions?  
(10 minutes maximum)



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