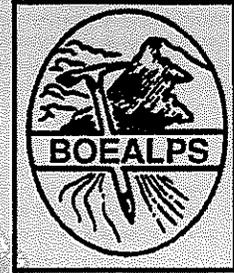


ALPINE ECHO

January 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	0P-04	717-0025	Education	Ken Johnson	0U-31	266-7659
			christopher.c.rudesill@boeing.com				ken.johnson@boeing.com
Vice President	Len Kannapell	4E-69	655-8268	Equipment South	Mike Jacobsen	3E-59	657-1438
			apslpk@pony6.express.ds.boeing.com	Central	Silas Wild		527-9453
Treasurer	Ed Alejandro	7A-26	865-2217				silaswild@yahoo.com
			ed.alejandros@boeing.com	North	Andy Roth	0U-48	342-1308
Secretary	Ilan Angwin	06-03	266-9038	East	Kelly McGuckin	0P-AE	294-8067
			ilan.g.angwin@boeing.com	Librarian	Brian Kenison	2T-40	544-0545
Past President	Dan Costello	0A-05	717-4495				brian.w.kenison@boeing.com
			daniel.m.costello@boeing.com	Membership	Elaine Worden	6H-CJ	965-0049
Activities	Rich Baldwin	2H-30	544-7580				elaine.worden@boeing.com
			richard.f.baldwin@boeing.com	Photographer	Shawn Paré	0J-TJ	342-7134
Conservation	Vera Trainer		522-7022				shawn.m.pare@boeing.com
			Vera.L.Trainer@noaa.gov	Programs	Eric Bennett	03-92	294-2530
	Katy Rusho		367-8763				eric.r.bennett@boeing.com
			katyr@pmiseattle.com	Homepage Editor	Rob James		rob.james@gecm.com
Echo Editor	Mark Hicks		294-0588	BCAG Recreation	Jake Davis	0F-KA	342-8369
			mark.a.hicks@boeing.com				
				Home Page	http://www.accessone.com/~boealps		

Photo: Climbers on the Snow Dome, approaching Mt. Olympus, by Shawn Paré

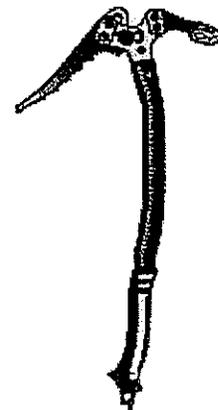
From Elaine Worden 6H-CJ



New Year's Show

Len Kannapell - NE Face of Mt. Redoubt
Andy Roth - The Tetons & Liberty Ridge
John Ladan - Climbing from around the world

- **January General Meeting**
- Thursday, January 8th
- Social Half Hour 7:00 PM
- Meeting at 7:30 PM



BELAY STANCE

Basic Class

Janet Oliver is already beginning to put together this year's Basic Class. See the articles and flyer in this issue.

NOTE: The e-mail address for Janet that was published in last months ECHO is no longer in service.

She can be reached at (425) 413-0298

January 30 - February 1 - North Cascades X-Country Ski Trip

Once again, the ski trip has sold out. Congrats to all who signed up in time, we look forward to seeing you there. For those who didn't sign up, you can contact Len Kannapell and see about getting on the waiting list to take advantage of any cancellations that may occur.

Renew, anew for you

Don't forget to renew your membership before the end of the year or you might turn into a pumpkin!

Elaine Worden has supplied us with a fresh membership form in this issue.

This Month

Get ready for January's board minutes from Ilan Angwin and new info on user fees and the Avalanche Hotline by Katy Rusho and Vera Trainer. Ron Fleck, a recent graduate of the Boealps Intermediate Class has also submitted an article on his recent trip to Ecuador (For those who don't know, his guide - Alex Van Steen - is also a Boealps Basic Class graduate of some years ago).

On a more somber note, I would like to call attention to the article on the passing of a young woman named Angela Paez. Angela was a student of the Boealps Intermediate Class of 1997. Though she had to drop out of the class half way through due to a knee injury, she had become a friend to many of us and had hoped to return in 1998 to finish the class. I hope you will all take a moment to remember Angela, and to read the article that follows in the hope that you may find some benefit in the knowledge her trajedy imparts.

Homepage Password

This month's password is still: **HOOD**

From the desk of your editor,



Mark Hicks

FEBRUARY ECHO DEADLINE IS JANUARY 22nd

January 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 New Year's Day	2	3
4	5 1st Quarter	6	7	8  Club Meeting	9	10
11	12 Full Moon 	13	14	15  Board Meeting	16	17
18	19 Martin Luther King, Jr.	20 Last Quarter	21	22  Echo Deadline	23	24
25	26	27	28 New Moon	29	30 	31
						North Cascades X-Country Ski Trip

February 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 X-COUNTRY Ski Trip	2 Groundhog Day	3 1st Quarter	4	5  Club Meeting	6	7
8	9	10	11 Full Moon 	12  Board Meeting Lincoln's Birthday	13	14 Valentine's Day 
15	16 President's Day	17	18	19  Echo Deadline Last Quarter	20	21
22 Washington's Birthday	23	24	25 Ash Wednesday	26 New Moon	27	28

hikes • scrambles • ski trips • climbs

Mount Rainier, Gibraltar Ledges

Weekend is dependent on the weather. A three day trip up the standard winter route via Camp Muir. Basic Class grad (or similar experience) with cold weather gear required. Previous ascent of Rainier or other high peaks a bonus but not required.

When February-March

Contact Eric Bennett
425-294-2530 (W)
M/S: 03-92
eric.r.bennett@boeing.com

Limit Contact

Snoqualmie Mountain

Tired of holding-up this winter, well get out and join me in a winter wonderland adventure. Snowshoeing up Snoqualmie Mountain or Commonwealth Basin. This is a non-technical climb, but winter conditions will be found. Call for more details.

When January 3rd

Contact Katy Rusho
206-256-1263 (W)
katyr@pmiseattle.com

Limit 6

Abiel Peak

Join me for a climb of Abiel Peak, which is located a few miles west of Snoqualmie Pass. This is a non-technical climb, but will require up to eight miles of snowshoeing depending on snow conditions. Requires snowshoes in good condition. Expect winter conditions.

When January 17th

Contact Dave Stephens
425-477-3912 (W)
425-774-1396 (H)
david.a.stephens@boeing.com

Limit Contact

Amabilis Mountain

X-country skiing on Saturday, Jan. 24th, at Amabilis Mt., 10.3 miles east of Snoqualmie Pass. Take exit 63 (Cabin Creek) and park on the south side of I-90 (don't forget your Sno-Park or risk being fined!). This is a 2000 ft. + elevation gain, 8 miles round trip loop, approximately 5 hours total. Meet at the parking lot at 8 am. Note: this is excellent training for the following weekend at the annual Boealps trip to Winthrop.

When January 24th

Contact Len Kannapell
206-655-8268 (W)
APSLPK@pony6.express.ds.boeing.com

Limit Contact

Special Activities Addendum

What: Activities Pizza Party

Where: Round Table Pizza 5111 25th Ave. NE (by University Village)

When: Tuesday, Jan. 13th 7-9 pm

Here's the deal: Boealps provides free pizza, and you provide an activity to put in the ECHO. We'll have the resources (Beckey books, Nelson guidebook, and the Mountaineers' Basic and Intermediate Class guides), maps, and lots of suggestions/free advice, and we'll help you submit an activity to the activity-starved ECHO (though this month was an exception) by the end of the evening. Do it!

Contact: Len Kannapell (206)361-7523 (h)
E-MAIL: apslpk@pony6.express.ds.boeing.com

Submit activities to

Rich Baldwin
206-544-7580 (W)
206-439-1638 (H)
richard.f.baldwin@boeing.com
Mail Stop: 2H-30

Notes from the Activity Chair:

Thank you to everyone who submitted an activity!

Eric, Katy, Dave, Len.

**Get out there and
*CLIMB!!!***



*The Curtain, Ben Nevis
Photo: Mungo Ross*

1998 BOEING EMPLOYEES ALPINE SOCIETY MEMBERSHIP APPLICATION

(Read and complete the waiver on the reverse side of this form. This is required for membership.)

Please print: Name (Last, First, MI) _____ Mail Stop _____ Social Security Number _____
Street Address _____ E-Mail _____
City _____ State _____ Zip Code _____
() _____ () _____
Work Phone _____ Home Phone _____ Age _____

EMPLOYEE MEMBERSHIP (check one)

New Member? Yes / No

- _____ INDIVIDUAL (Boeing Employee or Dependent)
Dues \$10.00
- _____ FAMILY (Boeing Employee and Dependents)
Dues \$15.00
- _____ RETIRED (Retired Boeing Employees, includes Family)
Dues \$5.00

NON-EMPLOYEE MEMBERSHIP (check one)

(Only non-employees/families who have been members prior to 1993 may continue their membership)

- _____ INDIVIDUAL FRIEND OF BOEALPS (Non Boeing Employee Renewal Only)
Dues \$17.00
- _____ FAMILY FRIEND OF BOEALPS (Non Boeing Employee Family Renewal Only)
Dues \$22.00

Note: Club membership is only for those who sign up as an individual member, or are listed on the back of this form as dependents of a member with a family membership.

AMOUNT ENCLOSED FOR DUES: _____

Send application, signed waiver, and dues to:
(Make checks payable to BOEALPS)

Elaine Worden M/S 6H-CJ
or: 1400 E. Mercer St., #4
Seattle, WA 98112

Additional information for membership database - optional but appreciated!

Year joined BOEALPS _____

Enter the year for any courses completed:

- _____ BOEALPS Basic (team color _____)
_____ BOEALPS Intermediate
_____ Mountaineers Basic _____ Mountaineers Intermediate
_____ Avalanche Awareness _____ Ice Climbing Seminar
_____ Aid Climbing Seminar _____ Rock Leading Seminar
_____ Standard First Aid/CPR _____ MOFA
_____ Other (please describe) _____

How often do you climb? _____

GET INVOLVED: Are you interested in organizing or leading an activity or outing?

- Ice Climbing Snow Climbing Rock Climbing Alpine Climbing
 Other: _____

RELEASE FROM LIABILITY AND HOLD HARMLESS AGREEMENT

I, _____ (print name(s)),
certify that I am aware of all the inherent dangers of mountaineering, including but not limited to the hazards of traveling in mountainous terrain, accidents, or illness in remote places without medical facilities, the forces of nature, and the actions of participants and other persons.

I understand that it is not the function of the activity leaders to serve as the guardians of my safety. I also understand that I am to furnish my own personal equipment and I am responsible for its safety and good operating condition regardless of where I obtained it. I understand and agree that neither the Boeing Employees Alpine Society (BOEALPS) nor its officers, agents, operators, instructors, leaders of club sponsored activities, other assistants and the Boeing Company may be held liable in any way for any occurrence in connection with club activities which may result in injury, death, or other damages to me. In consideration of being allowed to participate in club activities, I **HEREBY PERSONALLY ASSUME ALL RISKS** in connection with said activities, and I **RELEASE** the aforementioned club, officers, agents, operators, instructors, activity leaders and assistants from responsibility for any harm which may befall me while I am engaged in club activities, including all connected risks, whether foreseeable or unforeseeable. I **FURTHER AGREE TO INDEMNIFY** the aforementioned entities and Company and persons from any liability, claims, and causes of action which I may have arising out of my enrollment and participation in this club.

I further state that I am 18 years of age or older and legally competent to sign this release (or in the event that I am a minor, my parent or legal guardian must sign this release), that I understand these terms are contractual and not a mere recital, and that I have signed this document as my own free act. The terms of this agreement shall serve as a release and indemnity agreement for my heirs, assignees, personal representatives, and for all members of my family, including any minors.

I HAVE FULLY INFORMED MYSELF OF THE CONTENTS OF THIS RELEASE AND INDEMNITY BY READING IT BEFORE I SIGNED IT.

(Signature)

(Date)

Additional Family Members:

(Print Name)

(Signature)

(Date)

(Print Name)

(Signature)

(Date)

(Print Name)

(Signature)

(Date)

Board Meeting Minutes

December 1997

This month's meeting was held at Eric Bennett's house. In attendance were Chris Rudesill, Rich Baldwin, Len Kannapell, Ilan Angwin, Shawn Pare', Ed Alejandro, Katy Rusho, Vera Trainer, and Mark A. Hicks.

Ed Alejandro reported on the status of the NW Avalanche Center.

Chris reported that this year's basic class will go on as scheduled and Boeing recreation is scheduled to issue a memo in January outlining its new policy on who can participate in club activities.

Despite an offer to sell the Boeing Alpine club a climbing machine donated to the Boeing Scholarship fund, we decided not to buy the \$16,000 dollar piece of equipment. Our counter offer of \$250 dollars was turned down.

Conservation vigilantes, Vera and Katy, reported on the current status of the park user fee experiment. They will use conservation funds for fees to attend the conservation summit sponsored by The Mountaineers.

The New York Times Magazine from last week takes the reader on a tour of all the whiskey distilleries of Scotland. Mark will study the issue on his climbing trip to Scotland.

The board approved spending \$200 dollars for a pizza feed to entice people into leading activities for Boealps.

Chris Rudesill asked that all club officers be at our General Meetings.

The board discussed the philosophy of gear rental and despite a lengthy Socratic dialogue, we came to no conclusions.

The next board meeting will take place at Chris Rudesill's home on Jan. 15th.

Boealps MOFA *Refresher* Class

Update your MOFA certification now! Students with a current MOFA card are eligible to obtain their Standard First Aid, Adult CPR and MOFA cards. Four classroom sessions will be followed by an evening of practical exams conducted in conjunction with other MOFA classes at Camp Long in West Seattle.

Date: February 3, 5, 10, 12 and 17 (Camp Long) or 19 (Camp Long)

Time: 6:30 - 9:30 pm

Location: Boeing Customer Service Center

Cost: Approx \$45 per student

Class Size: 16 students

Instructors: Kathy Hirabayashi, Jack Huebner and Joyce Holloway

The class will be filled in order that registrations are paid. To sign up return the registration from below along with your payment. Payment should be in the form of a check payable made payable to Boealps.

If you have any questions, please call Kathy Hirabayashi at (425) 814-5487 (w) or (206) 527-5281 (h) or e-mail KHibachi@aol.com, or Joyce Holloway (425) 477-4393 (w) or (425) 888-4434 (h).

Boealps MOFA *Refresher* Registration Form

Name:

Mail Stop:

Home Phone:

Work Phone:

E-Mail:

Complete the information requested above and return this form along with payment **(Make check payable to "Boealps")** to:

Joyce Holloway MS 6F-06

Phone: (425) 477-4393 (w)

(425) 888-4434 (h)

BASIC CLIMBING CLASS 1998

The Basic Climbing Class will be held from March 4th to June 10th. Orientation will be held on Monday Feb. 23 at 7:00 p.m. at the Oxbow Recreation Center Room 202. The class consists of Wednesday night lectures and outings every weekend. Though MOFA (Mountaineer Oriented First Aid Class) is not required to take the class, it is strongly recommended. Janet Oliver will again run this year's class. For more information, contact any of the people on the flyer contained in this issue or any of the board members listed on the front of this issue.

Lisle Pilcher is in charge of coordinating the advertising and information packets for the class this year. If you have any questions, please contact him at (425)342-0528.

CALL FOR BASIC CLASS INSTRUCTORS

If you would like to instruct for this year's class and did not instruct for the 1997 class, contact Elaine Worden at 965-0049 (see front of Echo for email address). Everyone who instructed last year should receive a commitment form by mid January. If you do not receive the commitment form by the end of January, please let Elaine know. If you have never instructed for the Basic Climbing Class and would like to, contact Elaine to receive information and an application. MOFA and a commitment to 50% of the class's outings is required for all **new** instructors. Please leave a message, if you don't reach Elaine directly, as to who you are and where to send any information. It is necessary to know how many instructors there will be for this year's class before Feb. 13th so don't delay.

If you cannot instruct this year but would like to help with other tasks that make the class run smoothly, please contact Janet Oliver at (425)413-0298.

This Echo includes a poster for this year's class. Please take it, make copies of it and post it anywhere that is appropriate.

Written by Janet Oliver



Boeing Employees Alpine Society



1998 Basic Mountaineering Course

Orientation & Registration

Monday, February 23, 7:00 pm
Oxbow Recreation Center
9-150 Building Room 202

Class Meetings

Wednesday Evenings
Plus
Weekend Outings
March 4 through June 10

- **Equipment Selection**
- **Route Finding**
- **Safe Climbing**
- **Rope Use**
 - Belaying**
 - Rapelling**
- **Rock Climbing**
- **Snow Climbing -**
 - Ice Axe Use**
- **Glacier Travel -**
 - Crevasse Rescue**
- **Fun & Friends**

For Course Information:

Lisle (Lyle) Pilcher (425)342-0528 w.
(425)267-0865 h.

Joyce Holloway (425)865-2838 w.

The Boeing Employees Alpine Society (Boealps) also offers an Intermediate Course - contact Mike Bingle 662-4929 (w) for information on the Intermediate Class.

CONSERVATION CORNER

Vera Trainer and Katy Rusho



USER FEE PROGRAM SUMMARY:

Congress authorized an experimental 3-year user fee program to be established in December 1996 at more than 200 sites around the U.S. Agencies are implementing the law by raising existing fees in some places while elsewhere, they are collecting fees for the first time. Agencies must use fee money for maintenance and repair of existing facilities, not on building new ones. Off the top agencies take 15% to pay the cost of collecting fees. Then, in areas where fees are already in place, officials must send to the federal treasury all fee money collected up to the 1995 level. The parks get to keep 80-100% after that.

A user fee conference was held at REI on Nov. 1. Those attending represented user groups, national parks and national forests. Questions raised were:

* Could there be a regional fee requirement applicable for all users on all public lands? This may permit reciprocal permit arrangements between land management agencies. For example, Mt. Rainier National Park will decide in January 1998 whether they will accept the US Forest Service Trail Park Permit in lieu of other fees.

* How will fee revenues be shared equitably among participating agencies? User fees are collected by the national forest in the area where the pass is purchased. Therefore, Mt. Baker Snoqualmie National Forest gets all money collected in the Seattle area - i.e. way more money than other NFs.

* Most users objected to the Forest Service charging user fees while continuing subsidies for logging, mining, and other resource extractive uses.

YOUR VOICE IS HEARD! YOU CAN STILL GIVE YOUR PERSONAL FEEDBACK REGARDING THE TRAIL PARKING PASSES. LOCALLY, YOU CAN SEND YOUR COMMENTS TO:

Mt. Baker-Snoqualmie National Forest
21905 - 64th Avenue West
Mountlake Terrace, WA 98043
Tel. 425-775-9702

**UPDATE ON FUNDING FOR NORTHWEST AVALANCHE HOTLINE:
IF LETTERS HAD NOT BEEN SENT TO GOVERNOR LOCKE REGARDING
THE AVALANCHE HOTLINE, YOU WOULD NOT HAVE A NUMBER TO CALL THIS WINTER!!!!
YOU DO HAVE A NUMBER FOR AT LEAST THE 1997-1998 WINTER SEASON. PLEASE USE
THE NUMBER AS OFTEN AS YOU WANT - MAKE IT KNOWN THAT WE WANT THIS
PROGRAM!**

PRESS RELEASE

Gov. Locke saves Northwest Avalanche Center for the winter

OLYMPIA - Gov. Gary Locke is using \$35,000 from his office emergency fund to keep open the Northwest Avalanche Center through this winter. The center had predicted it would close in January after its funding was cut during the last legislative session.

"There is no doubt the Northwest Avalanche Center saves lives," said Governor Locke. "We've had a drop in avalanche deaths even while more people are driving our mountain passes and using mountain

backcountry for recreation during the winter. I'm pleased to make this emergency grant to protect people while we look to long-term funding solutions for the center."

In addition to the governor's emergency appropriation, the Snowmobile Advisory Committee to the State Parks and Recreation Commission is providing \$5,000 to fill the \$40,000 funding gap created when the Department of Transportation's share of the center's budget was cut.

"We are thrilled the governor has appropriated money to keep the avalanche center open," said Cleve Pinnix, director of the Washington State Parks and Recreation Commission. "It's a unique service that allows thousands of winter recreationalists to get up-to-date weather information and keep safe while playing in the wilderness."

"The Mountaineers is delighted that Governor Locke has recognized the importance of the Northwest Avalanche Center with this appropriation," said Marcia Hanson, president of The Mountaineers. "This gives the recreational community more time to work with the public and private sectors in exploring ways to fund the center on a permanent basis. But more importantly, the center will remain open this winter, protecting the lives of climbers, hikers, backcountry skiers, snowshoers and motorists heading over the mountain passes."

"Experienced cross-country skiers, snowshoers, climbers and snowboarders rely on the Northwest Avalanche Center every day," said Kathleen Beamer, public affairs vice president for Recreational Equipment Inc. "Knowledge of the snowpack stability is key to safe winter travel, and the center is the best, most reliable source for that information in the Northwest." REI provided a grant to The Mountaineers to help build grassroots support for the Center.

Since it was created in 1977, the Northwest Avalanche Center has been instrumental in reducing the number of avalanche fatalities in mountain backcountry and on highways. While winter travel and recreation in the mountains has increased, avalanche deaths have dropped to less than two per year from a rate of three-to-four per year during the 1970's.

The avalanche center received more than 75,000 inquiries for winter mountain weather information on its hotline and Web site last winter. It provides weather information and avalanche forecasting twice a day and monitors and maintains 17 remote mountain weather monitoring stations.

The Northwest Avalanche Center is cooperatively funded by a variety of federal, state and private sources. Last biennium, the state Department of Transportation provided \$80,000 or slightly less than half of the center's funding. This biennium, \$40,000 was cut from DOT's portion of the funding. Because the cut came so late in the legislative session, the center was not able to cover the shortfall from other sources and planned to close in January 1998.

The Northwest Avalanche Center Hotline is 206-526-6677. Its Web site address is www.NWAC.NOAA.gov

Contact: Governor's Communications Office, 360-902-4136

Future issues of Conservations news:

- * Accountability of the Forest Service on user fee spending - we want to know how our money is spent!
- * Another letter to Governor Locke regarding funding of the NAC for the 1998/1999 season.

CROW PASS AVALANCHE FATALITY

Date of accident: November 24, 1997

Report Prepared by: Doug Fesler and Jill Fredston, Alaska Mountain Safety Center, Nov. 26, 1997

SYNOPSIS: On November 24, 1997, ½ mile south of Crow Pass (\pm 3,000 feet elevation) in the western Chugach Range of Alaska, a 34 year old woman hiking with a friend was caught and killed by a small, self-triggered soft slab avalanche which terminated in a gully. Search attempts by her partner were unsuccessful. She was recovered nearly 24 hrs. later by rescue teams after being found by a trained search dog.

REPORT: On the afternoon of November 24, 1997, Angela Paez, age 34 and Bill English, mid 40s decided to go skiing in the Crow Creek area near Girdwood. Finding the snow conditions were not ideal, they changed plans and decided to hike. For the first two miles, the route follows an old mining road which traverses several steep scree slopes. At the end of the mining road, the route continues as a foot trail following a series of switchbacks that ascend nearly 450 vertical feet up a steep scree slope to a higher trail (old mining road) which continues to the Pass. The switchbacks are typically blown in with snow by the end of September and are not visible to winter travelers. Because they are generally steep (mid to high 30°s), provide poor anchoring (smooth scree) for the winter snowpack, and terminate in a gorge at the base of the slope, traversing them requires skilled evaluation, careful route selection, and luck.

When Bill and Angela reached the switchbacks, they talked about their route options. One option was to follow a windblown scree rib vertically to the high route, then traverse across along the base of the cliffs above. Another option was to try to follow the existing trail zigzagging back and forth across the slope, but because the trail was buried, this made little sense. The third option was to traverse the scree slope approximately 600 feet horizontally) with the intent of gaining a wind blown rocky rib that ran vertically along the north side (left side looking upslope). They felt that this last route would give them the least exposure and would be the most direct, but to gain this route they had to first climb upslope about 300 linear feet (to be parallel with the beginning of the rocky rib).

Although some slight indentations held more snow, the snowpack was generally less than 12 inches deep with numerous rocks exposed. Boot penetration was to the ground in most places and walking was easy. The sky was clear with temperatures in the high teens/low twenties, and no wind. Bill reached the safety of the rocky rib at 2:35 p.m. and turned around to watch Angela following in his steps. She was only about 50 feet behind him, when the whole slope broke into blocks around her and started to move. The fracture was no more than 50-75 feet above her and extended another approximately 10-15 feet beyond her (roughly 60 feet wide in all).

She was knocked down immediately and assumed a sitting position with her feet facing down slope. Initially, the debris was shallow and slow moving, but it quickly accelerated and gained in volume and size as it descended. Angela made no attempt to fight, jump, or roll to the side. Bill carefully watched Angela as she was carried downslope and observed her disappear beneath the debris just before it spilled over the edge of the gorge. He ran downslope, following the trajectory he had observed, jumping the last 20 vertical feet into the gorge to reach the debris. The debris where Angela disappeared was in the shape of a cone roughly 20 X 25 feet, with a depth of approximately 12 feet on the uphill side and 6 feet on the opposite side. Immediately, he found one of her ski poles and placed it vertically in the snow to mark its location. Using his shovel, he carefully dug a series of three trenches, one row above the other, horizontally across the debris. Each trench was about 2 ½ - 3 feet deep. While digging he periodically stopped and yelled her name into the snow. Twice he thought he heard a faint, muffled yell in response, but he wasn't able to pinpoint the source, either by listening or digging. After an hour and ten minutes of systematic searching (now 3:45 p.m.), Bill decided he needed help.

Getting out of the gorge was not easy, but with skillful climbing he was able to ascend the cliff. He reached his truck by 4:45 p.m. and drove to the nearest residence, approximately 7 minutes away. Upon contact, the Alaska State Troopers alerted Alyeska Ski Resort, the Girdwood Volunteer Fire Dept., the Alaska Mountain Rescue Group, Dogs Organized for Ground Search, the Nordic Ski Patrol, the U.S. Forest Service, Alaska

State Parks, the 210th Air National Guard, and the Rescue Coordination Center at Elemendorf Airforce Base.

Rescue members responded quickly to a staging area on Crow Creek Road and to the Girdwood Fire Station (most volunteers were at the staging area by 6-6:30 p.m.), but because of the dual staging areas, there was some confusion during the early hours of organization. Initial attempts to reach the site by snowmachine were unsuccessful due to deteriorating weather, poor visibility, drifting snow, and the fear that additional slides could trap rescuers. Two attempts at reaching the site in an Air National Guard Pavehawk helicopter also proved unsuccessful due to 25 knot northerly headwinds and poor visibility from blowing snow. Rather than risk the lives of rescuers, the decision was made to resume the rescue effort in the morning, contingent upon better weather and visibility.

At first light, a team of three helicopter-bombed most of the slopes adjacent to the accident site using an A-Star helicopter and brought down several small slab avalanches. A small team of 13 rescuers and two avalanche dogs flew to the site in several helicopter loads. Angela was found by a trained avalanche dog within 3-4 minutes of reaching the site. Still in the sitting position, her head was buried under 2 ½ feet of debris with no evidence of an air space or ice mask. It took another 15 minutes for four to five people to dig her out. She had no vital signs. She was then sling-loaded from the site to the staging area. All personnel were transported back to the staging area by helicopter by approximately 2:30 p.m. and a debriefing was held.

CONTRIBUTORY FACTORS:

Terrain: Slope Angle: The bed surface slope angles varied from a measured low of 32° (where Angela was standing) to an estimated high of 38°-41° (along the upper 15-20 feet of the slab in the starting zone, roughly 50 feet above Angela's position). The average angle of her trajectory was 32° along most of the track from the starting zone to the brink of the gorge (one short segment measured 35°). The last 75 feet into the gorge ranged from approximately 45° to 80° (the last 20 feet). The runout angle was unmeasurable due to terrain obstacles and map scale deficiencies, but is estimated to be approximately ±34°.

Anchoring/Roughness: The scree slope was uniformly smooth and provided poor anchoring. Because most of the scree material was fist to foot size, large pore spaces (3-5 inches in diameter) were prevalent between the rocks. These pore spaces contributed to the effective transmission of warm vapor from the ground into the snowpack at the snow/ground interface, and thus enhanced the rapid development of faceted crystals immediately above the ground.

Aspect: The aspect was westerly. The 4-6 foot rocky rib on which Bill was standing ran vertically (W-E) upslope and acted effectively as a snow fence, allowing a slightly deeper (16-20 inches) accumulation of snow from cross-loaded winds along the lee side (i.e., the slope where Angela was standing). This shallow depression became a catchment area for blowing snow (i.e., low density wind slab).

Shape: The slope was uniformly planar with only slight ribs and depressions evident. The ribs were very shallow, with no slab evident. The most significant shape factor was the gully at the base of the slope. If the same avalanche had occurred on a slope shaped like an alluvial fan, the victim most likely would have been caught in snow that was less than knee deep, and probably could have easily stood up and walked away. However, once the victim became entrained in the moving debris, the gully greatly increased the consequences (i.e., diminished the probability of survival).

Weather: Temperature: For several weeks, this area had experienced above average temperatures (generally in the 30s). However, a month or so prior to this period, the temperatures had been in the single digits and teens. During this period, the shallow snowpack became faceted at the ground.

Precipitation: The day of the accident was clear, but the day before, approximately 6-8" of new snow fell, the first significant accumulation in several weeks. This storm started warm and ended cold (see Snow Structure, below).

Wind: The snowfall of the previous day was without wind until the last couple of hours, when gusty 25-30 mph winds resulted in shallow soft slab formation in leeward pockets.

