



Kootenay Mountaineer

2009

Issue 1

Next deadline: March 21st

The KMC Newsletter

Jan-Feb

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Workshop Report: Annual Winter Leaders Workshop

Comments on the Proposed Zoa Ski Resort

Lesley Bohm in Cloudburst, Dec. 2008

I hope this is not the last year we can ski Zoa! About ten years ago a Forest Ministry brokered agreement was reached with the snowmobilers to share the Zoa recreation area. Snowmobilers were to use Pipeline Road and other roads in the Coldwater drainage and leave Zoa Peak for backcountry ski use. This agreement has worked well for many years, one of the few that has, unlike the Sea to Sky. Now, a downhill ski developer, who previously wanted to build in Juliet Creek, has moved south to the Coldwater, and all the way to the highway, proposing, among other things, a lift up Zoa Peak.

This development would completely destroy the wilderness attributes of Zoa, which we cherish so dearly. The Federation expressed little concern over the Juliet Creek proposal, but we are dead set against a lift up Zoa and the

repositioned ski development. This would result in the loss of one of the few remaining motor-free backcountry ski areas within reach of Vancouver.

Reasons for not building a ski resort at Coquihalla are:

- the ski industry has reached saturation if Revelstoke is already in receivership;
- the Coldwater River is seriously lacking in water for massive development;
- there is no reason nowadays to replace a remote, non-motorized backcountry ski use area with an energy intensive downhill ski development.

If development can only profit by selling condos and then has financial problems, as at Hemlock Mountain, whereby the condos are stranded with no facilities, why do it again? The "jobs" may be short lived.

Please write to:

Stan Hagen

Minister of Agriculture and Lands

AL.Min@gov.bc.ca

Barry Penner

Minister of Environment

ENV.minister@gov.bc.ca

Bill Bennett

Minister of Tourism, Culture and the Arts

TSA.min@gov.bc.ca

Following info submitted by Don Lyon

Golden ice climbs - parking ban

Almost the entire Kicking Horse Canyon just east of Golden, BC was recently

designated as an avalanche area. The canyon, containing the famous ice climbs Essondale Left and Right, Pretty Nuts, Lady Killer and more is now a no stopping zone - which means no parking. The nearest parking area is six kilometres up the Trans-Canada Highway - not an ideal road for a stroll with your ice gear. Tourism Golden is collecting opinions on this closure in the hopes that "if we are able to come as one big voice and that voice is significant we might be able to find some solutions for future ice climbing in the Canyon."

Visit their website at

<https://admin.alpineclubofcanada.ca/link/to/825-70169-37-02>

Wisegoat.ca

Wisegoat.ca is a website provided by a number of backcountry lodges located in British Columbia. Wisegoat.ca is dedicated to sharing weather and snowpack information to benefit these lodges and the backcountry winter recreation community. If you are heading into a backcountry lodge in BC this winter, you will likely find this information useful for planning and enjoying backcountry travel. To find out more, go to

<https://admin.alpineclubofcanada.ca/link/to/856-70169-38-02>

Putting a price on the backcountry:

Search and Rescue opposed to fines for people who need rescuing

By Andrew Mitchell in Pique's Online edition Published 2009-01-21 at

http://www.piquenewsmagazine.com/pique/index.php?cat=C_Features&content=Feature+1604

Mountain School Tech Tips: Organizing a Group Avalanche Rescue

So, here we are in early winter, with an inherently unstable snowpack that could (literally) avalanche to ground at any time. Prevention, as the old saw goes, is definitely better than cure, but should or your party get caught in an avalanche this year, knowing how to quickly and effectively turn your group into a rescue team is another of those skills that backcountry travelers need to master.

Below is one method (courtesy of Howie Ridge at the December 2008 Winter Leaders workshop) that you can use to organize your travel group into a rescue team.

Select a leader.

The leader should then, quickly:

1. Determine last seen point.
2. Evaluate risk of further slides.
3. Establish and communicate to team members the safe location and route to reach safe location.
4. Appoint a spotter if sufficient manpower, otherwise leader is spotter.
5. Break the party into subgroups if sufficient manpower. One method is to break the party into groups of two or three. The person with the best search skills does the transceiver search, the other one or two people follow behind with probes and shovels.
6. Divide search area into segments and assign one group of two to three to each segment – if sufficient manpower.
7. Instruct probers to probe likely areas, uphill sides of trees, large piles of debris, etc.
3. All individuals switch beacons to receive, on lowest volume if not an assigned beacon searcher. With new avalanche beacons some transceivers will emit beeping sound that can not be shut off. If this is interfering with the ability of the assigned beacon searcher, the unit should be completely switched off.
4. Leader instruct the spotter (if not leader) to shout REALLY loudly if further avalanche activity is noted, and searchers are instructed to switch to transmit then run to safe zone following proscribed route.
5. Begin appropriate search techniques, beacons searchers with beacons, probers and shovelers looking for signs of abandoned equipment, boots, etc. and probing likely areas.
6. Once signal is pinpointed, probe using normal spiral method. When you get a strike, leave the probe in situ.
7. Begin digging using the V conveyor belt method (see December 2008 KMC newsletter).
8. When you reach the victim, follow ABC's of first aid.
9. Do not eat, spit, urinate or in any other way contaminate debris field in case rescue dogs need to be called in.

NOTICE

In February the executive will introduce an updated waiver to better protect the club and its members. The new waiver will be used in 2009 for adult non-members attending club trips, for hiking and climbing camp participants, for extended trips and other special events.

