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- Applicability of treatment recommendations in an adverse environment. The point of view of the paramedic/mountain rescue



# Marie Nordgren

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- Sweden,  
Östersund/Åre
- RN (anesthesia &  
paramedic)
- Skipatrol
- Mountain rescue &  
SLAO





Stockholm

Rome

Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
Image IBCAO  
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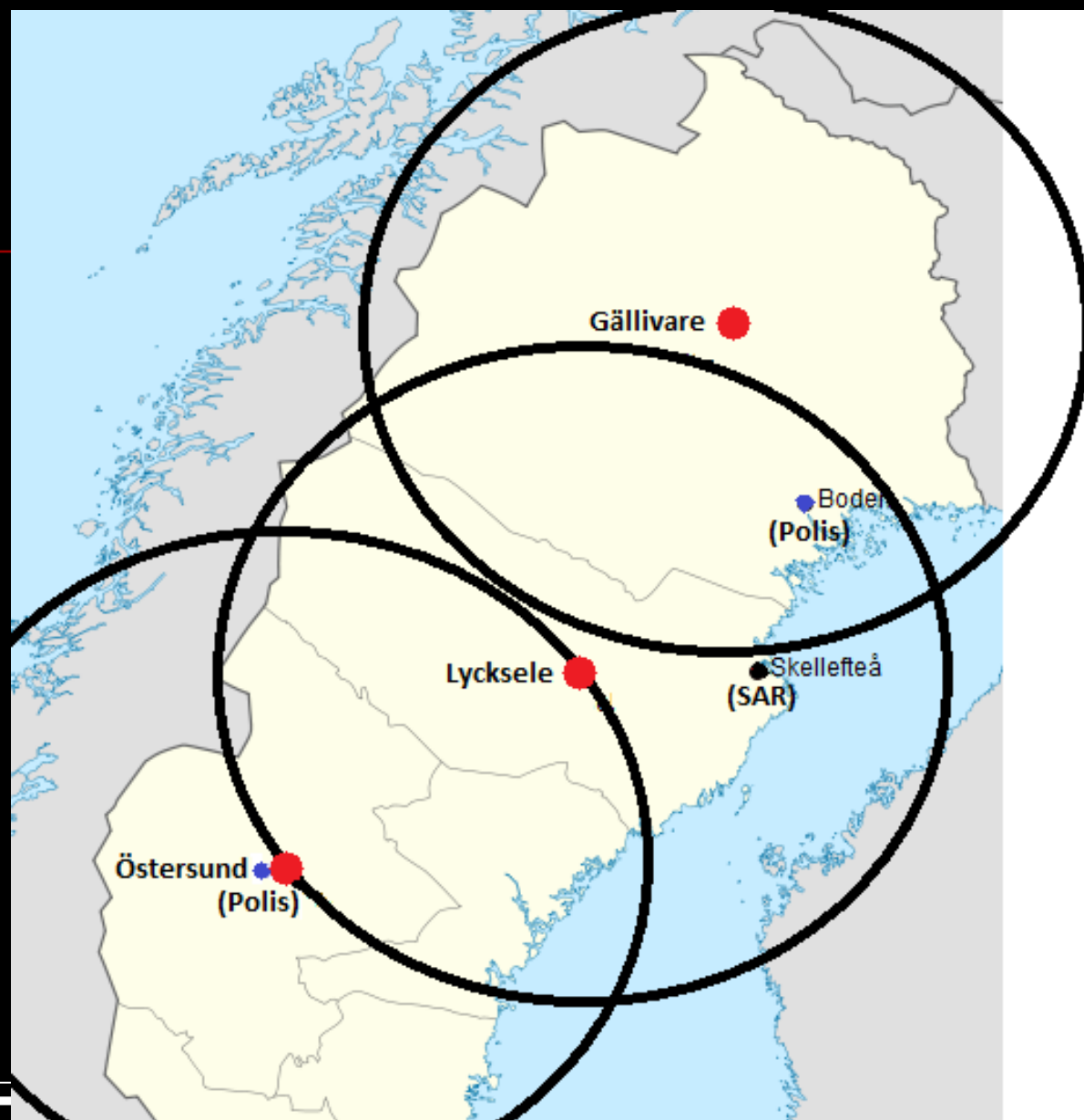
53°16'27.62"N 17°50'37.68"Ö höjd 414fot

Visningshöjd 4542.82eng. mil



# HKP

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# COLD CLIMATE



Photo: Lars Thulin

# Darkness

A photograph of the Aurora Borealis (Northern Lights) in a dark, starry night sky over a mountainous landscape. The aurora is a vibrant green, flowing across the sky from the left side towards the center. The sky is filled with numerous stars, and the foreground shows dark, silhouetted mountains and a flat, light-colored ground.