Snowpack: Snow Structure: No fracture line was visible the day after the accident due to strong winds the night before. However, an examination of the bed surface and adjacent slopes, which had not slid, strongly indicated the following: The cool temperatures of more than a month ago had created a weak layer of intermediate facets (± 2 inches thick and fist hard) on top of the scree. Subsequent warm temperatures and slight accumulations of new snow settled the upper snowpack creating a poorly bonded shallow crust layer (± 2 inches thick and pencil hard) immediately above the facets. Note: this layer did not exist everywhere, but most likely did exist to the lee of the rocky ridge where the depth was slightly greater. Well bonded to this (because temperatures were warm when the next snowfall started), was the new snow of November 23. Moderate winds near the end of the storm created both low density wind slab and additional load. Intermediate facets are notoriously weak in shear, but surprisingly strong in compression. The added load of the new snow, the weight and dynamic energy of two hikers, and the incline of the slope all contributed to an increase in stress. The facets were simply not strong enough to hold the slab in place.

Other Clues to Instability: The avalanche hazard was moderate at the time of the accident. No evidence of recent avalanche activity could be seen along the route. No collapsing of weak layers or shooting cracks were observed. Although no wind slab was detected by the victim or her partner on the day of the accident, this may have been due to the fact that they a) had been following a well beaten trail (during the initial portion of the hike), and b) had just reached a point in elevation where the wind action was more prevalent. In other words, within a few steps they went from an area of no wind slab to a small pocket of wind slab. This accident is a good example of how a little avalanche ending in a terrain trap can have deadly consequences.

Human Variables:

Background: Although available information about Angela is limited, it is known that she had climbed in the Andes, the Cascade Range, and Mt. Rainier. At some point, she apparently taught climbing and had lead less experienced friends on climbs in the Cascades. Prior to the accident, she had been in Alaska for three weeks working as a medical intern and was in her third year of medical school at the University of Washington. During the previous weeks, she had climbed a couple of small peaks in the Chugach Range and appeared to have a passion for the mountains. Previous avalanche training is unknown.

Bill, who works as an attorney, had met Angela only two days earlier, though his sister was a longtime friend of hers. He had been to Crow Pass in the summer, but never in the winter. Bill had hiked and skied in southcentral Alaska and elsewhere for years. Neither person can be described as having a high-risk taking attitude or as being ego-involved with the route, but time was a factor in their route selection decisions as sunset was less than a couple of hours away. Bill had no previous formal avalanche education, but had attended awareness talks over the years and had read avalanche articles on his own.

Bill said that the threat of avalanches never occurred to them. The sun was shining, the trail conditions were good, and the scenery was spectacular. In that sense, they may have been lulled into thinking that everything was alright and lowered their guard. Both missed the subtle changes in the snow conditions as they reached the steeper scree slope, but this would be easy for an inexperienced avalanche person to do. They carried some basic avalanche equipment (i.e., a pair of ski poles which could be used as probes and a shovel), but Bill had never had any formal avalanche rescue training. He showed great courage in leaping into the gorge and carrying out a systematic search by trenching a series of ditches. Had he used the ski pole as a probe, he may have found Angela sooner, but it is unlikely this would have changed the outcome.

CONCLUSIONS: This accident is a classic example of how a small, isolated area of instability posed a disproportionately high hazard because of the unforgiving nature of the terrain.

Getting High In Ecuador (Nov16-28, 1997)

Climbers: Alex Van Steen (Eatonville, WA; Lead Guide), Edison Oña (Quito, Ecuador; Assistant Guide), Greg Fowler (Stamford, CT), Byron Sykes (Dallas, TX), Ed Sloan (Charlotte, NC), Ron Fleck (Renton, WA; Scribe)

Background: While taking the intermediate climbing class this past spring and summer I met Alex Van Steen at our ice climbing seminar on Mt. Baker. Alex is a fellow Boealper and RMI guide who also guides climbs in various exotic places around the world. We got to talking and I said I was interested in climbing Aconcagua. Alex said he does that and we should keep in touch. Several weeks later after he was back from some other climbs he contacted me and we discussed his South America programs. He sort of talked me out of Aconcagua for the time being (more expensive, not an aesthetically pleasing climb, I'd need lots more cold weather gear than I have, etc.) and into his Ecuador trip along the "Avenue of the Volcanoes", which would take us up Cotopaxi (5897 m, 19342 ft.) and Chimborazo (6310 m, 20,697 ft.) and he said was a lot of fun. So after hemming and hawing for a few weeks I decided to go for it - I had the time and I was in as good a shape as I have been in quite a number of years. So I sent my deposit to *Alex Van Steen Expeditions LLC* (The LLC stands for "Limited Liability Company", but we would discover that it had more pertinent meanings later on) and tried to keep in shape till mid November rolled around. In the month prior to departure Alex has been written up favorably in two publications - *The Measure of a Mountain*, all about our own Mt. Rainier, and in the Nov. issue of *Conde Nast Traveler* describing a trip to Cotopaxi the previous year. This is more than enough to get me psyched about the trip.

Day 1 (travel day): Up at 3:30 a.m. to be ready for the shuttle picking me up at 4:15 so I could be at the airport 2 hours before my 6:55 departure. Arriving at the airport I see a long line at the American Airlines counter because the ticket takers don't come on duty till 5:00 - so much for trying to be early. Alex is about the fourth person in line and we chat for a bit before American is open for business. When it's Alex's turn he quickly discovers that the 5 duffel bags he has are 2 over the limit (he has 5 LARGE duffel bags because as part of his fee he provides all the tents, ropes, pickets, and food while camping or on the mountain). Even though he checked several times in the previous weeks to see that 5 would be allowed, the woman tells him no way, and prints him out the 20 or so pages of regulations about baggage checking. Fortunately, I only have one duffel (the intermediate class drilled into me the idea of traveling light and weight being my enemy) and I can take 2 of Alex's duffels as my own. When it's my turn at the counter I get some strange looks from my ticket taker when I tell him that "No I did not pack all the bags myself; two of them are Alex's, etc." After convincing him that I trust Alex, there are no bombs in the duffels, and paying the extra baggage fee, we're set to take off (Alex reiterates that the key word for any sort of undertaking like this is "adaptability"). Alex is going Seattle - Dallas - Miami - Quito, whereas I am going through Chicago instead of Dallas. We can only hope that the duffels know where they're going.

The long flights are uneventful and the group of us all arrive about 11:00 p.m. (though Greg arrived 2 hours earlier) under overcast skies and rain in Quito (2850 m, 9350 ft). Jorge meets us and we stuff his Land Rover with all our gear (the other 3 guys all have 2 duffels apiece) such that there is barely a square centimeter of space left in the vehicle. When we get to the hotel we learn that they have no reservations for us (again, even though Alex had confirmed the reservations twice before we left), but fortunately they have rooms available to crash in. We sack out sometime after midnight, huffing and puffing after lugging the duffels up a flight or two in the thin air of Quito.

Day 2 (rest day): We assemble at 7:00 for breakfast (Desayuno American - the pineapple juice is the best I've ever tasted) and Alex informs us that we have to move to another hotel about a block away - there's that adaptability kicking in again. So we get to cart all the duffels back to the lobby but the hotel staff will see that they get moved to our new quarters. After breakfast, Alex gives us the low down on the program, reviews our gear, tells us what to expect, and begins his daily "check-in" with us (how's our stomach, head, breathing, sleeping, strength levels, etc.). We're then off for a walking tour of a "newer" section of Quito to exchange money (at 4250 Sucre per \$, changing just a couple of hundred bucks

makes you into an instant millionaire), sightsee, buy water, and scope out some shops where we can buy Christmas presents when we return at the end of all our climbs.

We quickly discover that Quito can be a dangerous city. Not one sidewalk is level, there are holes everywhere, and the air is so bad from all the buses spewing noxious black smoke that we can't wait to get to the mountains (did I mention that few drivers seem to have a concept of what the lines in the middle of the streets are for?). We also discover that the El Niño weather that I had heard about is in full force. It is once again overcast and begins to pour late in the afternoon. We see sheet lightning around the hills in the early evening. Alex tells us that it is quite common to have thunderstorm in the late afternoons, and thus we always want to be off the peaks early.

Day 3 (hiking day): This morning we meet Edison our local guide, who has worked with Alex on several occasions. Edison is probably about 25 or so and has already climbed Cotopaxi 102 times and Chimborazo about 80 times. Trying to keep up with him would be suicide. Today is also our first acclimatization hike up to Rucu Pichincha (4700 m, 15,415 ft), a volcano on the outskirts of Quito. This is our first drive in the daylight and it is really scary. I'm glad that Jorge is driving and not me. The hillsides around Quito are quite steep and are a patchwork of colors and textures representing the various crops planted. In places it seems so steep that the farmers should require a belay just to plant or harvest their crops. We drive up a steep road that turns to cobblestones, then dirt, and finally mud. Along the way are what can only be described as shacks of the local Indians who live in the hills. Alex tells us that these people may not be as "poor" as we think because they at least have some land that they own or lease in order to harvest the crops.

We come to a halt at an antenna station at 12,800 ft to begin our ridge hike to the top of Rucu Pichincha - imagine starting a hike at an altitude higher than Mt. Adams and leisurely walking to 1000 ft. higher than Rainier! Along the way I learn that Byron (who owns a small trucking business) and Ed (who is a salesman for a wood products company) met Alex at Rainier a few years ago during an expedition climbing seminar, where lousy weather kept them from reaching the summit. Ed also climbed Denali last year and although he has hiked along the Appalachian Trail many times, Rucu will be his first class 2 scramble - go figure. Byron climbed Cotopaxi with Alex last year (on a less ambitious version of our trip - they never even considered Chimborazo), and Greg (who is an FBI narco agent - he could tell us more but then he'd have to kill us) has done some rock climbing but has never been on the snow, never worn crampons, etc. Should be an interesting adventure.

At somewhere around 14,500 ft. I get a headache and we're just below cloud level. When we hit 15,000 we can just make out the summit cross and there is some relatively fresh snow interspersed among the rocks, so it's a tad slippery. This is where we learn that this is Ed's first class 2 scramble. Here I pop a few vitamin I pills (Ibuprofen) to help with the headache. Another 20 minutes and we're on top, taking pictures of ourselves and the cross with the fog as a backdrop. This is a new altitude record for me and it only took about 3 ½ hours of hiking to achieve it. Once we get back to town we hit up a Chinese restaurant near the hotel and with some hot food, tea, and mineral water the headache slowly goes away. We're all feeling good about the climbs to come.

Day 4 (rest day): We lug all our duffels to the lobby and meet the bus that will take us to Cotopaxi National Park. It seats 16 and has plenty of room for all our gear. Williams will be our driver and with his friend Elaias will be camp guards. Once again the skies are heavily overcast for our 2+ hour drive to the park. At the base of Cotopaxi there is a big undulating plateau at about 12,200 ft., which is where we'll "bus" camp. Alex has 5 tents (one of which is the cook tent), Byron has brought his own, and Edison, Williams, and Elaias have two tents among the three. This means that Alex and all of us "clients" will each have an entire tent to ourselves - quite a luxury. The plateau is pasture land for cows and some small herds of wild horses (wonder if Mick Jagger has ever been here) so there is cow and horse poop everywhere. As we start to set up the tents it starts to rain once again, and lets up only occasionally. Once camp is established, we take a walk to the "ruins" about a half mile away. This is just a high point on the plateau that has a small stone wall built. From here you can see for miles, and for the pre-Inca and Inca it was a guard station to see whoever might be approaching from the distance.

At lunch we get an idea of why Alex had so many duffel bags. For last year's Cotopaxi trip he was criticized for the quality and amount of food he had available, not to mention the fact that 2 of his 3 stoves didn't always work up to par. This year he has 4 stoves, and the menu is much improved. For lunch we make PB&J's in the bus and slice up a fresh pineapple (again, the best pineapple I've ever had). For dinner it's pasta with tomato sauce from a jar, tuna, capers, olives, etc. No freeze dried or instant dinners for this crew. Then it's early to bed (it's dark at 6:30) because we have an early start tomorrow.

Day 5 (hiking day): It's up at 3:00 a.m. so that we can be underway at 4:00. Today we hike up Rumiñahui Centrale (4712 m, 15,455 ft.). It's a 6-8 hour hike to the top and is meant to see how our endurance is, and how well we're acclimatizing. We follow the road a ways and then it's cross country with head lamps, trying to avoid the cow pies in so far as possible in the dark. We also have to cross some barbed wire fences to get to a ridge that leads to the gully at the base of the peak. Believe it or not, it is actually clear when the sun comes up and we get our first full views of Cotopaxi, a near perfect inverted cone. When the sun crests the horizon and some low lying cloud cover in the distance, there is a vertical rainbow to the east of the peak. It looks spectacular, and we are now REALLY excited about climbing it a few days hence.

Once at the base of the gully, we pick and choose our way among the prairie grass and ultimately the scree that leads to a notch. It's at least 1,000 ft. of scree that we have to ascend, and the 2 feet up, 1 foot back that scree usually entails can be quite tiring at 14,500 ft. So it's a slow, steady pace we try to maintain. The gully steepens and is solid 3rd class, maybe 4th in a few spots; a couple hundred feet from the notch just below the summit, Alex decides it's a good idea to rope up and set some running belays. The terrain is not too difficult, but it is slabby, and if one fell, it would be a long tumble down. We have only 75 feet of rope, so we're all pretty close together, using slings around whatever large, stable rocks we can find. Once we make the notch, we see that the last 100 vertical ft. to the top is pretty much out of the question. Edison tells us that there used to be a ledge to traverse to the summit ridge, but it has fallen away. We don't have any protection with us that would allow us to tackle this highly exposed and wet, mid to upper 5th class rock, so we have to call the notch our summit for the day. We have been underway for about 7 hours to this point.

By this time, it has also clouded up considerably, though we can see well down into the valley. We down climb on a belay for two half-rope lengths and then scramble and plunge step down the thick sand of the gully till we hit the scrub grass again. After a quick break it starts to drizzle. By the time we hit the plateau again, it is hailing on us. The hail lasts for about 45 minutes and then turns to rain again, and rains on us almost all the way back to camp, which we reach about 3:30 - a good day's outing. For dinner we're rewarded with Fettucine Alfredo and canned chicken, again much more than we can eat, and we have to throw some away. This is already about 2-3 times more than I'm used to eating when in the mountains, but Alex keeps stressing how much we need the calories, no matter how bloated we may feel.

Day 6 (rest day): Pack up the camp and head toward the base of Cotopaxi proper and the Jose Ribas Refugio (affectionately known as "The Hut"). The drive is up a winding dirt road to a parking lot at about 4550 meters (14,925 ft.), 250 meters below the refugio. Since we'll be staying in the hut all we have to bring is clothes, climbing gear, sleeping bags, and all the food. Our packs still weigh about 55-60 pounds (those cans of soup and 5 pound sausage sticks add up) and we trudge up the almost 800 ft. of loose dirt to the hut in under an hour.

The hut itself is about 60 feet long, made of stone walls about a foot thick, and is two stories high. I'd say it accommodates about 50 climbers in the bunk beds that have very thin mattresses on them. The hut also has two kitchens with gas stoves, a generator, and there is an out house nearby. They get water by collecting rain or snowmelt from the roof and redirecting the gutters into two cisterns, one for drinking water and the other for flushing water. There is no difference between the cisterns other than the buckets used to collect the water. DO NOT confuse the flushing bucket with the drinking bucket!! Still, the drinking water has to be boiled before one partakes of it. Here we also learn that last year 11 (or was it 13) people were killed in an avalanche when the cascading snow pinned them up against the hut and crushed them. Most were not climbers, just tourists who ventured there to spend an afternoon, and a

couple were children. A grim reminder that even though it may seem "plush" to have a hut to stay in, the mountain still is not to be taken lightly.

For the afternoon we have "snow school" to reacquaint and/or introduce us to ice ax use, self arrest, cramponing, and rope travel. For me this is old hat, but still good to practice - I pick up a few new things based on Alex's methods of ice ax arrest. For Greg, it is uncharted territory, and for Byron and Ed somewhat of a refresher. Anyway, we spend 3 hours at this, again in the clouds and some drizzle, and then back to the hut. For the first time on the trip, I am tired from the exertion. The self arrest practice seems to require more of a burst of energy than the endurance required for a long hike. Plus the exertion is at 15,700 ft. so it is tiring. In the late afternoon Ed starts to feel poorly and gets a case of the runs. We're hoping it's short lived so that his summit attempt is not jeopardized. A few hours later we get a clearing and can see the lights of Quito, and the beautiful silhouette of Antisana in the distance. Sleep comes slowly tonight, and we're rudely awakened around midnight, by the climbers heading up that morning. The ear plugs Alex recommended we bring don't seem to help too much in this regard. But it's hard to get too mad at them since we'll be making our effort 24 hours hence, yet couldn't they be a little more quiet?

Day 7 (rest day): In the early morning we see several climbers returning from the summit. They are drenched and cold. Conditions were not especially good, and one Dutchman who wanted to take video said the camera froze up on him, rendering it useless. Around 10:00 a.m. we head out for further cramponing and rope travel practice. Ed is not among us because he is still feeling pretty weak. Practice lasts a few hours and it not nearly as tiring as the day before. Now all we have to do is rest, hydrate ourselves, and get ready for our summit attempt. Unfortunately, in the early afternoon I get hit with a case of Montezuma's revenge (nerves, perhaps) and wonder if I'll be able to go on. I pop a prescription I pill (Immodium), and then another pill about 4 hours later. Ed is still weak, and is getting more doubtful for the summit attempt. We hit the sack around 7:00 and try to get some sleep. The sky is once again clear, and we're optimistic about our chances. Fortunately my stomach calms down within a couple of hours. However, we also hear the rafters rattling, and realize that the wind is going to be a force to contend with.

Day 8 (Summit Day): Our alarms go off at midnight, and I'm groggy from the maybe 30 minutes of sleep I managed to catch. Ed is feeling better but still far from 100%. Still, he's going to give it a go, as far as he can. After a quick breakfast and a hot drink we're off just after 1:00. There are several parties ahead of us, and about 3 ropes behind us. The wind is hard and constant, at about 30 mph, sometimes gusting up to 40. The first 800 feet is up a steep dirt slope, and it proves too much for Ed. After about 30 minutes he decides to head back to the hut. We press on and reach the base of the glacier another 30 minutes later. We rope up, 5 on the single rope, and begin our slow but steady ascent up the snow.

The slope is steep, but is excellent for cramponing, and the splayed foot, Charlie Chaplin technique of progressing up the slope seems to work the best. The skies are clear and the half moon looks really cool. It seems to have a bit of a parallax and appears as if there are two moons, one behind the other and shifted ever so slightly, giving a shadowing effect. Edison is out in front and at times is sprinting up the snow to pass others. However, Greg seems to be having great difficulties mastering the rest step and pressure breathing. He keeps wandering out of the beaten path, and slows or stops for what seems like minutes at a time. There is no place to escape the relentless wind, and when we do take a break it is hard to communicate, although Greg does shout something about the "Wind is kicking my ass". With Greg struggling, we have a very irregular pace and it seems to take its toll on all of us. We were figuring on the ascent taking 6 hours or so, but after we come to a flat spot somewhat out of the wind after 6 ½ hours, we're still 800 feet shy of the summit - we've gained only 2800 feet in all that time, not an especially good pace. Also, by now the sun is up and the clouds have once again descended upon us.

At this point Alex tells Greg that he's going down, though I don't know exactly what was said. Greg seemed to take it pretty well, and all things considered did a good job for his first snow climb (later he told me that on the way down he saw the beaten path better. He had been following the rope on the way up, even though I motioned to him several times to stay to his left, in the path. Since the rope was always being blown to the side, he was frequently struggling through deep powder). After Alex and Edison discussed who would take Greg down, Alex took out his belay knife and cut the rope in two. Edison elects

to descend considering that he has already climbed the mountain so much, and figures that Alex should continue to his 8th summit.

Here the route would normally head up a steep slope directly to the summit. However, in the last month a very large crevasse has opened up, rendering the "standard route" all but impassable. So we follow the track through an icefall with seracs up to 50 feet tall looming above us. Having recently watched the "Into Thin Air" debacle on TV, I'm thinking that I'm making my way through a mini Khumbu icefall. Nevertheless, it seems stable, though eminently dangerous so we pick up the pace considerably. In places the path is level, with 20 foot long icicles hanging from the huge frozen blocks, and in others it's fairly steep. Visibility is decreasing, and I don't realize that my goggles are icing up. Still, Alex, Byron, and I are pressing on, alternately rushing and slowing as the terrain changes. I keep thinking the summit is around the next corner or on top of the next crest, but it always seems to elude us.

After what seems like and incredibly long hour, we attain the summit, pretty well spent (we had climbed the last 800 feet twice as fast as we had climbed the previous 2800 feet). The 19,300+ ft. summit is far and away a new altitude record for me, but I'm just too tired to rejoice in it. Once I reel Byron in, I get that heaving sensation and dash about 10 feet away. Fortunately it's a dry heave, and all I expel is the hard candy I had been sucking on. Visibility is about 10 feet, and I realize that I need to "de-ice" my goggles. I had brought a Boealps banner with me for a summit photo-op, but under the given conditions, never took it or my camera out of the pack. Just figured my camera would ice up. We spend less than 5 minutes on top and then head back the way we came. Now we have to descend those steep slopes in the worsening visibility. At one point we have to look for ice ax holes in the snow to find the path. Shortly thereafter Alex wandered off the path and yelled "Falling", thinking he was in a crevasse. We fell immediately into the arrest position, but it was a false alarm. The snow was so soft off the path that Alex went in up to his hips, and it merely felt like sinking into a crevasse. But extricating himself at that altitude was hard work and he was breathing very heavily. Once we're through the icefall, we finally try to catch our breath. Alex asks if I want to take a "summit" photo with the banner, but I say why bother, all we'll see is white.

The rest of the descent is uneventful, although we take it slow and steady. The route is steep in places, our crampons ball up a bit lower, and no one wants to fall. At the lower elevation it starts to clear a bit, and it's also getting very warm, considering that we had at least 3 layers on. The descent takes a mere 2 ½ hours, but seems much longer. Edison, Ed, and Greg greet us at the hut, and that's where we take our "summit" photos.

Now we have to pack up in a hurry, because Alex wants us to head down into the "thick" air of Baños at 6200 ft. so we can get some rest and relaxation. Me, I'd just as soon take a nap now, but we have to high tail it to the bus 800 ft. below us. The drive to Baños takes about 3 hours and we're all dozing a little on the bus. After unloading our gear (there isn't much space in the room to let everything dry out), showering (for the first time in about 5 days), and grabbing a bite to eat, we're all in dream land by 8:00-8:30. This turns out to be the first solid sleep I get in over a week, and it is most welcome.

Day 9 (rest day): Our Breakfast at Mama Ines' restaurant lasts the entire morning. We're content to sit at the outdoor table and just watch the town come to life. After 3 or so hours of this we decide to check out the lunch menu. Everyone orders pizza, but no one is thrilled with the results - very cheesy and greasy. Alex heads off to organize all his gear for our upcoming Chimborazo attempt. We make several rounds through the town, sightseeing and buying a few presents. Byron finds this "really cool" nail clipper for just over \$1, but when we examine it, we see the "Made in Korea" stamped on it, and it doesn't seem quite so cool anymore. The skies are still overcast, but there are a few sun breaks now and then, and for the first day it doesn't seem to spit on us.

Later we try this French restaurant that was recommended to us. We all homed in on the Steak au Poivre (Pepper Steak) because it was "real meat". The dinner was just fantastic and had us talking about it for days thereafter. Not only because it was so good, but with drinks, dessert, tax, and tip it came to \$8 a head. Try that in any French restaurant you can think of.

Day 10 (rest day): We load up the bus again to head off toward Chimborazo. It's a several hour drive. The scenery along the way is continually spectacular as we head up toward the clouds. We turn off the paved road at 13,500 ft. and it's starting to drizzle on us. We go through a wilderness region that has small herds of vicuñas - a smaller version of a llama that supposedly has the best wool. Conditions are not looking very good for us. We can't see the mountain and there is fresh snow at just over 14,000 ft. The Whymper Refugio (Edward Whymper is the first person to climb the Matterhorn, and he also had the first ascent of Chimborazo in 1880) is at 5000 m (16,400 ft) and there is no way the bus is going to make it in the snow. We take the road to about 14,500 and stop. Alex tells us that it would be about a 3 hour hike along the road to the hut, but even after that the route on Chimborazo is a constant 35-40 degrees and is a prime avalanche slope. Even though we'd make the hut, there is very little likelihood that we'd be able to climb for several days due to the avalanche danger. It's now Tuesday, and we're flying out on Friday morning, so it seems that our desire to stand on the highest point in Ecuador is dashed for this trip.

We discuss our options and decide to try and climb Carihuairazo (5020 m, 16,465 ft.), which is nearby (probably 20 miles as the crow flies, but two hours by bus on the difficult "off road" paths. This peak is the 9th highest in Ecuador and might afford us a chance to bag at least one more summit before our adventure ends. Along the way to a camping spot we decide that the LLC in Alex's company name really stands for "Lots of Liquid Climbs" and that seems to relieve the tension and disappointment a bit. When we get to a place where we decide to camp (at around 14,500 ft), we stop the bus and have another round of PB&Js for lunch. Suddenly two cowboys ride up behind the barbed wire fence and ask us to pay the camping fee to stay the night. Edison tells them that we won't pay unless they give us a receipt. They don't have the book with them so they ride off. About 30 minutes later they come back, this time on a dirt bike, and write out the receipt for us. As we unload the bus to set up camp, it starts to rain again. Seems like every time we haul out the tents it rains on us.

Anyway, once camp is set up (this time we shared tents), we have another powwow in the bus about what our options are. We figure to get up at 4:00 a.m. the next day and try the climb unless it's pouring on us, in which case we'll sleep in. There is the option to wait it out an extra day, and do the climb Thursday morning, but that would leave us no time in Quito to do any shopping for the loved ones back home. The married guys (Ed and Byron) are expected to bring back lots of presents and Christmas presents, so we decide that if we don't climb tomorrow, then that's it.

After a while the rain lets up and we can have a "dry" dinner, which consists of Dinty Moore beef stew and canned corn. It's not nearly as good as the pepper steak of the previous evening, but still quite good. We sack out early and set our alarms for 4:00 a.m.

Day 11 (climb day): Somewhere around midnight it starts to rain and never stops. At 4:00 Alex asks me what I think and I say we should stay in bed. No one else really makes a move to get up, and it seems that our climbing is over for this trip. We arise sometime around 7:00 and see a layer of wet, icy snow lying around us, make breakfast and pack up. After all the rain and the good stew last night we come up with an alternate meaning for LLC - "Luxurious Liquid Camping", and then do several takeoffs from there. Even if we were to stay another day, it seems that the weather gods (Edison's faxes to St. Peter requesting good weather seem not to have had a very positive effect for the length of this trip) would not smile on us. There is no indication that the weather will break, plus there are those souvenirs to buy. We make the long, 6 hour journey back to Quito and arrive late in the afternoon.

We decide to have our celebration dinner that evening since Edison is heading back to Cotopaxi the next day. He and several of his guide friends intend to place some ladders and possibly fixed line across the crevasse on the normal route so that people don't have to cross the dangerous icefall. The restaurant was a very nice one with waiters in tuxedos, napkins over the arms, etc. We got the menu of the day, which was either steak or sea bass, a great shrimp cocktail, and dessert. With drinks, tax, and tips it came to \$45 for the 7 of us (Williams the driver was also in attendance). Edison thought it was a lot, but was astounded when we told him that in the states, for a restaurant of that quality only 1 person, not 7, would eat for that \$45, and that would probably be a stretch.

We had a great time and took lots of pictures, but it was kind of disappointing to be eating my special summit chocolate in a restaurant instead of on the apex of the highest point in Ecuador. Alex also tells us that this was his most difficult climb of Cotopaxi in 8 attempts, and also the first time that he never even made it to the hut on Chimborazo. We naturally wanted to be a special group, but not necessarily in that way. When we take our leave of Edison we're all a little sad, but hopeful that he will be successful in his attempt to fix the route, and also hopeful that we get the chance to meet and climb with him again.

Day 12 (Shopping Day): We could have gone to Otavalo and seen its market, but that would mean another 3-4 hours round trip on the bus, and we're just plain tired of being on the bus. So it's a wander and spend mission on the streets of Quito. Part of the allure is haggling with the merchants, especially the street vendors, about the price of their wares. But the prices seem so dirt cheap that we wonder why we do it. When Byron got to a point where he was 5,000 Sucre different than what the merchant wanted, he'd ask "What are we talking about here?" When we told him it was just over a dollar he'd want to cave in and pay the higher price, but we wouldn't let him - the art of the deal or something like that. However, he got into it more and more as the day went on. For guys who supposedly don't like to shop, Byron and Ed put the rest of us to shame. It's one of those things - we have the cash in hand and don't really want to exchange it back into dollars (though you generally get a better "deal" if you pay in dollars), so might as well spend it all, and we did.

Somewhere in the course of the day Alex tells about an incident at Chimborazo that happened a week or so earlier. Apparently a bus of climbers on the way to the peak was stopped at gun point and lightened of everything they owned. The tires on the bus were also slashed so they couldn't go for help easily. So unknown to us, Alex had us take a non-standard route to the mountain as a precaution. He didn't tell us about it earlier so as not to worry us. But there wouldn't have been much we could do about it anyway.

Later that evening we found a restaurant called "Adam's Rib" that turned out to be American owned. When this French woman approached us and asked if we were having the special Thanksgiving Dinner, we all realized that we had totally lost track of time, and that it was indeed Thanksgiving. We also saw that there was a Dallas Cowboys football game on the TV, but that also didn't seem to matter. There wasn't enough turkey for the 5 of us, so we all opted for something else to bring our adventure to an end. Ed had to go back and find a way to cram all the stuff he had bought into his duffels. With both he and Byron sitting on the bags it was still a struggle to get them to close. Alex was doing a follow on climb with an single client, whom he had to meet later at the airport. So Alex might get to summit Chimborazo this trip after all.

Day 13 (travel day): Up at 6:30 to have breakfast and head toward the airport. Ed was up much earlier since his plane left 2 hours earlier than the rest of us. The trip back was uneventful. Greg took his leave of us in Miami and headed north. Byron and I were off to Dallas, though on two different flights, and his was running about 90 minutes late. Me, when I got to Dallas I only had 20 minutes to hustle between terminals and make my flight to Seattle. I figured that my bags wouldn't make it with such a short interval, but surprisingly they did. Even though my flight touched down 40 minutes early in Seattle, I was pooped after being underway for about 16 hours - definitely a LONG day.