It is the trip coordinators responsibility to get participating adult non-members to sign the waiver prior to the start of all trips.

Note: Legally minors cannot sign waivers that will standup in Court.

For the 2010 membership year our plan is to replace the current membership waiver with the new waiver. In conjunction with the new waiver, a new "Trip Registration List" will replace the current Form. The waiver language will be eliminated as it is now felt members will only need to sign the current "Membership Application / Liability Waiver" to attend day trips. On the new Trip Registration List will be space for an emergency contact person and phone number.

As soon as possible the new Waiver and Trip Registration List along with all other trip related documents will be posted on the KMC Website at www.kootenaymountaineering.bc.ca as a group of documents relevant to Club Trips.

For the Executive,
Dave Watson, Director Winter Trips

The Measure of The North's Great Mountains

From the Alaska Science Forum , November 12, 2008 Article #1933

by Ned Rozell

This column is provided as a public service by the Geophysical Institute, University of Alaska Fairbanks, in cooperation with the UAF research community. Ned Rozell is a science writer at the institute.

In 2007, Sandy Zirnheld flew the length of Hubbard Glacier with pilot Paul Claus, using a laser altimetry system to see how much the glacier had thinned in the last few years. After a successful flight along Hubbard Glacier, Claus suggested they fly over Mt. Logan on their way back to his landing strip in the Wrangell Mountains.

As they flew over Canada's highest mountain, Zirnheld, a research technician with UAF's Geophysical Institute, operated a laser-range finding unit mounted in the belly of Claus's Super Otter. They flew over the summit twice, recording the mountain's elevation as 19,574 feet.

Their measurement is 276 feet lower than the number appearing on most maps, and 23 feet higher than the height of the mountain determined by Michael Schmidt and a team of Canadian climbers during a 1992 expedition.

Zirnheld's measurement was part of a campaign of opportunity to measure high peaks by Chris Larsen of the Geophysical Institute. Larsen has teamed with Claus, who helps him repeat elevation measurements on Alaska and Canada glaciers pioneered by Keith Echelmeyer. With a laser system in his Super Cub, Echelmeyer, also of the Geophysical Institute, discovered that Alaska glaciers had shrunk dramatically since the 1950s, when USGS mapmakers drew Alaska maps. When Larsen and Claus have the time and good weather, they fly over high mountains to determine their elevations with the laser-rangefinding system. They started last year by measuring Mt. Marcus Baker in the Chugach Range (13,203 feet compared to the USGS map value of 13,176 feet), and since then have measured Mt. Vancouver (15,763 feet compared the 15,979 feet on the map), Mt. Augusta (13,905 feet compared to the map's 14,070 feet), and the lovely sharp summit of Mt. Saint Elias (18,029 feet compared to the 18,008 feet on maps).

The differences in measurements, sometimes hundreds of feet, could be the result of errors in early surveying. Surveyors working for the International Boundary Commission in the early 1900s measured most of the mountains near the coast in the Wrangell-St. Elias Range, and those readings are what remain on maps today. The surveyors used the state of the art at the time, which began with measurements at sea level and ended with surveyors aiming a theodolite at the tops of peaks to measure angles and calculate height.

This method probably led to accurate measurements of mountains close to the ocean, such as St. Elias, but led to greater errors the farther a surveyor ventured inland, Larsen said.

During the 1992 expedition to the summit of Mount Logan, a team led by Michael Schmidt of the Geological Survey of Canada carried two GPS receivers to the summit of the mountain and measured it at 5,959 meters, or 19,551 feet. Their measurement corrected the original boundary survey team's 1913 measurement of 6,050 meters, or 19,850 feet.

Larsen's team's 2007 measurement has Mount Logan 23 feet higher than what Schmidt measured 15 years before, which Larsen said could be due to accumulation of snow and ice since then.

"Right now, the summit is all snow and ice," Schmidt said over the telephone from Victoria, B.C. "There could have been that much snow accumulation since then, but there's no way to tell. I'd be really surprised if there was seven meters of snow accumulation in that time span, but you never say never."

Schmidt in 1992 established a few GPS survey markers on the mountain for repeat measurements, but he hasn't been able to return. A 2008 climbing team had bad weather when they attempted to duplicate his measurements, he said.

UAF's Larsen said he will pick off more peaks when the opportunities arise, possibly even Mt. McKinley, but he's hoping to find some funding that would enable a project devoted to elevation-truthing of high peaks. A possible climate change scenario is warmer, wetter weather, which would dump loads of snow on mountaintops.

"That could be what's going on with Alaska, and the high peaks would be a perfect place to measure it," he said.

Club Trip Reports

Mt Crowe (actually revised to Mt. Lepsoe), December 13th

Well if Friday the 13th is bad luck, I'm now declaring Saturday the 13th as good luck. We woke to 40 cm. of fresh snow in Rossland. As only four of us had signed up for the ski trip into Lost Cabin on Crowe Mt., we all squeezed into Dave Watson's truck for the ride to the Nancy Greene Summit. We even beat the snowplows out that morning, so got to feel what plowing through deep snow was like.

We quickly decided that we wanted more protection from the trees (shallower snow, less wind), so revised our destination to the Berry Ridge Cabin on Mt. Lepsoe. It was still deep enough that we had to take turns breaking trail; thank goodness for the skins. It was cold with a little bit of a wind, so the real challenge of the day was lighting the stove in the cabin. We couldn't get the chimney hot enough to draw, so the smoke filled the cabin for about 15 minutes. Dave is now thinking of revising the trip waiver form yet again, to include smoke inhalation as one of the possible trip hazards! Once we got the stove going though, ahhhh, heat!

