

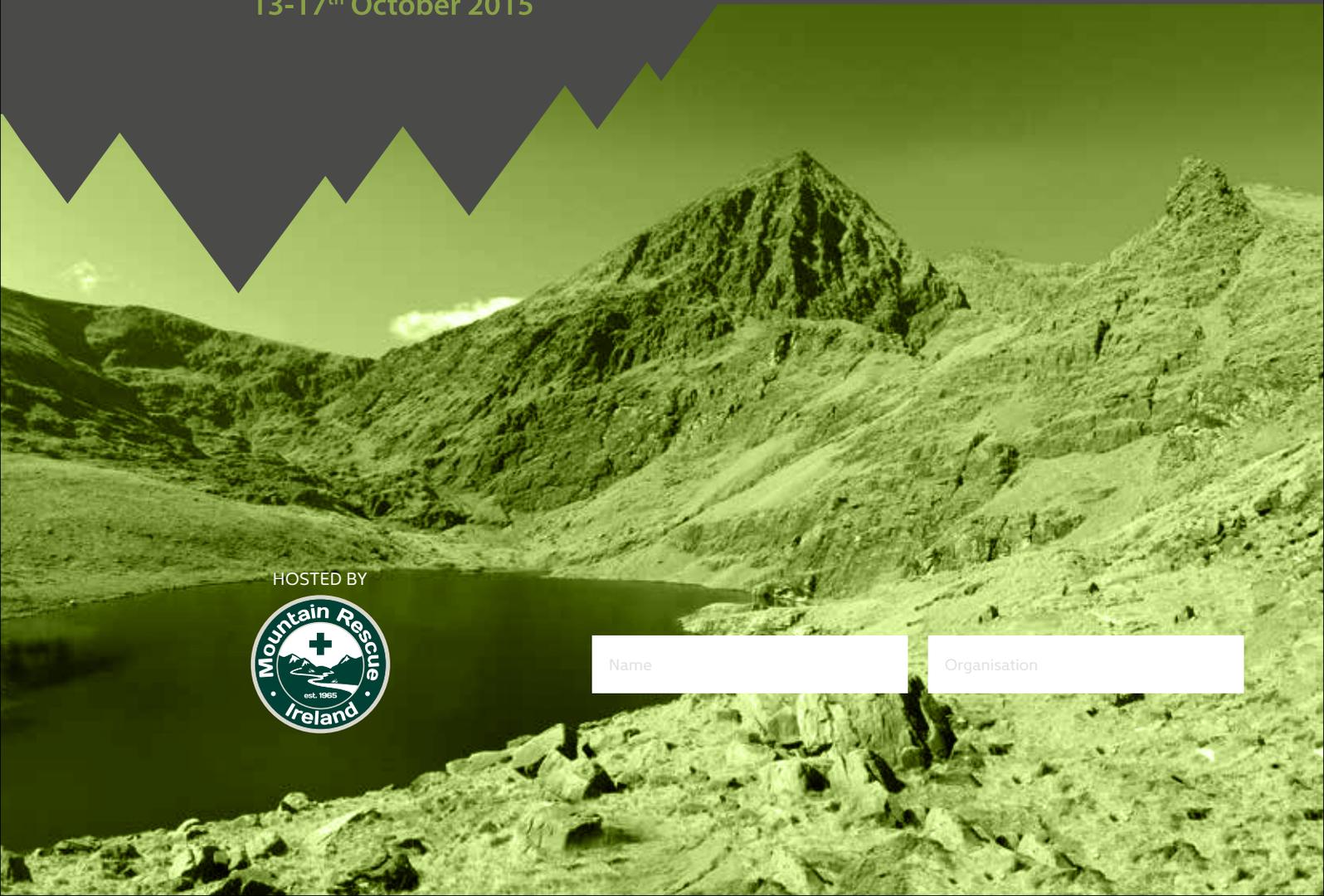
CONFERENCE HANDBOOK

20 15



CONGRESS
Killarney, Ireland
13-17th October 2015

alpine-rescue.org



HOSTED BY



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International Commission on Alpine Rescue

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ICAR
2015

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A Warm Welcome



Kenny Roberts
Chairperson of
Mountain Rescue Ireland



Friends, fellow mountaineers, fellow rescuers and your families, on behalf the people of the island of Ireland, the Twelve Mountain Rescue Teams that make up Mountain Rescue Ireland, the ICAR Board and the ICAR 2015 organising committee, I offer you a Céad Míle Fáilte.



It is an honour for Mountain Rescue Ireland to host ICAR this year as we celebrate 50 years of mountain rescue in Ireland. This year's congress is set in the majestic Killarney National Park and at its centre has Carrauntoohil (Ireland's highest mountain) which is nestled in the Macgillycuddy's Reeks mountain range.

As I sit here and reflect on what is mountain rescue, my first thoughts go back to when it all started, when only the adventurous sought adventure in wild and remote places. The ethos of mountain rescue is born from the desire of mountaineers coming to help their fellow mountaineers in difficulty, to this day this is still the case.

