



INTERNATIONALE COMMISSION
FOR ALPINE RESCUE
Commission terrestrial rescue

Meeting of the ICAR Terrestrial Commission
Of October 12 – 16, 2006, in Cortina/I

Agenda

1. Welcome
2. List of Participants
Will be circulated. Please write legibly.
3. List of Contacts
Will be circulated. Please fill in only if there are changes since the last meeting.
4. Introduction of Participants/Organizations
No new organizations
5. Minutes of Zakopane
There are no questions concerning the minutes.
6. ICAR Information, Elections and Voting
Bruno Jelk explains the details regarding the new modi and asks that only one election should be held.
7. **Information Internet**
Gebhard Barbisch explains the details of the homepage. Especially regarding the internet forum. Passwords for the delegates are available through him. (webmaster@ikar-cisa.org).
8. ICAR Recommendations
Recommendation – REC B 0001
The Terrestrial Commission recommends to register EN 12275 Q instead of the weights.
Recommendation – REC B 0003
No petitions for change; will be left the way it is.
Recommendation – REC B 0004
No petitions for change; will be left the way it is.
Recommendation – REC B 0005
„GiGi“ as product name shall be taken out.
Recommendation – REC B 0006
The sentence „that includes the carbine brake, the Kong-Gi-Gi, the Rack and others“ shall be substituted with „that includes the carbine brake and similar systems“.
Recommendation – REC B 0008
The PGHM suggests a recommendation that brake systems should be integrated in Akjas, without saying which systems should be built in by the the manufacturers.
The commission recommends that the PGHM draws up a recommendation which at the end of the meeting can be passed as amendment.

9. Work Meeting Terrestrial Commission in the Future

There are different reactions regarding the work meetings. The poll negated such a wish, but single opinions are nevertheless in favor. Therefore, within the commission we have to ask ourselves do we want a work meeting and in which form.

Sepp Hoelzl suggests, if required, to start the meeting a day early.

Karl Peter Goetzfried urges that the winter rescue devices may not lose out.

Dominik Hunziker raises the issue that the increased traveling is a problem, but that the practice shouldn't lose out either. Maybe the second meeting could only be carried out every third year.

Reinhold Doerflinger would prefer a separation of the topics: one year summer rescue, one year winter rescue. With that, additional meetings would only be considered every other year.

Bruno Jelk asks the question again: Do we want a work meeting, 1 additional day, no matter how?

This proposition is unanimously accepted.

10. Petitions to the Commission

Petitions can improve the work of the chairmen. The current work is considered good.

11. Petitions to the Executive Committee

No petitions to the executive committee.

12. Goals Meeting 2006, possibly 2007

There are no suggestions.

Bruno Jelk: there is an increase in evacuations without accident. More and more, people tend to go to the mountains in any weather and then call us when they can't get any further.

Recommendations for the mountain associations and such that these problems are getting out of hand.

Put in more suggestions until the Assembly of Delegates.

PGHM

In Chamonix 50% of the reports come in by cell phone. But not all of them are a misuse.

Dan Hourihan – MRA

The problem is that the 911 calls come in through different authorities: fire brigade, police, and so on.

Bruno Fleury – ENSA

The people that initiate the 911 calls are unknown. It could be researched in what condition the callers are. Compulsory registration for mountain climbers would be a possible solution.

Hölzl Sepp – AVS

It's also a problem of work safety. We should consider that as well and how far we can deal with that.

Bruno Jelk

Dominik Hunziker could get into that.

13. Miscellaneous

No more requests to speak.

Terrestrial and Avalanche Commissions, Meeting of October 13 – 15, 2005

Rappel Accidents

Dominik Hunziker – SAC

Several such accidents are presented and the causes analysed.

Datei/File: 01-SAC-Abseilunfaelle.pdf

International Mountain Rescue Specialist

Martin Hepting

Martin Hepting, Swiss Army, presents an international project in which the training for mountain rescuers are standardized.

Barbisch - ÖBRD

It is requested to look for another name for these specialists. The term „mountain rescue specialist“ in general only speaks for the mountain rescue services and not the military. Such a standard needs to be prevented from having an affect on the mountain rescue.

Datei/File: 02-Internationaler-Gebirgsretter.pdf

Correct Use of Securing Ropes when Rappeling

Kirk Mauthner – Canada

Kirk Mauthner presents the considerations for a better use of securing ropes.

Datei/File: 03-Backup-Lines-Mauthner.pdf

Search of People in the Pyrenees

Bruno Vincent - CRS

By means of a computer presentation we are informed about the starting point and the course of this international rescue operation (see CD).

Question: What was the biggest problem for Bruno himself?

Answer: The communication. To conquer the problems in three different languages was a serious challenge.

Datei/File: 04-Action-de-recherche-Pyrenees .pdf

Missing Persons Report through 144 Dispatch

Vincent Favre - KWRO

Vincent introduces the 144 Dispatch in Siders/Wallis. This is the first organization in Switzerland who combined all the rescue partners under one roof. He explains in detail how a missing persons report/search operation, always in co-operation with the police 117, is handled (see CD).