Our ride down was one of those few times that you have to pole downhill to get going.

A good little adventure.

Terry Simpson, Dave Watson, Jill Watson, and Bob McQueen.

Mount Plewman, Turkey Burner, December 26th

The 9 people who went on the traditional KMC Boxing Day Turkey Burner trip were lucky to have a beautiful sunny and clear day between all the snow dumps over the Christmas period. Ample trail breaking opportunities took care of the 'turkey burning' goal of the trip and Bert had the usual chocolate liqueurs to hand out to replenish lost calories. We had two good runs off the east ridge of Mount Plewman despite many early season hazards such as rocks and tree snags hidden by the unconsolidated snow.

We were: Emilee Fanjoy, Andrew Port, Bert Port, Fred Thiessen, Cindy Walker, Matt Walton, Eric White, Joel White, and myself, trip coordinator, Ken Holmes.

High At All Elevations: Touring and Turns off North Beattie and Evening Ridge

The day of my January club trip (January 11, 2009), the avalanche hazard was rated high at all elevations and seemed to trigger more than the usual number of last minute cancellations from participants. But, terrain in the West Kootenays is pretty good; you can almost always, if not always, find somewhere safe to ski if you choose terrain carefully regardless of the rated avalanche hazard.

Not having a big day ahead of us, we met at the latish hour of 8.30 am and drove up to the touring parking area on the Whitewater Road. We skinned up beside the groomed cross-country trails and soon enough were at the old mine site on the north side of Hummingbird Pass and my traditional first snack

stop. Here, Matt surprised us all by slugging back a can of Coke while the rest of us sipped hot tea. Heading north we topped out just to the south of North Beattie, and found evidence of strong W to SW winds that had built lots of snow pillows at the top of the run. Heading a bit north, we avoided the worst of these and within a few turns were into sheltered trees and had a good run down into the west fork of 5 Mile Creek, where we had lunch.

Brandon was keen to explore more of the terrain in this part of the West Arm Provincial Park and Doug and I hate skiing the same run twice so we skinned south towards Hummingbird Pass and then broke trail up to the ridge that runs north from Evening Ridge. Along the way we could see evidence of the large avalanche cycle that ripped many slopes out on the December 6 facet/crust layer and near to ground earlier in the week.

Another recess on the ridge, another can of Coke for Matt, and we were taking our skins off to ski a really nice northeast run back down into the west fork of 5 Mile Creek. At the bottom, time was getting on and energy – despite all the Coke – getting low so we followed our uptrack back towards Hummingbird Pass. Skiing through Hummingbird Pass, we spaced out carefully and it was the eeriest ski I've ever had through there. Both sides of the pass had slid – many of the slopes again sliding to near ground on the December 6 layer, and there were big piles of debris in the bottom of the gully.

A short climb back up and we had a last few turns down through the cross-country area and back to the truck.

Participants: Doug Brown, Brandon Hughes, Joanne Stinson, Matt Walton and coordinator, Sandra McGuinness.

Mt. Lepsoe, January 18th

As we left a foggy chilly Rossland, and were wondering what snow was left in the mountains after the recent warming trend, we broke out into sunshine part way up the highway. Sun always raises the spirits.

Six of us met at the parking lot at the Nancy Greene summit, with skins, sunglasses and smiles, heading up the Seven Summits Trail. On the west side of Lepsoe, the old ski tracks disappeared, so we set a lower line to ski down to, then made our way up the quickly warming snow cover. Pretty soon some of our skins were attached to another 4 - 5 pounds of wet snow, so out came the glop stopper. Onto the summit, we enjoyed a snack in the sun in plus 8 degrees. We forgot the hammock, but may have to add that to our survival gear next time. Looking to the east we could see last week's hike route to Mt. Crowe, with Neptune and Mackie Mountains beyond. Then off in the distance, we could see the beautiful mountains in the Kokanee area.

On our ski down, we actually hit some pretty nice snow, much of it with hoar frost feathers, which will likely be a future layer to worry about. But for our day, the snow was pretty stable and turning in the surface powder was easy. Heading back to the north side of the mountain, we put skins on again to visit the Berry Ridge cabin. A group of five was already there with the fire going, so we were quite a cozy bunch, roasting our sandwiches and chatting it up. Our ski down took a few side trips through the forest for a little adventure skiing.

All in all, a good ski day, with Eva Boehringer, Ken Holmes, Joanne Stinson, Matt Walton, Jill Watson, and Bob McQueen, coordinator.

Workshop Report

Annual Winter Leaders Workshop, December 6th

The 2008 Winter Leaders Workshop was again well attended, and this year, guided by Howie Ridge, who used interactive teaching techniques to cover such topics as why do we need leaders, what makes a good leader, how can leaders best manage a group of participants, and how to organize a group rescue in the event of an avalanche incident.

One of the first group exercises we did involved deciding who should go for help after an accident, and who should be left to die (in this theoretical scenario, one person of a group of seven had to be sent to get help, and one person had to be selected to die as there was insufficient food for seven). This highlighted that leadership sometimes means making hard decisions under time constraints.

There was wide agreement among the group as to the ideal characteristics of a leader, and, by the time we had finished brain-storming, we had a list of at least 30 attributes. Most people seemed to agree that having good communication skills, looking out for the best interests of the group, accepting responsibility, and being well organized were key. Howie emphasized that good leaders give clear and concise directions, are technically skilled for the trip they are undertaking, and are able to make accurate and appropriate analyses of situations that occur on the trip.

