TEAMWORK

search for missing persons by use of Recco SAR in Austria and Italy.

Martin Gurdet
Austrian Mountain Rescue Service
martin.gurdet@bergrettung.at
Mobile: +43 664 8101365

Klaus Berger
Austrian Police
Klaus.Berger@polizei.gv.at
Mobile:+43 664 88874903

Jacopo Bufacchi
RECCO AB
jacopo.bufacchi@recco.com
Mobile :+46 737 0866 89
Teamwork in Austria

• POLICE:
  - Search Operations for missing persons is a responsibility by law of the Austrian Police
  - Organized into 29 groups with 492 members
  - Group size is variable from 6-31 Alpinists

• Austrian Mountain Rescue
  - Professional Volunteer Organization
  - Organized into 291 groups with 12,800 members
  - Group size is variable from 20-100 Alpinists

• Recco: Hardware / Technology provider and Expert
Background – Recco SAR

All Season Outdoor Search System

- Detector
- Reflector
totally passive; it does not need any batteries and has an unlimited lifetime.
Technology developed
-> RECCO SAR – all year around search tool

• The RECCO SAR detector is operated from helicopters as a sling load.

• The terrain is searched in 100 meters wide corridors and can be operated at high speed.
National coverage RECCO SAR in Austria

West – East
580 km

North – South
294km

Lowest Point
114m a.S.

Highest Point
3797m

FIRST COUNTRY
FULLY COVERED BY
RECCO SAR
Recco SAR

- Lagerung / Storage
- Training
Recco SAR

- Einsatzablauf / Operation Procedure
- Erfahrung / Experience
SITUATION RECCO SAR
RECCO SAR Network

- 16 RECCO SAR detectors in operation in Europe and North America.
- Another 14 in operation until the summer 2020.
- Expansion of the network will then continue.
Austrian Mountain Rescue Service

COURMAYEUR
4K RACE
Trail runner

• TRAIL RUNNER FOUND IN A CREVASSE AFTER 5 MINUTES

• THE AREA WAS MARKED BY A DOG AS WELL.

• FOUND PHONE AND CAMERA.
MONTE BIANCO climbers

- TWO CLIMBERS IN A CREVASSE, 10 MT DEEP COVER BY 2 MT OF SNOW.
- CAMERA AND PHONE
COURMAYEUR skiers

February 2019
The victims of an avalanche were identified after a few minutes with the ARTVA,
While the last victim had ARTVA not working and has been identified with the RECCO SAR and in the final with R9.
3 meters burial.
TOR DES GLACIERS

SAV have recommended to the organization of the TDG to equip all participants in the TOR DES GLACIERS Race as a back up for their GPS tracker. The race made it mandatory and all racers was equipped with a reflector on their back pack.
• 4 detectors in operation. First one was placed in January 2019.
• Detectors was deployed to 4 avalanche accidents. There were no victims with reflectors in the avalanches.
• In 3 accidents signals from other electronics helped rescuers in the localization.
• In one of the accidents the search was made in darkness and Night Vision Goggles was used.
Recco

Reflectors present situation.

• In cooperation with the outdoor industry we equip around 3 million persons with Recco reflectors each year.
• Through random tests we estimate around 25% of all skiers in a ski area are equipped with reflectors.
• With the RECCO SAR system the target group is all people involved in activities year around where there is a risk that they need to be searched for by organized rescue.
• The interest for the possibilities with the RECCO SAR system from the Outdoor equipment manufacturers is very high.
• We are now developing reflectors for touring- and running shoes, back packs, wristbands with reflector and other equipment used all year round.
• There will also be reflectors available for people that don’t have them integrated in their gear.
TEAM WORK – [ÖBRD/Police/Recco] & Missing Persons

• The goal now is to make more people searchable, to reach new target groups at risk.

• A teamwork between the outdoor industry, rescue organizations and outdoor enthusiasts have a great potential to save lives and to reduce risks and costs in rescue operations.

• Needs organized start up of the System (no quick shots)

• Needs Information and Marketing Activities
Thank you for your attention!

Presentation prepared by:

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martin.gurdet@bergrettung.at
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For more details we are available at our meeting point outside this room.