I contemplate the origins of Mountain Rescue in Ireland back in 1962 and the formation of its representative body Mountain Rescue Ireland formally know as Irish Mountain Rescue Association in 1965 and now fast forward to today, where adventurism has no bounds.

Society does its best to shake off the stress of modern life, people having more spare time and the need to have a healthier lifestyle, the appeal of the mountains draw more and more into them ... some well-equipped and well trained, those who are self-sufficient, to others with no concept of the dangers that lie within.

From an age when if we got 2 maybe 3 callouts a year, to the present day with some teams receiving request for assistance in the hundreds per annum, we need to take stock of whom and what we are. We must look to the future and map out the rescue world to be ready for what comes next.

The concept of mountain rescue to the public, in the early days, was a Yeti style bushy bearded giant of a man with dark sunburnt weathered skin, dragging some poor unfortunate off a mountain to safety....to today, (some of the old breed still exists) we are looked at as part of the wider emergency services family.

A Warm Welcome



The world of mountain rescue is made up of both the professional statutory paid rescue teams/agencies and the volunteer teams who are by no means less professional.....but both have one focus and that is the casualty. The ICAR gathering gives us the chance to share ideas, skills, knowledge and technologies derived from lessons learnt.

With our leaps forward to ensure we deliver the best pre-hospital casualty care for those who have slipped, tripped or have fallen and to the way we meticulously plan and execute search operations for lost or overdue walkers or vulnerable missing persons, to the more technical rope rescue for complex cliff / crag rescues or avalanche rescue, to the utilisation of air assets in rescue operations. This all comes from years of experience and shared knowledge.

The theme for this year's congress is "human factors in decision making". With this in mind

we must ensure we guard against litigation and ensure that we have the right people making the right decisions. Mountain Rescue Ireland has over the last number of years developed a bespoke leadership programme to deal with that one key issue "human factors and leadership".

We all come from different teams / organisations / agencies and we might do things a little different but yet we all come from one team and that is a community based ethos that has not changed since those first groups of mountaineers banded together to rescue their own. We should be proud of what we do; after all..... we are ordinary people undertaking the extraordinary. We are Mountain Rescue.

Our goal is to deliver a congress that will be talked about as legend and folk lore in years to come.
Is Mise.



ICAR President Welcome



Franz Stämpfli
President of ICAR



In the name of the board and the director of ICAR, I would like to welcome you in Killarney in Ireland. As the new president, I am looking forward to lead the congress in Killarney, Ireland.

For the first time in its 67-year history, the International Commission for Alpine Rescue (ICAR) is coming to Ireland for its annual congress, hosted by Mountain Rescue of Ireland (MRI), celebrating its 50th anniversary, congratulations! We are very happy to be a guest of your Mountain Rescue Organisation.

Our last congress was in South Lake Tahoe in the USA. This was the last congress of the former president Gerold Biner and on that side, I send a great "Thank you" to Gerold.

The work in the board is very positive and the members have a high experience and are high professionals. Our goals for the ICAR for the future, we hope to show that in Ireland, are:

- New sponsoring and finances
- New members
- ICAR needs friends and partners
- Leadership

With Tom Spycher, ICAR has had 1½ years of a top new secretary and I thank him in this editorial for his great work.

Like every year, the preconference day will cover interesting topics. The presidents of the different commissions have made a perfect programme. I hope that you can participate and give your thoughts and inputs to the different posts.

Honor to whom honor is due! The preparation and the organization of this event was first class and the whole team in Ireland should accept our ungrudging respects.

Thank you all for the great work and I am very pleased to meet you in Ireland.

Terrestrial Commission



Gebhard Barbisch
President of the
Terrestrial Rescue Commission



Dear Members of the Terrestrial Rescue Commission, dear Friends of ICAR and dear much appreciated Exhibitors!

This year the convention will be organized by Mountain Rescue of Ireland. They have worked hard to prepare a perfect environment for our convention. Now it is up to us to make the meeting successful by intensive cooperation and the willingness to work together. This year's practical session is organized and supervised by the Terrestrial Rescue Commission. I am sure, the demos you will see, are beneficial to all of us.

This year's main topic is "Human Factor". It is well known by all of us, the beginning of an accident is very often linked to some human error, often followed by more, sometimes ending in a disaster. If we realize that human errors can happen, then we can learn ways to prevent them.

Learning from each other is the best we can do. Let's learn from the experience of all

participants, documented in their presentations or shown on practical demonstrations. Our goal should be not to do the same error twice. Avoiding any human error in rescue operations isn't realistic, as we would have to stop all our missions just to avoid any possible errors.

However, what we can do is to train mountain rescuers not to make well known errors, and if an error happens, to do everything to minimize its impact, avoiding to make a second error. We should strive to extend the time between two errors as much as possible (Pat Fauchère).

We are all here to learn that human errors simply can happen and what can be done to prevent them as much as possible. I look forward to a lot of constructive interaction, so that we all go home at the end with a full basket of new knowledge on human errors.

Avalanche Commission



Dominique Létang
President of the
Avalanche Rescue Commission



It's a great pleasure to meet with our commission in Ireland this year. I am confident that our Irish friends did everything possible to make this conference a memorable moment.