One of the more interesting discussions for me was the one about why we need leaders. Often in the KMC we hear lots of talk about people being coordinators not leaders, but among the group, people seemed to agree that having a leader on the

trip is necessary for the safety and enjoyment of the group. Again, Howie presented us with a clear and concise summary (see what a good leader he is!) of the five reasons we need leaders: to organize, evaluate, coordinate, educate and communicate.

One of the big issues on KMC trips that comes up again and again is group management – coincidentally poor group management figures prominently in recreational avalanche accidents. Among the group, we managed to generate a long list of group management techniques that trip leaders can use to increase the safety and enjoyment of the trip for everyone. Key among these tips was staying near the front of the group on the way up while assigning a tail gunner who can deal with any issues that arise, watching the group carefully for red flags (such as people who are struggling to keep up or falling often), setting a steady pace, assigning frequent regroup locations, being prepared to modify the trip, and keeping the group especially close together in poor weather, thick bush, or difficult terrain.

We finished off the day with a talk and practice session on how to organize a group rescue in case of an avalanche but that is fodder for another article...

Participants: Doug Brown, Dave Grant, Ken Holmes, Janice Isaac, Jeff Keith, Kim Kratky, Steve Langley, Bob McQueen, Danièle Montandon, Mary Prothro, P'nina Shames, Terry Simpson, Fred Thiessen, Matt Walton, Dave Watson, Jill Watson. Organizer: Sandra McGuinness - Instructor: Howie Ridge.

The KMC 2009 Executive:		Contacts:
Chair	Doug Brown	<p>► Membership Annual Dues: Individual (19 yrs & up) \$41 Couple/Family \$40+\$6/person Send complete membership/waiver form to KMC Membership 2711 Granite Rd Nelson BC V1L6V3 To receive membership information by e-mail or to give us your address/e-mail/phone changes please contact</p> <p>► Library Sandra McGuinness</p> <p>► To be included in E-mail update Contact</p> <p>► To send E-mail to KMC membership:</p> <p>► KMC President</p> <p>► KMC website www.kootenaymountaineering.bc.ca</p> <p>► Newsletter submissions Eliane/Steven Miros E-mail newsletter@kootenaymountaineering.bc.ca</p> <p>► KMC (Correspondence) Box 3195 Castlegar BC V1N 3H5</p> <p>► Newsletter Editorial Policy: We encourage all submissions of writings, cartoons, drawings, book & website reviews and trip reports. Suitability for publication is at editors discretion. Articles and advertisements may be edited for clarity and length. Advertising must be thought to be of interest to members in regard to the outdoors, especially locally. Will use discretion for commercial endeavors.</p>
Vice	Dave Grant	
Treasurer	Alison Roy	
Secretary	Kay Medland	
Conservation	Kim Kratky	
Winter Trips	Dave Watson	
Summer Trips	Vicki Hart	
Cabins	Graham Jamin	
Equip. +Trails	HansPeter Korn	
Mtnrg. School	Sandra McGuinness	
Hiking Camp	Bill McNally	
Climbing Camp	Stephen Langley	
Website	Norman Truant	
Entertainment	Bryan Reid	
Membership	Bobbie Maras	
Newsletter	Eliane & Steven Miros	

Ski Touring From Whitewater

Whitewater Resort's policy is that ski tourers are prohibited from skinning up their runs for the full duration of their winter operating season. The KMC has met with Whitewater and agreed to an arrangement whereby club members will be permitted to cross Whitewater's operating area. Note that the agreement for passage on the Summit Side is for KMC members only; please be on your best behavior and keep a low profile when you're within the area boundary.

Ski Touring Parking Lot (km 7 of Whitewater access road)

Access to Hummingbird Pass, Evening Ridge, and the west ridge of White Queen will continue unchanged from recent years. The gate on the bridge over Apex Creek will continue to be chained and locked to prevent snowmobile passage, but will be left sufficiently open to allow skiers to pass through. When touring, ski tourers are requested to avoid the groomed cross country trails when practical, and when traveling on the cross country trails, stay to the side and out of the trackset tracks.

Silver King Side

A route on the west side of the Silver King side has been defined for access to the White Queen ridgeline above the Silver King chairlift. This route may be used by anyone, at any time of day, and it is not necessary to notify Whitewater prior to traveling this route. The route specifics are:

Park at the far west end of the Nordic Parking Lot. From the NW end of the lot, skin in a NW direction making a gentle climb, staying below the cat road, until west of the big switchback in the cat road (this is where the run "Silver King Skiway" becomes "Quartz Skiway"). From here, switchback up through glades until about level with the top of the run "Canadian Belle". Finally, follow a rising traverse to the east above the upper cat road and eventually to the fire brake road cut just below ridgeline. See the map below.

