Dog deployment in search operations

History

- First attempts in 1957
- 1963 Purchasing of 4 dogs by the Alpine Club South Tyrol ACS
- Marius Eccli became the first group leader of the avalanche search dog handlers
- 1979, the first winter rescue course was held at Plan de Corones
- 1979 in autumn the department of avalanche search dog handlers was founded in the ACS
- May 1999 we organized the IKAR conference in Pfitsch
- Since 2020 Unterweger Manfred leads the group of the search dog handlers

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Mantrail – Start of a new experience

- Marlene Zahner brouht Mantrailing from USA to Europe
- first attempts at rapprochement in Mantrail Work
- Bachmann Sepp and Hopfgartner Paul start with the Training

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Emergency dogs in the mountain rescue

- Avalanche Dog
- Area Search Dog
- Mantrail - Dogs

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Training

- Playground
- Training step AA
- Training step A
- Training step B
- Training step C

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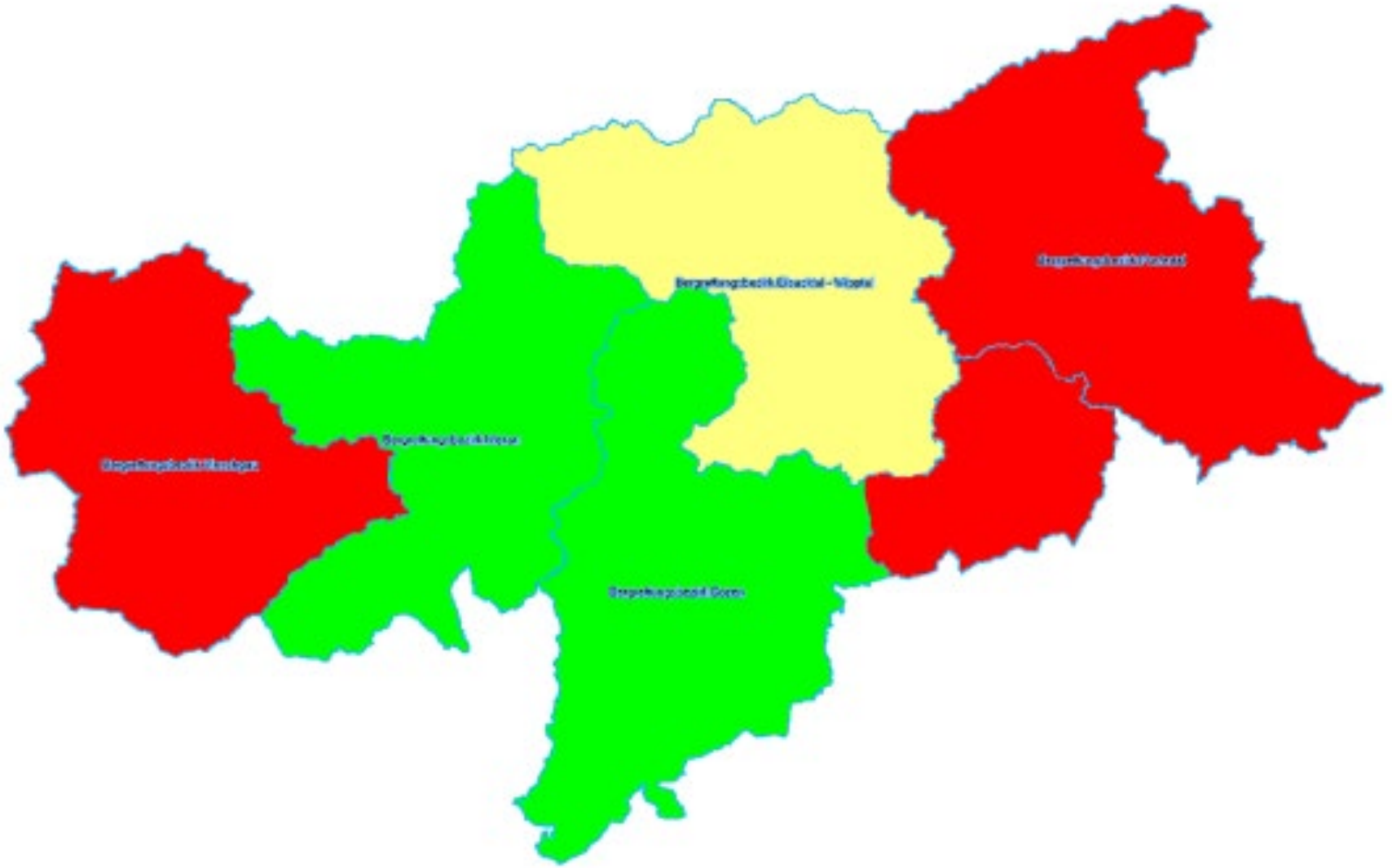
Organisation in South Tyrol