Question: Do you make a difference between a search for a child or an adult?

Answer: Naturally one is more emotional when it comes to a child, because of an adult we can expect more.

Question: Who decides if a search operation is initiated? Dispatch or head of rescue?

Answer: The decision is delegated to the regional head of rescue, because he knows the „specialties“ of the region better than the „blind“ dispatch which becomes the information platform.

Datei/File: 05-Vermissmeldung-KWRO.pdf

Missing Persons Report / Analysis

Bruno Jelk - KWRO

Bruno lays out the practical course of a search operation as head of rescue. Because of his years of experience he can explain very well the essential, thorough inquiries before the operation, the decision to initiate and the decision to call it off.

Datei/File: 06-Suchaktionen-Jelk-KWRO.pdf

Measuring Probabilities of Area and Detection

Dan Hourihan USA

Dan explains how a search operation in the vast state of Alaska/USA is handled (see CD).

Question: Is there a possibility of searching even when the computer is down?

Answer: POD is not only based on the functioning of the computer. The idea, the considerations and course of action is for all rescuers POD, the computer is only an aid.

Question: Is there documentation about this presentation?

Answer: It will be made available by Dan.

Question: If it seems impossible to find a person, do you consult with psychics?

Answer: No, we don't work with those people, because we haven't had any success so far and the rescuer get tired and frustrated with failures like that.

Datei/File: 07-Search-Probability-Theory.pdf

Navigation by Satellite during Search Operations

Klemen Volontar - SLO

The computer presentation brings us closer to this interesting search possibility (see CD).

Question: Does the search also work when the means fail?

Answer: Of course you also have to search when the GPS fail, but if you have the means, you can search more efficiently.

Datei/File: 08-GPS-Search-Operation-SLO.pdf

The Difference between Search Operation and Rescue Operation

Cdt Bonneville - PGHM

He tells us about a „commuter“ who helped him last winter to make a success out of an avalanche on the Mont Blanc du Tacul. It's meant as exchange of experience.

He explains the differences between a search operation and a rescue operation on the basis of several accidents (see CD).

The motto with search operations should be: Never give up!

No documentation received

Retrospective View Work Shop 04

Bruno Jelk - KWRO

No questions or additions.

This lecture will be added to the minutes.

Datei/File: 09-Risikomanagement-fuer-Retter.pdf

Search Operations

Hans Martin Henny - ZGKS

Systematic preparation for a search operation from a military point of view.

Question: Who is in charge in a military-civilian combined operation?

Answer: In that case the military reports to the civilian leadership.

Datei/File: 10-Suchaktion-Entscheidungen-Henny.pdf

A Few Moments of Terrestrial Search

Ognyan Baldzhiyski - BUL

See CD.

Question: Have you contacted RECCO?

Answer: We've been in contact with RECCO, but still don't have any devices.

Datei/File: 11-Vermissstensuche-Bulgarien.pdf

3D Simulation Application for Search Operations

Alessandro Dibona - CN

He shows us how inquiries and rescuer contingents are made by means of an exact questionnaire and an already scanned map on the computer. This is still a project and will be elaborated in the future (see CD).

Comment: The commander-in-chief of the French mountain rescue congratulates his colleagues on this project. This gives the head of rescue time to make such inquiries from „home“ until all the rescuers are ready to initiate the operation.

Question: Has this system already been used for a search?

Answer: This project has only been applied parallel to the regular system, not by itself yet.

Question: Several countries put more and more such search programs on the market. Would it be possible to standardize such search programs?

Answer: Of course it's possible, but everything is still being worked on. We are open to all co-operation.

Question: Have the costs been calculated for these programs?

Answer: Yes, but there are no exact numbers since the systems are still being expanded, like different maps and such.

Question: Is the system multi-lingual?

Answer: No, not to this day.

Question: Is this program compatible with national maps like they have in France?

Answer: Yes, as long as they are not unusual formats.

Kein Vortrag verfügbar/No documentation available

Search Operations from a Helicopter Pilot's Perspective

Patrick Fauchère - KWRO

This very interesting presentation shows us the risks of night and bad weather operations. The question here is how much risk should a pilot/rescue crew take? See CD.

Question: Do you have checklists you go through beforehand?

Answer: We don't really have checklists or guidelines. The operation is always discussed with the team. Each team member knows where the limits are. Limits that prevent us from getting into conflict with the law or the insurance companies, but especially with ourselves. Our goal is to keep the risk at a minimum.

Datei/File: 12-Night-OPS-2005-KWRO.pdf

Risk Management – Checklists

During his presentation he asks everyone to send their checklists to Heini Malue in order to standardize them.

Question: What do you mean by risk control?

Answer: With different measures we want to achieve a result and when that can't be done we have to work out new guidelines. „Control“ in the sense that I want to achieve something with these measures.

Datei/File: 13-Risikomanagement-Checkliste-Wuertl.pdf

Search as an Investigation

Dan Hourihan looks at a search operation as a typical investigation of all relevant points.

Date/File: 14-Investigation-Hourihan.pdf

Beacon Basin Education Program

Bruce Edgerly - USA

Bruce thanks everyone that he can present his search device at the ICAR meeting by means of computer presentation (see CD).