Summit Side

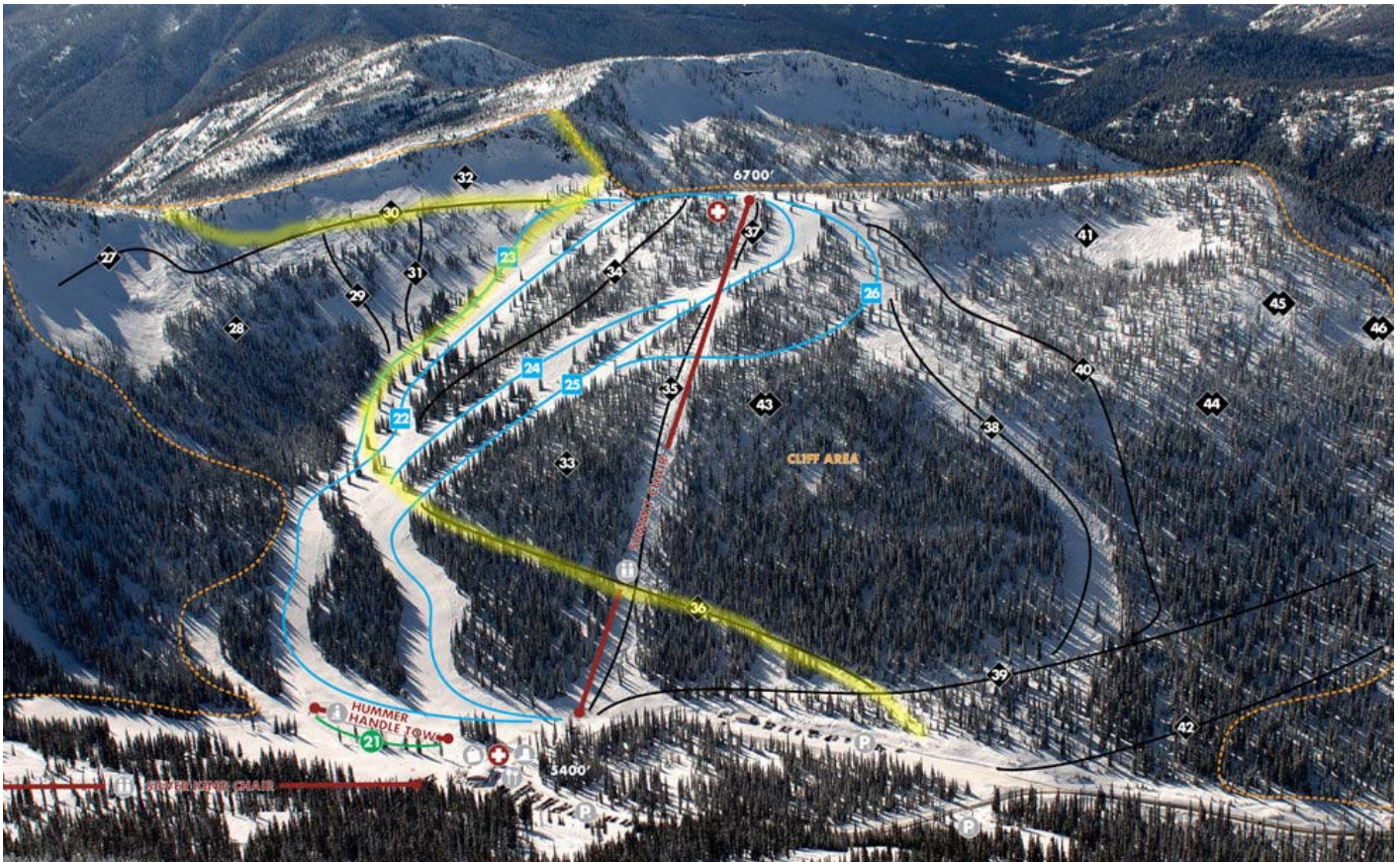
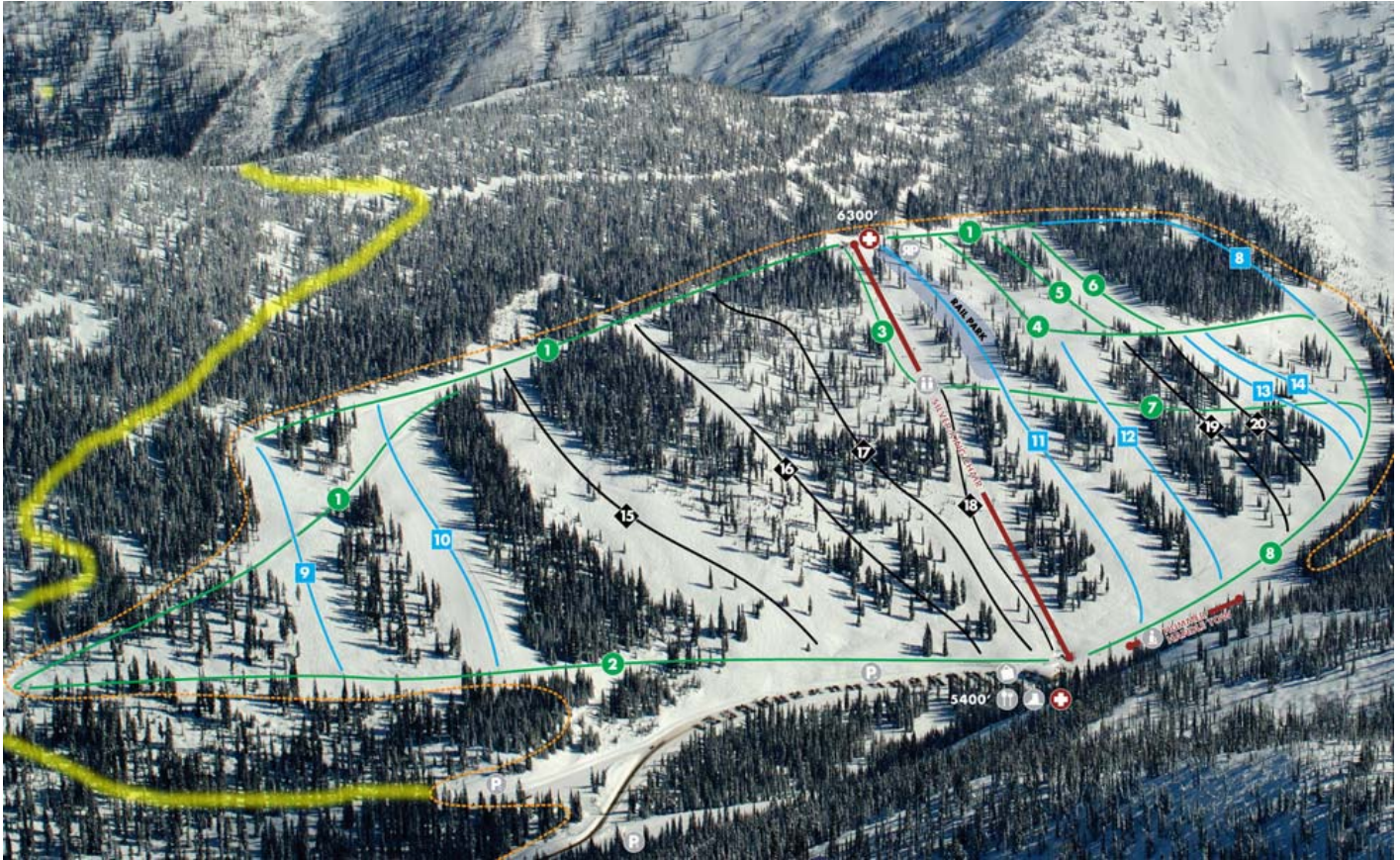
On the Summit Side, Whitewater has agreed to allow KMC members to skin up a specified route within their area boundary subject to certain conditions:

