Norwegian Alpine Rescue Groups

Bigwall rescue prosedures with helicopter

REDNINGSTJENES
LUFTFORSVARET

- film

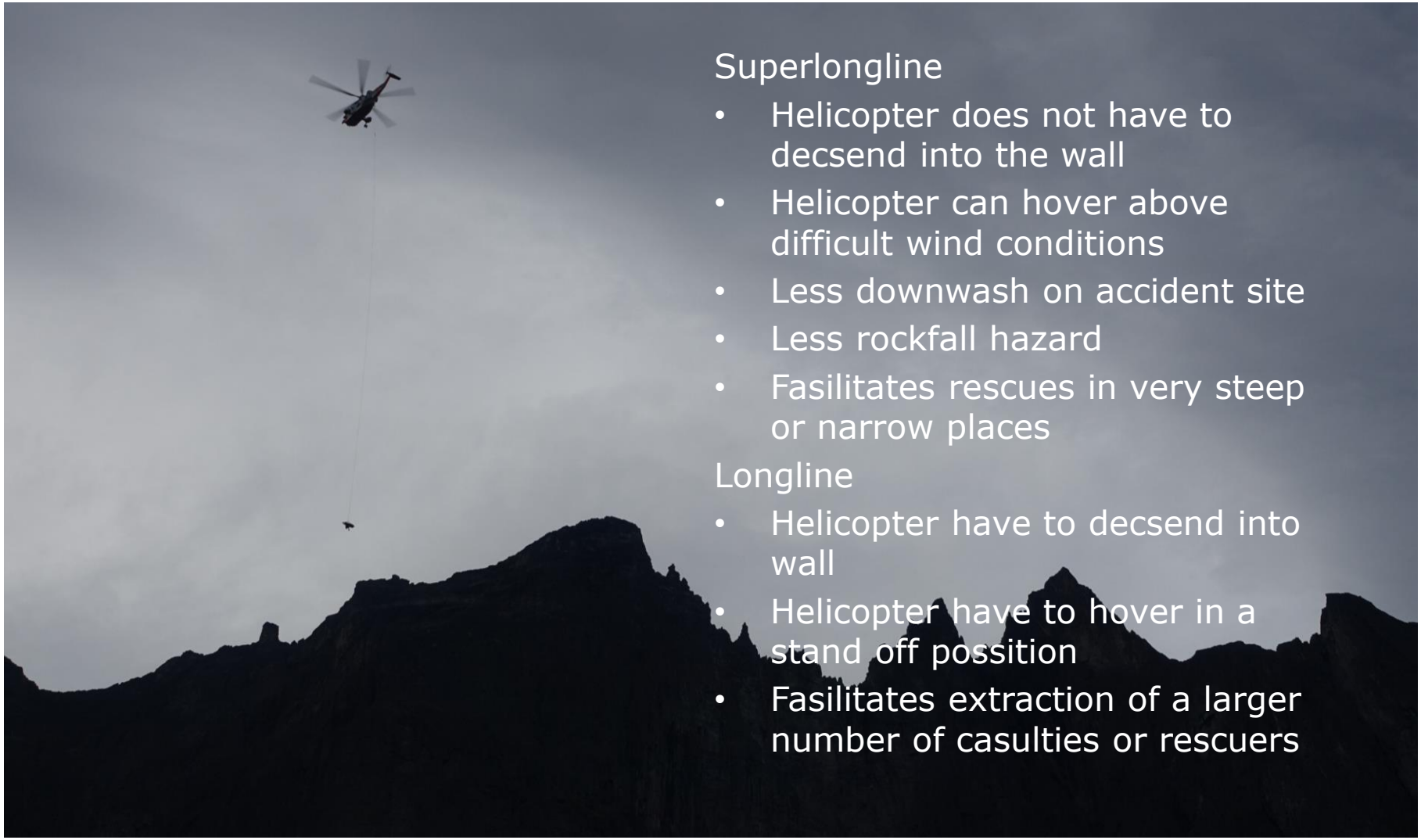
Longline

- An extencion to the hoist cable
- Helicopter have to decend into the wall
- Longline is used as a long guideline to pull the hoist cable to the extraction point
- Longline is used to control the load under hoisting

Superlongline

- An extension to the hoistwire
- Helicopter does not have to decend
- Reduses the hovertime close to the rock face
- Prosedure accept very long ropes
- Rope and load can be hoisted into the helicopter