Summary: Overall, the trip was a good one and I'm very glad I made it. It had a chance for greatness but the lousy weather really put a damper on things (pun definitely intended). My disappointment came not so much from the inability to climb Chimborazo, but more so from the fact that once we were at or near the summits of the peaks we could climb, we still couldn't see anything. It would have been awesome to see the peaks of "The Avenue of the Volcanoes" just poking up there all in a row for a hundred or so miles. If the weather had been a 6 or a 7, instead of about a 3, it would have been fantastic. That was just not to be.

About Alex I cannot say enough good things. His climbing and teaching skills are first class, but I already knew that from the ice seminar on Baker. What really impressed me were his experience and organizational skills, especially for the logistical aspects of getting from peak to peak, peak to hotel, etc. and also for someone who spoke the language. Adaptability is certainly a trait he has mastered. Sure,

the climbs were not especially difficult and I could have done them with a couple of guys on our own. However, just finding some of the places and getting all the gear there would have been quite a chore. Furthermore, he was very safety conscious, and well in tune with us as individuals and as a team. He is a great guide and I'd certainly be willing to have him lead me again. He is heading off to Everest in March, and if he doesn't bring lousy weather with him there, I see no reason why he can't reach the summit. After that he is going to Denali in July, and Byron will again accompany him on that trip. I wish them all the best.

Finally, Ecuador is a very interesting place. The countryside, when we could see it, is simply spectacular. Yes, the people seem very poor, and life looks like it is very hard, but the natives don't really seem to notice that much. Their pleasures may be much simpler. Certainly, tending a herd or farming the land with the Andes as a backdrop is something inspiring and not easily acquired. I hope that I can return some day and soak up some of that inspiration, if only for a few fleeting days.

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW WORK M/S: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

January ECHO staff

Editor: Mark Hicks
Activities/calendar report: Rich Baldwin
Conservation report: Katy Rusho &
Vera Trainor
Minutes: Ilan Angwin
Trip reports: Ron Fleck

Thanks to everyone!!

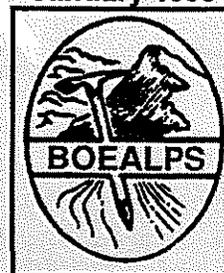


ALPINE ECHO

PROSTKA, JAMES

67 MC

FEB.
January 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	0P-04	717-0025	Education	Ken Johnson	0U-31	266-7659
			christopher.c.rudesill@boeing.com				ken.johnson@boeing.com
Vice President	Len Kannapell	4E-69	655-8268	Equipment South	Mike Jacobsen	3E-59	657-1438
			apslpk@pony6.express.ds.boeing.com	Central	Silas Wild		527-9453
Treasurer	Ed Alejandro	7A-26	865-2217				silaswild@yahoo.com
			ed.alejandro@boeing.com	North	Andy Roth	0U-48	342-1308
Secretary	Ilan Angwin	06-03	266-9038	East	Kelly McGuckin	0P-AE	294-8067
			ilan.g.angwin@boeing.com	Librarian	Brian Kenison	2T-40	544-0545
Past President	Dan Costello	0A-05	717-4495				brian.w.kenison@boeing.com
			daniel.m.costello@boeing.com	Membership	Elaine Worden	6H-CJ	965-0049
Activities	Rich Baldwin	2H-30	544-7580				elaine.worden@boeing.com
			richard.f.baldwin@boeing.com	Photographer	Shawn Paré	0J-TJ	342-7134
Conservation	Vera Trainer		522-7022				shawn.m.pare@boeing.com
			Vera.L.Trainer@noaa.gov	Programs	Eric Bennett	03-92	294-2530
	Katy Rusho		367-8763				eric.r.bennett@boeing.com
			katyr@pmiseattle.com	Homepage Editor	Rob James		rob.james@gcem.com
Echo Editor	Mark Hicks		294-0588	BCAG Recreation	Jake Davis	0F-KA	342-8369
			mark.a.hicks@boeing.com				

Home Page <http://www.accessone.com/~boealps>

Photo: Climbers on the Snow Dome, approaching Mt. Olympus, by Shawn Paré

From Elaine Worden 6H-CJ

ALEX VAN STEEN - RMI Guide & MORE



*Come see professional mountain guide
Alex Van Steen relive a few of his more
notable climbs.*

February General Meeting

Thursday, February 5th
Social Half Hour 7:00 PM
Show at 7:30 PM

BELAY STANCE

Membership Renewal

It seems that some of last month's Echo issues may not have received the **Membership Renewal** form that I spoke of in the Belay Stance. If this was you, sorry, it doesn't mean you don't have to renew your membership. I have provided another form in this issue. Thanks.

New Club Guest Policy

The letter on page 10 (there's no page #'s, you have to count) was received a few weeks ago from Jake Davis of Boeing Recreation. This letter represents the new policy for club guests of **all** Boeing Clubs; therefore, some of the rules may sound a bit vague, as they pertain to a wide variety of interests and activities. Our own Boealps panel of experts is currently hashing out the details of this policy to determine just what it means to us, The Boealps. We hope to have some clear definition/translation by the next Echo issue.

Any immediate questions can be directed to Chris Rudesill at 425-717-0025.

This Issue Includes...

...Board meeting minutes by Ilan Angwin, a letter of thanks from V.P. Len Kannapell for the great turnout at the activities pizza feed and a substitute Conservation Corner Chair, Ed Alejandro, giving us our last installment of Avalanche Hotline support (for now). Mike Bingle has put together some info for the Intermediate Class while Tom Rogers will be hosting this year's aid seminar and an article from Bill Sunderland on how to find the summit of Mailbox Peak.

Homepage Password

This month's password is still: **HOOD**

Next Month

Activity submissions have been awesome, keep 'em coming.

Upcoming general meetings should include shows on a North Karakoram Ski Trek, Adventures in Nepal/India and possibly a bit on a recent journey to Scotland.

From the desk of your editor,



Mark Hicks

MARCH ECHO DEADLINE IS FEBRUARY 19th

February 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 North Cascades ...	2 Groundhog Day	3 1st Quarter	4	5  Club Meeting	6	7
8	9	10	11  Board Meeting Full Moon	12 Lincoln's Birthday	13	14 Valentine's Day 
15	16 President's Day	17	18	19  Echo Deadline Last Quarter	20	21
22 Washington's Birthday	23  Basic Class Orientation	24	25	26 New Moon	27	28

March 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4  Basic Class	5 1st Quarter  Club Meeting	6	7
8	9	10	11  Basic Class	12  Board Meeting Full Moon	13	14 BC- Saint Edwards
15 BC- Saint Edwards	16  Intermediate Class	17 St. Patrick's 	18  Basic Class	19  Echo Deadline	20 Spring begins 	21 BC- Mount Erie IC- Horsethief Last Quarter
22 BC- Mount Erie IC- Horsethief	23	24	25  Basic Class	26	27 New Moon	28 BC- Stevens Pass IC- Horsethief
29 BC- Stevens Pass	30  Intermediate Class	31				

hikes • scrambles • ski trips • climbs

Mount Rainier, Gibraltar Ledges

Weekend is dependent on the weather. A three day trip up the standard winter route via Camp Muir. Basic Class grad (or similar experience) with cold weather gear required. Previous ascent of Rainier or other high peaks a bonus but not required.

When February-March
Contact Eric Bennett
425-294-2530 (W)
M/S: 03-92
eric.r.bennett@boeing.com

Limit Contact

The Sisters

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July second.

When July, 2nd-5th
Contact Al Baal
425-266-2551 (W)
206-781-2382 (H)

Limit 12

Little Si - Baby Climb

Go/no call will be made Thursday the 5th if weather is bad another attempt will be made.

When February, 7th
Contact Mat/Maren Robertson & David/Natalie Steiner
425-822-0455 (H) 206-526-8717 (H)
425-957-5691 (W) 425-342-3465 (W)
matt.robertson@boeing.com / david.s.steiner@pss.boeing.com

Limit 4 Kids and Parents

Mt. S1, Old Trail

Mt. Si is 3500 gain in 3.5 miles. Meet at the trail head at 9AM. Call to verify if coming.

When February, 14th
Contact Ed Alejandro
425-865-2217 (W)
425-271-4931 (H)
ed.alejandro@boeing.com

Limit 6

Mt. Washington- Scramble.

Contact for more information.

When February, 21st
Contact Matt Robertson
425-957-5691 (W)
425-822-0455 (H)
matt.robertson@boeing.com

Limit 8

Mt. Perseus

Basic Class graduate or equivalent required. By way of Index Traverse. Contact for more information.

When March, 7th
Contact David Steiner / Matt Robertson
206-526-8717 / 425-342-3465 (H)
206-822-0455 / 425-957-5691 (W)
david.s.steiner@boeing.com

Limit 5

Mt. Baring (6125 ft.)

Gain 3800 ft. from the trailhead up steep forested slopes to the basin, and then to the summit. Ice axe required. Trip may be canceled or postponed, subject to weather and avalanche conditions.

When March, 8th
Contact Dan Goering
425-717-2289 (W)
206-364-6783 (H)
daniel.j.goering@boeing.com

Limit 6

Mt. Persis - Index Traverse

Basic Class grad. or equivalent. All persons must have winter camping gear, avalanche beacons. Contact for more information.

When March, 14th & 15th
Contact Mike Bingle
662-4929 (W)
935-3992 (H)
michael.g.bingle@boeing.com

Limit 6

Twin Falls, Baby Hike

Trail is jogging stroller accessible.

When April, 18th
Contact Matt Robertson
425-957-5691 (W)
425-822-0455 (H)
matt.robertson@boeing.com

Limit 6 Kids and Parents

Submit activities to

Rich Baldwin
206-544-7580 (W)
206-439-1638 (H)
richard.f.baldwin@boeing.com
Mail Stop: 2H-30

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Eric Bennett, Al Baal, Matt & Maren
Robertson, David & Natalie Steiner, Ed
Alejandro, Dan Goering and Mike Bingle.*

Board Meeting Minutes

January 1998

This month's meeting was held at Chris Rudesill's house. In attendance were Rich Baldwin, Len Kannapell, Ilan Angwin, Shawn Pare', Ed Alejandro, Katy Rusho, Eric Bennett, Mark A. Hicks, Don Costello, and Ken Johnson.

The board discussed the new club activity eligibility guidelines. The following questions were asked of the document:

- What do we need to do for a weekend trip?
- What is a "sponsor" and what are their responsibility?

The board discussed some possible action on the issue:

- We need to make a club policy (by-laws update) and submit it to Boeing Recreation for approval.

Ed Alejandro reported that our letters were needed in support of the Avalanche Hotline. Please direct letters to the chairman of the ways and means committee.

The board voted to have the photo contest in June so that the people taking the basic class could participate.

Chris asked everyone in attendance to survey the membership for opinions on BOEALPS equipment.

The Echo deadline for the March issue is **February 19th**.

The next board meeting will take place at Katy Rusho's home on Feb. 11th.

Recited by Astronaut Jeffrey Hoffman prior to re-entry of the Space Shuttle Discovery, April 1985.

*You cannot stay on the summit forever.
You have to come down again.
So why bother in the first place?
Just this -
What is above knows what is below -
But what is below does not know what is above.
One climbs,
One sees,
One descends,
One sees no longer.
But, One has Seen.
There is an art of conducting oneself
in the lower regions by the memory
of what One saw higher up.
When One can no longer see,
One can at least still Know.*

A Message from the Vice-President

A big thank you to all who showed up at the Activities Pizza Party on Tuesday, Jan. 13. Surprisingly enough, the lure of free pizza was enough to draw a cadre of Boealpers in exchange for an activity to submit to the ECHO. At last count, we got 13 activities plus one from Al Baal.

While this is a great start, let's keep this rolling; the following are a few suggestions to keep in mind while mulling over a possible submission:

- 1) Consider having co-leaders for an activity - reduce the burden on yourself by having someone else share the responsibility - or if you haven't led an activity and are a little unsure of yourself, pair yourself with someone who has led climbs in the past.
- 2) Submit something you want to do - an activity was submitted last year that the submittee evidently didn't want to do but did so for the sake of putting the activity in. I suggest submitting something *you* want to do and inviting other people to share the fun.
- 3) Submit something well within your abilities - the Abruzzi Ridge on K2 is not a great idea for an activity if you had trouble with Mt. Si. So, read the guidebooks carefully and talk to experienced folks for ideas/suggestions. *Consider your safety margins* and climb well within them, especially if you haven't climbed with all who are going on your trip.
- 4) Be creative - climbs are obviously most welcome as submission, but also consider hikes, one-day bike rides, canoe trips, bowling, mountaineering video night at your house, etc. The floor is wide open, so think of the many things you could submit.

- Len Kannapell 1/23/98

Idea of the month: The Brothers (Olympics) in March - a beautiful trail through the Valley of the Silent Men, plenty of water at the Lena Creek bivy, and a good, challenging climb to great views of the Olympic interior. Two days - Basic Class grad. or equivalent

RELEASE FROM LIABILITY AND HOLD HARMLESS AGREEMENT

I, _____ (print name(s)),
certify that I am aware of all the inherent dangers of mountaineering, including but not limited to the hazards of traveling in mountainous terrain, accidents, or illness in remote places without medical facilities, the forces of nature, and the actions of participants and other persons.

I understand that it is not the function of the activity leaders to serve as the guardians of my safety. I also understand that I am to furnish my own personal equipment and I am responsible for its safety and good operating condition regardless of where I obtained it. I understand and agree that neither the Boeing Employees Alpine Society (BOEALPS) nor its officers, agents, operators, instructors, leaders of club sponsored activities, other assistants and the Boeing Company may be held liable in any way for any occurrence in connection with club activities which may result in injury, death, or other damages to me. In consideration of being allowed to participate in club activities, **I HEREBY PERSONALLY ASSUME ALL RISKS** in connection with said activities, and **I RELEASE** the aforementioned club, officers, agents, operators, instructors, activity leaders and assistants from responsibility for any harm which may befall me while I am engaged in club activities, including all connected risks, whether foreseeable or unforeseeable. **I FURTHER AGREE TO INDEMNIFY** the aforementioned entities and Company and persons from any liability, claims, and causes of action which I may have arising out of my enrollment and participation in this club.

I further state that I am 18 years of age or older and legally competent to sign this release (or in the event that I am a minor, my parent or legal guardian must sign this release), that I understand these terms are contractual and not a mere recital, and that I have signed this document as my own free act. The terms of this agreement shall serve as a release and indemnity agreement for my heirs, assignees, personal representatives, and for all members of my family, including any minors.

I HAVE FULLY INFORMED MYSELF OF THE CONTENTS OF THIS RELEASE AND INDEMNITY BY READING IT BEFORE I SIGNED IT.

(Signature) (Date)

Additional Family Members:

(Print Name) (Signature) (Date)

(Print Name) (Signature) (Date)

(Print Name) (Signature) (Date)

CONSERVATION CORNER

Ed Alejandro



Washington Avalanche Center

The Washington State Legislature needs to hear from you TODAY regarding the funding for the Northwest Avalanche Center. We all know how crucial the Center is. The Center is facing a mandatory \$40,000 cut from the Washington Department of Transportation. Governor Locke has provided emergency funding to keep the Center for THIS session only. However, it is critical for the Legislature to restore the cut for NEXT winter and the future.

What can you do?

Take a minute and call and or e-mail the two key legislators regarding this. The message should be something like this:

" We urge you to support continued state funding for the Northwest Avalanche Center."

Contact:

The Honorable Tom Huff
Chair House Apportions Committee
P.O. Box 40600
Olympia, WA 98504
e-mail: huff_to@leg.wa.gov
(360) 786-7802

The Honorable James West
Chair, Senate Ways & Means Committee
P.O. Box 40482
Olympia, WA 98504
e-mail west_ja@leg.wa.gov
(360) 786-7610

Gear Wanted

I'm looking for used climbing equipment. Biners, crampons (for size 11 men's boots), ice axe, chock pick, overnight pack, emergency shelter, etc. for the Basic Climbing Course. I can be contacted by phone @ home (206-463-2374) or @ the office (206-655-7637) or via e-mail.

Thanks,

Stu Tribble
stuart.g.tribble@boeing.com

Recreation Programs and Services

Club Guest Policy

Lessons/Instruction

Guests of club members shall be permitted to participate in lessons/instruction offered by the club provided each of the following are adhered to :

- 1) A waiver form is signed by each participant
- 2) A minimum of a 2 to 1 ratio of member to non-member participation is maintained
- 3) Company Offices Insurance issues approval
- 4) Employees have first priority for lesson registration
- 5) Guests are "sponsored" by an eligible club member

Participation

Guests of club members shall be permitted to attend club functions provided each of the following are adhered to:

- 1) Recreation and Insurance approval
- 2) Where required, waiver forms are signed by all participants
- 3) Guests are invited by an eligible club member

Membership

Generally, membership in clubs shall be restricted to those who meet the requirements in Company Procedure GB-ACC-201. However, clubs may apply to allow for guest or associate membership to Recreation. Applications will be considered based on the following criteria:

- 1) Guest membership within a club may be restricted based on the nature of the activity
- 2) Recreation and Insurance approval is required, and a waiver form must be signed
- 3) Guests/Associates must be sponsored by an employee club member
- 4) Higher consideration will be given to former employees and relatives of current employees
- 5) Clubs may be required to pay for their own liability insurance
- 6) Membership must provide a benefit to the club, the membership and the company
- 7) Team sport clubs are not eligible to apply for guest membership

Other options considered were opening membership to relatives (brother, sister, mother, father, in-laws, etc.). Also considered was allowing "significant others" to become members.

Based on the input from clubs we feel we need to try to maintain, as much as possible, what exists today.

Club-Instructor Relationships

Clubs which offer lessons or instructions to their membership must adhere to the following guidelines, provided the instructors are paid for their services to the club.

- 1) Club Executive Board will recruit and select instructor, and approve contract of instructor.**
- 2) Instructor shall be an independent contractor, and not an employee of the club.**
- 3) Instructors may be employees, retirees, or non-Boeing individuals.**
- 4) Instructors who wish to instruct individuals outside of approved memberships or guests may not use the Boeing name, facilities or equipment to instruct such classes.**
- 5) All lesson programs offered by a club must have the approval of the club executive board.**
- 6) The contract signed by the instructor and club executive board must be sent to Recreation and Insurance for final approval.**

1998 BOEALPS Intermediate Climbing Class

The Intermediate Climbing Class is currently being organized for the 1998 climbing season. This is the class's eleventh year.

This course is being offered for those who have basic climbing skills and the desire to learn to climb some of the more technical and remote routes in the Cascades. In addition to having completed the Basic Course (or showing equivalent experience); students must be in good physical shape and be active in climbing outside an instructional framework. This does not mean that prospective students have to be super climbers—the ability to climb low fifth class rock on top-rope and negotiate a 40 degree snow slope with confidence is adequate.

The course will cover the following areas in a seminar format: leading technical rock climbs, mountain safety and self rescue, and snow and ice climbing techniques. We spend the remainder of the course climbing some of the Northwest's finest alpine routes, such as the West Ridge of Forbidden Peak and the North Face of Mount Maude. The instructor-to-student ratio is approximately one-to-one, which allows personalized instruction.

The course will run from mid-March through the end of August, requiring about two weekends per month. Contact Mike Bingle for further class details, specific dates, and a course application and information packet. March 6th is the last date to request information packets, and completed applications are due no later than March 10th.

Mike Bingle
206-662-4929 (w) 935-3992 (h) before 9 p.m.
michael.g.bingle@boeing.com

Calling Intermediate Climbing Class Instructors

Wednesday, February 18th is the date for the Intermediate Class Instructor Kickoff meeting. The agenda will consist of fine-tuning the format of the class, agreeing on class dates, reviewing instructor qualifications and responsibilities, and choosing the members of the Class Steering Committee.

Previous class instructors and qualified students from last year will automatically receive a meeting packet no later than January 31st. Contact Mike Bingle if you have not received a packet by February 11th. The packet will contain the specific meeting place and time, class administrative notes, a preliminary schedule, and a specific meeting agenda (which will include pizza and beer, of course). We are looking forward to another great year with the class—come along and be a part of it!

Mike Bingle
206-662-4929 (w) 206-935-3992 (h) before 9 p.m.
michael.g.bingle@boeing.com

THE PHOTO BOX

By Shawn M. Paré

THE NEW ECHO COVER & POSTPONMENT OF PHOTO CONTEST TILL JUNE!

The new photo for the February Echo cover was taken during a winter ascent of Mt. Hood in 1991. It was taken on slide film with a small instamatic camera. It captures Allen Erie framed by rime plastered rocks and deep blue sky on this cold and clear, windy day.

I would like to thank Chris Rudesill, Len Kannapell, and Ken Johnson for their submittals and attempt at putting something on the front cover other than one of my pictures. Chris and Len along with myself picked the new cover photo. Photos were judged on proper contrast and composition needed to make a good Echo cover.

In an attempt to get higher Basic class student participation in the club and because of presenter availabilities for the general meetings it was decided to move this years Photo Contest from March to June. This gives everyone an extra three months to take that killer picture that could get you fame and fortune within the ranks of BOEALPS. If June proves to be an unpopular time to hold the photo contest we will be back to the normal March time frame next year.

There are many Red Team Basic class photos from pervious years in the clubs photo album but few inclusions from other teams. If you have photos (prints or slides) of club interest that you would like to donate to the club for inclusion into the photo album send them to me at M/S 0A-90.

Boealps Aid Climbing Seminar

The aid climbing seminar is being offered again to torment the souls of free climbers everywhere. Come and be seduced by the evil joys of the Black Art of aid climbing. Stand in etriers! Bounce test dubious nut placements! Hang from manky bat hooks! Horrify your friends and family! Take part in an activity that is sure to discourage even the most tenacious free climber! Ken Johnson will not be able to teach this year, so I (Tom Rogers) and Brad Walker (Brad a veteran of many Big Walls) will be helping to spread this wonderful forgotten art of climbing. On a more serious note, the workshop will cover aid techniques and equipment. Advanced nut placements, testing, hanging belays, hauling, cleaning, and following will be covered. These skills can be added to your 'bag of tricks' and will increase your ability to place clean protection. If time permits and some garbage rock can be found the basics of iron will be demonstrated too.

There will be an evening seminar on one weekday evening during Feb. (location TBD) and the workshop will be at Index on February-March (date TBD) the same weekend . Participants must have had exposure to setting up anchors and fifth class rock climbing. To register, or ask questions, call **Tom Rogers at 253-773-8517. Please contact me ASAP as the dates may be very soon if not sooner.**

Directions to the Mailbox

by Bill Sunderland

Drive I-90 east to exit 34 (Edgewick Road). Turn left onto 486 Ave SE. Drive a short distance to a "T" in the road. Turn right onto SE Middle Fork Road. When the road comes to a "Y" and forks into SE Middle Fork Road and SE Lake Dorthy Road you may take either, but the Lake Dorthy Road is usually closed off. The two roads will meet again eventually. Where they meet there is a stop sign on the Middle Fork Road. Run the stop sign and turn to the left. Very shortly there after you will come upon an old clear-cut on the hillside on the right side of the road. Park in an area off the left side of the road. In the clear-cut you will see a gravel road blocked by a yellow gate guarded by munchkins. Hike past the gate up the road keeping to the right at a "Y" in the road. Soon the road will re-enter forest. Keep an eye on the left side of the road looking for the usually unmarked trail head. If you come to a stream passing through a culvert under the road you have gone about 100' to far. As luck would have it I visited my dentist Karen D. Sakuma D.D.S. last week and her hygienist Marsha gave me a new tooth brush (not that I don't buy them on my own, I usually buy a new one every three months or so). So anyhow I had my old tooth brush with me and that is now marking the trail head as per tradition. So look for a Crest complete tooth brush with a black and blue handle with soft bristles stuck in the ground at the trail head. If you see any other type of tooth brush it's the wrong trail. Make sure you test the bristles with your thumb to ensure they are soft bristles. Don't rely on the color alone to identify the tooth brush.

So now you're on the trail. The trail passes through second growth forest. Listen for the sound of enchanted wood-nymphs playing their well lubricated Sousaphones. Don't expect to see them though, they bury themselves up to their necks in the mud and place manure on their heads to disguise themselves so people won't step on them. They play old Gilbert and Sullivan show tunes -- badly. Expect to hear a few bars of "Three Little Maids from School" from the Mikado played over and over. When you reach a stream do not cross it. For God's sake whatever you do, do not cross it. The trail clearly turns to the left and heads away from the stream, so don't cross the stream. Only a very stupid person would cross that stream. If you do cross the stream, throw these instructions away, they won't help you anymore. Now that you haven't crossed the stream (I sure hope you didn't cross that stream) follow the trail, still flat for a short distance. Ignore the fresh meat hanging from trees, they're just there to attract grizzly bears. The local chapter of the Brownie Scouts has been collecting sperm samples from the grizzly bear population for a 4-H club science project. This means the male grizzlies are fairly docile, but the sows may be a bit testy (seems backwards doesn't it). The project has had a negative impact on both the population of Grizzly bears and Brownie Scouts, but the results are expected to radically change the way we use cellophane. Soon the trail starts to go up. If you're not sure which way this is, stand, then look down at your feet. Now snap your head backwards really hard so your neck swivels 180 degrees. You are now looking up. That's where the trail goes. Now would be a good time to call a chiropractor to have your neck realigned.

The trail turns into a series of short, steep switch backs. You should be going up. If you're not going up you're going down. That's the wrong way to the Mailbox, but it's the right way away from it.Much, much later, after you've answered all the riddles, evaded the demented boccie ball players and finished giving Barbara Bush her sponge bath, you'll leave the forest and enter a non-forest. Don't be afraid if you haven't been in a non-forest before. It's just like a forest except there aren't any trees and usually there's some other stuff. This is a good place to get lost. Before the trail leaves the forest it can be hard to follow. If you do get lost stop and ask directions. There's a Texaco station back on 486 Ave SE. They probably won't be able to help you but you could get some beef jerky and cigarettes. So now that you're back on the trail stay on it. Don't get lost again and don't go back and cross that stream either. The trail wanders through grasses, huckleberry and shrubs working its way up to the bottom of a large rock pile. I'd like to get my hands on the pinhead who put that rock pile there. It's really in the way. If you have time move it. If you're in a hurry just move half of it for now. You can move the other half on the way back down. If you look up the rock pile you'll see a place where it stops. Go up there. Be careful though, the

rocks are often wet and slippery and many of them are loose and tippy. If you're loose and tippy (and some of us are, but I won't mention any names) you won't mind this so much. But really be careful, and look out for ravenous rock rats. They'll take your feet off at the ankle with only a few dozen bites from their nasty yellow teeth. If you picked up my tooth brush on the way in you might give it them. And if you have some dental floss they could use that too.

Once you're past the rock pile you can see the summit. It's the place where the upyness stops and there's downyness all around it. Don't be tempted to stop at the souvenir shops, you can buy the same crap for less from the Hari Krishna's at the airport. Follow the trail past a small rock outcropping, past a dead, wind-blown tree named Harold and up to another rock outcropping that is the summit. Here you will find a Mailbox. The flag is always up on the Mailbox because there's always mail inside. Leave a letter, do some reading, but don't pee into the wind. Bad form. If you see any 10 foot tall, talking seagulls deny you know me, contact a lawyer.

After you've reached the summit, it might be a good idea to go back down. If people don't do this it will eventually get really crowed at the top and there won't be anybody left down here to change the oil in our cars and cook our French fries. To get back down do all the same stuff in reverse order and facing the other way or else you'll trip unless you have eyes in the back of your head in which case I think you're real creepy and I'd like to know which set of eyes your using to read this. But remember the Boccie balls will be flying in the same direction so jump to the left every other time you hear the penguins blow their kazoos and yell "That's all folks!"

(Note: Bill was a member of the infamous 1996 "Green Eggs and Pam" basic class team. He is also responsible for leaving a copy of "Green Eggs and Ham" in the mailbox atop Mailbox Peak for use as a summit register. In his spare time, Bill is the webmaster for the Washington Trails Association web site (<http://www.wta.org/wta/>), home of much useful information. He likes to be asked about synaptic vesicle proteoglycans. Really.)

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW WORK M/S: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

February ECHO staff

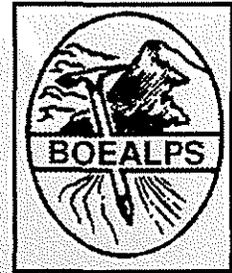
Editor: Mark Hicks
Activities/calendar report: Rich Baldwin
Conservation report Ed Alejandro
Trip report: Bill Sunderland

Thanks to everyone!!