- Mountain rescue (BRD, CNSAS) 30 dog handlers
- Agency (SAGF, PS, CC) 10 dog handlers
- Fire brigade, Search dog + private organisations

Districts in the mountain rescue service South Tyrol



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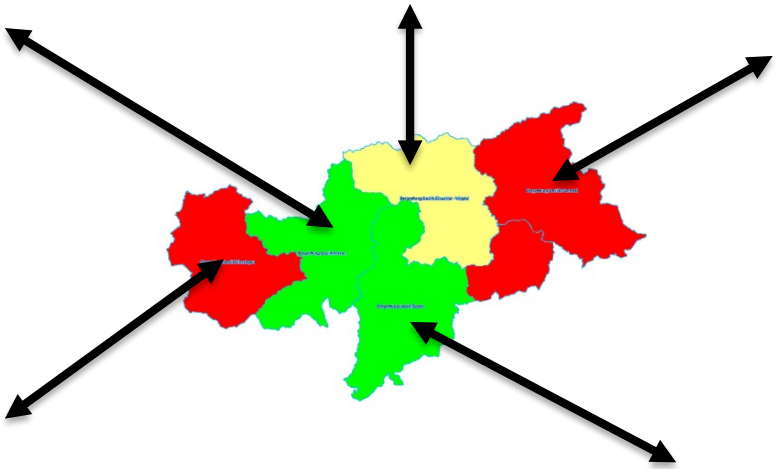
Dog handlers in the mountain rescue sevice South Tyrol

Eisacktal-Wipptal

- 5 active dog handlers
- 4x Avalanche group
- 4x Area search group
- 1x young dog in training
- 1x Mantrail Dog Handler

Meran

- 6 active dog handlers
- 6 x Avalanche dog group
- 5x Area search dog group
- 1x Mantrail Dog Handler



Pustertal

- 7 active dog handlers
- 6x Avalanche group
- 3x Area search group
- 4x Mantrail group

Vinschgau

- 8 active dog handlers
- 4x Avalanche group BRD
- 4x Area search group BRD
- 4x Area search group CNSAS
- 4x Avalanche group CNSAS

Bozen

- 4 active dog handers
- 3x Avalanche group
- 3x Area search group
- 1x young dog in training

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The alerting – The priority codes

The alerting of the mountain rescue stations is done centrally by the provincial emergency call center

- 4A - Departure of material: avalanche (or mudslide) with confirmed information that people are buried
- 4B - Material releases: avalanche (or mudslide) with uncertain information whether people are buried or involved.
- trained mountain rescue members only!

- 5 - Search operation in the alpine terrain (trained mountain rescue members only!)
- 6A - Search operation in non-alpine terrain
- 6B - Clarification search operation in non-alpine terrain

The Alerting – Notification with Pager

- Short message information about the Mountain rescue operation
- who set the alarm
- The priority Code of the rescue operation
- The location of the rescue operation
- brief description of the operation

