



Patrol Winter Webinar

STA Battery

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Artillery Battalion/ Surveillance and Target Acquisition
Battery

Overview

Intro: Speaker and Intent

STA Battery

Main Body

Summary

Q&A





Why pay attention to this brief?

Challenges



water
rivers
food
snow
snowstorm
ice
wind
camouflage
sensors
drones
survival
temperatures
Elevated
cold
UAS
injuries
movement
thermal

Opportunities



I believe winter conditions present opportunities for small teams.



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Mission

Primarily to locate and engage targets with organic and/or Joint fires assets in support of brigades and division level

Secondary, surveillance and recce reporting to build situational awareness and contribute to recognized intelligence picture

➤ Abilities needed

- Generate precise target coordinates
- Terminal guidance operations (TGO)
- To operate where the targets are and where our effectors can reach
- At all seasons, in all weather, all terrain



Artillerijeger patrols

- 6-man teams of particularly **selected** soldiers with **special equipment** and **training**
- To operate as an isolated patrols at distances and for long duration





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Selections

- Physically and mentally robust people
- Able to tolerate uncomfortable conditions
- Recognize their own physical situation and able to adjust their behaviour
- Motivated and volunteering to the task





Equipment

Individual

- Multi-layer principals
- High quality equipment
- **Wool**
- Skis & Pulk (personal sled)
- Reinforced bug out bag

Team

- Forward observer instrument (with thermal and laser)
- Optical spotting scope
- Radios
- Rugged Laptop
- Batteries

Training - General

Teach the basic skills. Then, quality time spent outside to build experience and skills needed to thrive

Focus on the details

Challenge: Balance between being humble and own belief in ability to succeed

Focus on the “The right attitude”



“No shame in turning back.”



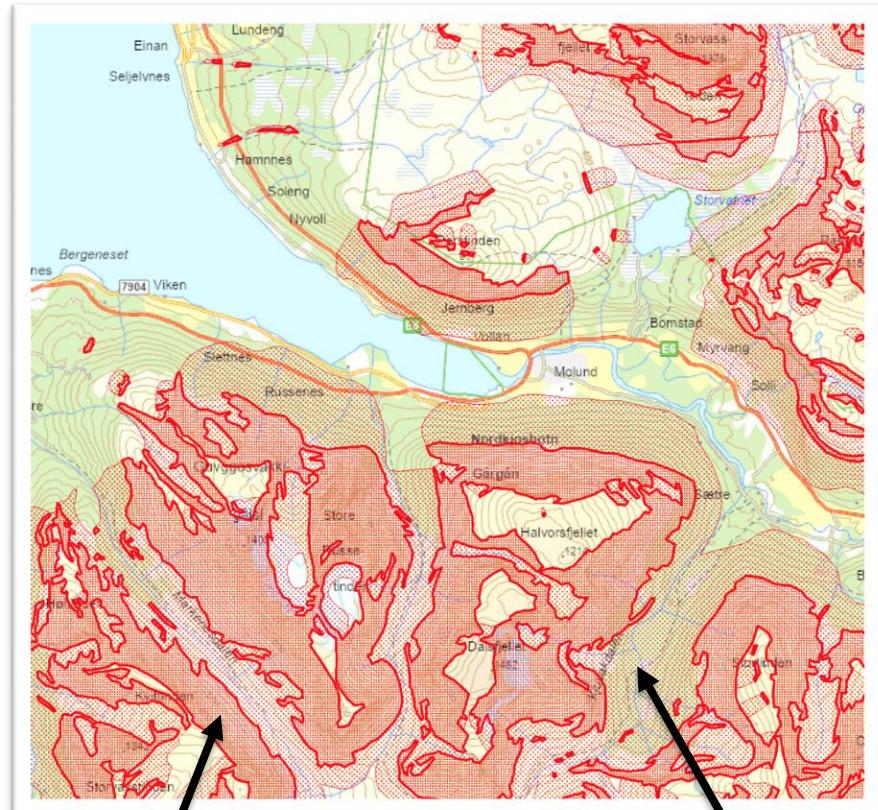
Training - Specific

Mobility!

- You need a way to move on top of the snow and you need to train it
- Understanding and avoid avalanche

Survival/Sustainment

- Water bottles need to be kept close to body to keep water from freezing
- Avoiding cold weather injuries
- Bug out bag needs to be reinforced with additional items



Release area

Discharge area



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Execution - OP

Dig down and use natural camouflage.

- Weather history: Prevailing wind direction and snow conditions
- Map study: Where might the wind have transported the snow

Observation hatch need to be small and reinforced with isolated to reduce thermal signature.

Routines in OP:

Computers and batteries are kept close to bodies to heat them.





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Execution - Fires

Under the right conditions elevated
sensors can be very powerful!

Understanding the weapons effect and how
winter conditions impact.

Example: Deep snow

What to do when the target is hit?





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Challenges

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ice wind wet
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sensors
drones survival
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Elevated cold UAS
injuries
movement
thermal

Opportunities & advantages

Selection, equipment and most of all training moves

Challenges to advantages





Q&A

17 October 2023

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Thank you for your attention!



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