Datei/File: 15-Beacon-basin-Tracker.pdf

Movie: „Avalanche – what now?“

Peter Straubinger

Presents briefly the movie regarding the Air-Bag. The CD in German will be available in about 3 weeks, the English version will take about another month.

Missing Persons Search Operation !?

Hans Jürg Etter - SLF

Hans Juerg Etter tells about a very interesting avalanche with buried and missing people which later turned out to be a false alarm (see CD).

Question: Is it possible to locate a cell phone user within 1000 km?

Answer: Due to technical reasons an exact location cannot be determined yet.

Question: Was the safety of the rescuers during this operation guaranteed?

Answer: Yes, there were no rescuers at the site during the night, even though the external conditions would have allowed it.

Comment: France tells us that they work with a device called „LUTES“ which is used with helicopters and can detect turned-off cell phones. Francois (F) will be happy to give everyone interested more information.

Other countries have received false alarms like this one in Davos as well, but fortunately not to this extent.

Datei/File: 16-Vermisstensuchaktion-Davos.pdf

Medical Aspects of Missing Persons Search

Günther Sumann - A

Very impressingly we are given a demonstration of what kind of medical difficulties missing people have to cope (see CD).

Recommendation for the mountain rescue: In every case of longterm missing people, the physician has to be brought to the patient and afterwards the patient needs to be admitted to the hospital for a check.

Question: How do you approach a patient so that he won't burst into euphoria because he was found and therefore endanger his life?

Answer: You have to tell the patient that now he will be helped, but that the ordeal is not yet over.

Presentation was not made available for publication

Lightning Injuries

Ken Zafren - USA

The leading physician of the rescue organization in Alaska shows us in his presentation how lightning results, how we can react and what we can do to protect ourselves.

Question: How can you get hit by lightning when the thunderstorm is 20 – 30 km away?

Answer: The electricity runs over the surface and therefore, it can travel a long distance.

Question: Does lightning only occur when cumulus clouds are building up?

Answer: No, not at all.

Datei/File: 17-Lightning- ICAR.pdf

Medical Training DVD on Avalanche Rescue

Hermann Brugger - Medcom

Hermann presents the new DVD „Time is Life“. This DVD will be available this November for about 20 Euros and is equipped with 9 different language settings.

Predicting Lost Person Behavior

Dan Hourihan - USA

See CD.

Datei/File: 18-Predicting-Lost-Person-Behavior.pdf

FLIR – Thermal Imaging Camera

Alex Reiter, Franz Marx - ÖBRD

The explanations regarding this topic are very interesting and informative. See CD.

Question: Has the camera been used for the assessment of snow temperature?

Answer: Yes. The camera is able to show the temperatur difference in the different snow layers.

Question: When rocks, trees, etc. are heated by the sun, it has always been very difficult to distinguish the non-moving person from the warmed surface. Have there been improvements with FLIR regarding this problem?

Answer: No, unfortuantely not.

Question: Is it possible to measure through more than 5 cm of snow?

Answer: No, this is currently not possible

Datei/File: 19-IKAR-FLIR-mit-Ton.pdf

Training Facility for Situations in Mountain Rescue

Heini Malue - Bergwacht Bayern

Heini introduces this project facility with all its advantages. See CD.

Datei/File: 20-Bergwacht-Simulationsanlage.pdf

Recommendations / Guidelines / Norms

Dominik Hunziker - SAC

Dominik explains in his brief lecture the three terms, how they have been used and encourages the people present to express their opinions.

The ICAR executive committee relinquishes to issuing guidelines.

Recommendations are voted on with the 2/3 voting process.
The ICAR wants and will keep on working on the remitting of norms.
Several times it is mentioned that again and again there have been translation problems regarding the technical terms.

The following propositions are made and voted on:

Petition to amend Recommendation B001 D is accepted unanimously.

Petition to amend Recommendation B005 E is accepted unanimously.

Datei/File: 21-SAC-Empfehlungen.pdf

Stretcher

Roger Emin - PGHM

The new stretcher FRANCO GARDA, a product of cooperation France and Aosta, is presented (see CD).

Question: How much does the stretcher weigh?

Answer: A total of 13 kg, but it can be broke down in 4 pieces.

Datei/File: 22-Traineau -Triangulaire.pdf

Avalanche Rescue of March 2005

Pankraz Hauser - SAC

Pankraz tells us impressively of an operation with 3 fatalities.

Datei/File: 23-Von-der-Suchaktion.pdf

Helicopter Rescue on the Aiguille des Cosmiques

Cdt Bonneville, Hervé Fabri - PGHM

The two gentlemen tell us about a helicopter rescue above Chamonix with unexpected power phenomenons.

Remark: in air rescue there are guidelines called „check-up“ which in these situations could be very useful.

Kein Vortrag verfügbar/No documentation available

At 4:45 p.m. the meeting is closed and Bruno thanks everyone for their participation.

The President:

The Vice-President:

Bruno Jelk

Gebhard Barbisch

For the English Translation:

Olivia A. Chandler