Superlongline vs. Longline



Superlongline

- Helicopter does not have to decsend into the wall
- Helicopter can hover above difficult wind conditions
- Less downwash on accident site
- Less rockfall hazard
- Fasilitates rescues in very steep or narrow places

Longline

- Helicopter have to decsend into wall
- Helicopter have to hover in a stand off possition
- Fasilitates extraction of a larger number of casulties or rescuers

Access the victim

Rescuers will gain access to the casualty by lowering or by rappell

A third, untensioned rope will be layed out between the upper belay and the accident site

This rope will be used as a «superlongline»

The prosedure

Superlongline ready for pick off

Upper belay point

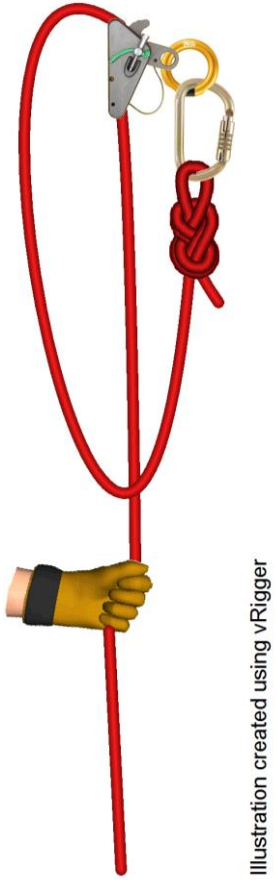
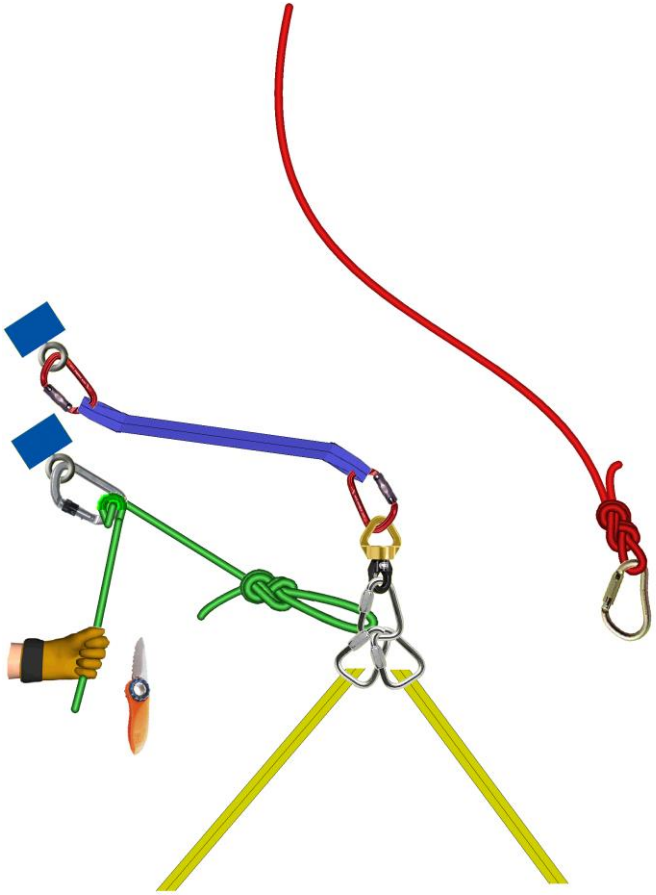


Illustration created using vRigger

Extraction point



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Superlongline pick off

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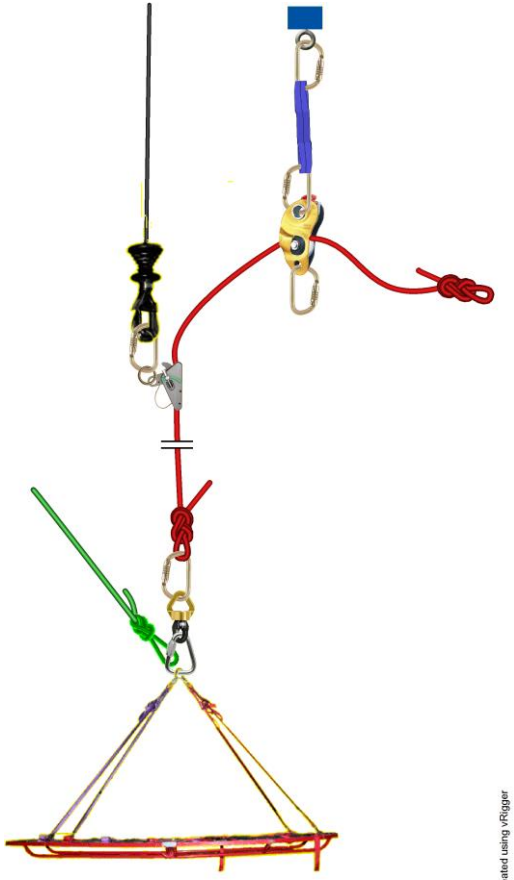
Connection of superlongline