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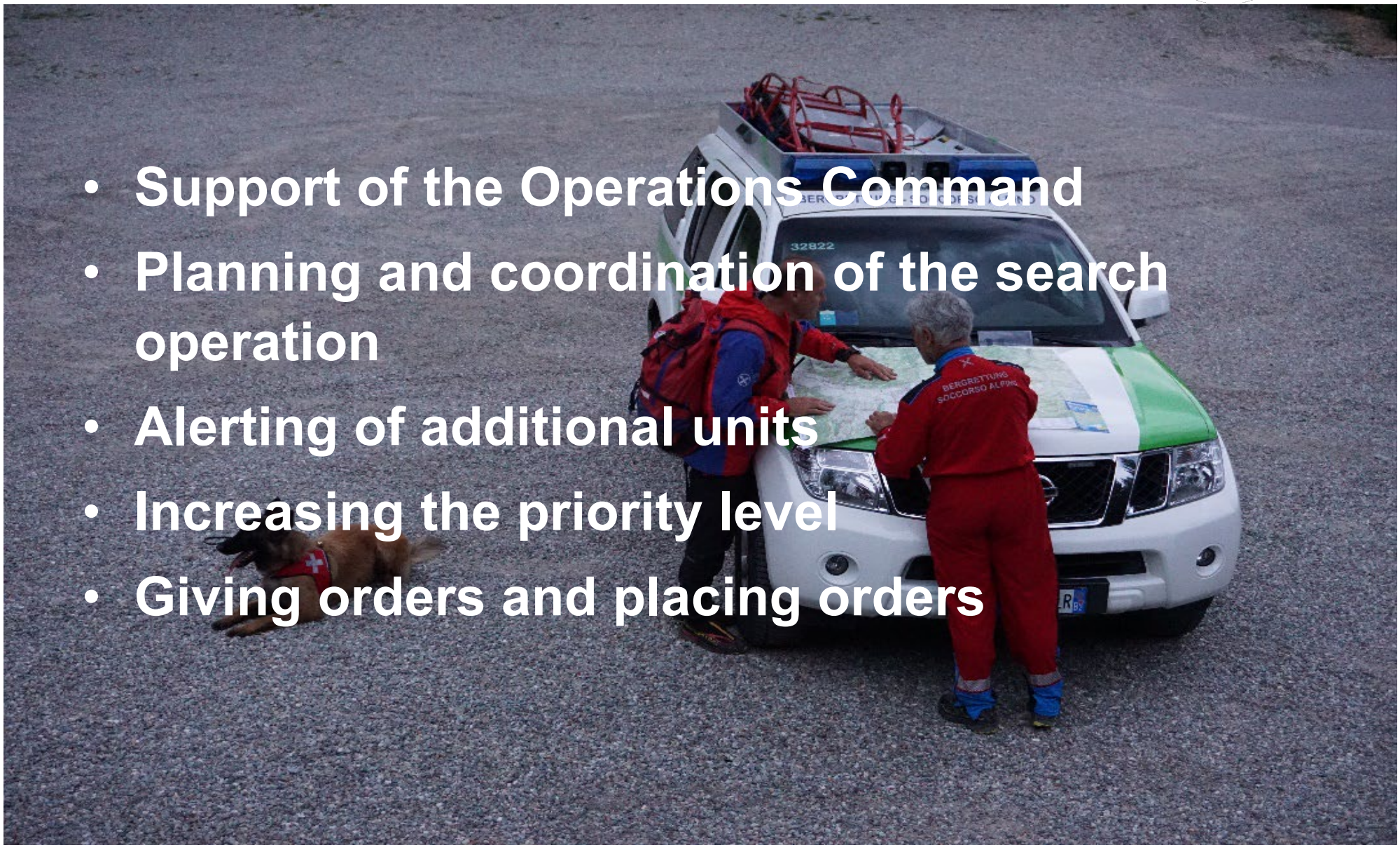
Dog Coordinator



- Support of the Operations Command
- Planning and coordination of the search operation
- Alerting of additional units
- Increasing the priority level
- Giving orders and placing orders

Tools – BRD APP

- Can be installed on the private Smatphone from the Dog handler
- Possibility to join to the rescue operation or not
- Live stream from the exact position of the Participant in the rescue operation
- Possibility to contact each participant by phone
- Possibility to send short messages, images
- Track recordings
- To transmit GPS coordinates
- To set logistic GPS points

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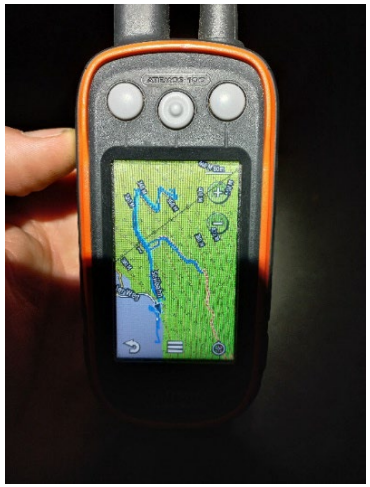
Device – Tool Garmin Atemos 100/K5

- Map deposited
- Precise indication of the position of the dog and handler
- Possibility of recording the track
- Storage and transfer the tracks in the Deployment Office program



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Device - Tool

- The Special Vehicle Technology (SF-Technik)
- has been specially designed to support search operations
- long-term operations and on-call or precautionary services

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Kreuzbergpass – 19.08.2019

- A search operation launched on Saturday night at the Kreuzberg Pass near Sesto
- Shortly before 2 a.m., the dogs finally guided the rescuers into a dense undergrowth
- An 86-year-old holidaymaker was found dead in the forest
- Search dog Ronja found the lifeless person.