Among with many other interesting topics, we will extensively discuss human factors in decision making (which is the main topic of our congress).

Decision making is a key point in any rescue mission to become successful or not. The everlasting question "go or no go" requires tough decisions from mountain rescuers. Therefore numerous presentations will be presented together with the Terrestrial Rescue Commission as the human factor concerns us all!

We will share the 2014-5 seasonal report of avalanche accidents for each country, with a focus on Europe, as there has been a dramatic toll last winter. Then we will come back on the last recommendation "Be searchable" of the Avalanche Rescue Commission. This recommendation aims to better protect rescuers engaged in rescue operations. It now should be brought to circulation in the entire mountain world.

I wish you all, the commission members, the organizers, the developers and the manufacturers a really good congress.

#icar2015

Air Rescue Commission



Patrick Fauchère

President of the
Air Rescue Commission



Dear members of the Air Rescue Commission, dear sponsors, exhibitors and manufacturers, dear guests and dear friends of the ICAR,

Together with Mountain Rescue Ireland (MRI) we are looking forward meeting you and sharing with you some time during our annual conference held this year in Killarney.

Our challenges: trying to find common solutions to different operations, different types of helicopters but with one common goal: helping people in need and guaranteeing the safety of our rescuers.

Our main topic for 2015: Decision making and

human factors. For the Air Rescue Commission focus will be in the 2 planned workshops on 'Ground to air communication' and 'Helicopter Hoist and Human external cargo guideline'.

The passion that livens up the rescuers, the devotion and desire to carry out rescues are what drives the members of ICAR.

Thank you all for your commitment, for your participation and I wish you a fruitful conference here in Killarney.

Medical Commission



Fidel Elsensohn , MD
President of the ICAR MEDCOM
(International Commission for
Mountain Emergency Medicine)



Dear colleagues and friends, dear delegates!
On the invitation of our Irish friends we are gathering in the beautiful green hills of Ireland.

Mountains do not need to be very high to attract thousands of climbers and walkers and therefore professional rescue systems are very important also in these areas. The main focus of this meeting for our participants will be to continue the work on the recommendation: "Multi Casualty Incidents in the Mountains and Remote Areas". We did a good part of this discussion during our spring meeting in Switzerland and we hope to be able to establish a final draft during this meeting. Additionally we will finalize the recommendation on "Evidence based Recommendation of Canyoning Rescue". We will also define the next steps in distributing and introducing the "Avalanche Victim Resuscitation Checklist". A long list of short communications and the planning of the 2016 meeting in Cape Town will complete our very dense schedule.

At the congress on Saturday morning members of our commission will present the recently finished or published recommendations and case reports to the entire ICAR audience. The goal of ICAR MEDCOM, the medical commission of IKAR, is establishing recommendations

and guidelines to give advice to all members of rescue organizations dealing with injured and ill people in the mountains. All papers are published in highly recognized peer reviewed medical journals to reach the highest level of acceptance in mountain emergency medicine.

Our recommendations cover a great variety of problems which are commonly faced by rescuers as well as by emergency physicians called to accidents in the mountains. It is essential, that these recommendations are translated and adapted to the local situation and national regulations to provide best support to all who need them. ICAR MEDCOM consists of more than 60 experts (doctors and paramedics) from all continents, working in the fields of mountain emergency medicine and many of them will be present at this convention.

We look forward to meeting you in Killarney on the Irish West Coast for a successful meeting and hopefully enjoy some spare time listening to the famous Irish Music with a pint of beer in hand.

The Road To Killarney



Chris England

ICAR 2015 Congress, Project Manager



It was a sunny afternoon in mid October 2008 and Mark Flynn, a fellow MRI volunteer, and I were enjoying a coffee in a cafe in the middle of Chamonix, savouring the view of Mt Blanc.

The conversation had been all about the previous days on the Les Grande Montets, the demonstrations we had seen and lessons learned and appreciated in the presentations. This was our first trip to an ICAR Congress and coming from a small country where the highest mountain barely reaches 1038m we felt more than a little in awe at this group of fell rescuers we were meeting in the middle of the Alps. After a silence in the conversation Mark raised the question "Do you think we could ever host one of these?" Without hesitation I responded "No way!, We don't have these mountains, the snow in October for the demo's or the draw to bring these guys to Ireland."

The conversation moved on but before long a passerby heard us talking and stopped to ask "Are you guys Irish?", "We are indeed!" Was our response, swiftly met by him saying "Great! me too". After pulling up a chair to join us the stranger began to engage us in conversation. Was this our first Congress? What were our

views of the Congress so far, and how are all the folks back in Mountain Rescue Ireland? It turns out that it is a small world in Mountain Rescue for the stranger who had struck up the conversation was Dan Hourihan, the MRA's delegate to ICAR and he had presented at Mountain Rescue Irelands national conference a few years previous. We were in good company, and Dan gave us a better insight into how we might get the best from ICAR and the congress.