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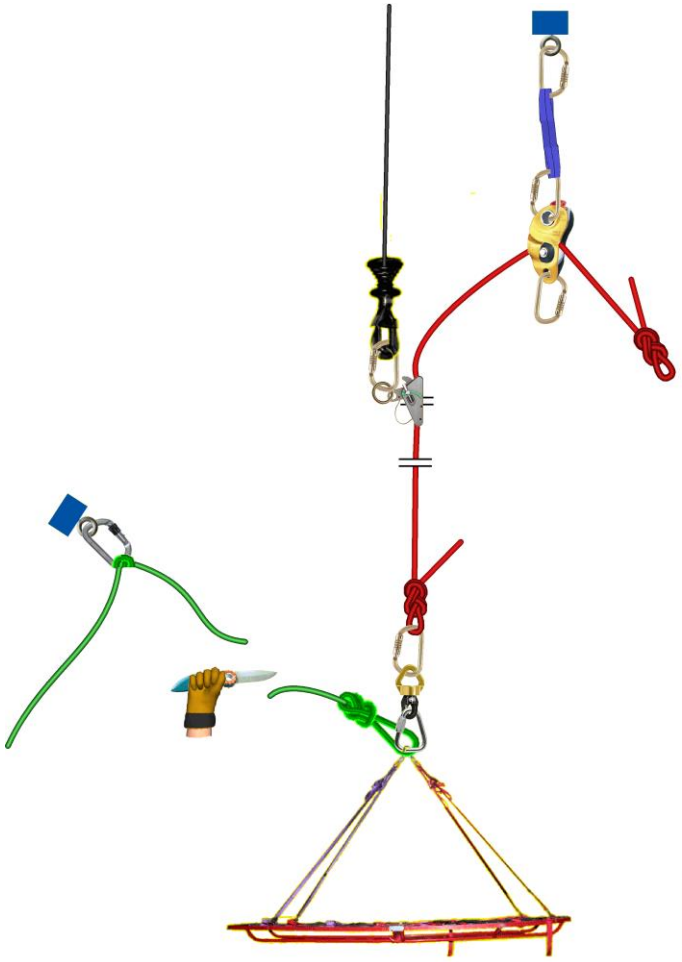
Releasing stretcher



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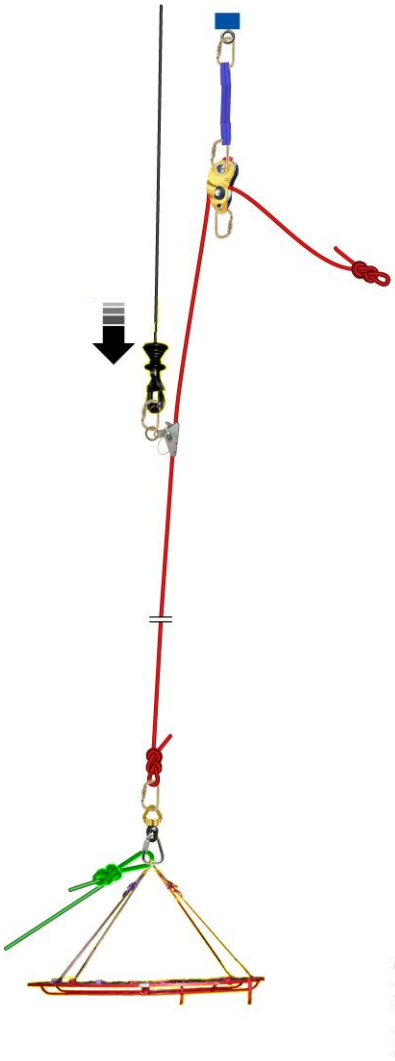
Hoisting



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