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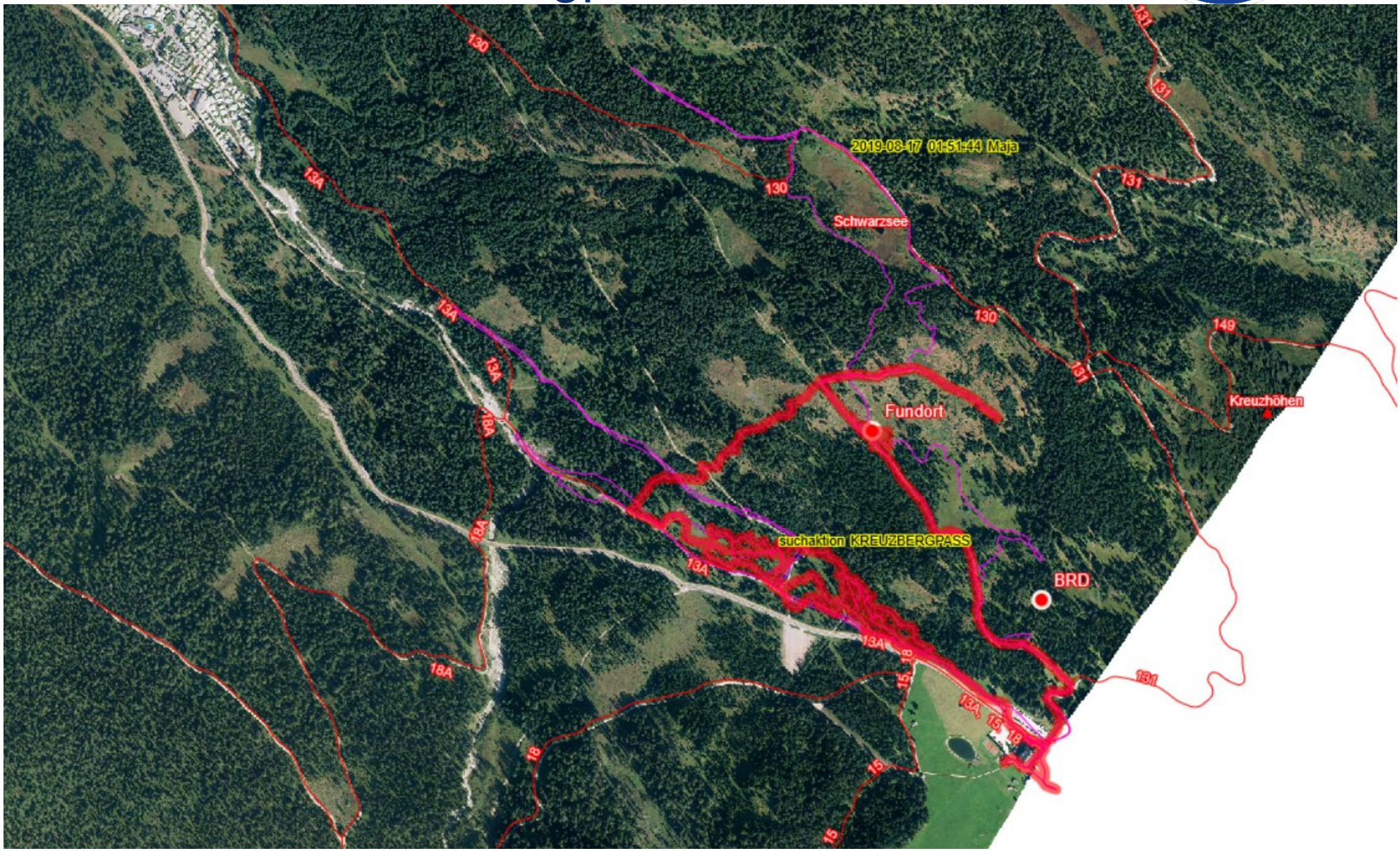
Kreuzbergpass – 19.08.2019



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Thanks for your attention