For the rest of that congress we had made an effort to sit at a different table at every mealtime and talk with as many different ICAR member organisations as we could. It was clear to us at this early stage that the congress is much more than the presentations across the day. The social aspect at meal times and chats in the bar after carry are a very important part of the few days. It provides us all the chance to network, develop new contacts and friends across the globe, where training might be exchanged and of course catch up with those

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The Road To Killarney



friends from previous training and congress's. As we flick forward to 2012, the then Mountain Rescue Ireland Chairman, Seamus Bradley, was considering how we might celebrate MRI's 50th anniversary in 2015. Quite forward thinking for an organisation which might not normally look further than 12-18 months. Seamus called me to ask the question I had been asked back in Chamonix, "Do you think we could host ICAR in 2015?" This time the answer was much less knee jerk and more considered and it was a, "Yes, I think we could".

This set the ball rolling and we began the communication on how we go about gaining the approval from ICAR to host, how we would go about delivering it if we did get the opportunity, where might we host it and how could we deliver it amongst our already busy work load as volunteers. This last point was crucial, as MRI's teams are manned by volunteer rescuers all with our busy work and home lives, our own team commitments of rescues, training practices, fundraising and organisational committees.

The first step was a letter from Seamus to the ICAR President to express our interest in hosting the congress. To our surprise this was immediately met by enthusiasm and followed up with some discussion about how we formally apply and the steps we must achieve

to gain the Committees approval to put it to the ICAR membership in Oct 2013. With this positive response we now looked into answering the other questions of where? and how?. On the where, we looked at the mountainous locations where teams are located and that have the existing facilities to host a congress of this size. One location stood out and you are here today, in the fantastic Killarney, County Kerry. Home to Irelands highest mountain, Carruntuohill, it also has a large choice of hotels where we might host ICAR.

On the how it was evident we needed some help, we are experts in the mountains but know little about delivering an international congress. For this help we turned to Failte Ireland, the national tourism agency who's role includes



The Road To Killarney



advising people like MRI on how we can show Ireland as a business tourism destination and importantly how to deliver it. From early discussions with FI it was clear we needed to contract with specialist help to deliver the congress. Enter Happening, our partners in ICAR 2015. Their advice, contacts and skills would be invaluable in delivering ICAR Killarney 2015.

Now we had an idea where we might host the congress and how we might deliver it, we still had to gain the approval of you, the members. I can't think of a more attractive location to do this than Bol, on the beautiful Island of Brac. A first for ICAR at an island location and our Croatian friends had set a high standard for stunning locations, steeped in sunshine. With the our preparations in place I nervously presented our offer . My nervousness was evident as I held the microphone a little close to my chest and the thumping of my heart almost drowned me out, something my MRI colleagues are quick to remind me of. However, we thank you all for you unanimous vote of support.

Last year we had another first in ICAR as we headed to America for the first time. Here again, the location of Lake Tahoe proved easy on the eye and the MRA showed us how to host a congress. For me however, it was almost the completion of the circle for I found it an honour and privilege to be passed on the ICAR banner by that stranger who had befriended us back on our first congress in Chamonix, Dan Hourihan.

So onto Killarney, another first for ICAR. As hosts we believe we have brought together a great congress offering for ICAR. We hope you will find the hotel and congress venue matches or exceeds your expectations, the food and entertainment show off the best of our Irish culture and cuisine and that the workshop area facilitates all that you need to demonstrate. Most importantly for us in MRI, however, we hope you can join with us in celebrating our 50th Anniversary, one where we are honoured to have you as our guests.

céad míle fáilte.

Mountain Rescue Ireland - 50 Years



Mountain Rescue Ireland [MRI] was founded in 1965 - then known as the Irish Mountain Rescue Association [IMRA] - at a meeting in the Mourne Mountains in Co Down.

Article by:
Gerry Christie
MRI PRO

From the outset the organisation straddled two political jurisdictions; and had to deal with the inevitable internal paradoxes and complications that this presented.

Before focusing on MRI it is necessary to explore context. Participation in recreational mountaineering in Ireland is a relatively modern phenomenon; that is to ignore Croagh Patrick which appears to be a centre of human attention for five thousand years, predating St Patrick putting a Christian stamp on the mountain. It also ignores the native rural shepherds who tended their mountain flocks, as St Patrick himself did on Slemish Mountain. Arguably these activities and Art O'Neill's death in a snow gripped Wicklow mountain in 1592, fall outside the remit of recreation. Aside from these exceptions and prior to the First World War, the only visitors to the Irish uplands were members of the ascendancy or gentleman naturalists - many perceived as eccentric.

Between the world wars there was some increase in climbing but it was still largely the

preserve of a small social elite. However An Oíge [Irish Youth Hostel Association - IYHA] was founded in 1932 and had a role in popularising the hills and informally contributed to mountain rescue after World War Two [WW2]. There were a number of military air crashes in the mountains during WW2 including some survivors; it appears that rescue was largely an ad hoc local community response under the supervision of the Gardaí and the military. Remarkably 23 French Girl Guides survived a crash landing on Djouce mountain [Wicklow] in 1946; two of the Guides walked down the mountain to raise the alarm, the plane had been presumed to have turned back.