ALPINE ECHO

March 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	0P-04	425-717-0025	Equipment South	Mike Jacobsen	3E-59	253-657-1438
			christopher.c.rudesill@boeing.com				michael.l.jacobsen@boeing.com
Vice President	Len Kannapell		206-361-7523	Central	Silas Wild		206-527-9453
			E-Mail TBD				silaswild@yahoo.com
Treasurer	Ed Alejandro	7A-26	425-865-2217	North	Andy Roth	U-48	425-342-1308
			ed.alejandros@boeing.com				andrew.s.roth@boeing.com
Secretary	Ilan Angwin	06-03	425-266-9038	East	Kelly McGuckin	19-HC	206-662-4293
			ilan.g.angwin@boeing.com				john.k.mcguckin@boeing.com
Past President	Dan Costello	0A-05	425-717-4495	Librarian	Brian Kenison	2T-40	206-544-0545
			daniel.m.costello@boeing.com				brian.w.kenison@boeing.com
Activities	Rich Baldwin	2H-30	206-544-7580	Membership	Elaine Worden	6H-CJ	425-965-0049
			richard.f.baldwin@boeing.com				elaine.worden@boeing.com
Conservation	Vera Trainer		206-522-7022	Photographer	Shawn Paré	OH-KL	425-342-7134
			Vera.L.Trainer@noaa.gov				shawn.m.pare@boeing.com
	Katy Rusho		206-256-1263	Programs	Eric Bennett	03-92	425-294-2530
			katyr@pmiseattle.com				eric.r.bennett@boeing.com
Echo Editor	Mark Hicks		425-294-0588	Homepage Editor	Rob James		rob.james@gecm.com
			mark.a.hicks@boeing.com	BCAG Recreation	Jake Davis	0F-KA	425-342-8369
Education	Ken Johnson	0U-31	425-266-7659				
			ken.johnson@boeing.com				

Home Page <http://www.accessone.com/~boealps>

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

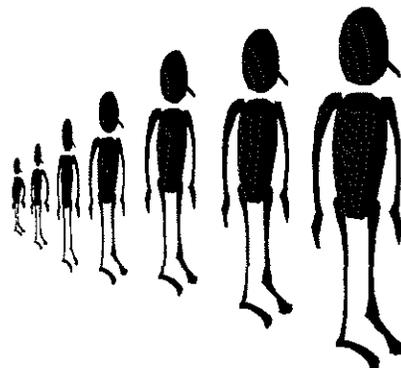
From Elaine Worden 6H-CJ

March General Meeting

JOHN LADEN PRESENTS:

A TRAVEL LOG - THE WANDERINGS OF 30 YEARS
EASTER US - CANADIAN ROCKIES - EUROPE

Oxbow Recreation Center
 Thursday, March 5th
 7:00 PM Social Half Hour
 7:30 PM Main Show



BELAY STANCE

The Echo - Final Edition...

...for those of you who haven't paid your dues. I'm sure none of you could bare the thought of an Echoless month in your lives, what with all the quality articles and trip reports. So send your membership forms in now!

Where Thanks Are Due

I want thank Matt Robertson who has contributed a great deal of effort and much of the content to this issue, which was otherwise kinda dead in the water.

Thanks Matt!

Oops - No Calendar

Sorry folks, there's no calendar for April in this issue, it didn't make it in time. The April calendar will be out in next month's issue, or you can view it on the web once Rob gets it scanned in (and once Rob gets it).

This Issue Includes...

...Board meeting minutes by Ilan Angwin, Conservation Corner by Vera Trainer with news on bolting issues, enough trail maintenance opportunities to satisfy the heartiest of environmentalists, a few articles by Matt Robertson and his BoBaby crew and a piece about a couple of guys ready for the wagon.

Homepage Password

This month's password, you'll never guess, is: **HOOD**

Next Month

Will there be an echo next month? Of course there will, but there won't be much in it without the input from **YOU**, the club members. So write that article you've always thought of writing, real or imagined and send it on in. We'll leave the light on.

From the desk of your editor,



Mark Hicks

APRIL ECHO DEADLINE IS MARCH 19th

March 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4  Basic Class	5 1st Quarter  Club Meeting	6	7
8	9	10	11  Basic Class	12  Board Meeting Full Moon	13	14 BC- Saint Edwards
15 BC- Saint Edwards	16  Intermediate Class	17 St. Patrick's 	18  Basic Class	19  Echo Deadline	20 Spring begins 	21 BC- Mount Erie IC- Horsethief Last Quarter
22 BC- Mount Erie IC- Horsethief	23	24	25  Basic Class	26	27 New Moon	28 BC- Stevens Pass IC- Horsethief
29 BC- Stevens Pass	30  Intermediate Class	31				

The Top 10 Signs You've Chosen the Wrong Mount Everest Guide....

10. The last three days, all you've had to eat is s'mores.
9. Gets lost in the "Sherpa Shack Gift Shop."
8. Makes everyone do upside down shots off the St. Bernard's collar.
7. Every 10 minutes, stops and yells, "RICOLA."
6. Keeps repeating, "Is it me, or is it cold up here?"
5. Two words: Golf Clubs.
4. Won't stop asking everyone, "Is that a piton in your pocket or are you just happy to see me?"
3. Keeps using the oxygen tanks to make balloon animals.
2. Giggles uncontrollably every time somebody says "mount."

And the Number 1 Sign You've Chosen the Wrong Mount Everest Guide...

1. Squeezes your ass then yells, "Hey, if we get stranded we can live off Tubby here for a week!"

hikes • scrambles • ski trips • climbs

The Sisters

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July second.

When July, 2nd-5th
Contact Al Baal
425-266-2551 (W)
206-781-2382 (H)
Limit 12



Mt. Persis - Index Traverse

We will drive in the No Name Creek Road (snow conditions permitting), and take logging roads as far as possible. From there, we will climb Mt. Persis via the west ridge. Depending on time and conditions, we will try to continue over to the main peak of Mt. Index. Basic Class graduate or equivalent, ice axe and crampons required.

When March, 7th
Contact David Steiner or Matt Robertson
206-526-8717 / 206-822-0455 (H)
425-342-3465 / 425-957-5691 (W)
david.s.steiner@boeing.com
matt.robertson@boeing.com
Limit 5



Mt. Baring (6125 ft.)

Gain 3800 ft. from the trailhead up steep forested slopes to the basin, and then to the summit. Ice axe required. Trip may be canceled or postponed, subject to weather and avalanche conditions.

When March, 8th
Contact Dan Goering
425-717-2289 (W)
206-364-6783 (H)
daniel.j.goering@boeing.com
Limit 6



Mt. Persis - Index Traverse

Basic Class grad. or equivalent. All persons must have winter camping gear, avalanche beacons. Contact for more information. (Note: same climb as Matt's and Dave's, different date)

When March, 14th & 15th
Contact Mike Bingle
662-4929 (W)
935-3992 (H)
michael.g.bingle@boeing.com
Limit 6

Twin Falls, Baby Hike

This hike is for parents with pre-toddlers or toddlers. The trail is stroller friendly, and fairly flat. 3-4 year olds can probably walk it on their own; for younger children, bring a stroller or backpack. Whether the trip actually happens will be very weather dependent. Distance: 1 mile round trip, elevation gain: 500 feet. Reference: Footsore 2, pages 54-57.

When April, 18th
Contact Matt/Maren Robertson or David/Natalie Steiner
425-957-5691 (W) 425-342-3465 (W)
425-822-0455 (H) 206-526-8717 (H)
matt.robertson@boeing.com david.s.steiner@pss.boeing.com
Limit 6 Kids + Parents



Cedar Butte Hike

This hike is for parents with pre-toddlers or toddlers. The trail is not stroller friendly and is too tough for toddlers to walk, so be prepared to carry your child in a front pack or back pack. Whether the trip actually happens will be very weather dependent. Distance: 3.8 miles round trip, elevation gain: 1,000 feet. Note: the final .8 mile gains 900 feet of elevation, so be prepared for a steep grade.

When March, 21st
Contact Matt/Maren Robertson
206-822-0455 (H)
425-957-5691 (W)
matt.robertson@boeing.com
Limit 4 kids + parents

Non-Boealps Members will have to sign a waiver to participate in Boealps Activities.

Submit activities to

Rich Baldwin
206-544-7580 (W)
206-439-1638 (H)
richard.f.baldwin@boeing.com
Mail Stop: 2H-30

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Al Baal, Matt Robertson, David Steiner,
Dan Goering and Mike Bingle.*

Board Meeting Minutes

February 1998

This month's meeting was held at Mark Hicks' house. In attendance were Rich Baldwin, Len Kannapell, Ilan Angwin, Ed Alejandro, Eric Bennett, Chris Rudesill, Rob James, and Jake Davis.

The board discussed the need for instructors in the basic class. This year's class will be limited to 65 people. The board decided to send an e-mail message to everyone on the club roster to recruit volunteers.

The board discussed the Boealps web site and the need to send the web master the Echo in a electric format for publishing. Web master Rob James encouraged everyone to use the "current conditions" link on the web site to report current conditions club members experience in the mountains.

Ed Alejandro reported that a Friends of the Northwest Avalanche Center is being formed at REI on February 17th to give some focus to our lobbying efforts in Olympia to save the NWAC.

The board decided that Chris Rudesill will write a letter of support on Boealps letterhead to various members of congress in support of NWAC. Jack Davis from Boeing recreation will check the letter to make sure it doesn't imply Boeing supports the NWAC.

Ed Alejandro reported the results from our 1998 budget request. All requests were approved except money for replacement equipment and books. Boeing recommends that we create a replacement fund to pay for replacement and repair of equipment.

Jack Davis of Boeing recreation answered our questions concerning the new policy on who can go on club activities. He will take some of our concerns about liability to the Boeing legal department.

The board decided to give keys to the library to all board members so there is always someone with the key at general meetings. Len will make copies of the keys.

The board will have a special election for the position of vice-president because Len is leaving Boeing and can no longer serve on the board of directors. A special nomination session will take place in March at the general meeting and a special election will take place at the general meeting in April.

The next board meeting will take place at Ed Alejandro's place on March 12th.



CONSERVATION CORNER

Vera Trainer

JOSHUA TREE BOLT REMOVAL

Joshua Tree seeks to eliminate fixed anchors. JT National Park officials have proposed sweeping measures to restrict bolting and reduce climbing in the park. The Backcountry and Wilderness Management Plan, proposes to outlaw all bolting and to remove all slings from fixed anchors. Replacing fixed anchors would also be prohibited and all aging anchors would be removed. Nearly all JT's routes ascend free-standing monoliths which often require fixed anchors for safe descents.

Climbers can voice concerns by contacting JT's superintendent. Say that fixed anchors are necessary for safe climbing and cause little of no visual impact, and mention that JT brings millions of dollars annually into the local economy.
CONTACT: Ernest Quintana, Park Superintendent, JT National Park, 74485 National Park Drive, 29 Palms, CA 92277 or call (760)367-5500

WILDERNESS BOLTING

The Bureau of Land Management (BLM) is proposing to instate (a) wilderness regulations, which would prohibit use of fixed anchors in BLM Wilderness and (b) and excise tax on outdoor-recreation products from skis, climbing gear to binoculars. The BLM plans to make a final ruling about wilderness bolting in April 1998. Climbers can contact their congressional representatives.

from Climbing Magazine, Feb. 1998

HOW MUCH DO WE POLLUTE (AND SPEND TO POLLUTE)?

\$1134: The amount of money the average American spends on gas.

\$590: Estimated annual savings on gas by raising CAFE standards to 45 mpg for cars and 34 mpg for trucks

36,000,000: Number of tons per year of reduced greenhouse gases with above CAFE standards

\$40,000,000,000: Profits of the Big Three automakers over the past three years, despite having to comply with 1990 Clean Air Act Amendments.

Trail Maintenance Projects

Peshastin Pinacles trail maintenance and erosion control.

March 28th or 29th

Warm bodies needed!

Call Al Koury for details 206-365-8516

ACCESS FUND TRAIL PROJECT ALERT: FRENCHMAN COULEE (VANTAGE)

FEBRUARY 28/MARCH 1, 1998

MARCH 7/8, 1998

9:30 a.m. - 4:30 p.m.

This two-weekend project will replace the eroding climbers' paths to places like the M&M Wall and the Powerhouse. We'll also make improvements to eroding sections of the Sunshine Wall trail. Professional trails designer Jim Angell, who led last year's Access Fund projects at Little Si and Exit 38, will lead this project.

We need at least 25 VOLUNTEERS EACH DAY to pull off our plan. No tools or experience are needed! Just have work gloves, wear sturdy shoes, and bring food and water for yourself. Primitive camping is available.

To volunteer, please call or e-mail Andy Fitz, Access Fund coordinator:

Phone: (253) 572-2303

E-mail: fitlan@seanet.com

Please call in advance so we can pre-count the volunteers for each day!

HELP KEEP A WASHINGTON CLIMBING AREA OPEN!

Boealps Aid Climbing Seminar

Final time and date

There will be an evening seminar on **Wednesday March 4th 1998 at the Oxbow Recreation Center (Room 101, downstairs) and the workshop will be at Index on Sunday March 8th 1998.** Participants must have had exposure to setting up anchors and fifth class rock climbing.

To register, or ask questions, call **Tom Rogers at 253-773-8517. Please contact me.**
E-mail: thomas.a.rogers@boeing.com

Inspection/Recall Notice
Charlet Moser Quasar Waterfall Pick,
Batch #1106

It has come to our attention that a small batch (139 pieces) of Quasar Waterfall Picks have been identified as having a manufacturing defect. The defect is in the tempering which causes the picks to bend in use. Picks from the affected batch were distributed world-wide after November 26, 1997 and carry the batch stamp #1106, which can be found close to the top edge of the pick near where it is inserted into the head of the Quasar tool. The affected picks can be found on the Quasar Axe, Quasar Hammer and Quasar Waterfall Pick, sold as a spare part. The affected picks are only from batch #1106 and are only Quasar picks bearing that batch number. No other models of picks are affected. We're sorry for any inconvenience this will cause you. If you have one of these picks please send it to the address below for an immediate replacement. If you have any questions regarding this notice, please call us at the number listed along with this address.

Charlet Moser/Wild Country USA, Inc.
230 East Conway Rd.
Center Conway, NH 03813
(603)356-5590

Cedar Butte

We were looking for a short hike that we could do carrying our 14 month old, and selected Cedar Butte as a likely destination. I wasn't able to find the trip described in any of the guide books I have, so I thought it might be useful to share. To get to the trailhead, take exit 32 from I-90. Head south for 2.7 miles, and just before a sign for Rattlesnake Lake Recreation area turn left onto a gravel road, which is gated at about 200 yards. Park here and walk this road for about a quarter mile. The road now turns right, but there's a trail that continues straight ahead, and an easy to miss sign high up on a telephone pole indicating the "Iron Horse Trail". Leave the road and follow this trail along a barb wire fence on the right side, and a small lakelet or holding pond on the left. After another quarter mile or so, the trail rises up to meet the Iron Horse Trail. Easy and flat walking continues from here for the next half mile, where the trail crosses a trestle over Boxley Creek. Just after the creek crossing a well worn boot trail heads obviously south - this is the way up Cedar Butte. The total distance to the top of Cedar Butte is only 1.8 miles, and the elevation gain is 1000feet. At the trestle, you've come about a mile, but only gained 100 feet. That leaves the last 900 feet of elevation gain for the final .8 mile, so here's where you can start getting your exercise! The trail wanders first through an area that's been logged fairly recently, then climbs up into heavier forest. The trail stays steep all the way to the partially open summit knob, which gives fine views north to Mt. Si and Teneriffe, the Middle Fork Snoqualmie RiverValley, Mailbox Peak and, close to the east, Mt. Washington. If you've only got a couple of hours some morning, and want to get a little exercise, you could do worse than this little blob.

-- Matt, Maren and Bryden Robertson
2/1/98

Little Si BoBaby Outing

February 7, 1998

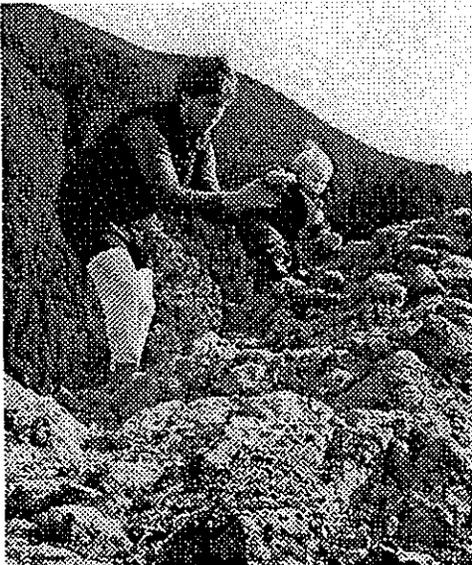
Saturday, February 7 was the date of the first (of hopefully many) BoBaby hikes. Bryden Robertson and Evan Steiner were the only two toddlers to brave the challenge of the mighty, yet innocuous, summit of Little Si (1569'). They each arrived at the trailhead with a porter and a Sherpa to help them on this arduous journey; the porter to carry their gear, and the Sherpa to use an ingenious variation of the short roping technique to aid them in their ascent. Instead of having their Sherpas tie in to them with a short piece of rope, and then help pull them up the mountain, Bryden and Evan decided to skip the rope all together, and, once safely ensconced in their modified "seat" harnesses, had their Sherpas simply wear them. By doing this, one link was eliminated from the safety system, reducing the possibility of gear failure. This seemed to create an environment that felt safe enough to allow both adventurers to nap most of the way to the summit.

Once on the summit, however, the excitement was far too great to sleep - for Evan, the milk bar opened for a little snack, and Bryden became deeply fascinated with some of the local fauna - I believe he was attempting to use one of the native languages of the region when he happily chanted over and over "buppy gog, buppy gog, vuv vuv!" (For you non-parental types out there, I believe this loosely translates to "Puppy dog, puppy dog, woof woof!", referring to the mooching golden retriever that was greeting each new climber, checking to make sure they had at least one of the ten essentials - extra food). After a few obligatory summit photos, the climber's attention turned to the geological aspects of the summit - I believe Bryden determined that the rocks making up this summit massif bore a strong resemblance to the rocks found in our local climbing gym, at least from the aspect of taste, which is where his realm of expertise lies.

Although the weather was wonderful, we did not want to linger too long on this airy pinnacle, so forsaking the summit we started the descent back to the trailhead, knowing we had a supply of fresh diapers waiting for us there. Filled with excitement from his recent zoological and geological discoveries, Bryden decided to take a decidedly botanical bent on the descent, and insisted, as only a 14 month old can, on touching every tree that grew alongside the right hand side of the trail all the way to the base of the Little Si climbing area. There are a lot of trees along the right hand side of the trail between the summit and the climbing area. Evan took a much more sensible approach, and napped.

All kidding aside, the six of us had a great time, and we'd love to see a few more toddlers drag their folks out with them to our next BoBaby outing - March 21st, Cedar Butte. See the activities list in this issue for an outing description and contact info.

-- Matt Robertson



Matt & Bryden Robertson



Maren & Bryden Robertson



Dave & Evan Steiner

A Highland Charade

By Mark Hicks

Featuring Brent Craig

12/97

Friday night had been excessive.

I had a gathering at my house in Lynnwood to celebrate Christmas, some birthdays, a house warming and a soon-to-be trip to Scotland with Brent to attempt some ice climbing. This was more than enough reason to party. A bonn fire, a small keg of overly potent beer, a few bottles of fine single malt whisky and an impromptu wrestling match in the pursuit of unknown or unremembered glories led us into the early hours of the morning.

It was now 8:00 AM Saturday and I was on the road with Brent, headed to Snoqualmie Pass for a winter attempt on the Tooth. My head had at first been swimming from the night before, but now it seemed only to be drowning. I felt bad, but I knew Brent felt worse. He had retired earlier than I last night but not of his own accord. At the party, his inebriated state had reduced his conversation to that of only slightly intelligible rambling, so he opted for his pillow. Wise choice. I wasn't so smart.

Most mornings I would have stayed in bed under such heavy conditions of the head, but with our flight to Scotland leaving in only two weeks, I knew we had to train. I had heard tales of Scots climbing challenging routes with blazing hangovers after a night at the pubs and was determined to emulate this practice in the hope of gaining some endearing cultural insight. The only thing I felt endeared to at the moment was the memory of sober mornings.

We arrived at the Alpentel parking lot feeling wretched. Convinced this was still a good idea, we shouldered our packs and began hiking up the frozen, hard packed trail toward Snow Lakes. 100 yards later we stopped for a water break and to steady ourselves in case we were sick. My head and stomach slowly receded into tolerable discomfort while Brent kept a few paces ahead of me. We pushed hard to reach the bowl leading up to Pineapple Pass in around 1 ½ hours. Not bad for a couple of luses.

I took inventory of myself and felt I was ready to climb. Ah, the Scottish secret; exert yourself to the extent that you no longer are aware of your hangover. Brent? Well, he'd looked better on worse mornings.

"I feel like shit" he says.

Must be the altitude I figured. Onward!

The usual approach for the Tooth is to ascend the notch to the left of Pineapple Pass, then traverse the backside of a small peak and work back towards Pineapple Pass, which sits right at the base of the Tooth. I had been up this way a few times and suggested that instead we ascend the steep gully that leads straight to Pineapple Pass. It was roughly 200' or so to the top and the snow appeared somewhat frozen and consolidated. We eagerly strapped our crampons on and pulled out our second tools, opting to leave the rope in the pack for an easy solo. I kept about 30' behind Brent as he worked up the gradually steepening entry, taking pleasure in the solid placements and front points I managed in the frozen snow and ice. High enough now to have my full attention, a 10' traverse to the left on a 70° bulge put me into the upper portion of the gully, but not without scraping rock beneath the ice a few times with my crampon points, sending small waves of panic through my nervous system.

Deep breath, still in control, full contact with all points! Cool! Except now small waves of white showered down upon me, blinding me and filling my upward gaping mouth with snow.

Hack! Spit! Ptewey! "Hey Brent, how's it goin' up there?"

"oh,...O.K...."

Though he said nothing bad, this didn't sound good.

"Will it go without a rope?"

"Well, I'm at a steep rock bulge with loose snow and no ice; a rope might be wise."

By the time I joined him my senses were electrified with the angle and exposure of the gully. A fall would have meant a quick pinball ride to the snow slopes below, but our stance was solid and our steps deep.

"Good call Brent"

I dug a small perch, big enough for one cheek, at the base of the rock bulge and began to dig out my rack, while retrieving the rope from Brent. There wasn't much room, so he stood in his steps to my left with his axe picks planted in the face above him, hanging on to the shafts for support. I tried as quickly as was reasonable to set up an anchor, but nothing ever happens quickly at moments like these. Brent began hacking and wheezing and to my great surprise puked up his lunch in the snow face right in front of him. I watched in horror as it oozed down the snow, its progress hampered by the cold but still moving unyieldingly toward my position. By a stroke of luck, it found a hole left from his axe shaft and disappeared from sight. I was safe.

"That was a high anxiety, hangover puke." Brent replied, then coughed deeply a few more times and wavered in his stance.

"Hey, you're not going to pass out on me are you?" I asked.

"Oh, God, don't say that! I hadn't thought about that until now!" A short pause, "No, I'm all right".

I finally set an anchor using the quantity over quality method since my options for solid placements were limited. Properly equalized, it wasn't so bad. Sure. You bet.

"On belay" I stated confidently.

By this time Brent had regained his composure and began plowing upward. The snow was steep and thin with only small patches of ice here and there. Much of the rock was exposed but with no sufficient cracks for pro. As I watched his crampons rattle off a few rock faces, I inched my belay position back another foot so he would miss me when he came rocketing down the gully. The final cornice at the top of the pass (it was really just a big notch) required some excavation and a final lunge with his axe into the more solid snow on top. I was now thoroughly buried in snow from Brent's handiwork with the cornice, so I took a moment to clear myself before following the pitch. I was quite impressed with his ability to climb back on the proverbial horse and lead this last, unnerving pitch with no pro, as there was none to be had.

Once at Pineapple Pass we took a breather and looked up at the Tooth. The throngs of climbers ascending and descending above us in typical jugged up fashion made a crowded shopping mall look good. The appeal to summit was gone. We had achieved our climbing ambitions for the day in what we dubbed "Vomit Launch Gully", so home we headed.

As for the Scots, I thought long on their desires and abilities to combine pubs with peaks and concluded that I was in need of further training in this discipline. We had given it a good run for a couple of Americans, but I looked forward to some first hand lessons from the experts on their own turf.

Next stop, Scotland.



ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW WORK M/S: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

March ECHO staff

Editor: Mark Hicks
Activities/calendar report: Rich Baldwin
Conservation report: Vera Trainer
Trip report: Matt Roberson
& Crew

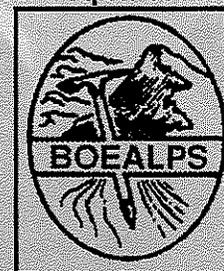
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

April 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	OR-PX 425-717-0025 christopher.c.rudesill@boeing.com	Equipment South	Mike Jacobsen	3E-59 253-657-1438 michael.t.jacobsen@boeing.com
Vice President	Len Kannapell	206-361-7523 E-Mail TBD	Central	Silas Wild	206-527-9453 silaswild@yahoo.com
Treasurer	Ed Alejandro	7A-26 425-865-2217 ed.alejandro@boeing.com	North	Andy Roth	U-48 425-342-1308 andrew.s.roth@boeing.com
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Activities	Rich Baldwin	2H-30 206-544-7580 richard.f.baldwin@boeing.com	Membership	Elaine Worden	6H-CJ 425-965-0049 elaine.worden@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Photographer	Shawn Paré	OH-KL 425-342-7134 shawn.m.pare@boeing.com
	Katy Rusho	206-256-1263 katyr@pmiseattle.com	Programs	Eric Bennett	03-92 425-294-2530 eric.r.bennett@boeing.com
Echo Editor	Mark Hicks	425-294-0588 mark.a.hicks@boeing.com	Homepage Editor	Rob James	rob.james@gecm.com
Education	Ken Johnson	0U-31 425-266-7659 ken.johnson@boeing.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369
			Home Page	http://www.accessone.com/~boealps	

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

From Elaine Worden 6H-CJ

April General Meeting

Rick Rozell presents a North Karakoram Ski Trek following one of Shipton's routes through Northern Pakistan.

Also:

A new vice president will be elected based on YOUR vote.

Oxbow Recreation Center

7:00 Snack and Chat

7:30 Election of new VP

Club Business

Main Show

BELAY STANCE

New Vice President

Len Kannapell, our estimable VP, has been required to step down from his position. He no longer works for Boeing and therefore cannot reside as an elected officer. During the **April General Meeting**, two new nominees will be voted on. They are:

Brent Craig
Rich Baldwin

Show up and cast your vote.

Submitting an activity?

Check out the new Activities Submission form in this month's issue. This form is so that we may provide more consistent and descriptive data on climbs and outings posted in the Echo. Please take advantage of it when sending in an activity.

This Issue Includes...

...Board meeting minutes by Ilan Angwin, Conservation Corner by Katy Rusho with news that is sure to make pedestrians out of all of us and a view of Africa from Sandra Sharp. Matt Robertson reviews some day climbs up Mt. Persis and Mt. Washington (the one on I-90) and Valerie Journey Hagman recounts her first ascent of Mt. Rainier.

Homepage Password

The new password for the homepage is: **SLESSE**

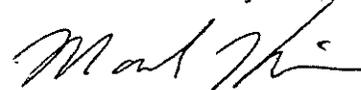
This is used when accessing the Activities or Club roster sections of the homepage.

Next Month

May General Meeting - Club member James Farkas reveals his trip to Nepal and India.

Thanks everyone for all of the great articles and input that made this issue happen!

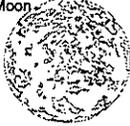
From the desk of your editor,



Mark Hicks

MAY ECHO DEADLINE IS APRIL 16th

April 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 April Fools Day Basic Class 	2 Club Meeting 	3 1st Quarter	4 BC- Experience Climb #1 Snoqualmie Pass IC- Snow Outing
5 BC- Experience Climb #1 Snoqualmie Pass Daylight Savings--set ahead 1 hour IC- Snow Outing 	6	7	8 Basic Class 	9 Board Meeting 	10 Good Friday	11 Full Moon 
12 Easter	13	14	15 Basic Class 	16 Echo Deadline 	17	18 BC- Experience Climb #2, Devils Peak
19 BC- Experience Climb #2, Devils Peak Last Quarter	20 Intermediate Class 	21	22 Basic Class 	23	24	25 BC- Experience Climb #3, Devils Peak IC- Rescue Techniques
26 BC- Experience Climb #3, Devils Peak IC- Rescue Techniques New Moon	27	28	29 Basic Class 	30		

May 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 BC- Leavenworth
3 1st Quarter BC- Leavenworth	4 Intermediate Class 	5	6 Basic Class 	7 Club Meeting 	8	9 BC- Tatoosh IC- Vertical World
10 BC- Tatoosh Mother's Day	11 Full Moon 	12	13 Basic Class 	14 Board Meeting 	15	16 BC- Crevasse Rescue IC- Smith Rock
17 BC- Crevasse Rescue IC- Smith Rock	18 Last Quarter	19	20 Basic Class 	21 Echo Deadline 	22	23
24	25 Memorial Day (Observed) New Moon	26 Intermediate Class 	27	28	29	30 BC- Graduation Climb IC- Squamish
31 BC- Graduation Climb IC- Squamish						

hikes • scrambles • ski trips • climbs

The Sisters

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July second.

When July, 2nd-5th
Contact Al Baal
425-266-2551 (W)
206-781-2382 (H)
Limit 12



Twin Falls, Baby Hike

This hike is for parents with pre-toddlers or toddlers. The trail is stroller friendly, and fairly flat. 3-4 year olds can probably walk it on their own; for younger children, bring a stroller or backpack. Whether the trip actually happens will be very weather dependent. Distance: 1 mile round trip, elevation gain: 500 feet. Reference: Footsore 2, pages 54-57.

When April, 18th
Contact Matt/Maren Robertson or David/Natalie Steiner
425-957-5691 (W) 425-342-3465 (W)
425-822-0455 (H) 206-526-8717 (H)
matt.robertson@boeing.com david.s.steiner@pss.boeing.com
Limit 6 Kids and Parents



Klawatti, Austeria and Eldorado Peaks

The trip will start early Saturday morning meeting for breakfast in Marblemount followed by the long climb up to a basecamp below Eldorado Peak. Possible climb of Eldorado on Saturday. Sunday will shall climb both Klawatti and Austeria Peaks. Monday morning climb Eldorado or climb on local crags followed by the afternoon descent to the cars. Party size limit for North Cascades National Park will apply.

When Memorial Day Weekend
Contact Kathy or Jerry Baillie 206-283-6870
jerald.c.baillie@boeing.com
hhsjkb@vmmc.org

Non Boealps Members will have to sign a waiver to participate Boealps Activities.

Submit activities to

Rich Baldwin
206-544-7580 (W)
206-439-1638 (H)
richard.f.baldwin@boeing.com
Mail Stop: 2H-30

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Keep them coming!!*

Al Baal, Matt Robertson and David Steiner.