1. Park in the "Maintenance" parking lot (Lot #2) or in the Nordic Lot as for Silver King. If you are planning to be out overnight, then park in the Nordic Lot.
2. From the west end of the maintenance lot, skin up the Blast Skiway, which takes a rising traverse from right to left. Continue past the end of Blast Skiway to Motherload and skin up Motherload and then take a left and climb up Blaster's Ridge (spur ridge up to the main Ymir ridgeline). See the map below. If the Catch Basin Skiway is open, it is acceptable to take it east toward Catch Basin, and then gain the ridge near its low point. **If the Catch Basin Skiway is closed, do not take this route.** Ropes and signs will make it obvious it is closed if that's the case.
3. At the top of Motherload, the route up Blaster's Ridge may be closed due to blasting for avalanche control. It is a federal offense to cross the fence line if this route is closed, and you will be in a world of trouble if you do so. If snow or high wind is expected, this route is often closed the night before, so an early start will not help you. If there has been high winds or even a moderate amount of new snow, it is best to avoid the Summit Side skin route until you know Catch Basin has been opened.
4. You must be out of the ski area boundary by 8:30 am at the very latest.
5. You must notify Whitewater of your intent to skin up the Summit Side by 3:00 pm on the day before. You are to notify Whitewater by sending an email to kmc.wh2o@kootenaymountaineering.bc.ca requesting clearance to skin up the Summit Side. In the email, note that you are a KMC member, and mention the number of skiers expected in your group. You must get a response from Whitewater before proceeding; **if you don't receive an affirmative response, don't go.**
6. No dogs. No exceptions.
7. Except in the event of a bona fide emergency, do not descend the ski hill until after 10:00 am.
8. Be alert for approaching grooming machines and snowmobiles, and be aware that visibility from the groomer's cab can be very limited due to billowing snow.
9. Be very alert for changed conditions when you return at the end of your day. If it has been snowing or blowing, the slopes above Catch Basin and Motherload may have been loaded and avalanche prone, blasting may be underway, and the runs east of Motherload may be closed. If there are no fresh tracks visible in Upper Powder Keg or Catch Basin it is likely closed. Avalanche closure signage is in place for lift-accessed in-bounds terrain, and is **not** intended or positioned to warn backcountry users returning to the resort. If in doubt as to the closure status, return back down Blasters ridge to enter the resort at the top of the Motherload run (recommended), or to travel another route that does not enter through a closed avalanche area (i.e. Prospector bowl or West Ymir). Obviously, ski tourers are on their own in terms of hazard assessment – you can not assume that Whitewater has done any avalanche control, so you must evaluate and choose your routes just as you do outside of the ski area boundary.

There is some confusion on what rights WH2O has in regards to restricting public access. In fact, ski tourers have no legal right to skin up their nicely groomed runs. Whitewater has the legal right to control public access to their tenure area, and in the past have had individuals removed by the RCMP.

Whitewater has some legitimate and reasonable concerns regarding ski touring in their ski area, but to their credit, they are trying to accommodate the ski touring community within the KMC. In order for this agreement to work, it is important that we abide by the conditions agreed to by the KMC and Whitewater.

I would like to thank Kim Kratky for his assistance in meeting with the new Whitewater management. If you have any questions, please contact me, Doug Brown at. Happy skiing, Doug.
See route maps below.



Executive Notes



We would like to thank the following new executive members for helping out. Alison Roy has offered to take on the position of Treasurer. Graham Jamin has come forward to do Cabins. HansPeter Korn will do Equipment & Trails.