After these turbulent years, a general rising living standard and the steady growth of private mobility saw an increase in hill going and inevitably an increased rate of mishap. Two students died on Lugnaquilla in 1963; Wicklow appears to be an eventful place! The only available helicopter then was in Northern Ireland and members of An Oíge and the Irish Mountaineering Club [IMC - founded in 1942]

Mountain Rescue Ireland - 50 Years

assisted the recovery. This and other incidents highlighted the need for a helicopter rescue service in the Irish Republic [helicopters were purchased that same year] and a more formal approach to mountain rescue was a perceived to be necessary.

This generated the inaugural MRI meeting of 1965, where An Oíge, IMC and the Mourne Mountain Rescue team - among others - were represented. The Mourne team was founded in 1962. A constitution was drafted with the following objectives:

- To assess and keep under review the requirements of Mountain Rescue Services,
- To establish Mountain Rescue services as required to benefit the public,
- To act as a central organisation in liaison with civil and service authorities.

These objectives remain valid today. A formal An Oíge rescue team team was later established – its role was ultimately taken over by the Dublin Wicklow team in 1984

Today MRI represents 12 voluntary rescue teams across all of Ireland [their founding dates are in brackets]

Mourne [1962], Kerry [1966], Galway [1975], Sligo/Leitrim [1975], South Eastern – SEMRA [1977], Tramore [1979], North West [1980], Donegal [1982], Glen of Imaal [1982], Dublin/Wicklow [1984], Search and Rescue Dogs Association – SARDA [1987], Mayo [1989]

From the outset MRI was fundamentally a representative body; essentially a cooperative federation of its constituent teams. Some have cogently argued that it should be a governing body but each team defends its autonomy robustly on the grounds that a strong independent local presence can best guarantee its response to the casualty on the hill. This is but one of the internal paradoxical

dynamics at play. Chief among them has been the often unmet need for additional resources and the difficulty of dealing with the multiple state agencies that incrementally and often reluctantly empower voluntary rescue agencies.

MRI teams are tasked by the Gardaí who are part of the Dept of Justice; this department has no rescue funding role. In the early years funding came from the Dept of Education but it later came from the Dept of the Environment. Along the way, among others, Health boards, Vocational Education Committees, the Dept of Industry and Commerce, the Dept of Posts and Telegraphs and the Department of Community, Equality and Gaeltacht Affairs, the Dept of Transport Tourism and Sport, Civil Defense and the Coast Guard featured. Liaison with civil and service authorities in itself could take as much voluntary energy as actual rescue; to some extent mountain rescue is politically orphaned in the South but less so in the North, which is of course a separate political jurisdiction bringing additional liaison demands.



Despite - rather than because of - this political landscape, itself as challenging as the most complex mountain range, MRI can point to fifty years of solid achievement. Public funding was to some degree regularised in 1983 with the setting up of the National Coordinating Committee for Mountain and Cave Rescue [NCCMCR]. Mountain rescue became part of the 999 / 112 rapid response repertoire in 1986 and was granted a dedicated mountain rescue radio frequency. An insurance grant was achieved in



Mountain Rescue Ireland - 50 Years



recent years but this is still not on anything like a sustainable footing.

MRI have developed a comprehensive training programme – some elements of which are now used externally - in addition it has also built a comprehensive peer review system with external independent assessors in place. Recently a one off government grant permitted the purchase of seven new vehicles with voluntary cofounding from the respective teams. The greatest achievement is immeasurable; the saving of lives that were beyond the reach of other civil rescue agencies.

Along the way the helicopter rescue service has changed and contributed beyond recognition - the Coast Guard Sikorsky S92 fleet and the Air Corps Agusta Westland and Eurocopter models make a contribution unimagined fifty years ago. The unpredictable nature of Irish weather still dictates the need for human muscle. The mobile phone has also changed the face of mountain rescue, in that most rescue alerts are raised in real time - running down the hill to find a phone is no longer necessary; assuming that a signal is available & the battery is charged. The same mobile phone can also be used to pinpoint the location of the disorientated.

Yet, paradoxically, many mountain incidences result from an overreliance on electronic aids; aids that have eroded

the old ethic of personal skill and self reliance in the hills. That ethic of skilled self reliance still survives in the core value at the heart of mountain rescue - trained voluntary enthusiasts making their expertise freely available to fellow enthusiasts in need - a form of communal self reliance. This has been and remains at the core of MRI's endeavours.

Much remains to be achieved - the NCCMCR is now 33 years in existence and may not be the optimal mechanism for addressing the needs of mountain rescue in a modern age. The issue of adequately insuring the volunteer - in what can be a hazardous environment - needs to be placed in a sustainable context. The political orphans need to be embraced by Civil Servants; they will always be slow to sign over funding to independent groups that apparently resist central control or easy categorisation - no matter how noble a foundation that that apparent resistance is built upon.