Starting in May activities in the Echo are going to have a different look with more information required to be put in the Echo. Please send comments and observations to the activity chair person. (see new form in this issue)

Boealps June Campout

- Where:** Eightmile Campground, near Leavenworth.
At the Group Site, on the left as you enter the campground.
- When:** June, 19-21, 1997.
- Who:** All club members, family, friends.
- What:** Rock Climbing, Hiking, Cycling, Bragging, Lounging.
- How:** Return the attached form by June 8th. Please bring a food item to share with the other members for the Saturday night potluck dinner.
Last name begins with:
A-C Chips and Dip
D-N Side Dish (veggie's, fruit or salad)
O-Z Desert
(Boealps will provide chicken, hamburgers and the soft drinks.)
- Rules:** A quiet sleeping area will be reserved for members who want an early bedtime. Please ask where it is before setting up your tent. Loud and wild behavior will be limited to just after 10pm. Please note that some people will stay up very late around the ol' campfire.

June Campout Response Form

(RSVP requested by Monday, June 8)

Name: _____

Number Attending: _____

Potluck Dish: _____

Would like to help with campout? Yes / No

Send response to: Richard Baldwin

Mail: MS: 2M-14

Home: 14224 55th Ave. S.
Tukwila, WA 98168

E-mail: richard.f.baldwin@boeing.com

Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: () _____ (Work)
() _____ (Home)
E-Mail: _____
M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Rich Baldwin
206-544-7580 (W)
206-439-1638 (H)
richard.f.baldwin@boeing.com
Mail Stop: 2H-30

Board Meeting Minutes

March 1998

This month's meeting was held at Ed Alejandro house. In attendance were Rich Baldwin, Len Kannapell, Ilan Angwin, Bryan Kenison, Eric Bennett, Chris Rudesill, Mark Hicks, Katy Rusho, Mike Bingle, and Sean Pare.

The board discussed advertising trips in the Echo and the need to have enough information in the Echo for people to make a decision about going on a trip. Len Kannapell will make a new form to be filled out for advertising trips.

The board discussed how to fund the upkeep of equipment now that Boeing recreation expressed a desire to not fund this. Two options were suggested and both will be discussed at the next general meeting.

- Increase dues to cover the cost of maintaining equipment
- Put 1/3 of money for new equipment put into a repair and maintenance fund.

In response to the new Boeing recreation policy on membership, the board proposed to write up a new by-law to cover the procedure for bringing new members from outside Boeing into the club.

The board decided to discuss the status of the Agris Moruss fund at the next board meeting.

Mike Bingle reported the Intermediate class is going ahead with 11 students this year.

The board decided to try putting out a new Echo cover picture every three months.

The next board meeting will take place at Rich Baldwin's place on April 9th.

An Urgent Message from your BOEALPS Librarian:

Donate your Climbing Books, Videos, Magazines

In the continuing effort to enhance the quality and quantity of our Library, I am looking for different methods of acquiring materials. Many of us own books, possibly videos and even magazines (of the climbing variety) which although not used on a regular basis, could be donated so that others could enjoy. If this is you, and have an overpowering urge to share your wealth of knowledge and information with your fellow climbers, please contact me through e-mail, phone, or snail mail.



Brian Kenison
M/S 2T-40
(206)544-0545
brian.kenison@pss.boeing.com

Recall Notice

For Immediate Release
March 12, 1998
Release # 98-080

Contact: Nicolette Humphries
(301) 504-0580 Ext. 1185

CPSC, Misty Mountain Threadworks Inc. Announce Recall of Climbing Harness

WASHINGTON, D.C. - In cooperation with the U.S. Consumer Product Safety Commission (CPSC), Misty Mountain Threadworks Inc. of Banner Elk, N.C., is recalling about 5,000 climbingharnesses with a front entry sleeve system. If attached incorrectly, the climber's swami belt can be held by only a small piece of elastic behind the sleeve. Climbers who don't realize this mistake create a dangerous situation where the belay/rappel loop tears through the elastic webbing, potentially causing the climber to flip backwards, possibly causing injury.

Misty Mountain Threadworks is aware of at least three incidents where climbers have ripped the elastic webbing, but there have been no injuries reported.

The front entry sleeve is used in four different harness styles by the company -- Arete, Finesse, Quantum and Cadillac Big Wall. All the harnesses have black nylon webbing with various additional color and design combination features. The tag on the harness reads, "Misty Mountain Threadworks." A label on the harness shows the manufacture date. The recalled harnesses were manufactured from August 1996 through September 1997. The harness comes in a blue box showing a photo of a mountain labeled Dhulagiri from Pun Hill, Nepal.

Outdoor and climbing shops, climbing gear catalogs and Misty Mountain Threadworks sold these harnesses from August 1996 through March 1998 for about \$42 to \$80, depending on the model.

Climbers who have a Misty Mountain Threadworks harness with a front entry sleeve should stop using the harness and immediately return it to Misty Mountain Threadworks. The harness will be repaired and returned promptly. Send your harness for repair to Misty Mountain Threadworks, 718 Burma Road, Banner Elk, NC 28604. For more information, call Misty Mountain Threadworks collect at (704) 963-6688 between 9 a.m. to 5 p.m. EST Monday through Friday. You may also contact them by electronic mail at info@mistymountain.com.

Note: To access a full-color version of the product photo in JPEG (JPG) format, go to this press release on CPSC's web site at:

<http://www.cpsc.gov/cpsc/pub/prerel/prhtml98/98080.html>

Gear For Sale

By Brian Sato
(425) 649-8926

Climbing

- \$95 Leather Boots $\frac{3}{4}$ steel shank Fabiano Rainier size 7 mens
- \$300 Plastic Climbing Boots Lowa Denali w/ red-hot liners size 8 $\frac{1}{2}$ mens (used twice)
- \$75 OR Goretex Expedition Mittens size L red/black (used twice)
- \$75 OR X-Gator overboots size L red/black (never used)
- \$10 Head lamp
- \$20 MSR Stainless Steel 2-pot set
- \$2 Sigg Aluminum pot
- \$5 Deluxe Pot holder
- \$3 Pot holder
- \$60 MSR XGK-II stove
- \$25 Thermarest $\frac{3}{4}$ standard

Tele-Ski Gear

- \$150 Rossignol Haute Route skis w/Rottefella 3-pin cable bindings (spare cable included) 200cm
- \$100 Merrell Ultra Tele boots size 7 mens
- \$50 Coll-Tex Climbing skins (spare clips included)
- \$8 Voile heel lifts
- \$160 Scarpa Terminator I tele boots size 5 $\frac{1}{2}$ mens (7-street shoes)
- \$35 Rottefella 3-pin bindings w/Voile plates
- \$10 Atomic ski bag
- \$15 Kastle ski bag

Clothing

- \$10 100% wool pants 30" waist
- \$8 Grey Pile pants 30" waist
- \$3/ea Thorlo med. weight socks 2-blue/2-white
- \$3 Light weight liner socks

Alpine Ski Gear

- \$60 Kazama Airflocomp w/Look 3-D bindings 207cm (alpine skis)
- \$125 Lange XR-9 boots size 6 mens (7-street shoes)
- \$100 Nordica Grand Prix size 8 wmnns

Miscellaneous

- \$50 Sorel Carabou size 8 mens (snow boots)

Some interesting stats on Rainier - Sorry - they are not really reader friendly

from 1800's to the present

C: number of climbers S: number successful

Year	C	S		Year	C	S		Year	C	S
1852*	4	0		1950	238	141		1973	4471	2691
1854*	2	2		1951	335	209		1974	5509	3590
1857	5	0		1952	294	188		1975	6143	3564
1870**	5	4		1953	365	252		1976	6567	3397
1883	4	3		1954	558	234		1977	6523	3784
1884	3	3		1955	446	221		1978	6436	3088
1886	8	0		1956	557	406		1979	7881	4143
1888	7	7		1957	675	373		1980	7690	3939
1889	9	9		1958	531	388		1981	7487	3912
1890***	10	10		1959	765	499		1982	8358	4961
1891	18	18		1960	712	422		1983	7672	3658
1892	10	10		1961	1037	599		1984	7374	4073
1893	4	5		1962	922	647		1985	7368	4016
1894	20	20		1963	1230	746		1986	7987	4460
1896	13	12		1964	1347	774		1987	7589	3826
1897+	58	58		1965	1376	868		1988	7284	4039
				1966	1894	1304		1989	7449	3757
				1967	2218	1674		1990	8336	4534
				1968	2244	1424		1991	8918	4772
				1969	2441	1647		1992	9422	5508
				1970	3192	1972		1993	9846	4894
				1971	3681	2149		1994	9220	4711
				1972	3997	2685		1995	10,373	5209
								1996	9340	5136

AGRIS MORUSS MEMORIAL FUND

Applications are currently being accepted for the 1998 Agris Moruss Memorial Fund grant. The grant is offered each year to help meet the expenses of a worthy climbing endeavor attempted by BOEALPS members. Past grants have been awarded for trips around the globe. The trip's sense of exploration and level of challenge for the applying climbers is more important than the technical difficulty of the trip's objective in awarding the grant. The size of the grant is at the sole discretion of the Board of Trustees, but is generally about \$100.

The grant is offered in memory of Agris Moruss, a long time club member and an active climber who lost his life leading a Basic Class climb of Lundin Peak in 1982. The only application requirements are that you are a current BOEALPS member, you attempt the climbing trip this year, and (if awarded the grant) that you write a letter of appreciation to Agris' father. In addition, I personally ask that you write up a trip report for the Echo.

Also, in this month's Echo, you will find an article which includes a brief biography of Agris and provides details about the fund. You may apply by writing with a letter outlining your trip and the reason you feel it meets the criteria for the grant. Applications must be received by May 14. Send them to:

Dan Costello M/S 0A-05 or 4320 Aurora Ave. N. Apt N201
Everett, WA 98103

Attention Rock Climbers: keep your eye out for a 300' blue static line

Some friends of mine had just finished replacing three manky bolts at the top of the second pitch (sandbag A1) of the Golden Arch on Index Upper Town Wall. With a brand new anchor for a crazy next pitch (spectacular A3+ through a series of roofs), they were geared up to complete the climb the following week. When they returned, their brand new 300' blue static line was gone! Please contact me if you see some shady looking people with a brand new static line.

Thanks,

Summer Locke
summer.locke@pss.boeing.com

THE AGRIS MORUSS MEMORIAL FUND

BACKGROUND

Agris Moruss was born in Latvia in 1941, the scene of bitter battles between German and Russian troops during World War II. He spent his early years in a displaced persons camp in Germany before coming to Longview, Washington with his family in 1949. He received his degree in Engineering from the University of Washington, then joined Boeing.

He took the BOEALPS Basic Climbing Course in 1974. Not only was he by far the strongest student but also one of the most popular; both with his fellow students and his instructors. His quiet manner, his willingness to always do far more than his share, and his unforgettable smile left their mark.

After the class ended, he climbed virtually every weekend, with instructors, classmates and others. While he quickly demonstrated his ability to successfully climb at ever-higher levels, he seemed equally happy being on modest routes with companions of mediocre abilities and stamina.

Less than two years after finishing the Basic Class, he was invited to join some of his instructors and other veteran climbers on a McKinley climb. Though he had only a fraction of the experience of the other party members, he pulled the heaviest sled, led the toughest pitches, carried the heaviest pack, and always did far more than his share of camp chores. Returning from the summit, the team members gave him a book inscribed, "to the most inspirational member of the 1976 McKinley expedition.:

He began instructing in the BOEALPS Basic Course in 1977, generously sharing his energy and enthusiasm with students and his fellow instructors. Unlike some of the other instructors, he would patiently follow the slowest students down from the summits, occasionally carrying their packs atop of his. He cheerfully took the least popular routes; and , on more than one occasion, assisted in evacuating students with injuries or fatigue.

On May 8, 1980 eight teams from the Basic Class set out from Narada Falls and Longmire aiming at virtually all the Tatoosh Range summits. When Saint Helens erupted the sky suddenly turned black, as did the ash-covered snow. All the climbers and instructors quickly forgot their summits and thought only of a quick descent. All, except for Agris. He kicked steps straight up to the top of a steep ridge at an incredible pace, just to see if I could get a better view.:

In 1982 Agris decided to take a sabbatical from teaching to accomplish some other goals. One of these was to run in the Boston Marathon, his first ever marathon. His goals were to finish in less than four hours, and within the first two thousand; he accomplished both. On a Sunday morning just two weeks later he showed up at Snoqualmie Pass, volunteering to fill in for a missing instructor and take a team up Lundin Peak. The summit rocks were covered with a very thin layer of frozen fog. Within just a few feet of reaching a solid anchor where he could safely belay the rest of his party to the summit, he slipped, and disappeared into the white-out far below.

A few days later more than a thousand of those who had been privileged to have known Agris gathered for a memorial service. Not only were there hundreds of climbers, but also his skiing friends, his bicycling companions, his fellow workers from Boeing, and hundreds of friends of all ages from the Northwest Latvian community. Many of these wanted to contribute to "something to help us remember Agris;" by the end of the evening well over a thousand dollars had been left on a table. That is how the Fund began, very spontaneously and very emotionally.

Over the years the fund has grown, through additional donations and through appreciation. Each year applications are considered for a grant or grants from the Fund. Those applications which best exemplify the spirit in which Agris climbed, and where such a grant might significantly support the attainment of a challenging mountaineering objective, have been awarded financial assistance.



CONSERVATION CORNER

By Katy Rusho



“HEY YOU! YES, YOU! I’m KONSERVATION KARL, and I say: Take to the Hills! Watch out for the flood! Quit Driving Your Car, and if you don’t drive, DON’T START! I’m here to talk to you about power, energy, electricity, fuel...”

DRIVING=BURNING CARBON=CO2 EMISSIONS

Did you know that the AVERAGE AMERICAN (that means YOU!) produces 5 times more CO2 than our WORLD contemporaries?! (That means, nobody in China, Russia, Europe, Africa or South America makes as much a mess as us! It’s true!) (And don’t try to blame it on “industry”! In Washington state alone, if we shut off all the lights and closed all the businesses – that would only decrease CO2 production in our state by a measly 5%!) Individuals can make a difference.

Did you know that CO2 in our atmosphere causes GLOBAL TEMPERATURES TO RISE?!

Did you know that current fluctuations (i.e. increases) in temperature are NOT NORMAL climatic conditions?!

At the rate that the earth’s temperature is rising, we will face – within 100 years – within the life time of our kids – temperatures up to 12 degrees Fahrenheit warmer than today!

“Great!” you say if you live in the cold and rainy Pacific Northwest.

“NOT” I say. What it really means is:

1. less water (i.e. snow, rain, rivers, lakes)
2. less land suitable for agriculture (just think about where all those yummy fruits and vegetables come from!)
3. Washington state will be a desert like Arizona! (ok, maybe that’s a bit exaggerated, but you get the point!)

The plants and animals (us included) are created to adapt to minor fluctuations in temperature over time (i.e. centuries, not decades). Twelve Degrees is not minor! We may not survive it! A lot of our favorite animals won’t either! All those GLACIATED PEAKS we love to climb definitely will NOT be the same as they are today! (Like Mt. Rainier! Like Glacier Peak! Like Mt. Baker!) Where will we climb and ski? Where will we practice Crevasse Rescue?

SO, STOP DRIVING. RIDE YOUR BIKE! TAKE THE BUS! DEMAND BETTER PUBLIC TRANSPORTATION! POLITICIANS ARE IN THE POCKETS OR BIG BUSINESS. BIG BUSINESS MAKES ITS MONEY DIGGING UP COAL AND OIL! (At least in this particular industry). IF YOU DON’T USE THEIR SERVICES THEY’LL HAVE TO COME UP WITH SOMETHING BETTER TO SELL!

DON’T USE OIL.

DON’T USE COAL.

CALL FOR OPTIONS FOR YOUR POWER NEEDS – SOLAR, WIND, NATURAL GAS (but be on a diet with NG – burning it also produces CO2).

YOU CAN MAKE A DIFFERENCE! But do it NOW, because one of these days it really will be TOO late! Sorry to sound negative, but now is the time, that day is coming soon!

Brought to you by:

The Mountaineers 1998 Northwest Environmental Issues Course

Summary of Lecture on Energy and Transportation

Guest Speakers: Mark Glyde, Northwest Energy Coalition

Dr. Richard Gammon, University of Washington Atmospheric Sciences

Rhys Roth, The Atmosphere Alliance

Additional Abstract of Lecture:

Two-thirds of the electricity used in the Northwest is generated from hydropower sources, mostly large dams on the Columbia and Snake Rivers. This resource provides plentiful power at low rates, and has attracted major industries, like aluminum smelting, to the Northwest. However, the dams are implicated in the devastating decline in salmon runs in the Columbia and Snake River systems. (Several species are currently listed as "threatened" under the Endangered Species Act). Restoring these runs might require drastic changes in how the dams are operated, reducing power generation. Growing population and energy deregulation further add to the complicated mix of issues surrounding electricity generation in the Northwest. The international scientific consensus is that climate change has already begun, and (geologically) rapid warming will occur during the next 100 years. Rapid changes in the global climate have critical implications for the biological systems on which we depend, as well as on the political and economic fabric of our lives. In the Northwest, global warming is likely to cause disruptive weather changes, including rising sea levels, a reduced snowpack with higher snow levels, and changing precipitation patterns. These have the potential to severely alter the water flows that feed hydropower facilities. With a low dependence on fossil fuels for electricity, the majority of "greenhouse gases" in the Northwest are generated by transportation – in particular personal automobiles, and specifically single-occupancy, low fuel-efficiency vehicles. To reduce our contribution to global warming we must confront our dependence on personal autos. There are one or two cities in the Northwest that are among the most alternative-transportation friendly in the U.S. Yet dependence on autos is rooted in our land use laws and our tax policies. Reducing the energy used by transportation will require far-reaching changes in how we build our communities.

SUGGESTED READING

1. "The Heat is On: The High Stakes Battle Over Earth's Threatened Climate", Ross Gelbspan
2. "Charging Ahead: The Business of Renewable Energy and What it Means for America", John J. Berger, Henry Holt Press 1997.
3. "The Car and the City", Northwest Environmental Watch, April 1997 (**Error! Bookmark not defined.**)
4. "Common Place: Toward Neighborhood and Regional Design", Kelbaugh, Doug, University of Washington Press, Seattle WA 1997.

I went to Africa over the holidays. I wrote a letter to a girlfriend (another Boealps member) on the last night of the trip. It's not exactly a climbing trip report but you all might find it enjoyable.

Sandra Sharp

Dear Janet,

My last night in Africa. No postcard -- I need to give you word pictures.

This trip was not just a vacation for me; it was a religious experience. Well, maybe 'spiritual' is a better word.

Trekking the high plains of Kilimanjaro - alone except for my African guide - on Christmas Eve morning. Hiking down through the tropical rain forest on Christmas Day, a couple of us singing Walking Through a Winter Wonderland in the warm mist. Lush banana/coffee plantations with throngs of Africans returning from church in their Sunday best. Passing by unpainted hovels and brightly painted juke joints.

Kilimanjaro was a 6 day walk. We took the Machame route up and the Mweke route down. The guides call it the Whiskey route vs. the Coca-Cola route that is more commonly used. Appropriate for our group! The Machame route is more scenic, longer and supposedly more difficult.

It was strange. The first day was through tropical rain forest. Muddy slogging and if you looked down at your feet it seemed like any hike in Western Washington. Then you look up and whoa! Vines and moss and tropical tree ferns and bromeliads and wild impatiens and bizarre trees.

Alpine foliage began to show up later. Since we walked in the clouds and mist most of the time it was still much like being in the Cascades - until, once again, you looked up or out of the corner of your eye and caught sight of some exotic plants in the middle of normal alpine foliage.

84 kilometers over six days and nobody was sore. Something to be said for the tropics.

The beauty of the land of the Serengeti plains is indescribable. People go to see the animals and it is truly amazing to see mixed herds of zebras, wildebeests, gazelles roaming for miles. Or to look over at some particularly beautiful valley and say "oh, some more giraffes". Or to climb a tree on top of a hill at camp and see not only the dawn but a small band of elephants in the distance. But the land itself is what I see in my mind's eye. And the stars and the Milky Way at three am with a warm breeze blowing, pointing out constellations as we gaze in wonder and contentment.

What a sense of peace. We went from the trails and vistas and rainclouds of Kilimanjaro to the plains of the Serengeti to the white sand beaches of Zanzibar.

Whitewashed, stone thatched-roof cottages and buildings were the Palm Beach Inn where we stayed in Zanzibar. In the fishing village of Bwejuu. No stores. No traffic. No real roads. Up at dawn again, playing in the Indian Ocean. Watching the sun rise and the fisherman pole their wooden boats out beyond the reef.

I saw one TV in the Africa I visited (and about half dozen flush toilets).

Maasai roam the countryside tending their cattle and their goats. The towns are poor. The people of Tanzania are strong. (There are no hard core mountaineers in Seattle. When you can climb to 20,000 feet in sandals and old tennis shoes and rags, with no water, carrying 60-70 pounds in a plastic bag on your head and then cook dinner over a wood stove after you've gathered wet wood --- then you are hard core.) There are no fat Africans in the countryside.

Mt. Persis

3/7/98

The intention was to try and do the Mt. Persis - Mt. Index traverse, but due to a couple of missteps early on in the day it became obvious that we'd only reach the summit of Mt. Persis this day - but what a spectacular day it turned out to be! Our first miscalculation was the time it would take to get from Monroe to the trailhead - the roads were snow free, but it still takes almost 45 minutes to drive to the trailhead. If you drive all the way to the trailhead. Which we didn't. Error two: Do not start this climb by parking a half mile short of the trailhead and walking along a short spur of what looks like abandoned logging road! Woe, misfortune, devil's club and lots of lost time are all that await you down this path! After almost an hour of moderate bushwhacking, we managed to emerge back on the logging roads, about 5 minutes from where we parked the cars. Instead of our approach, drive all the way to the trailhead - saves a lot of time, and there's no bushwhacking involved!

Once we actually found the climber's trail, the climb was very enjoyable. The first section of the path passes through an old clear cut, and there are some logs to climb over, but they're not too tough if you're over 6 feet tall. Creative uses of an ice axe serves shorter people quite well. Eventually we climbed out of the old clearcut and started winding our way up an opened timbered slope. There was enough snow on the ground that we couldn't see a trail anymore, so we just followed a path of least resistance, proceeding easily up the left side of the slope. We were treated to a couple of spectacular views north down some gullies that ran from where we had climbed down to the river valley floor - no one wanted to get too close to the edge, but the panoramas of the peaks to the north were quite something. We continued our ascent through open timber up to the false summit, which gave us impressive views of the sheer north face of Persis. Shortly after this, we broke out of the trees onto perfect untracked snow, ice and snow covered trees (looking more like they'd been coated in vanilla frosting than snow), intensely blue sky, and almost unlimited visibility in all directions. The only thing blocking our view was the awesome north face of Mt. Index to the east, barely a mile away. Knowing we no longer needed to rush, since the traverse was no longer on the agenda, we prudently spent the next two hours of our lives basking in the sun on the summit, playing "name that peak", taking lots of pictures, and just enjoying what was one of the most beautiful days I've ever had in the mountains! On the way down, we circled around to the south side of the summit plateau (to check out the traverse route for the next trip up there), and ended up walking along the top of a small corniced ridge. The ridge wasn't more than 15 or 20 feet high on the corniced side, and with the snow so perfect I was unable to contain myself, and leapt from the cornice into powder snow below that was at least hip deep! My ear to ear grin as I came up coated in powder was enough to convince two more of my co-climbers to abandon themselves to gravity, and take the plunge! The rest of the descent was uneventful, with stops here and there to admire more stunning views and take advantage of photo opportunities. A stop at Zeke's on the way home for burgers and shakes capped off a great climbing day.

This a wonderful late winter, early spring climb. There are no technical difficulties, and almost no avalanche hazard. On a clear day it would be hard to recommend a more beautiful summit destination. Climbers: Matt Robertson, David Steiner, Kurt Nelson, Beth Sundquist, "Twitch" Twitchell and Kirk Potts.

-- Matt Robertson



Mt. Washington (I-90)

The weather was not promising blue skies and sunshine, but most of the folks who had signed up for this trip showed up at the appointed hour in Issaquah to head for the Mt. Washington trailhead. At the parking area we were greeted by rain and gray everywhere, with a few glimpses of snow higher up when there was a brief break in the clouds. Only slightly daunted, and our enthusiasm (and only our enthusiasm) undampened, we headed up from the cars to the old railroad grade, and on to the start of the trail. There is now a sign (very small, and very high up on a tree) indicating that this is the "Mt. Wa." trail, but even before this sign was up, the trail was hard to miss. Some of the damage done by bringing in heavy equipment last spring to clear a major log jam has been re-camouflaged by new growth, but the first section of the trail is still very rocky. As we climbed up past the climbing areas (Club Paradiso, The Actual Cave, Chainsaw Bob's and the Peannacle), the clouds actually got thinner, and for a while we had no precipitation falling on us. Just before the creek crossing we passed a major blowdown that has obscured part of the trail - stay close to the creek, and you'll be back on the trail in 50 feet or so.



By the time we hit about 3000', the rain had turned to snow, and there was a fair amount of snow on the ground. We followed boot and snow shoe prints along the trail/creek bed and eventually up onto an old logging road. Here, all the prints headed east along the road grade, and the long route to the summit. We headed west past a small, frozen pond until we found a suitable slope to head directly summit-wards, cutting several miles off the standard route to the summit. Urging the rest of the team to head up and kick me some steps, we started

gaining some elevation. The snow was soft and deep, and it lies over a slash area, so there were numerous and excellent examples of snow swimming and snow floundering! We eventually made it up to a small plateau, and then continued on into the tree bashing section of this route. Fortunately, this section is short, but the trees are short and stocky, and grow together so thickly there is no way to go around them - you just have to put your head down and push through (note: ponchos are not the ideal rain wear for tree bashing!). The trees end at a short, steep wall of snow that put us back up on the logging road again - we followed this left and around a hairpin turn, then picked another likely looking slope and climbed the last 100 or so feet up to the summit. The winds were blowing the snow horizontally (note: ponchos are not the ideal rain wear for strong winds!), so after a quick summit picture we headed west to the subsidiary, but tree sheltered, summit for a quick bite of lunch. Realizing it wasn't going to get hot and sunny any time soon, lunch was a hurried affair, after which we all agreed it was time to head for the cars.

We chose a different slope to descend, allowing for many more examples of snow swimming and post holing before we reached the frozen pond once again. Not content with the adventure so far, the group allowed me to talk them in to trying a "short cut" from the pond straight back down to the trail. While the route certainly covered less distance, it forced us through much more brush (and devil's club) than our meandering ascent route. At one point, the brush was so thick, and the snow was so thin, that I just started wading down the middle of the creek to regain the trail - wet feet seemed better than barked shins and devil's club spines! Once back on the trail, the remaining descent was uneventful - the rain even let up for a while. This wasn't an outing for great views, but it's still a fun late winter/early spring route - I think everyone had a good time! Climbers: Matt Robertson, Kirk Potts, Rob Birchard, Ilan Angwin, Joyce Holloway, Steve Fox, John Fenstra and Harvey Crompton.

-- Matt Robertson 2/21/98

FIRST EXPERIENCES: MT. RAINIER

Friday, July 29, 1988, I leave work early to meet my husband, Tom, and his friend Dick at the parking lot near where they work. We've spent the last week sorting gear and I'm really excited. Mt. Rainier seems so close now. I've been training all season. I'm in shape from running hills, and my legs are strong from our Mt. Adams climb two weeks ago. Strong enough, I hope. This is only my second real climb; my first being Mt. Adams two weeks ago.

Tom makes introductions. Dick has a friendly smile, and seems nice. They have both climbed Rainier before, and are looking forward to doing the Emmons glacier route this time. We drive our old white van, Moby, up to the White River Ranger Station where we are told that the campground is already full. We must look disappointed because the Ranger "remembers" a place we might camp not too far up the trail from the campground.

It's fairly late in the day when we locate the spot and we're ready to turn in early. We pitch the tent on what appears to be the middle of an elk trail. Pointing this out to the guys, they assure me that no elk will be using this trail tonight because there will be a tent in it. I just love this logic (I'm climbing with these guys!). I sleep against the outside wall of the tent, or try to sleep that is, and wonder if an elk's hoof is bigger than a person's head. And would it see the tent in the dark?

We wake up early next morning, untrampled, and get ready to go. Heading up the trail with all our gear it doesn't take long before other climbers are passing us. Why am I always so slow? Why do I have to be so small? Surely, the good Lord made me small for a reason, but I gather this ain't it. We move up Interglacier and then it's a hands and feet scramble up over the rocks at Camp Sherman. Even though I like this part a lot, my pack doesn't. My 40 pound external frame pack occasionally tries to take me one way or another as if trying to escape and I am forced to go along for the ride. I am 5'2" tall and weight 107 pounds (in 1988 remember). This is fun. Hmm, I'm learning lots more than I expected to.

We pitch our tent above Steamboat Prow. The camp is pretty full, and we have a fantastic view of the privy. It's not much of a privy, actually. Really just a couple of plywood boards blocking the wind on one side of a hole in the snow. I'm glad I had thought to sew a zipper all the way around the crotch in my pants. I'm even more glad that I packed my tupperware. Dick tries out his new binoculars.

We turn in before the sun goes down. It's hard to sleep. There are lots of people in the camp, and it's noisy and hot. Besides, I can't help thinking of the icefall we just witnessed. Once, when I was little, an airplane (a jet, no kidding!) missed the airport and tried to land on my house. Now, that jet may have been louder, but an icefall can make a pretty big roar. Even knowing we are clearly out of danger from it, I manage to drift off thinking of how it is the mountain that is in control here, not us puny (especially me) humans with all our hi-tech gear.

We wake at midnight and all I can do is ask how far we are from coffee. Tom is a dear and has it ready. He knows me well. We rope up, and having chatted with the Rangers the day before, decide to head straight up from camp instead of off to the left as planned, due to the danger of weakened snow bridges in that area.