Waivers- There is wording inconsistency between the waivers used in club activities. Need to have one set of language throughout such as what BCMC uses. The group discussed the list of possible hazards on the BCMC waiver. The BCMC waiver is based on Whistler Ski Resort and it has stood up to several tests. The KMC will adopt the format and content of the BCMC waiver as the one and only KMC waiver. This will become effective in 2010. The KMC waiver will be made available on the KMC website for non-members to sign prior to any trip they attend. Waiver type language will be removed from the trip registration list. More research needs to be done regarding liability and minors.

The Emergency Event Guidelines will be sent to trip leaders. It will be posted on the website and is a good info paper to have in your pack. It is included in this newsletter.

Communication- Satellite phones were discussed with respect to lack of communication available for use by leaders for multi-day trips. The idea of purchasing a sat phone for use during hiking camp and then making it available for rent to club members going on multi-day trips will be explored.

Info Kit For Trip Leaders-There is a need to develop an information kit for trip leaders that will contain tools that they need to coordinate a trip. At the moment this kit will only include the Trip Registration List and a copy of the waiver but this will be expanded upon over time. The kit also needs to include information on the benefits of renting a sat phone and also on bringing FSRs on trips. The Trip Plan Document is tabled until the Leader Kit is further developed.

Social Events Calendar – Club members in general do not seem warm to club

socials. There were discussions on: 1) Inviting the public to a social event to promote the club i.e. a film night or slide show night. 2) Updating the KMC pamphlet so that it can be displayed at Valhalla Pure and provided to the Welcome Wagon.

COMMITTEE REPORTS

Winter Trips – We want members to lead trips. Please come forward and initiate Winter and Summer Trips. Short notice trips are okay as well.

Climbing Camp – The site for this year's camp will be the Pantheon Range; it has a good mix of alpine rock and snow slogs. Set for the last week in July by it is not yet confirmed which last week as of yet. There may be a rock climbing trip scheduled at Red Rock, Nevada over Easter.

Web Page – The executive group email has already been updated and pictures on the website will be updated very soon.

Newsletter – The paper copy newsletter will be sent out the first week in February. We still do not have a breakdown as to email or paper copy numbers as most club memberships are not renewed yet, as usual. Eliane would like someone else to be newsletter editor next year so we need to start our search for her replacement. The email format has huge potential for someone wishing to use his or her computer skills.

Summer Trips – Hiking will begin in April. Vicki will start organizing the schedule in March and will begin contacting people to lead trips at that time.

Equipment & Trails - Hans will start working on the trails in April. KMC ice axes can be rented; in Nelson, contact Don Harasym, in Trail: Eric Ackerman, in Castlegar: Al & Pat Shepard.

Cabins – The transfer of duties from Sandra to Graham has already begun. Sandra is still currently covering the web bookings which have been slow this year due to the snow conditions.

Conservation – The club will donate \$1000 to the Valhalla Mile.

AN EXHIBIT ON KOKANEE GLACIER PROVINCIAL PARK

opens at Touchstones Nelson on January 24th.

There are some great pictures, some with old KMCers, restoration of Slochan Chief, construction of Kokanee's new lodge plus Silver Spray etc. etc.

For those who still don't know, Touchstones Nelson occupies the former Nelson City Hall, at Ward & Vernon Streets.

Touchstones Nelson: Museum of Art & History winter hours are Tues to Sat 10 - 5; Sunday 12 - 4, closed Monday.

Touchstones is also open Thursdays 5pm - 8 pm 'by donation'

Kokanee Essential – Mountain High: A Photo-Based History of Kokanee Glacier Provincial Park

January 24—March 8

Guest Curated by Ian Fraser; loaned by the Langham Cultural Centre, Kaslo.

Established as a provincial park in 1922, Kokanee Glacier Park is one of the oldest in the provincial parks system.

Well known for its recreational appeal, including a stint as the summer training ground for Canada's national ski team, Kokanee encompasses over 32,000 hectares of glaciers, mountain peaks, basin lakes, rushing creeks and alpine meadows. An all season attraction, the extensive history of the park is highlighted through archival photographs from a number of public and private collections including images from the Shawn Lamb Archives.

Calling Cooks
for Hiking Camp
2009
Contact Joan Harvey -

KMC Financial Statements:

	Oct '07 - Sep 08	Oct '06 - Sep 07
Income		
4010 · Membership Dues (Membership Dues)	9,683.47	9,996.84
4020 · Climbing Camp Income (Climbing Camp Income)	4,737.44	4,030.00
4040 · Ski Camp Income (Ski Camp Income)	9,396.00	9,300.00
4060 · Donations (Donations)	0.00	400.00
4080 · Interest Income (Interest Income)	324.05	367.40
4100 · Other Revenue (Other Revenue)	140.00	115.00
4110 · Huts (paypal) Income	3,239.95	0.00
Total Income	27,520.91	24,209.24
Expense		
5010 · Newsletter Expenses (Newsletter Expenses)	2,826.24	3,104.17
5020 · Climbing Camp Expenses (Climbing Camp Expenses)	4,737.44	4,030.00
5030 · Mountaineering School Expenses (Mountaineering School Expense)	184.70	0.00
5040 · Ski Camp Expenses (Ski Camp Expenses)	11,400.24	9,300.48
5050 · Conservation Committee (Conservation Committee)	0.00	209.95
5055 · Indoor Climbing Gym Expense (Indoor Climbing Gym Expense)	0.00	-11.90
5080 · Huts & Trails Expenses (Huts & Trails Expenses)	2,388.09	330.16
5090 · Library Expenses (Library Expenses)	2.70	178.59
5100 · Social Expenses (Social Expenses)	167.41	462.41
5110 · Federation of Mt. Clubs Fees (Federation of Mt. Clubs Fees)	2,580.00	3,420.00
5120 · Fed of Mt Clubs-Insurance (Fed of Mt Clubs-Insurance)	1,470.00	1,998.00
5200 · Administration Expenses (Administration Expenses)	306.71	618.79
5220 · Bank Charges (Bank Charges)	14.72	0.96
5230 · Registrar of Companies (Registrar of Companies)	25.00	40.00
5250 · Website Expenses (Website Expenses)	15.00	0.00
5260 · Climbing Passes (Climbing Passes Preurchased)	-88.00	174.90
Total Expense	26,030.25	23,856.51
Net Income	1,490.66	352.73