*Photo: Lars Thulin*

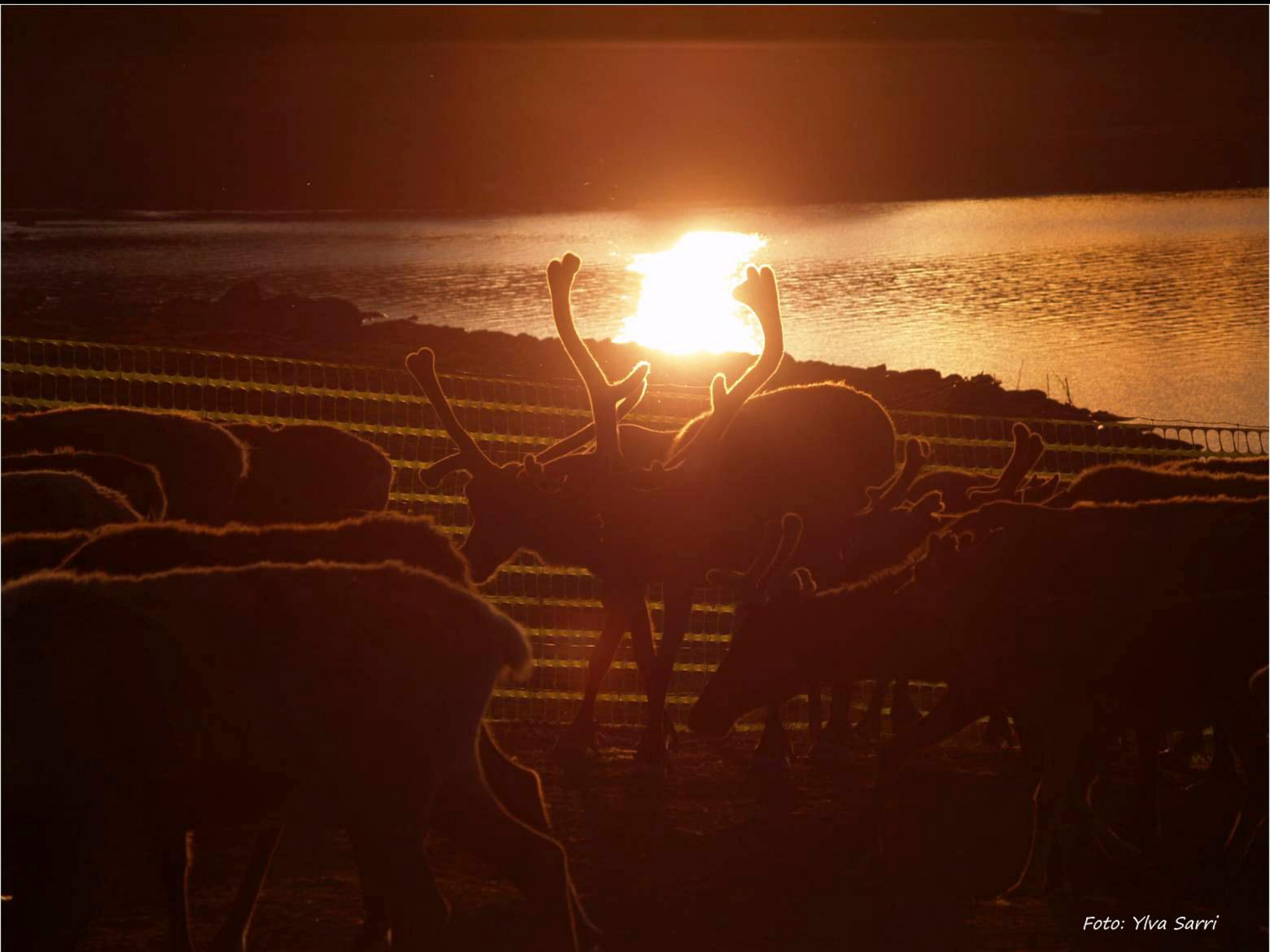


Foto: Ylva Sarri

Long distances



# Guidelines - Applicability?

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- \* Adjust to national recommendations
  - ^ Medical board
  - ^ Mtn rescue/SLAO
  - ^ Local adjustment
- \* Guidelines are useful when made by experienced medical professionals



# Guidelines - Good for Sweden?

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- Yes, we depend on international research



# Guidelines – International perspective

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- \* Important, we work on a international arena.

Guests: skiers mountainerers, bicyclists  
climbers etc.

- \* Competitions

- \* IKAR, FIS, FIPS ....



# Carl Gustaf Armfeldt 1718/19

New year 1718/19

Bring back 6000 men and horses from Trondheim, Norway to Sweden  
Tired, hungry, poorly dressed. No skis  
Shortest way over the mountain  
Tremendous snowstorm, cold weather  
3900 men died on the mountain, 2100 survived, 600 disabled for life.





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Photo: Lars Thulin



***Thank You for Your attention!***