The weather is clear with some wind. It's colder up on this exposed mountainside than it was near the tent and hot coffee. I get chilled and feel a little sick before too long. Adding a sweater takes the chill off, but the granola bar won't go down and I spit it out. I feel awful, because I know it will be up here practically forever. Later, seeing what somebody else has left behind, I don't feel quite so bad.

As we round a crevasse, I can't help noticing its hugeness. My headlamp illuminates the whole of the inside a beautiful icy blue. I am afraid, and awed. And I need a rest.

We find a good spot for a short rest. Looking down from here, the steepness of the mountain presents itself and again I am afraid, and awed.

We seem pretty near the top and I think; it won't be long now. Step, rest. Step, rest. The moon is almost full, and seems so close I think I could reach up and touch her. The 3D effect is amazing. About an hour later we seem pretty near the top, and I think; it won't be long now. Step, rest. Step, rest. Now this particular route isn't considered a technical climb, providing we don't actually fall into a crevasse, but I'm glad I practiced my ice axe arrests. It's a long way down. About an hour later we seem pretty near the top, and I think; it won't be long now. Step, rest. Step, rest. At some point the sun rises. We're on the east side of the mountain and the world turns pink for a moment. I think I'm in heaven. About an hour later we're pretty near the top, and I think; it won't be long now. Step, rest. Step, rest. About seven hours after we began the summit is upon us, and I gratefully sign the register.

Now, I'd been warned that these kinds of climbs are sometimes best appreciated after the fact, and I realize what good advice that was. Right now my overriding sensation is fatigue. My grand idea of walking over to plant my footprints in the crater seems frivolous. Why expend the extra energy? My goal for the trip had been making it down safely, and I'm thinking only of that right now.

The climb down is rewarding, if uneventful. There is the sheer joy of seeing the whole world spread out before us. The thrill of being fully aware of the steepness of our situation (as we are now facing downhill, rather than up). There are crevasses to avoid, and snow bridges to cross at midday.

I'm thankful to be finally walking on plain dirt when we reach the trail back toward the parking lot. I allow my body the luxury of aching, and am excruciatingly aware of my feet. As we plod along, we pass a family hiking up the trail. A tired looking teenage boy asks how far this trail goes. I turn around pointing to the mountain behind me and say, "All the way to the top."

Valerie Journey Hagman

BOEALPS MEMBERSHIP ROSTER

APRIL 1998

NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
AARON, JOHN W	(253) 630-7381	12105 SE 216TH ST	KENT	WA	98031	(206) 544-0953	2H 14
ABBOTT, JOSEPH B	(206) 242-3811	17708 50TH CT SOUTH	SEATTLE	WA	98188	(425) 882-8080	
ACORD, ROBERT W	(425) 255-7215	1720 PIERCE AVE SE	RENTON	WA	98058	(206) 655-5883	1W 03
ADAM, PATRICK M	(425) 423-0749	8106 53RD AVE W #H	MUKILTEO	WA	98275	(206) 386-0825	0P 27
ADELSON, JEREMY	(206) 720-1261	1007 32ND AVE. E #B	SEATTLE	WA	98112	(425) 477-3242	4X 59
ADKINS, MARK C	(425) 513-2727	5527 COLLEGE AVE.	EVERETT	WA	98203		
ALEJANDRO, EDWARD A	(425) 271-4931	6402 108TH AVE SE	NEWCASTLE	WA	98056	(425) 865-2217	7A 26
ALLEN, PETER	(206) 328-1437	3306 16TH AVE S	SEATTLE	WA	98144	(206) 655-5409	4F 03
ALTIZER, ELDEN	(425) 643-5175	5639 126TH AVE SE	BELLEVUE	WA	98006	(425) 342-0157	0H 19
ANDERSON, ERIK B	(425) 232-8908	5655 EAST MERCER WAY	MERCER IS.	WA	98040	(425) 234-1770	68 19
ANDERSON, LOWELL	(206) 772-6284	8225 S 128TH ST	SEATTLE	WA	98178		
ANDERSON, MICHAEL B		17650 134TH AVE SE #E306	RENTON	WA	98058	(425) 234-7523	69 92
ANGWIN, ILAN G	(206) 547-4340	1615 N 35TH ST.	SEATTLE	WA	98103	(425) 266-9038	06 03
ARENS, MARY ANN	(253) 952-3578	32219 16TH PL SW	FEDERAL WAY	WA	98023		
ARENS, WILLIAM J	(253) 952-3518	32219 16TH PL SW	FEDERAL WAY	WA	98023	(425) 234-1387	98 22
ARNOLD, JEFFREY	(253) 859-8768	3314 S 261ST PL	KENT	WA	98032	(206) 662-2772	4C 54
BAAL, ALLEN	(206) 781-2382	756 N 74TH ST	SEATTLE	WA	98103	(425) 266-3551	0T 04
BAILEY, JENNY	(425) 788-7154	18515 NE 186TH ST	WOODINVILLE	WA	98072	(425) 294-0782	
BAILEY, MARK T	(425) 788-7154	18515 NE 186TH ST	WOODINVILLE	WA	98072	(425) 294-0782	02 KU
BAILEY, PATRICIA S		6319 SIXTH AVE NE	SEATTLE	WA	98115	(425) 237-8268	92 20
BAILLIE, JERRY	(206) 283-6870	1120 W WHEELER ST	SEATTLE	WA	98119	(206) 662-1516	43 19
BAILLIE, KATHY	(206) 283-6870	1120 W WHEELER ST	SEATTLE	WA	98119		
BALDWIN, RICHARD F	(206) 439-1638	14224 55TH AVE S	TUKWILA	WA	98188	(206) 544-7580	2M 14
BARRON, DEAN	(425) 868-8001	2932 229TH PL NE	REDMOND	WA	98053	(206) 662-0050	4A 38
BAUCK, TODD	(303) 750-1915	2685 S DAYTON WAY #304	DENVER	CO	80231		AG 00
BAUERMEISTER, WALTER	(206) 232-5697	8320 AVALON DR	MERCER IS.	WA	98040		
BECKEY, FRED		15002 NINTH PL NE	SEATTLE	WA	98155		
BENNETT, ERIC R	(425) 742-4706	3315 133RD ST SW #105	LYNNWOOD	WA	98037	(425) 294-2530	03 92
BINGLE, MIKE	(206) 935-3992	5444 37 AVE SW	SEATTLE	WA	98126	(206) 662-4929	19 MH
BINGO, T DOREEN	(206) 985-2541	1305 NE 70TH ST	SEATTLE	WA	98115	(206) 662-4403	19 MP
BITTNER, AMBROSE	(206) 706-9119	742 N 92ND ST	SEATTLE	WA	98103	(206) 324-0055	
BOLTON, BERNIE B	(206) 542-3469	19604 14TH AVE NW	SHORELINE	WA	98177	(206) 655-0253	4F 50
BOWER, RICK T	(425) 254-9647	408 MONROE AVE NE #106	RENTON	WA	98056	(425) 237-9918	9W CF
BRADY, MIKE	(206) 938-8074	3042 37TH AVE SW	SEATTLE	WA	98126		
BRANDIS, HENRY	(206) 367-0847	14285 SHERWOOD ROAD NW	SEATTLE	WA	98177	(206) 662-2453	43 41
BRENDEMILL, FRITZ	(425) 277-3327	2116 HIGH AVE NE	RENTON	WA	98056	(425) 237-5236	67 62
BRINTON, RUSSELL S	(253) 759-0824	3206 N EIGHTH ST	TACOMA	WA	98406	(206) 655-6146	4T 52
BROWN, BRADLEY C	(253) 627-6131	401 E 26TH ST. #3	TACOMA	WA	98421	(253) 351-5505	5T 51
BROWN, GREGORY G	(425) 775-1708	4510 216TH ST. SW #D	MONTLAKE	WA	98043	(206) 544-8067	14 KA
BROWNELL, MARGARET	(425) 454-0189	2610 98TH AVE NE	BELLEVUE	WA	98004	(425) 234-0394	6C 74
BURBAGE, SCOTT M	(206) 522-2406	8911 12TH AVE. NE	SEATTLE	WA	98115	(425) 266-9835	06 KH
BURROWS, ADRIAN P	(425) 828-2676	11206 NE 68TH ST #221	KIRKLAND	WA	98033	(425) 237-5224	67 65
CAMPBELL, TODD K	(253) 941-3051	28712 41ST AVE S	AUBURN	WA	98001	(253) 773-0997	8J 74
CARROLL, SARAH J	(253) 630-6181	31010 EAST LAKE MORTON DR SE	KENT	WA	98042	(206) 655-8265	14 77
CHANDLER, STACIE M	(425) 222-4999	28515 SE 41ST ST	FALL CITY	WA	98024	(425) 266-9227	08 AF
CHAPLIN, CAREY	(206) 365-8858	349 NW 113TH PL	SEATTLE	WA	98177	(206) 655-8769	45 11
CLOW, SCOTT	(253) 946-1380	5313 SOUTH 301ST CT	AUBURN	WA	98001	(425) 393-8458	3M 17
COLE, DONNA J	(425) 432-6281	22610 186TH AVE SE	RENTON	WA	98058		
COLE, GARY E	(425) 432-6281	22610 186TH AVE SE	RENTON	WA	98058	(206) 662-7915	20 80
COLLERAN, CHRIS	(253) 471-2692	3848 TACOMA AVE S	TACOMA	WA	98408	(253) 846-4419	52 43
COLLINS, RAYMOND F	(206) 248-2709	11222 27TH AVE SW	SEATTLE	WA	98146		
COLYER, CHRISTOPHER TROY	(206) 770-7294	1414 SENECA ST. #306	SEATTLE	WA	98101	(253) 773-5273	8R 35
CONDER, BOB	(206) 526-2970	3047 NE 98TH ST	SEATTLE	WA	98115	(425) 234-6099	6C JF
CONDER, TAMMIE	(206) 526-2970	3047 NE 98TH ST	SEATTLE	WA	98115		
COSTELLO, DANIEL	(206) 679-0105	4320 AURORA AVE N #201	SEATTLE	WA	98103	(425) 717-4495	0A 05
CREEDEN, DAVE	(425) 334-2266	12316 WILLIAMS RD.	EVERETT	WA	98205	(425) 266-5026	04 AF
GROMPTON, HARVEY J	(206) 230-8686	9058 E SHOREWOOD DR #165	MERCER IS.	WA	98040	(425) 294-5665	03 92
DAVIES, LAURIS	(206) 784-5203	319 N 74TH ST	SEATTLE	WA	98103	(206) 553-2857	
DAVIS, DAN	(206) 284-1588	3222 30TH AVE W	SEATTLE	WA	98199		
DAVIS, JAKE						(425) 342-5000	0F KA
DEGER, MATTHEW G	(206) 246-3487	5570 S 152ND ST. #30	TUKWILA	WA	98188	(206) 662-1923	49 99
DELLARCO, DAVID J	(206) 784-5203	319 N 74TH ST	SEATTLE	WA	98103	(206) 553-4978	
DOVEY, DON J	(206) 547-8993	1722 N 45TH ST. #2	SEATTLE	WA	98103	(253) 657-3304	82 04
DOWNS, KENNY M	(253) 891-1380	16511 38TH ST E	SUMNER	WA	98390	(253) 931-6407	5F 11
EDGAR, STEVEN R	(206) 285-6864	1946 SIXTH AVE W	SEATTLE	WA	98119	(425) 227-2025	6Y 01
EGGOLD, DAVID P	(425) 347-9174	328 TAMARACK DR	EVERETT	WA	98203	(425) 342-0904	03 RA
ESTEP, STEPHEN	(206) 935-7181	3808 45TH AVE SW	SEATTLE	WA	98116	(206) 645-6886	50 50
EWING, KAREN S	(425) 483-5633	19612 109TH PL NE	BOTHELL	WA	98011		
EWING, PATRICK D	(425) 483-5633	19612 109TH PL NE	BOTHELL	WA	98011	(425) 237-9222	70 95
FAHLSTROM, DAVID	(206) 361-0290	16860 HAMLIN RD NE	SEATTLE	WA	98155		
FARKAS, JAMES W	(206) 784-3375	139 NW 78TH ST	SEATTLE	WA	98117	(253) 773-3414	8Y 96
FAULKNER, DWIGHT D	(425) 821-4268	8624 NE 126TH PL	KIRKLAND	WA	98034	(206) 662-3117	4T 15
FAY, DENNIS	(425) 271-1145	3501 NE 8TH ST	RENTON	WA	98056	(425) 965-0610	70 04
FENSTRA, JOHN	(425) 483-1069	22911 101ST AVE SE	WOODINVILLE	WA	98072	(425) 342-8356	06 17

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NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
FENSTRA, LISA	(425) 483-1069	22911 101ST AVE SE	WOODINVILLE	WA	98072		
FISH, DAVID	(425) 868-2915	22405 NE 20TH ST	REDMOND	WA	98053	(206) 433-0199	
FLECK, RONALD K	(425) 255-7403	1700 FIELD AVE NE	RENTON	WA	98059	(253) 657-3413	87 85
FOGLER, DONALD L	(253) 852-7449	5736 SOUTH 238TH CT #E3	KENT	WA	98032	(253) 773-7413	8K 85
FOSBERG, JOHN T	(425) 778-3026	3525 227TH ST SW	BRIER	WA	98036	(425) 342-5759	0H 00
FOSBERG, KIRSTIN A	(425) 778-3026	3525 227TH ST SW	BRIER	WA	98036		
FOX, STEVEN	(425) 353-9508	120 SE EVERETT MALL WAY #426	EVERETT	WA	98208	(425) 266-8878	08 AF
FRANK, MICHAEL	(206) 784-3012	644 NW 82ND ST	SEATTLE	WA	98117	(253) 657-0258	3C LX
FRANS, WILLIAM R	(206) 528-2115	740 NE 56TH ST	SEATTLE	WA	98155	(425) 294-1171	05 KJ
FRANZEN, SIGNE M	(206) 935-6485	2742 46TH AVE SW	SEATTLE	WA	98116	(206) 676-2373	
FROSTAD, SCOTT	(206) 783-7378	736 N 98TH ST	SEATTLE	WA	98103	(206) 662-7314	20 87
FUKUDA, DEREK Y	(425) 643-2784	4517 140TH AVE SE	BELLEVUE	WA	98006	(425) 266-6022	02 UE
GARRETT, JANN	(425) 379-2739	10522 30TH DR SE	EVERETT	WA	98208	(425) 266-3970	02 56
GARRETT, WILLIAM	(425) 379-2739	10522 30TH DR SE	EVERETT	WA	98208	(425) 266-8133	0A 05
GASTELUM, DAVID	(425) 432-3607	21237 SE 280TH ST	MAPLE VALLEY	WA	98038	(253) 657-9889	3W 55
GILMOUR, RAYMOND	(206) 860-9271	2219 MINOR AVE E #102	SEATTLE	WA	98102	(425) 342-0062	04 JJ
GOERING, DANIEL J	(206) 364-6783	15002 9TH PL NE	SEATTLE	WA	98155	(425) 717-2289	03 RA
GOODMAN, DONALD J	(425) 452-9589	1657 105TH AVE SE	BELLEVUE	WA	98004	(206) 544-9000	2M 03
GORREMANS, GARY	(425) 485-6134	16619 NE 180TH PL	WOODINVILLE	WA	98072	(425) 957-5576	7M EJ
GOWAN, JOHN J	(425) 774-4792	22206 48TH AVE W	MONTLAKE	WA	98043	(425) 294-8235	02 03
GREENFIELD, JIM	(425) 226-7231	14336 SE 163RD ST	RENTON	WA	98058		
GROOTEMAN, JOHANNES P	(425) 348-9746	11108 CHENNAULT BEACH RD #126	MUKILTEO	WA	98275	(425) 717-6045	08 AF
GRYMEK, WALTER W	(425) 204-9623	10411 SE 174TH ST #3435	RENTON	WA	98055	(425) 965-0112	9W AJ
HAGMAN, VALERIE J	(206) 937-2952	5922 36TH AVE SW	SEATTLE	WA	98126	(253) 931-4130	
HAHNE, EDWARD H	(425) 744-1267	8605 244TH ST SW #F	EDMONDS	WA	98026	(425) 342-0718	03 RA
HAILE, DANICA R	(206) 729-3435	8501 FIFTH AVE NE #304	SEATTLE	WA	98115	(425) 294-7176	07 31
HANSEN, KARYL	(817) 922-8291	3909 SARITA DR	FT WORTH	TX	76109	(817) 777-3355	
HARJU, MARK A	(206) 542-9639	710 N 160TH ST #B303	SHORELINE	WA	98133	(425) 294-3009	06 00
HARP, SUSAN P	(425) 861-0858	13017 176TH PL NE	REDMOND	WA	98052		
HARPER, KEN R	(425) 338-4138	3318 153RD PLACE SE	MILL CREEK	WA	98012	(425) 258-7183	
HARRIS, JANET	(425) 938-3550	7575 44TH AVE SW	SEATTLE	WA	98136	(425) 614-2345	
HARRISON, WILLIAM L	(206) 633-1220	3721 MERIDIAN AVE N	SEATTLE	WA	98103	(206) 662-2487	43 37
HEHN, GARY E	(253) 859-3874	934 E LAUREL	KENT	WA	98031	(425) 237-3931	6C LK
HEIDAL, PATRICK D	(206) 935-0660	1615 44TH AVE SW	SEATTLE	WA	98116	(425) 373-9655	4X 59
HEIDEL, MARK C	(253) 631-6786	24904 183RD PL SE	KENT	WA	98042	(206) 662-6383	36 20
HELPESTELL, MARK	(360) 579-8633	3996 E BAILEY RD	CLINTON	WA	98236	(425) 717-2108	0R 01
HELSEL, MARK P	(206) 517-4861	9425 35TH AVE NE #210	SEATTLE	WA	98115	(206) 623-7055	
HICKS, MARK A	(425) 787-2469	15114 MANOR WAY	LYNNWOOD	WA	98037	(425) 294-0588	02 JA
HILL, TERENCE A	(425) 254-3503	600 SW FIFTH COURT #L105	RENTON	WA	98055		4C 40
HIRABAYASHI, KATHY H	(206) 527-5281	6619 ROOSEVELT WAY NE #208	SEATTLE	WA	98115	(425) 814-5487	
HOLLINGSWORTH, JEFF	(253) 631-8979	18723 SE 268TH ST	KENT	WA	98042	(425) 557-4480	
HOLLOWAY, JOYCE R	(425) 888-4434	15704 451ST AVE SE	NORTH BEND	WA	98045	(425) 477-4393	6F 06
HOPPING, KENNETH A	(425) 861-1762	4117 145TH AVE NE	BELLEVUE	WA	98007	(253) 773-9071	3E 28
HOTTO, FREDERICK M	(425) 357-1029	14032 59TH AVE SE	EVERETT	WA	98208	(425) 717-2551	04 AP
HOWARD, DAN J	(425) 823-0767	10928 NE 117TH PL	KIRKLAND	WA	98034	(425) 266-3018	07 31
HUDSON, TIM	(206) 935-4378	6737 38TH AVE SW	SEATTLE	WA	98126	(425) 393-2706	4X 26
HUEBNER, JACK	(425) 228-1837	432 SMITHERS AVE S	RENTON	WA	98055	(425) 965-5991	6H CE
HUSE, CRAIG	(425) 338-0359	11000 16TH AVE SE #1306	EVERETT	WA	98208		0J 81
ILLI, ERIK A	(206) 674-7130	2401 SW HOLDEN ST. #M105	SEATTLE	WA	98106	(253) 773-9783	86 11
IOANA, BOGDAN	(425) 349-1239	4500 HARBOR POINT BLVD #338	MUKILTEO	WA	98275	(425) 717-3900	0M FF
IOANA, CRISTINA	(425) 349-1239	4500 HARBOR POINT BLVD #338	MUKILTEO	WA	98275		
JACKSON, TIM	(253) 529-0423	26905 9TH AVE S	DES MOINES	WA	98198	(253) 773-8333	8J 74
JACOBSEN, JULIE	(425) 255-3428	11723 SE 167TH ST	RENTON	WA	98058		
JACOBSEN, MICHAEL T	(425) 255-3428	11723 SE 167TH ST	RENTON	WA	98058	(253) 657-1438	3E FR
JAMES, CATHY	(425) 861-0455	9722 159TH PLACE NE	REDMOND	WA	98052		
JAMES, ROBERT	(425) 861-0455	9722 159TH PLACE NE	REDMOND	WA	98052	(206) 544-3033	
JOHNSON, KEN	(206) 361-7523	1015 NE 126TH ST	SEATTLE	WA	98125	(425) 266-7659	0U 31
JOLLY, MARTY B	(253) 852-7924	19801 104TH AVE SE	RENTON	WA	98055	(206) 655-4400	4C 17
KAAS, KEVIN L	(425) 355-8714	9420 49TH AVE W APT 20-G	MUKILTEO	WA	98275	(425) 234-1056	6C MM
KAISER-PARE, PAMELA	(425) 483-0548	2625 169TH ST SE	BOTHELL	WA	98012	(425) 266-9427	08 26
KANNAPPELL, LEONARD P	(206) 361-7523	1015 NE 126TH ST	SEATTLE	WA	98125	(206) 655-8268	4E 69
KASIULIS, ERICK	(425) 641-9653	12239 SE 61ST ST	BELLEVUE	WA	98006	(425) 635-6960	
KELNER, ANDREW P	(425) 787-0727	15517 40TH AVE. W #B208	LYNNWOOD	WA	98037	(425) 342-1320	07 30
KELLER, ROBERT T	(425) 271-9762	11128 SE 168TH ST.	RENTON	WA	98055	(206) 655-7105	4E 09
KINSELLA, CHRIS J	(206) 726-9730	522 LAKESIDE AVE. S. #4	SEATTLE	WA	98144	(425) 717-0604	02 CX
KIRBY, J	(503) 241-4837	228 NW 22ND AVE #308	PORTLAND	OR	97210		
KNESS, STEVE	(253) 838-3860	32320 SECOND AVE SW	FEDERAL WAY	WA	98023	(206) 544-1904	42 97
KNIEVEL, JEREMY R	(206) 706-1227	9532 DAYTON AVE N	SEATTLE	WA	98103	(425) 342-2147	04 JJ
KOEHLER, ERICH	(253) 588-9803	9010 25TH AVE CT S	TACOMA	WA	98409	(253) 773-0714	3E 73
KONGORSKI, KENNETH D	(425) 489-0788	12716 NE 200TH PLACE	BOTHELL	WA	98011	(425) 743-8139	
KOURY, AL	(206) 365-8516	14036 17TH AVE NE	SEATTLE	WA	98125		
KRENZER, RANDY	(425) 235-8812	17844 156TH PLACE SE	RENTON	WA	98058	(425) 477-3852	6E 14
KRENZER, VIRGINIA	(425) 235-8812	17844 156TH PL SE	RENTON	WA	98058		
KRUEGER, LEE R	(425) 868-3924	21312 NE 10TH PL	REDMOND	WA	98053	(425) 234-3407	67 MW

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NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
KRUTCKOFF, TONJA K	(425) 227-6335	18029 143RD AVE. SE	RENTON	WA	98058	(206) 655-8434	1W 82
KUHR, DEREK S	(206) 285-3716	2205 BIGELOW N #4	SEATTLE	WA	98109	(425) 266-9482	02 91
KUIJPER, MARILYN A	(425) 401-9432	3540 LAKE WASH. BLVD. SE #212	BELLEVUE	WA	98006	(206) 544-8423	2L 02
KULSETH, GREGORY T	(206) 542-2136	19316 1ST AVE NW	SHORELINE	WA	98177	(425) 294-8797	0H 54
LARSON, DAVID E	(253) 370-4076	1841 31ST AVE SE	PUYALLUP	WA	98374	(206) 655-6165	19 09
LAW, GUY	(425) 392-3504	16514 TIGER MTN RD SE	ISSAQUAH	WA	98027	(206) 544-8522	2J 58
LAWRENSON, ANDREW J	(206) 248-1877	11441 MILITARY ROAD S	SEATTLE	WA	98168	(206) 665-9126	4T 48
LEIBFRIED, LISA	(425) 255-8815	10308 179TH AVE. NE	REDMOND	WA	98052	(253) 657-0662	3A KP
LEICESTER, JACK	(206) 546-2770	1837 N 200TH ST	SEATTLE	WA	98133		
LIEBERMAN, SARAH B	(206) 860-4362	730 E OLIVE ST	SEATTLE	WA	98122	(253) 773-7940	85 13
LOCKE, SUMMER	(425) 255-7635	18029 143RD AVE. SE	RENTON	WA	98058	(253) 773-9222	8C 80
LOEWENHERZ, CARRIE A	(206) 324-4087	2324 E. WARD ST.	SEATTLE	WA	98112	(425) 266-9750	0H 29
LOFTUS, MARK	(206) 248-0457	16207 EIGHTH AVE S	SEATAC	WA	98148	(253) 773-5945	3E 73
LOGAN, ALAN	(425) 750-5060	10924 MUKILTEO SPDWY #118	MUKILTEO	WA	98275	(425) 342-1935	0P 12
LOPEZ, WILFREDO L	(253) 473-4933	1715 S 44TH ST	TACOMA	WA	98408	(425) 237-2820	92 98
MARSHALL, DEREK	(425) 883-6354	13336 NE 55TH PLACE	BELLEVUE	WA	98005	(425) 717-1416	05 ML
MARTINEZ, FEDERICO	(206) 324-3973	1711 BELLEVUE AVE. #302	SEATTLE	WA	98122	(206) 544-1435	49 53
MASCHOFF, KRISTYN	(206) 784-3012	644 NW 82ND ST	SEATTLE	WA	98117	(206) 325-0800	
MAUK, TIMOTHY P	(206) 522-5081	8012 36TH AVE NE	SEATTLE	WA	98115	(253) 773-3017	8Y 96
MCCARTHY, JEANICE M	(425) 556-6855	11204 184TH PLACE NE #C3107	REDMOND	WA	98052	(425) 234-3864	
MCGUIRE, TIMOTHY N		22835 135TH AVE. SE	KENT	WA	98042	(425) 237-2737	9W 43
MCMULLEN, BRADLEY T	(206) 527-4932	6644 EAST GREENLAKE WAY N	SEATTLE	WA	98103	(425) 234-5864	75 14
MENZER, ART	(206) 782-5670	7751 21ST AVE NW	SEATTLE	WA	98117	(206) 358-7123	
MENZER, KIM	(206) 782-5670	7751 21ST AVE NW	SEATTLE	WA	98117		
MICHELSON, PAUL	(425) 432-3566	27737 215TH AVE SE	KENT	WA	98042	(206) 662-3293	43 30
MIELE, PATRICIA	(425) 277-8038	19914 SE 125TH ST	ISSAQUAH	WA	98027		
MIKOS, JASON P	(253) 886-0929	29121 236TH AVE SE	BLACK DIAMOND	WA	98010		
MIKOS, JOHN V	(253) 886-0929	29121 236TH AVE SE	BLACK DIAMOND	WA	98010	(253) 773-5804	8J 50
MITCHELL, MATHEW E	(206) 275-3705	9038 59TH ST	SEATTLE	WA	98040	(206) 655-3278	41 14
MITCHELL, MICHAEL E	(425) 787-2014	15723 40TH AVE W #F106	LYNNWOOD	WA	98037	(425) 342-4717	0W 15
MIXON, MICHAEL A	(253) 848-6457	12803 131ST AVE CT E	PUYALLUP	WA	98374	(206) 655-3406	4E 49
MONDRZYK, ROBERT J	(425) 432-9578	23805 SE 208TH	MAPLE VALLEY	WA	98038		
MOORMAN, STEVEN B	(206) 870-7702	24324 MILITARY RD S	KENT	WA	98032	(206) 662-8312	20 04
MUFFLY, GERARD R	(425) 334-2182	1701 CRESWELL ROAD	SNOHOMISH	WA	98290	(425) 342-1798	0F 15
MUNOZ, PAUL D	(253) 859-9426	10818 SE 232ND PLACE	KENT	WA	98031	(425) 237-4217	6X UL
MURPHY, DAN	(206) 782-2395	7750 27TH AVE NW	SEATTLE	WA	98117	(206) 655-7743	4E 55
NAGODE, STEVEN	(253) 941-5629	1108 SW 310TH ST	FEDERAL WAY	WA	98023	(253) 891-2577	
NAUGHTON, HEATHER J	(206) 244-8958	3430 S 164TH ST.	SEATTLE	WA	98188	(253) 657-2516	3E FM
NELSON, DIANE	(253) 859-5746	4629 KENT CT	KENT	WA	98032	(425) 237-1606	61 05
NELSON, KELLY T	(206) 241-1144	17806 50TH COURT S	SEATAC	WA	98188	(253) 773-9456	8W 01
NELSON, KURT	(253) 859-5746	4629 KENT CT	KENT	WA	98032		
NELSON, MAREN	(425) 822-0455	6509 114TH AVE NE	KIRKLAND	WA	98033		
NEUBERGER, MICHAEL W	(425) 228-9764	16624 133RD PL SE	RENTON	WA	98058	(206) 662-2515	49 74
NORTH, JULIA A	(425) 831-7100	1420 NW GILMAN BLVD. #2197	ISSAQUAH	WA	98027	(425) 557-3022	
NOVEMBRE, NICOLE J	(206) 275-3705	9038 59TH ST SE	MERCER IS.	WA	98040	(206) 655-6345	4E 49
O'CALLAHAN, JOHN A	(312) 240-0076	151 N MICHIGAN AVE #1218	CHICAGO	IL	60601		
OHMAN, MARTIN P	(206) 986-7353	13619 MUKILTEO SPDWY #D5-491	LYNNWOOD	WA	98037	(425) 294-5857	0U 02
OLDS, KIRSTEN	(206) 243-2171	1611 SW 170TH ST	SEATTLE	WA	98166	(206) 901-1837	
OLIVER, JANET	(425) 413-0298	18017 187TH AVE SE	RENTON	WA	98058		
OLSON, DON	(206) 932-4526	4510 SW DIRECTOR ST	SEATTLE	WA	98136		
OLVER, LIZ	(206) 285-6904	620 W OLYMPIC PLACE #202	SEATTLE	WA	98119	(206) 662-7320	20 79
ORTIZ-APONTE, JAVIER R	(206) 270-8964	1404 10TH AVE W #7	SEATTLE	WA	98119	(425) 234-0316	9U UX
OSTROFF, MICK	(425) 562-9157	14524 SE 13TH PL	BELLEVUE	WA	98007	(425) 266-6009	03 92
OTT, DALE	(253) 838-8314	32521 41ST AVE SW	FEDERAL WAY	WA	98023	(253) 351-5421	5H 93
OTT, TAMLIN K	(253) 639-9978	12416 SE 262ND PLACE	KENT	WA	98031	(206) 662-1289	43 42
OTT, THOMAS	(253) 639-9978	12416 SE 262ND PLACE	KENT	WA	98031	(253) 657-0194	3C JM
OUELLETTE, ANDREW	(425) 486-2376	19312 29TH AVE SE	BOTHELL	WA	98012	(425) 266-9168	03 PX
PACKER, ROBERT	(425) 259-4847	1209 MADRONA AVE	EVERETT	WA	98203	(425) 342-6385	0A 06
PARE, SHAWN	(425) 483-0548	2625 169TH ST SE	BOTHELL	WA	98012	(425) 342-7134	0H KL
PASTOR, JOSE R	(206) 729-7094	9712 WOODLAWN AVE N	SEATTLE	WA	98103	(425) 266-1590	39 PM
PATNOE, MICHAEL	(206) 783-0841	2857 NW 70TH ST	SEATTLE	WA	98117	(253) 773-3885	8H 05
PATTON, DANIEL	(206) 440-8684	14327 36TH AVE NE	SEATTLE	WA	98125	(425) 294-4982	02 WX
PEGG, MICK R	(253) 630-3318	26446 161ST PL SE	KENT	WA	98042	(206) 246-2646	64 12
PERRIN, MARVIN D	(206) 932-5381	6742 37TH AVE SW	SEATTLE	WA	98126	(253) 773-9950	82 05
PERRIN, MARVIN N	(253) 838-9126	37210 32ND AVE S	AUBURN	WA	98001		
PETERSON, KEVIN G	(425) 228 9578	17600 134TH AVE SE #D701	RENTON	WA	98058	(425) 565-1082	6H FK
PHILLIPS, JIM	(425) 486-4484	19316 22ND AVE SE APT D	BOTHELL	WA	98012	(425) 266-3497	07 30
PILCHER, LISLE	(425) 267-0865	10212 EVERGREEN WAY #430	EVERETT	WA	98204	(253) 342-0258	02 TU
PIRSON, CHRISTOPHER J	(425) 432-9593	22130 238TH PL SE	MAPLE VALLEY	WA	98038	(206) 655-0110	14 ME
PISARUCK, MICHAEL A	(206) 937-0602	3446 39TH AVE SW	SEATTLE	WA	98116	(206) 515-8072	
PLIMPTON, JOHN	(206) 525-3786	8760 SAND POINT WAY NE	SEATTLE	WA	98115	(253) 924-3057	
POLLOCK, JOHN		P.O. BOX 27344	SEATTLE	WA	98125	(206) 365-9192	
POTTS, KIRK D	(425) 355-5684	9900 12TH AVE W #M204	EVERETT	WA	98204	(425) 294-1323	09 52
PRICE, EARL	(253) 848-7544	12344 TATOOSH RD E	PUYALLUP	WA	98374	(253) 931-3281	5C AL