MRI affiliated to ICAR in 1995 and is this year hosting ICAR's annual conference. This is a significant honour for MRI; it marks fifty years of proud progress and achievement in Ireland. Many of the rescue techniques used by MRI were initially perfected in the Alpine ranges; it is fitting that MRI welcomes you all to Killarney in 2015 – MRI are happily paying a debt of gratitude.





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Conference Programme



Tuesday 13th October

Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
14.00 - 19.30	Registration				
19.00 - 19.30	Briefing for the Practical Workshop (Pre-Conference Day)				

Wednesday 14th October

Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
08.15 - 18.00	Practical Workshop on Terrestrial Rescue (Pre-Conference Day)				Sub-Commission Prevention Workshop (P.O.Wikberg SMSC)
08.00-18.00	Registration				
19.00 - 19.30	Opening of the Conference				
20.00-22.30	Dinner - Brehon Hotel				



Conference Programme

Thursday 15th October



Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
08.00-08.30	Assembly of Delegates of the Terrestrial Rescue Commission	Assembly of Delegates of the Avalanche Rescue Commission / Welcome / Meeting program / President's report / Avalanche Accidents reports	Welcome and Presentation of New Members Incidents / Accidents (all)	Welcome / Meeting Program / Minutes 2015 Spring Meeting / President's Report / Financial Report Papers in Preparation: Multi Casualty Incidents in the Mountains and Remote Areas (all)	Dog-Handlers Annual Workshop (M.Meier ARS)
08.30-09.00					
09.00-09.30					
09.30-10.00	Positive and Negative Aspects of the Mountain Rescue Service Operational Management (I.Ziak HZS, J.Janiga HZS)	Definition of future accident data collection (D.Atkins RECCO, M.Genswein)			
10.00 - 10.30 Coffee Break					
10.30 - 11.00	Key Note Speech Prevention - Human Factors, Decision making (Prevention Group) > AVA joins TER		US Report (C.Ping MRA)	Papers in Preparation: Multi Casualty Incidents in the Mountains and Remote Areas (all)	Dog-Handlers Annual Workshop (M.Meier ARS)
11.00 - 11.30			Rocket Route Planning (K.Burtscher OeAMTC)		
11.30 - 12.00	Comparison of sharp edge testing between Two-Tension Rope Systems and Single Mainline with Dedicated Safety Line techniques, and how this affects Human Factors (K.Mauthner PC)	Backcountry Zero in the Teton (S.Thomas TCSRF)	Drone / EASA JARUS (P.Fauchère OCVS)		
12.00 - 14.00 Lunch					

Conference Programme



Thursday 15th October

Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
14.00 - 14.30	Germanwings Accident (J.Loriette GSM, M.Alemonte GSM, L.Legoff GSM, F.Petitjean GSM) > AVA/AIR join TER			Papers in Preparation: Multi Casualty Incidents in the Mountains and Remote Areas (M.Blancher ANMSM, F.Elsensohn ÖBRD)	Dog-Handlers Annual Workshop (M.Meier ARS)
14.30 - 15.00					
15.00 - 15.30					
15.30 - 16.00	Coffee Break				
16.00 - 16.30	Scoop and Run Evacuation Procedure (M.Genswein) > AVA/AIR join TER			Papers in Preparation: Evidence based Recommendations for Canyoning Rescue (I.Soteras HDC, G.Strappazon CNSAS)	Dog-Handlers Annual Workshop (M.Meier ARS)
16.30 - 17.00	EASA CS-CM-005 Zertifizierung (E.Ragoni Airwork) > AIR joins TER	Avalanche Transceivers test 2015 (M. Biskupic HZS)	EASA CS-CM-005 Zertifizierung (E.Ragoni Airwork) > AIR joins TER		
17.00 - 17.30	G7 Summit Preparation (N.Klever BWB)	Slalom Probing feedback season 14-15 / Recommendation? (M.Genswein, F.Jarry ANENA)	Next Year's Topics and Rebtech Update (P.Fauchère OCVS)		
18.00 - 19.00					ICAR Executive Board Meeting
19.00 - 21.00	Dinner - Brehon Hotel				

Conference Programme

Friday 16th October

Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
08.00 - 08.30	Two Tensioned Systems (D.Clarke MRA, J.Myers MRA)	Recommendation "Be Searchable" (D.Letang ANENA, M.Genswein)	Workshop: HEC-HHO	Papers in Preparation: Avalanche Checklist - Developing a Network / Dissemination of Checklist (A.Kottmann ARS)	
08.30 - 09.00	The Use of Dyneema Ropes in Tatra (TOPR)	Avalanche probes and shovels standard (M.Genswein)			
09.00 - 09.30	Smartphones as Support for Out-of Bounds Skier Decisions (P.O.Wikberg SMSC)				
09.30 - 10.00	Strategies of Small Team Leadership and Decision Making in Remote Areas (M.Amlert SPMR)				
10.00 - 10.30	Coffee Break				
10.30 - 11.00	BSAR Peer Support (R.Head ASV)		Workshop: Communication Air to Ground	Experience in the Khumbu Region after 2015 Nepal Earthquake 2015 (K.Zafren MRA) / Mountain Medicine App (A.Nerin CUEMUM) / Non-invasive Thermometry in Deep Hypothermia (S.C.Skaiaa NFS) / Quality of Continuous Cardiopulmonary Resuscitation during Terrestrial Mountain Rescue - Comparison between Manual and Mechanical Chest Compressions (S.C.Skaiaa NFS) / Fatal Casualties in the Swiss Mountains - a Comparison (C.Schoen)	
11.00 - 11.30	Successful Resuscitation (TOPR)				
11.30 - 12.00	Nepal Earthquake - Private relief efforts and problems of organizations (B.Jelk OCVS)				
12.00 - 14.00	Lunch				