	Sep 30, 08	Sep 30, 07
ASSETS		
Current Assets		
Other Current Assets		
1060 · Bank of Montreal Chequing (Bank of Montreal Chequing)	5,622.15	8,384.83
1100 · Bank of Montreal GIC (Bank of Montreal GIC)	8,513.57	9,161.09
1140 · Bank of Montreal Term Dep	5,000.00	0.00
1240 · Interest Receivable (Interest Receivable)	133.92	233.06
Total Other Current Assets	19,269.64	17,778.98
Total Current Assets	19,269.64	17,778.98
TOTAL ASSETS	19,269.64	17,778.98
LIABILITIES & EQUITY		
Equity		
3010 · General Equity (General Equity)	12,542.76	13,064.36
3020 · Reserve - Hiking Camp (Reserve - Hiking Camp)	2,417.12	2,417.12
3030 · Reserve - Climbing Camp (Reserve - Climbing Camp)	283.70	283.70
3040 · Reserve - Huts & Trails (Reserve - Huts & Trails)	2,295.40	1,445.40
3050 · Reserve - Environmental (Reserve - Environmental)	240.00	240.00
3900 · Retained Earnings	0.00	-24.33
Net Income	1,490.66	352.73
Total Equity	19,269.64	17,778.98
TOTAL LIABILITIES & EQUITY	19,269.64	17,778.98



KMC Winter Trips Schedule - 2008-2009

Winter trip ratings:

Ski and snowshoe trip effort rating:

- A – Easy (a short day, little elevation gain)
- B – Fairly easy (a longer day or moderate elevation gain)
- C – Average (a full day, reasonable level of fitness required)
- D – Strenuous (a long day, lots of elevation gain)
- E – Strenuous (a multi-day tour)

Ski trip difficulty rating:

- 1 – Track Skiing
- 2 – Off-track touring (cross country touring skis)
- 3 – Moderate back-country skiing (telemark, light touring or alpine touring skis with skins required)
- 4 – Advanced back country skiing (intermediate to advanced telemark or alpine touring skiing. Steep slopes and/or difficult route finding)

Schedule Notes:

- 1) **ATES means avalanche terrain exposure scale as per the Canadian Avalanche association guidelines.**
- 2) **Coordinators and participants are also encouraged to check the avalanche forecast at www.avalanche.ca**
- 3) **Tours in challenging or complex terrain will be limited to 8 participants. Exceptions considered.**
- 4) **The type of trip is designated “ski” or “s-shoe” (snowshoe) after the trip date.**
- 5) **Monthly schedules will be updated and issued in the middle of the previous month.**

<u>Date</u>	<u>Destination</u>	<u>Rating</u>	<u>ATES</u>	<u>Coordinator / Phone</u>	<u>Limit</u>
<u>Feb. 2009</u>					
1 Sun (ski)	Nancy Greene Summit Area	C3	Challenging	Dave Watson	Max 8
7 Sat (ski)	Qua Peak	D3	Complex	Doug Brown	Max 8
8 Sun (Snowshoe)	Kokanee Park (Snowshoe)	C		Brandon Hughes	
8 Sun (ski)	Mt. Crowe/Bear Hollow (XC)	C2	Simple	Jill Watson	Max 8
14 Sat (ski)	Rossland Range	D4	Challenging	Steve Langley	Max 8
15 Sun (ski)	Clearwater-Ymir (XC)	C2	Simple	Sandra McGuinness	
15 Sun (ski)	TBA	B3	Challenging	Eva Boehringer	Max 8
21 Sat (ski)	Moose or Griz Cabin (XC)	B2	Simple	Hazel & Ed Beynon	
22 Sun (Snowshoe)	Mt. Beaty	C	Simple	P'nina Shames	
27 Fri (Snowshoe)	TBA	C	Simple	P'nina Shames	
28 Sat (ski)	Mt. Plewman	D4	Challenging	Bob Bechaud	Max 6
<u>March 2009</u>					
6 Fri	Learn to winter camp (evening session)			Sandra McGuinness	
8 Sun	Kootenay Pass	C4	Challenging	Dave Mitchell	
12 – 16 (ski)	Wapta Ice Fields Traverse	E4	Complex	Steve Langley	Max 8
14 – 15	Learn to winter camp	E3	Simple	Sandra McGuinness	
21 Sat (ski)	Mt. Kirkup	D3	Challenging	Bob McQueen	Max 8
<u>April 2009</u>					
1 Weds (ski)	Planning and Executing a ski traverse		Evening	Sandra McGuinness	Max 6
3-6 (ski)	Bonnington Traverse	E4	Challenging	Sandra McGuinness	Max 6
10 – 13 (ski)	Executing a ski traverse	E4	Challenging	Sandra McGuinness	Max 6
25 Sat (ski)	Mt. Brennan	D4	Challenging	Ken Holmes	Max 8