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NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
PRIVETT, RICHARD	(253) 770-2586	2102 7TH AVE SW	PUYALLUP	WA	98371	(425) 393-6716	4X 59
PROSTKA, JAMES	(425) 861-0858	13017 176TH PL NE	REDMOND	WA	98052	(425) 237-4993	67 MC
PUGH, PAUL	(253) 813-2139	6707 S 239TH ST #D104	KENT	WA	98032	(206) 662-8182	20 86
PYSCHER, PAUL	(206) 767-7285	5324 16TH AVE S	SEATTLE	WA	98108	(425) 234-4715	9U EL
PYSCHER, RISE	(206) 767-7285	5324 16TH AVE S	SEATTLE	WA	98108	(206) 731-3510	
RAMMER, ROGER	(253) 631-7406	24907 168TH PL SE	KENT	WA	98042	(206) 544-9636	2L 11
RATLIFF, ROY	(206) 932-9412	4301 SW HANFORD #9	SEATTLE	WA	98114	(206) 767-7995	
RAY, STEPHEN D	(360) 659-5315	4824 118TH ST. NE	MARYSVILLE	WA	98271	(425) 342-5288	04 84
RAY, TYLER	(360) 659-5315	4824 118TH ST. NE	MARYSVILLE	WA	98271		
REED, DALE	(206) 243-9129	12027 TENTH AVE S	SEATTLE	WA	98168		
REED, HANK D	(253) 639-3115	12917 SE 231ST WAY	KENT	WA	98031	(425) 234-8689	67 TC
RETKA, PAUL J	(206) 431-5771	16640 51ST AVE S	SEATAC	WA	98188	(253) 773-0152	3F 06
RHODES, KAINLUCK	(206) 241-5833	13737 45TH AVE S	SEATTLE	WA	98168	(253) 657-3825	3E JA
RICHMOND, STEVEN	(253) 631-3591	12908 SE 278TH ST	KENT	WA	98031	(206) 662-8165	20 86
ROBERTS, GLENN L	(425) 868-8515	659 E LAKE SAMMAMISH PKY NE	REDMOND	WA	98053	(425) 868-5055	
ROBERTSON, MATTHEW R	(425) 822-0455	6509 114TH AVE NE	KIRKLAND	WA	98033	(425) 957-5691	7M HC
ROETS, GUY W	(425) 788-4245	P.O. BOX 1383	DUVALL	WA	98019	(425) 342-1410	06 FJ
ROGERS, THOMAS A JR	(425) 823-3137	8014 NE 112TH ST	KIRKLAND	WA	98034	(253) 773-8517	86 11
ROOS, JOHN BRYAN	86-24-388-6829					86-24-652-6100	39 AW
ROPER, JOHN	(425) 746-8462	14332 SOMERSET BLVD SE	BELLEVUE	WA	98006		
ROTH, ANDREW S	(425) 337-6337	12120 43RD DR SE	EVERETT	WA	98208	(425) 342-1308	0U 48
ROWE, ROBERT	(206) 232-1988	PO BOX 1373	MERCER IS.	WA	98040		
RUDESILL, CHRISTOPHER	(206) 729-0640	110 NE 62ND ST	SEATTLE	WA	98115	(425) 717-0025	0R PX
RUSHO, KATY	(206) 920-8106	PO BOX 17306	SEATTLE	WA	98107	(206) 256-1263	
RYAN, BARRY D	(425) 637-1140	2818 98TH AVE. NE	BELLEVUE	WA	98004	(425) 393-9700	6E 62
SAGON, GREGORY T	(206) 542-8169	1132 N. 198TH ST. #C201	SHORELINE	WA	98133	(425) 965-0542	9X 07
SANDERS, DOUG G	(425) 252-5331	1605 OAKES AVE	EVERETT	WA	98201	(206) 622-2140	
SANGESLAND, ODDVAR	(206) 481-0869	19217 58TH AVE NE	SEATTLE	WA	98155	(425) 234-5904	67 32
SATO, BRIAN	(206) 649-8926	2642 166TH AVE SE	BELLEVUE	WA	98008	(425) 649-7265	
SCANLON, DONALD A	(206) 244-7107	13410 40TH AVE S	TUKWILA	WA	98168	(253) 657-3042	3C LU
SCHILLE, SAMUEL J	(206) 524-7150	7038 24TH AVE. NE	SEATTLE	WA	98115	(206) 662-1902	49 92
SCHMELZER, JERRY	(253) 852-2856	19218 102ND AVE SE	RENTON	WA	98055	(206) 544-9862	2H 84
SELS, ROBERT	(425) 562-1007	4515 125TH AVE SE #310	BELLEVUE	WA	98006	(425) 965-2056	97 41
SHARP, SANDRA	(253) 815-1531	2904 SW 332ND PLACE	FEDERAL WAY	WA	98023	(425) 865-3602	7M TF
SHETTER, MARTIN	(425) 641-8436	4617 149TH AV SE	BELLEVUE	WA	98006	(425) 703-6343	
SHINGLER, DON K	(206) 367-5930	1615 N 145TH ST.	SEATTLE	WA	98133	(425) 237-0348	6C 35
SHORT, STEPHEN	(425) 673-1562	22908 ATLAS ROAD	BOTHELL	WA	98021	(425) 717-2991	02 FA
SLETE, STANLEY O	(253) 874-5384	2713 S 353RD PL	FEDERAL WAY	WA	98003	(253) 931-9671	5T 04
SMITH, ELLEN	(206) 546-5367	528 N 188TH ST	SEATTLE	WA	98133		
SNOWDEN, MARK J	(206) 533-0225	1156 N 198TH ST. #G202	SHORELINE	WA	98133	(425) 342-4799	02 FL
SOUTHER, CARRIE C	(425) 438-4086	8926 49TH AVE W	MUKILTEO	WA	98275	(425) 418-4086	0P 12
SOUZA, JAMES J	(425) 337-6030	5204 122ND ST SE	EVERETT	WA	98208	(425) 342-8071	0R HX
STEFANINI, LINDA	(206) 322-2430	3226 17TH AVE S	SEATTLE	WA	98144	(425) 865-3058	7M RJ
STEINER, DAVID S	(206) 526-8717	10315 38TH AVE NE	SEATTLE	WA	98125	(425) 342-3465	02 03
STEINER, NATALIE	(206) 526-8717	10315 38TH AVE NE	SEATTLE	WA	98125	(425) 477-4413	02 16
STENDER, RUTH A	(425) 747-8390	3018 128TH AVE SE #10	BELLEVUE	WA	98005	(425) 266-6016	03 92
STEPHENS, DAVID	(425) 774-1396	20107 76TH AVE W	LYNNWOOD	WA	98036	(425) 477-3912	6A 03
STEWART, CHRISTINA M	(206) 632-3802	3620 DENSMORE N	SEATTLE	WA	98103	(206) 526-6765	
STEWART, ROB	(206) 762-8909	10145 15TH AVE S	SEATTLE	WA	98168		
STEWART, TOM	(206) 762-8909	10145 15TH AVE S	SEATTLE	WA	98168		
STOREY, MELISSA	(425) 641-9653	12239 SE 61ST ST	BELLEVUE	WA	98006	(425) 342-5695	0F 22
STRAUSS, NICHOLAS	(817) 453-0968	2616 WILD IVY TRAIL	MANSFIELD	TX	76063	(817) 588-3048	
SULLIVAN, PAUL J	(412) 826-1146	107 COMMONS DRIVE	OAKMONT	PA	15139		
SUNDQUIST, BETH L	(206) 361-3730	1608 NE 189TH ST	SHORELINE	WA	98155	(425) 266-9811	02 03
SYKES, VICTORIA J	(425) 745-1948	508 164TH ST. SW #J103	LYNNWOOD	WA	98037	(425) 266-1665	39 KM
TAYLOR, BARRY H	(425) 317-5574	12321 HWY 99 S #49	EVERETT	WA	98204	(425) 342-2402	0J 00
TAYLOR, DEBRA	(425) 355-8929	1709 105TH ST SW	EVERETT	WA	98204		
TAYLOR, GENE	(425) 277-8038	19914 SE 125TH ST	ISSAQUAH	WA	98027	(206) 544-5491	2R 78
TAYLOR, JOHN W	(425) 355-8929	1709 105TH ST. SW	EVERETT	WA	98204	(425) 294-6071	0A 20
TESSMER, KEVIN	(206) 525-4177	6549 38TH AVE NE	SEATTLE	WA	98115	(425) 342-3388	04 AF
THOMAS, CHARLES WILLIAM	(360) 652-2657	2424 145TH ST. NW	MARYSVILLE	WA	98271	(425) 294-2990	0R 01
THOMAS, GORDON	(206) 824-3348	20217 SIXTH AVE S	DES MOINES	WA	98198		
TILL, BRADLEY D	(206) 932-4659	3001 SW AVALON WAY #203	SEATTLE	WA	98126	(425) 237-4075	67 32
TIMMERMAN, MICHAEL	(425) 868-7016	22709 NE 18TH PL	REDMOND	WA	98053	(253) 657-3085	3C PR
TOMCHIK, GLENN A	(425) 338-3270	1322 MILL CREEK ROAD #S106	MILL CREEK	WA	98012	(425) 717-3658	05 47
TOROK, MIKE	(206) 243-0834	14404 22ND AVE SW	SEATTLE	WA	98166	(206) 544-4684	41 49
TOWNSEND, HARRY E	(206) 547-4327	2210 W 43RD ST	SEATTLE	WA	98103	(425) 294-3755	0K UA
TRAINER, VERA	(206) 522-7022	342 NE 58TH ST	SEATTLE	WA	98105	(206) 860-3347	
TREDWAY, LINDA M	(253) 838-8378	333 S 320TH ST. #A6	FEDERAL WAY	WA	98003	(206) 655-4302	45 61
TRYBA, BRIAN T	(425) 255-5365	613 THIRD ST S #202	RENTON	WA	98055		99 16
TUNLEY, SIMON D	(425) 787-0727	15517 40TH AVE. W #B208	LYNNWOOD	WA	98037	(425) 717-5274	08 AE
TWITCHELL, VELOY D	(360) 691-6287	14711 79TH ST NE	LAKE STEVENS	WA	98258	(425) 342-5212	09 51
URBAN, KENNETH R	(253) 859-8474	10832 SE 232ND ST	KENT	WA	98031	(253) 931-3113	5K 47
VANLANDINGHAM, DOUG	(425) 339-8546	1808 WETMORE	EVERETT	WA	98201	(425) 342-7556	0F 15

BOEALPS MEMBERSHIP ROSTER

APRIL 1998

NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
VANLANDINGHAM, LYNN	(425) 339-8546	1808 WETMORE	EVERETT	WA	98201		
VERZANI, GAIL J		23629 112TH ST SE #E103	KENT	WA	98031	(253) 931-2770	5R 15
VETTER, ARTHUR M	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058	(206) 544-5922	2T 50
VETTER, ELSA	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058		
VETTER, SCOTT	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058		
VIGIL, CHRISTOPHER DM	(206) 284-4179	2572 GILMAN DR. W #318	SEATTLE	WA	98119	(206) 655-6633	4E 73
VITKUSKE, JANE M	(206) 729-7032	336 NE 56TH ST.	SEATTLE	WA	98105	(425) 965-5390	70 04
VOIGT, CRAIG	(425) 438-4086	8926 49TH AVE W	MUKILTEO	WA	98275	(425) 438-9015	0P 12
VON MOOS, DAVID L	(206) 527-1781	9010 EIGHTH AVE NE	SEATTLE	WA	98115	(253) 773-3264	8Y 96
WAINWRIGHT, ALAN	(206) 767-0403	6422 CARLETON AVE S	SEATTLE	WA	98108		
WALKER, BRAD	(206) 546-5367	528 N 188TH ST.	SEATTLE	WA	98133	(425) 342-2604	0R LX
WALTON, TOM R	(206) 933-9007	3333 56TH AVE SW	SEATTLE	WA	98116	(206) 662-1973	49 63
WATSON, GARY	(206) 439-1954	16458 14TH AVE SW	SEATTLE	WA	98166	(206) 544-8570	2J 55
WEISMAN, JAMES L	(206) 937-2680	2770 ALKI AVE SW #402	SEATTLE	WA	98116	(206) 655-7939	14 ME
WHALEN, DAVID L	(253) 946-5754	3811 S 255TH PL	KENT	WA	98032	(206) 662-2891	4T 77
WHEELER, CHRIS J	(206) 787-8791	1719 NW 57TH ST. #131	SEATTLE	WA	98107	(206) 727-5247	
WHITE, DEREK	(425) 228-4281	11707 SE 64TH ST	BELLEVUE	WA	98006	(206) 544-8552	2J 57
WHITE, DWAYNE	(425) 355-5698	201 59TH PL. SE	EVERETT	WA	98203	(425) 294-8447	0P 12
WICK, JOHN	(206) 789-4712	8000 28TH AVE NW #321	SEATTLE	WA	98117	(425) 717-2495	03 LC
WILD, SILAS	(206) 527-9453	4531 48TH AVE NE	SEATTLE	WA	98105		
WINSLOW, KEVIN F	(253) 859-7620	10811 SE 239TH ST.	KENT	WA	98031	(206) 655-0377	4T 07
WIRE, RICHARD	(253) 863-5333	18508 65TH ST E	BONNEY LAKE	WA	98390	(253) 351-1475	5F 11
WOLF, DEBRA	(206) 789-4712	8000 28TH AVE NW #321	SEATTLE	WA	98117		
WOOLEY, KEVIN	(206) 933-6410	4030 SW HENDERSON	SEATTLE	WA	98136	(253) 657-4122	3F 70
WORDEN, ELAINE	(206) 328-1894	1400 E. MERCER ST. #4	SEATTLE	WA	98112	(425) 965-0049	6H CJ
WORNATH, JAY	(425) 485-6792	4906 238TH ST SE	WOODINVILLE	WA	98072	(425) 294-6426	0A 20
WYNESS, GAVIN A	(253) 931-1286	12676 SE 306TH CT	AUBURN	WA	98092	(206) 655-6053	45 12
WYNESS, GINA	(253) 931-1286	12676 SE 306TH CT	AUBURN	WA	98092		
YAGI, VICTOR	(206) 528-2819	6325 22ND AVE NE	SEATTLE	WA	98115	(425) 477-4812	4X 54
YDE, MICHAEL J	(425) 558-0162	18603 NE 59TH ST #E103	REDMOND	WA	98052	(425) 266-7940	0W LP
YEN, HOWARD H	(425) 742-3301	16706 37TH PL W	LYNNWOOD	WA	98037	(425) 294-7593	03 KH
YOCUM, THOMAS E	(206) 363-6909	3031 NE 137TH ST. #115	SEATTLE	WA	98125	(425) 342-9794	0Y AX
YURCZYK, PAM M	(206) 783-6567	7021 11TH AVE. NW	SEATTLE	WA	98117	(425) 237-4862	6H WF

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW MAIL STOP: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer st. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

April ECHO staff

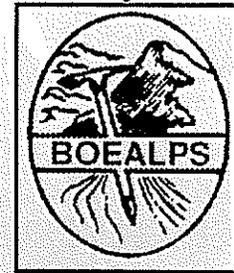
Editor: Mark Hicks
Activities/calendar report: Rich Baldwin
Conservation report: Katy Rusho
Trip reports: Matt Roberson
Sandra Sharp
Valerie Journey Hagman

Thanks to everyone!!



ALPINE ECHO

May 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	OR-PX 425-717-0025 christopher.c.rudesill@boeing.com	Equipment South	Mike Jacobsen	3E-59 253-657-1438 michael.t.jacobsen@boeing.com
Vice President	Rich Baldwin	2H-30 206-544-7580 richard.f.baldwin@boeing.com	Central	Silas Wild	206-527-9453 silaswild@yahoo.com
Treasurer	Ed Alejandro	7A-26 425-865-2217 ed.alejandro@boeing.com	North	Andy Roth	OU-48 425-342-1308 andrew.s.roth@boeing.com
Secretary	Ilan Angwin	06-03 425-266-9038 ilan.g.angwin@boeing.com	East	Kelly McGuckin	19-HC 206-662-4293 john.k.mcguickin@boeing.com
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Activities	Len Kannapell	206-361-7523 lpk@hartcrowser.com	Membership	Elaine Worden	6H-CJ 425-965-0049 elaine.worden@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Photographer	Shawn Paré	OH-KL 425-342-7134 shawn.m.pare@boeing.com
	Katy Rusho	206-256-1263 katyr@pmiseattle.com	Programs	Eric Bennett	03-92 425-294-2530 eric.r.bennett@boeing.com
Echo Editor	Mark Hicks	02-JA 425-294-0588 mark.a.hicks@boeing.com	Homepage Editor	Rob James	rob.james@gccm.com
Education	Ken Johnson	0U-31 425-266-7659 ken.johnson@boeing.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369

Home Page <http://www.accessone.com/~boealps>

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

From Elaine Worden 6H-CJ

Climb The Himalayas

With Jim Farkas

Includes adventures on Kanchenjunga and Makalu. Don't miss it!!

May 7th
Oxbow Recreation Center
7:00 Snack and Chat
7:30 Main Show

May
General
Meeting

BELAY STANCE

Equipment Person Needed

Kelly McGuckin, our East side equipment person, is looking for a replacement. If anyone is interested in becoming the new East side equipment station, contact:

Silas Wild
206-527-9453
silaswild@yahoo.com

Trail Maintenance

Calling all former students of the Basic Class (and anyone else for that matter) to help with trail maintenance in June. It is only one or two days out of the year and surprisingly a lot of fun as well. The dates are as follows:

Saturday, June 6th working with the Darrington Ranger District on the Mt. Dickerman Trailhead, cutting a new trail from the new parking area.

Sunday, June 7th working with the Mt. Baker Ranger District (trail undetermined at this time).

Saturday is National Trails Day and people will be helping out in a nationwide effort, so mark your calendars now and do your bit to help. Don't forget, you get credit toward a trailhead pass (I think 2 days help gets a free year pass?). An official announcement with more details will come out in next month's Echo.

FREE Slide Show at Feathered Friends

Boealps' very own Silas Wild will be putting on a free slide show on first ascents in SE Alaska at Feathered Friends in Seattle on May 6th. The tales will start spinning at 7:30.

This Issue Includes...

...Board meeting minutes by Ilan Angwin, Conservation Corner by Katy Rusho with some response to last month's piece by Konservation Karl and more activities than you can shake an ice axe at. I suppose the flurry of activities make up for the lack of articles.

Homepage Password

The password for the homepage is: **SLESSE**
This is used when accessing the Activities or Club roster sections of the homepage.

Next Month

June General Meeting - this entire meeting will be dedicated to the photo contest. Details and entry forms will be in next month's issue, so start sorting through those photos and come take part.

From the desk of your editor,



Mark Hicks

JUNE ECHO DEADLINE IS MAY 21st

May 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 BC- Leavenworth
3 1st Quarter BC- Leavenworth	4  Intermediate Class	5	6  Basic Class	7  Club Meeting	8	9 BC- Tatoosh IC- Vertical World
10 BC- Tatoosh Mother's Day	11 Full Moon 	12	13  Basic Class	14  Board Meeting	15	16 BC- Crevasse Rescue IC- Smith Rock
17 BC- Crevasse Rescue IC- Smith Rock	18 Last Quarter	19	20	21  Echo Deadline	22	23
24	25 Memorial Day (Observed) New Moon	26  Intermediate Class	27  Basic Class	28	29	30 BC- Graduation Climb IC- Squamish
31 BC- Graduation Climb IC- Squamish						

June 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 1st Quarter	2	3  Basic Class	4  Club Meeting	5	6 BC- Trail Maintenance
7 BC- Trail Maintenance	8  Intermediate Class	9 Full Moon 	10  Basic Class Graduation	11  Board Meeting	12	13 IC- Alpine #1
14 IC- Alpine #1	15	16	17 Last Quarter	18  Echo Deadline	19	20
					Club Campout @ Leavenworth	
21 Father's Day Club Campout ...	22  Intermediate Class	23 New Moon	24	25	26	27 IC- Alpine #2
28 IC- Alpine #2	29	30				

Boealps Board Meeting Minutes

April

This month's meeting was at Rich Baldwin's house. In attendance were Chris Rudesill, Elaine Worden, Roy Ratliff, and Ed Alejandro.

The board discussed the Agriss Morris fund. The following actions will be taken:

- Ed will look into the possibility of transferring the money into a money market fund to get a better return on investment.
- Roy will look into updating the rules to better govern the fund.
- The board proposes taking one dollar of membership dues to go into the fund.

Future discussions about the fund will take place with the current trustees.

The board discussed the management of equipment. Various views were put forward:

- Dump it all. REI rents all that stuff now.
- Institute a user fee for those that borrow gear.
- Make the equipment fund self sufficient.
- Suggestions?

Chris Rudesill showed the proposed by - law for new non - Boeing members:

New Non - Boeing associate members

- Individuals must be able to show they are a benefit to BOEALPS and the Boeing Company.
- Written request to board which includes the above and why they wish to join and what they will do to benefit the club.
- The request must include a employee club member in good standing as a sponsor.
- After review by the elected board, the individual may be elected in by a majority vote.

As Rich Baldwin ascends the thrown of Vice - President of the Boeing Alpine Club, Len Kannapell will take over the activities chair.

Janeo Oliver Sambas with the basic class.



hikes • scrambles • ski trips • climbs

Mt. St. Helens

May 1-2 or May 9-10

Join Rob Dymond (outstanding Intermediate Class grad from last year) on a trip to the top. Plan is to leave Friday after work, bivy, and climb Saturday. Return to civilization Saturday night.

Route Monitor Ridge (standard route)

Contact Rob Dymond
425-342-6997 (w)
425-258-3348 (h)
rob.dymond@boeing.com

Limit 8

Notes Basic Class grad or equivalent

Kaleetan Peak

Saturday, May 23

Vera Trainer leads you on this exciting climb to the "Matterhorn of the Cascades" near Snoqualmie Pass. Hike to Melakwa Lake (two hours) and then scramble the Class 2 via the South ridge.

Contact Vera Trainer
206-860-6788 (w)
206-522-7022 (h)
vera.l.trainer@noaa.gov

Limit 8

Eldorado, Klawatti, and Austera Peaks

May 23-25 (Memorial Day weekend)

After the Memorial Day deluge last year, Jerry refuses to back down - for Saturday we will climb to camp from the Cascade River Road. This will be the hardest day with 4500 feet of elevation gain in just a couple of miles. If people are not tired enough, we could summit Eldorado Peak in the evening. Sunday, climb Klawatti and Austera Peaks with light packs, lots of views and fun. Monday climb Eldorado Peak and then head home in the afternoon.

Route: Standard Routes on Eldorado, Klawatti and Austera Peaks

Rating: Class 4

Time: 3 full days

Additional Information: North Cascades Alpine Guide Vol 2

Skills Required: Ice ax arrest

Number of Persons: park limit (Maximum number willing to take)

Contact Info: Name: Jerry Baillie
Phone: (206) 662-1516 (Work)
(206) 283-6870 (Home)
jerald.c.baillie@boeing.com

Mt. Shuksan (9127')**June 20-21**

Ed Hahne (another outstanding Intermediate Class grad from last year), will brave the elements and the occasionally appalling weather of June to lead you to the summit. Plan is to leave early Saturday, bivy, climb Sunday, and return Sunday evening. The final 800' is a Class 3 scramble.

- Route** Sulphide Glacier
- Contact** Ed Hahne
425-342-0718 (w)
425-744-1267 (h) until May 1, 206-706-4986 thereafter
edward.h.hahne@boeing.com
- Limit** 6-9
- Equipment** Standard glacier gear (ice ax, crampons, etc), helmet, tent or bivy sac
- Notes** Basic Class grad or equivalent

Monte Cristo**June or July**

Steve Fox will lead this trip, which includes a bicycle approach from Barlow Pass to Monte Cristo, and a trail/bushwhack to Wilman's Pass at 4860' (sometimes referred to as Pearsall Pass). The descent will be trail via Poodle Dog Pass. Class 3 rating.

- Contact** Steve Fox
425-266-8818 (w)
- Time** 8-12 hours, assuming bicycles used from Barlow Pass to Monte Cristo

The Sisters (Oregon)**July 2-5 (4th of July weekend)**

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July 2nd.

- Contact** Al Baal
425-266-2551 (W)
206-781-2382 (H)
- Limit** 12

Mt. Baker (10,781')**June 13-14th**

Jose Pasto, a recent Basic Class grad will lead this climb up Mt. Baker. Route selection will depend on route conditions and group preference. A non-standard route is preferable. The group intends to keep a steady pace.

- Route** TBD
- Contact** Jose Pastor

425-266-1590 (w)
206-729-7094 (h)
jose.r.pastor@boeing.com
M/S 39-PU

- Limit** 8
- Equipment** Standard glacier gear (ice ax, crampons, etc), helmet, tent or bivy sac
- Notes** Basic Class grad or equivalent

Otter Falls BoBaby Hike **May 16th**

Hike the Taylor River Trail to Martin, Otter and Big Creek Falls. This trail is not stroller friendly, so a backpack child carrier is strongly recommended! The total distance is 8 miles with an 800 foot elevation gain - make sure your child is light enough so that you can carry them the entire distance, or old enough that 8 miles of walking is possible.

- Route** Taylor River Trail
- Contact** Matt and Maren Robertson
425-957-5691 (w)
425-822-0455 (h)
matt.robertson@boeing.com
M/S 7M-HC

- Limit** 12
- Equipment** Standard glacier gear (ice ax, crampons, etc), helmet, tent or bivy sac
- Notes** 2000' elevation gain, approx 6 hr trip time.

Non-Boealps members will have to sign a waiver to participate Boealps activities.

Submit activities to
Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Notes from the Activity Chair:
*Thank you to everyone who submitted an activity!
Keep them coming!!
Al Baal, Rob Dymond, Ed Hakue, Jerry
Baillie, Steve Fox, Vera Trainer, Jose
Pastor, Matt Robertson.*

Starting in May, the Activities section in the ECHO are going to have a different look with more information required. Please send comments and observations to the Activities Chair.

BOEALPS Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more information. Thanks!

Trip Dates: _____

Mountain or Area: _____

Route: _____

Rating: _____

Grade: _____

Elevation Gain: _____ (in feet).