Conference Programme



Friday 16th October

Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
14.00 - 14.30	Human Errors (S.Lofgren MRA)		Debriefing of Workshops	2016 ICAR MEDCOM Spring Meeting in Cape Town (R.de Decker WSAR) / 2016 ISMM World Congress (Program for Rescue Day) / 2016 ICAR Assembly of Delegates / 2016 ICAR MEDCOM Fall Meeting	
14.30 - 15.00	Suicide Missions (T.Wood MRA)				
15.00 -15.30	Avalanche Forecasting for Safe Travel in the Backcountry - the 5 Step Checklist (M.Wiegele CSGI)				
16.00 - 22.00	Local Mountain Rescue Ireland Event / Informal Irish Night at Kate Kearney's Cottage				

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Absolute alpine.

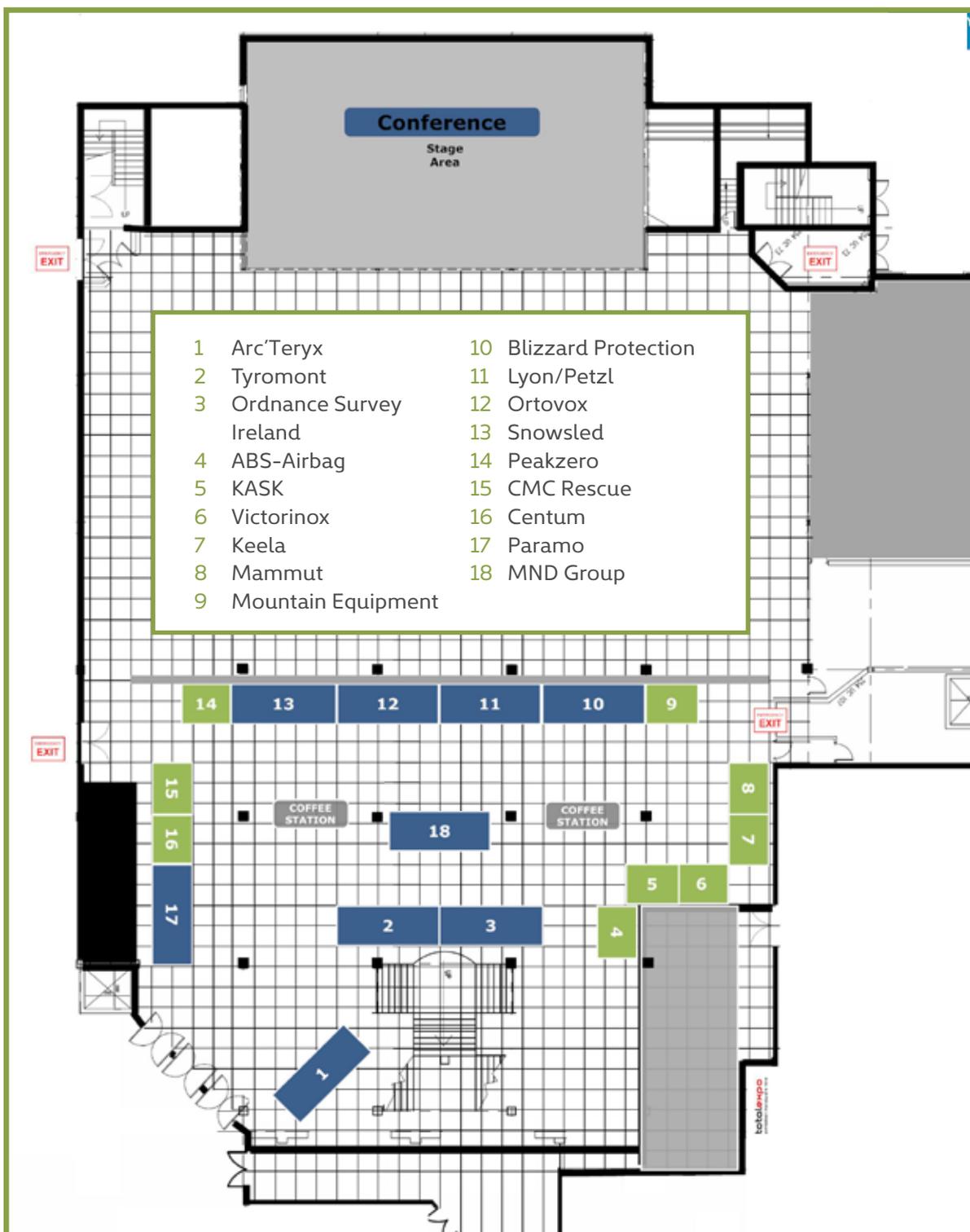
Conference Programme

Saturday 17th October

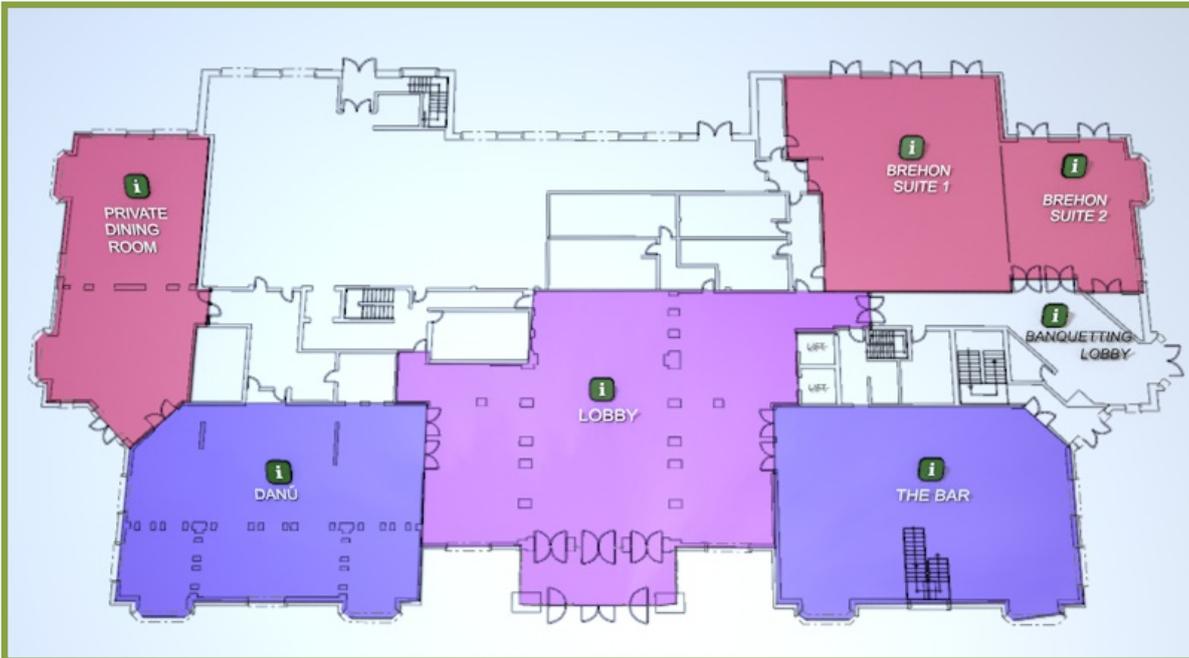


Time	Terrestrial Commission	Avalanche Commission	Air Rescue Commission	Medical Commission	Sub Commissions
08.00-08.20	Multi-victim avalanche (R.Richard OCVS, G.Zenruffinen OCVS, P.Fauchère OCVS)				
08.20-08.40	Multi-Victim Col Emile Pic (F.Albasini GSM, F.Jarry ANENA)				
08.40-09.00	Avalanche Airbags Efficiency (G.Darms SLF)				
09.00 -09.30	European Resuscitation Council ERC: Update in Medical Treatment of Avalanche Victims (H.Brugger EURAC) / Update in Results of the Avalanche Resuscitation Checklist (A.Kottmann ARS)				
09.30-10.00	Rescue Mission Riesending Cave (N.Klever BWB)				
10.00 - 10.30	Coffee Break				
10.30 - 10.45	Mount Ontake Volcano Eruption in Japan 2014 (K.Oshiro JSMM)				
10.45 - 11.15	Intermittent CPR (J.Ellerton MREW) / First Aid Kit for Alpinists, Rescuers, Guides and Physicians (O.Reisten OCVS)				
11.15 - 11.45	Reek Sunday (Mary Walsh MRI)				
11.45 - 12.00	Recommendation Coordination (all Commissions)				
12.00 -14.00	Lunch				
13.00 - 14.00					ICAR Executive Board Meeting
14.00 - 14.20	Debriefing of the Practical Workshop (Pre-Conference Day)				
14.20 - 14.35	Annual Report of the Medical Commission				
14.35 - 14.50	Annual Report of Terrestrial Rescue Commission				
14.50 - 15.05	Annual Report of Avalanche Rescue Commission				
15.05 - 15.20	Annual Report of Air Rescue Commission				
15.20 - 15.30	Annual Report of the Sub-Commissions Prevention and Dog-Handlers				
15.30 - 16.00	Coffee Break				
16.00 - 18.00	67th ICAR Assembly of Delegates				
18.00 - 19.00	Mandatory Logistical Break				
19.00 -22.00	Gala Dinner at the Convention Centre Ballroom				

Exhibitor Floor Plan



Complex Map



Brehon Ground Floor



Brehon Complex Map

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ICAR

CONGRESS

Killarney, Ireland

13-17th October 2015

HOSTED BY



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