Distance: _____ (specify if one-way or round trip)

Time: _____ (time required to do round trip)

Maps Required: _____ (name and type, USGS, GT)

Additional Information: _____ (Source and page)

Skills Required: _____ (a.k.a. ; ice, rock leading, Basic Graduate)

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
(____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: All persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, ask persons who have done the route, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

Boealps June Campout

- Where:** Eightmile Campground, near Leavenworth.
At the Group Site, on the left as you enter the campground.
- When:** June, 19-21, 1997.
- Who:** All club members, family, friends.
- What:** Rock Climbing, Hiking, Cycling, Bragging, Lounging.
- How:** Return the attached form by June 8th. Please bring a food item to share with the other members for the Saturday night potluck dinner.
Last name begins with:
A-C Chips and Dip
D-N Side Dish (veggie's, fruit or salad)
O-Z Desert
(Boealps will provide chicken, hamburgers and the soft drinks.)
- Rules:** A quiet sleeping area will be reserved for members who want an early bedtime. Please ask where it is before setting up your tent. Loud and wild behavior will be limited to just after 10pm. Please note that some people will stay up very late around the ol' campfire.

June Campout Response Form

(RSVP requested by Monday, June 8)

Name: _____
Number Attending: _____
Potluck Dish: _____

Would like to help with campout? Yes / No

Send response to: Richard Baldwin
Mail: MS: 2M-14

Home: 14224 55th Ave. S.
Tukwila, WA 98168

E-mail: richard.f.baldwin@boeing.com

A Letter from the Ex-Vice-President

Now that I have been ceremoniously booted from my esteemed position of vice-president due to my change in employment (sorry, can't fight Boeing Recreation rules) as of the April General Meeting, it seems logical that the role of vice-president would fall in the capable hands of Rich Baldwin (who is busy whipping Basic Class students into shape as a team leader this year). Thus, Rich and I have switched roles, and I am your new Activities chair.

Few things will change as a result of the switch - I will keep plugging club activities as a means of getting more people actively involved in the club. I still want every club member to put one activity in the *ECHO* this year. This is a way to help the fresh graduates of the Basic Class get involved and get some experience behind them so that they too can start leading activities. And believe it or not, leading an activity can be a lot of fun. To submit your awesome climb or activity, consider the following ways:

- **Go to the Boealps homepage and click on *Activities* - this will get you to the Activities form** (*the new and the old forms are currently online and the old will be dead soon*)
- **Send me e-mail, with a file attachment that has as much relevant info as possible**
- **Call me with your information**

We have seven activities posted for the month of May, with more coming soon. Do your bit and get in there! The Activities chair wants **YOU**.

Len Kannapell
(206) 324-0055 ext. 4285 (w)
(206) 361-7523 (h)
lpk@hartcrowser.com

Gear For Sale

After extensive spring cleaning Mike McGuffin and Brian Sato have discovered an overabundance of climbing and skiing gear. If anyone is interested in good equipment at low prices give either Brian or Mike a call at the numbers shown below. Brian and Mike will bring whatever they don't sell to the May General meeting in hopes of total liquidation.

Brian's Stuff
(425) 649-8926

Climbing

\$95	Leather Boots ¾ steel shank Fabiano Rainier size 7 mens
\$300	Plastic Climbing Boots Lowa Denali w/ red-hot liners size 8 ½ mens (used twice)
\$75	OR Goretex Expedition Mittens size L red/black (used twice)
\$75	OR X-Gator overboots size L red/black (never used)
\$20	MSR Stainless Steel 2-pot set
\$2	Sigg Aluminum pot
\$5	Deluxe Pot holder
\$3	Pot holder
\$60	MSR XGK-II stove

Tele-Ski Gear

\$150	Rossignol Haute Route skis (200 cm) w/Rottefella 3-pin cable bindings (spare cable included)
\$100	Merrell Ultra Tele boots size 7 mens
\$160	Scarpa Terminator I tele boots size 5 ½ mens (7-street shoes)
\$35	Rottefella 3-pin bindings w/Voile plates
\$10	Atomic ski bag
\$15	Kastle ski bag

Miscellaneous

\$50	Sorel Carabou size 8 mens (snow boots)
------	--

Mike's Stuff
206-524-1155

Climbing

\$75	Fabiano Rainier leather mountaineering boots size 7 womens (excellent condition)
\$30	Asolo Yukon leather mountaineering boots size 10 mens
\$5	OR overmits
\$5	Dachstein wool mittens
\$30	REI Mountain Axe (60cm)
\$15	Edelrid climbing helmet
\$90	REI 4 season tent (2 person)

Clothing

\$5 Each	Two pair medium weight Polypropylene pants (never worn)
\$5 Each	Two medium weight Polypropylene shirts (never worn)
\$10	Marmot pile pants 32" waist
\$20	Pile coat

Tele-Ski Gear

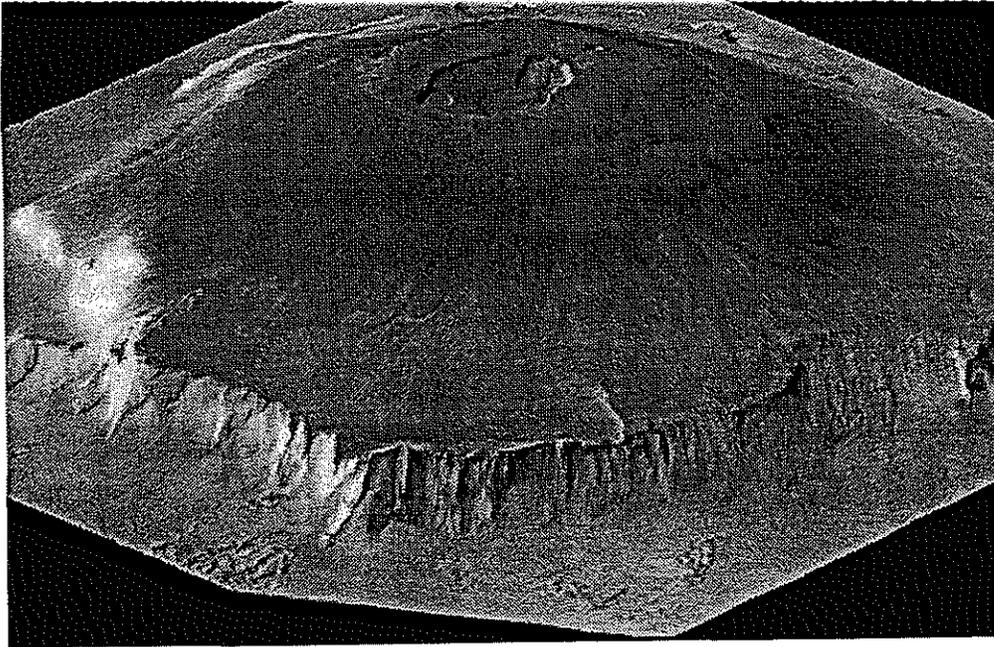
\$95	Asolo Extreme Pro boots with supergators, size 10
\$35	Coll-Tex climbing skins

Alpine Ski Gear

\$60	Atomic ARC 533CE skis (195 cm) w/Geze bindings
\$70	Nordica front release boots size 10 mens

Future Activities

Olympus Mons is the largest volcano on Mars. This shield volcano, similar to volcanoes in Hawaii, measures 624 km (374 mi) in diameter by 25 km (16 mi) high. It is 100 times larger than Mauna Loa on Earth. Located on the Tharsis Plateau near the equator, Olympus Mons is bordered by an escarpment. The caldera in the center is 80 km (50 mi) wide and contains multiple circular, overlapping collapse craters created by different volcanic events. The radial features on the slopes of the volcano were formed by overflowing lava and debris.



CONSERVATION CORNER

Katy Rusho

I would like to extend many thanks to Marv Perrin (article on next page) and Gary Gorremans for responding to my summary of the Mountaineer's Environmental Issues lecture on pollution and energy production/consumption. My summary represents the opinions of one group of scientists and researchers, and was written somewhat "tongue-in-cheek" to get everyone's attention. It seems that it did just that - which is great! All of us who contribute to the Echo appreciate knowing that it is being read!

It is very encouraging to have information from the "other" side of the debate available for perusal! Please see the below article written by Marv, which includes additional suggested reading, as well as several internet addresses to follow-up on, gratis Gary.

Thanks again!

The HTMLs below all address the global warming issue and were supplied by Gary Gorremans. Thanks Gary.

<http://www.townhall.com/heritage/library/categories/enviro/bq1143.html>

<http://www.townhall.com/heritage/library/categories/enviro/bq896.html>

<http://www.cato.org/pubs/regulation/reg15n2q.html>

<http://www.nationalcenter.org/KyotoFactSheet.html>

<http://www.reagan.com/HotTopics.main/HotMike/document-10.30.1997.3.html>

April 3, 1998

In response to the article in the April issue of Alpine Echo, Conservation Corner by Kathy Rusho:

I could not let this article pass by without comment.

It is a theory that increased CO² in our atmosphere will cause global warming. Atmospheric scientists don't all agree with this theory. They do agree, however, that man made CO² is only a small amount of CO² produced annually, compared to what is produced by nature. It is true that burning fossil fuels emits carbon dioxide. However, so does burning wood (forest fires), rotting vegetation, respiration (of humans, animals, organisms) and volcanic eruptions.

Examining temperature records wether current or distant past, reveals a history of continual temperature changes. Records show during the early middle ages, the weather was so mild that wine grapes grew in England. Followed by the "Little Ice Age" (1450 - 1830) during which the Thames river froze all the way up to London. Taking a longer view, there have been 17 ice ages over the past 10 million years, each lasting a few hundred thousand years, followed by abrupt warming that brought moderate temperatures lasting about 10,000 years.

According to computer simulations that suggest "a 12 degree increase in global temperatures within 100 years," using these same computer simulations, the last 100 years also should have increased in temperature 12 degrees. It has not. The overall increase in the last 100 years has been 0.5° F, most of which occurred prior to 1940.

In regards to alternative power, solar and wind were mentioned. To give some idea of the magnitude involved: to power New York City with 7000 megawatts, it would take at least 350 square miles of solar cells; an area larger than the city itself. According to a study done by Lockheed, wind power could supply 19% of America's power with 63,000 windmills having towers 300 feet high, blades 100 feet across and a steady wind! Neither is practical or affordable.

In reference to the statement "big business makes its money digging up coal and oil," well, so do their stock holders. When a company can produce a competitively priced product you will see a change. Just as Henry Ford put the horse shoer out of business, so will go Chevron, BP, etc. It's called supply and demand. In the mean time, if riding your bicycle 30 miles to and from work (as the average commuter would have to) makes you feel better, go for it! Just keep in mind, bicycling will increase your CO² emissions drastically!

Marv Perrin
Blue Team 1993
Intermediate class 1995

Suggested reading

- | | |
|---|-----------------------------|
| 1) Environmental Overkill | Dixy Lee Ray/Lou Guzzo |
| 2) "Ecosanity" Common Sense Guide to Environmentalism | Joe Bask |
| 3) Trashing the Planet | Dixy Lee Ray/Lou Guzzo |
| 4) Facts Not Fear | Michael Sanera/Jane S. Shaw |

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW MAIL STOP: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer st. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

May ECHO staff

Editor: Mark Hicks
Activities/calendar report: Len Kannapell
Conservation report: Katy Rusho
Trip reports: None

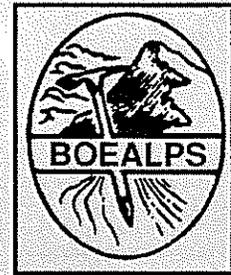
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

June 1998



BOEING EMPLOYEES ALPINE SOCIETY

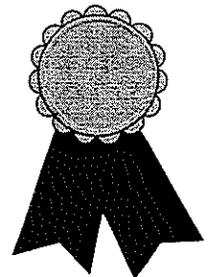
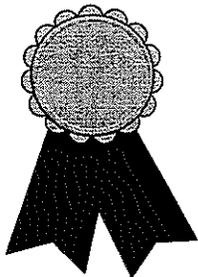
President	Chris Rudesill	OR-PX 425-717-0025	Equipment South	Mike Jacobsen	3E-59 253-657-1438
		christopher.c.rudesill@boeing.com			michael.t.jacobsen@boeing.com
Vice President	Rich Baldwin	2H-30 206-544-7580	Central	Silas Wild	206-527-9453
		richard.f.baldwin@boeing.com	North	Andy Roth	OU-48 425-342-1308
Treasurer	Ed Alejandro	7A-26 425- 865-	East	Kelly McGuckin	19-HC 206-662-4293
		ed.alejandro@boeing.com			john.k.mcguickin@boeing.com
Secretary	Ilan Angwin	06-03 425-266-9038	Librarian	Brian Kenison	2T-40 206-544-0545
		ilan.g.angwin@boeing.com			brian.w.kenison@boeing.com
Past President	Dan Costello	0A-05 425-717-4495	Membership	Elaine Worden	6H-CJ 425-965-0049
		daniel.m.costello@boeing.com			elaine.worden@boeing.com
Activities	Len Kannapell	206-361-7523	Photographer	Shawn Paré	OH-KL 425-342-7134
		lpk@hartcrowser.com			shawn.m.pare@boeing.com
Conservation	Vera Trainer	206-522-7022	Programs	Eric Bennett	03-92 425-294-2530
		Vera.L.Trainer@noaa.gov			eric.r.bennett@boeing.com
	Katy Rusho	206-256-1263	Homepage Editor	Rob James	rob.james@gccm.com
		katyr@pmiseattle.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369
Echo Editor	Mark Hicks	02-JA 425-294-0588			
		mark.a.hicks@boeing.com	Home Page	http://www.accessone.com/~boealps	
Education	Ken Johnson	0U-31 425-266-7659			
		ken.johnson@boeing.com			

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

From Elaine Worden 6H-CJ

PHOTO CONTEST!!

DON'T MISS THIS YEAR'S PHOTO CONTEST AT THE JUNE GENERAL MEETING
RULES AND INFORMATION IN THIS ISSUE



June General Meeting

Thursday, June 4thth
Oxbow Recreation Center
Photo Entry 6:30
Social half hour 7:00 pm
Meeting at 7:30 pm

BELAY STANCE

Show Up And Vote

Two issues are in need of your vote at the June General Meeting!

1. New by-laws concerning non-Boeing employee membership (details at the meeting).
2. \$1 dollar of membership dues to go toward the Agris Morrus Fund?

We need your input on these issues because we're incapable of making these dicy decisions on our own.

June Campout

Only weeks away, the June campout is always a hit for the subdued and lewd alike. Whether a family man or a late night fool, you'll find accommodations at the Boealps Campout at 8-Mile campground in Leavenworth, June 19-21. See the add in this issue.

Obituary

Lee West, a Past President and early member of Boealps, died during bypass surgery on May 6th. I don't have much information on Lee, as this news was given be in brief just shortly before printing, but I have been told he was from England and an active Boealps member in the early years. More information can be found on Lee in the Boealps 25th anniversary book. The members of Boealps send their condolences to his wife Meg.

This Issue Includes...

...Revelations of a sparsely attended Board meeting by Ilan Angwin, a call for trailworkers from Pete Allen and Vera Trainer fires back in Conservation Corner. Also, the latest on the race for the 100 highest by Bill Gronau and a trip report on an ascent of Glacier Peak's Frostbite Ridge by José Pastor.

Homepage Password

The password for the homepage is: **SLESSE**
This is used when accessing the Activities or Club roster sections of the homepage.

Next Month

The July picnic at the Marymore Wall in Redmond is approaching. Tune into next month's issue for details...

From the desk of your editor,

Mark Hicks

JULY ECHO DEADLINE IS JUNE 23rd

Meeting Minutes

May

In attendance at May's board meeting were Silas Wild, Rich Baldwin, Ed Alejandro, Chris Rudesill, Mike McGuffin, and Shawn Paré.

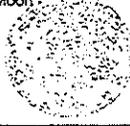
The board decided to vote on the new by-laws for accepting Non-Boeing members at the next general meeting. Chris will send a copy to Jake Davis for approval.

Ed reported on options for increasing the Agris Moruss fund. We decided to put the question of donating one dollar of dues to the fund to the members at the next general meeting.

The board discussed, again, our philosophy of equipment. The board decided to buy another 4 person Little Dipper tent because its on sale and is extremely popular among climbers of all levels in Boealps. Silas Wild mentioned that to charge a fee for using equipment will be difficult to administrate.

The next meeting will take place at Sean Paré's place in July.

June 1998

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 1st Quarter	2	3  Basic Class	4  Club Meeting	5	6 BC- Trail Maintenance
7 BC- Trail Maintenance	8  Intermediate Class	9 Full Moon 	10  Basic Class Graduation	11  Board Meeting	12	13 IC- Alpine #1
14 IC- Alpine #1	15	16	17 Last Quarter	18  Echo Deadline	19	20
21 Father's Day	22  Intermediate Class	23 New Moon	24	25	26	27 IC- Alpine #2
28 IC- Alpine #2	29	30	Club Campout @ Leavenworth			

hikes • scrambles • ski trips • climbs

Mt. Shuksan (9127')

June 20-21

Ed Hahne (another outstanding Intermediate Class grad from last year), will brave the elements and the occasionally appalling weather of June to lead you to the summit. Plan is to leave early Saturday, bivy, climb Sunday, and return Sunday evening. The final 800' is a Class 3 scramble.

Route Sulphide Glacier

Contact Ed Hahne
425-342-0718 (w)
425-744-1267 (h) until May 1, 206-706-4986 thereafter
edward.h.hahne@boeing.com

Limit 6-9

Equipment Standard glacier gear (ice ax, crampons, etc), helmet, tent or bivy sac

Notes Basic Class grad or equivalent

Monte Cristo

June or July

Steve Fox will lead this trip, which includes a bicycle approach from Barlow Pass to Monte Cristo, and a trail/bushwhack to Wilman's Pass at 4860' (sometimes referred to as Pearsall Pass). The descent will be trail via Poodle Dog Pass. Class 3 rating.

Contact Steve Fox
425-266-8818 (w)

Time 8-12 hours, assuming bicycles used from Barlow Pass to Monte Cristo

The Sisters (Oregon)

July 2-5 (4th of July weekend)

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July 2nd. ** See additional info at the end of activities!

Contact Al Baal
425-266-2551 (W)
206-781-2382 (H) allen.c.baal@boeing.com

Limit 12

Mt. Baker (10,781')

June 13-14th

Jose Pasto, a recent Basic Class grad will lead this climb up Mt. Baker. Route selection will depend on route conditions and group preference. A non-standard route is preferable. The group intends to keep a steady pace.

Route TBD

Contact Jose Pastor
425-266-1590 (w)
206-729-7094 (h)
jose.r.pastor@boeing.com
M/S 39-PU

Limit 8

Equipment Standard glacier gear (ice ax, crampons, etc), helmet, tent or bivy sac

Notes Basic Class grad or equivalent

*Non-Boealps members will have to sign a waiver to participate Boealps activities.

Submit activities to

Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Keep them coming!!*

*Al Baal, Rob Dymond, Ed Hakne, Jerry
Baillie, Steve Fox, Vera Trainer, Jose
Pastor, Matt Robertson.*

Starting in May, the Activities section in the *ECHO* are going to have a different look with more information required. Please send comments and observations to the Activities Chair.

The Three Sisters in central Oregon

We will drive the seven/eight hours to the Sisters on July 2, and get registered for the climb. The 3rd and the 4th will be spent climbing a few of the peaks (to be determined later). Then the last night will be spent in the Town of Sister, hopefully in celebration of a good climb. On the 5th we head home. If you want a hotel for the last night, you should book soon. here are some contacts:

Cascade Country Inn
15870 Barclay Drive, Sisters (541)549-INNN
Comfort Inn at Sisters
Hwy 20 (West end of Sisters) (541)549-STAY
Conklin's Guest House
69013 Camp Polk Road, Sisters (541)549-0123
Jeffers Guest House
69647 Holmes Rd. (541)548-3735
Sisters KOA
Hwy 20 (3-1/2 miles east of Sisters) (541)549-3021
Sisters Motor Lodge
550 West Cascade McKenzie Hwy (541)549-2551

The Three Sisters region is the quintessential alpine area. There are five peaks over 9,000 feet, including North Sister, Middle sister, South Sister, Broken Top, and Bachelor Butte, as well as a host of lesser summits. Interspersed throughout are innumerable high lakes, streams, meadows, and forests, most of which have been protected within the boundaries of The Three Sisters Wilderness. We will have a meeting before the trip to decide on which peaks to bag. You will need the same skill level as the basic climbing class.

Al Baal-

BOEALPS Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more information. Thanks!

Trip Dates: _____

Mountain or Area: _____

Route: _____

Rating: _____

Grade: _____

Elevation Gain: _____ (in feet).

Distance: _____ (specify if one-way or round trip)

Time: _____ (time required to do round trip)

Maps Required: _____ (name and type, USGS, GT)

Additional Information: _____ (Source and page)

Skills Required: _____ (a.k.a. ; ice, rock leading, Basic Graduate)

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
 (____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: All persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, ask persons who have done the route, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

Boealps June Campout

- Where:** Eightmile Campground, near Leavenworth.
At the Group Site, on the left as you enter the campground.
- When:** June, 19-21, 1997.
- Who:** All club members, family, friends.
- What:** Rock Climbing, Hiking, Cycling, Bragging, Lounging.
- How:** Return the attached form by June 8th. Please bring a food item to share with the other members for the Saturday night potluck dinner.
Last name begins with:
A-C Chips and Dip
D-N Side Dish (veggie's, fruit or salad)
O-Z Desert
(Boealps will provide chicken, hamburgers and the soft drinks.)
- Rules:** A quiet sleeping area will be reserved for members who want an early bedtime. Please ask where it is before setting up your tent. Loud and wild behavior will be limited to just after 10pm. Please note that some people will stay up very late around the ol' campfire.

June Campout Response Form

(RSVP requested by Monday, June 8)

Name: _____

Number Attending: _____

Potluck Dish: _____

Would like to help with campout? Yes / No

Send response to: Richard Baldwin

Mail: MS: 2M-14

Home: 14224 55th Ave. S.

Tukwila, WA 98168

E-mail: richard.f.baldwin@boeing.com

ATTENTION!!

All former Basic Climbing Class graduates and Yes all you other Club Members

How would you like to: Get some "Fresh Air"; Meet some "New Friends"; Work with "Real Dirt"; Earn credit towards a "Trail Park Pass"; and "Just Have Fun !!!"

Come on out and join the 1998 Basic Climbing Class for a great day, or two, of trail work.

Your opportunities are:

Saturday June 6th (Yes indeed this is National Trails Day !!)

or

Sunday June 7th (Right again—this is the day after National Trails Day !!)

The new plan is:

Working both, or either, day with the Darrington Ranger District on the Mt. Dickerman Trailhead.

The parking lot has been relocated so a new trailhead will be created to tie the parking lot into the existing trail. Approximately ¼ mile of trail needs to be constructed. (A most wonderful chance to make a new trail – You can't do that everyday !!)

We will also be working with the Washington Trails Association (a great group of volunteers !!)

Details:

Meet at Verlot Ranger Station, at 8:00 a.m. (I know it's early, but hey were here to help !!)

Bring your work gloves, long pants and long sleeve shirts, climbing helmets or hardhats, raingear (we hope not), sunscreen (we hope so), water, lunch*, and anything else you think you might need for a day in the woods.

Hours are 8:00 'til a reasonable quitting time say 3:00 or 4:00?

Friends & relatives are welcome, non-Boeing employees too! Please no small children unless you bring someone along to watch over them.

***In the past we've had some great tailgate potluck parties and as we will be in or near the parking lot we should be able to do it again. Unfortunately by the time you read this there will be little time for planning so I will leave the arrangements up to you.**

Any questions call Peter Allen @ 206-655-5409 days; or 206-328-1437 evenings.

Come on out and have some fun!!!

THE PHOTO BOX

on

THE BOEALPS ANNUAL PHOTO CONTEST

By Shawn M. Paré

Start rounding up your slides and prints, because once again it's time for the Boealps Annual Photo Contest to be held at the June general meeting.

First, Second, and Third place prizes will be given out for each of the categories listed below with the exception of the Echo Cover category. First place winning slides and prints will be displayed in the Alpine Echo (with permission of the photographer). The top four placing slides and/or prints in the Echo Cover category will each get placed on the Echo cover for a three month period over the course of the next year.

Slides

Mountain Scenes
Nature Scenes
Sunsets & Sunrise
Climbing
Most Embarrassing
Echo Cover*

Prints

Mountain Scenes
Climbing
Sunsets & Sunrises
Boealps Climbing Class
Most Embarrassing
Echo Cover*

*This will be a combined category. All entries into this category must have high contrast and a horizontal orientation (vertical orientations will not fit on the cover although possible alternate formats are being considered).

How to enter:

- Show up at 6:30 pm if you plan on entering any slides or prints.
- Entry forms will be provided at the meeting.
- Your name should appear on each entry. For slides write on the frame, for prints attach a note to the back.
- Each person may have a maximum of 2 entries per category.

Rules:

- Do not enter photos that have won in pervious years (The Echo cover category is not subject to this rule).
- You must be the actual photographer of your entry.
- All entries must be of club interest.

Any final arbitration rests with the club photographer whose decision is final.



CONSERVATION CORNER

Vera Trainer

Marv Perrin brought to our attention in the May '98 ECHO several juicy tidbits in the scientific debate on global warming which argue against its occurrence. However, this issue remains unresolved in the scientific community. Whether or not the earth is getting warmer, WE (that means, all of us) need to be concerned with the fact that human activities have a significant effect on the quality of our environment, that is, the air we breathe, the forests we enjoy, and the mountains we climb.

Mr. Perrin undoubtedly intended to make the point in his article that riding a bicycle 30 miles to and from work will have little or no impact on global warming, whether or not this warming is actually occurring. However, he neglected to mention the negative impacts that driving a minivan to work will have on our immediate surroundings, such as smog (auto emissions are considerably greater than the miniscule amount of CO₂ exhaled while riding a bike), toxic air pollutants, and acidic depositions, to name a few. These man made emissions may play a minor role in the alteration of the earth's climate, however, the burning of fossil fuels results in the release of nasty pollutants including hydrocarbons and nitric oxide into our surrounding environment. When these compounds react with sunlight, smog and ozone are the result. These partners in environmental crime contribute to damaged crops, damaged forests, and damaged human health.

Whether or not global warming is occurring (and the balance of evidence suggests that there is a discernable human influence on global climate change, see <http://www.ipcc.ch/cc95/wgl.htm>), it is known for sure that the atmospheric concentrations of the greenhouse gases, carbon dioxide, methane, and nitrous oxide have grown by about 30%, 145%, and 15%, respectively (values for 1992) since preindustrial times (about 1750). These trends can be attributed largely to human activities, mostly fossil fuel use, land use change, and agriculture.

So, the next time you ride your bike to work and have time to consider that your increased CO₂ emissions are likely not contributing to global warming, contemplate also the air quality in Seattle and the fact that we can still view the mountains from town on a clear day and can still distinguish this city from L.A.

More related web sites:

<http://www.environmentlink.org/orgs/edf>

<http://www.globalwarming.org>

<http://www.science.yorku.ca>

WILDERNESS PERMIT FEE PROGRAM TO BEGIN JUNE 1

Mount Rainier Superintendent William J. Briggie has announced that starting June 1, fees will be charged for Wilderness camping permits at Mount Rainier National Park. Day hiking in the park will continue without charge, other than the normal entrance fee into the park.

The Wilderness Permit Fee Program will be in effect only from June 1 through September 30, matching the season when quotas are in force throughout much of the backcountry in order to protect sensitive areas from overuse. Backpackers may obtain their Wilderness permits and pay their permit fees at the following sites: Longmire and White River Wilderness Information Centers, Wilkeson Ranger Station (the red caboose), and the Paradise Ranger Station. The fee will be \$10 for the Wilderness permit plus \$5 for each person in the party, regardless of age. For that one total payment, a backpacking party may camp for up to 14 days in the park's Wilderness. A \$40 Annual Wilderness Permit will also be available. The Annual Wilderness Permit will be issued to any one person and will cover the \$10 permit fee as well as the \$5 charge for that person.

Mount Rainier's Wilderness Permit Fee Program is the second for a national park in Washington State. Olympic National Park initiated a fee program in 1997. Both programs are part of the Congressionally directed fee demonstration program. Both Mount Rainier and Olympic are fee demonstration parks. Unlike past practices, some 80% of fees collected are now retained in the park and are directed toward backlogged projects, many of which benefit backpackers and hikers.

At Mount Rainier, Wilderness permit fees are directly used to staff the permit issuing stations for much longer hours... some 90+ hours of additional staffing per week. This corrects a common complaint of the past when backpackers would arrive at a ranger station early in the morning or later at night only to find the station closed. Superintendent Briggie said that without such Wilderness permit fees this year, the stations would have even shorter hours of operations due to limited base funds.

In addition to the direct benefit from the Wilderness permit fees, hikers and backpackers in Mount Rainier also benefit from the entrance station collections. A portion of those monies also are directed toward Wilderness work projects, including the following projects that are either currently underway or will be in the next few years:

- Rehabilitating the heavily-used trails in the Paradise area
- Rehabilitating some 20 Wilderness designated camps
- Rehabilitating the Wonderland Trail system, including the Trail itself and adjoining side trails
- Completing the final "missing" mile of the around-the-mountain Wonderland Trail in the White River area

Park visitors are encouraged to visit the park's web site at www.nps.gov/mora/ for further information about Mount Rainier National Park.

Source: <http://www.nps.gov/mora/current.htm#WILDERNESS>

WASHINGTON'S 100 HIGHEST MOUNTAINS (ORIGINAL BULGER LIST)

MB=MIKE BIALOS	MS=MARTIN SHETTER	PG=PEGGY GOLDMAN
DC=DAVE CREEDEN	BG=BILL GRONAU	RH=RAY HELLER
JH=JEFF HANCOCK	CW=CHRIS WEBER	DH=DAVID HOUSLEY
JJ=JOHNNY JEANS	PM=PAUL MICHELSON	TJ=TIM JACKSON
DG=DON GOODMAN	DS=DAVE STEPHENS	CG=CHRIS GRONAU
KW=KEITH WILSON	DF=DALE FLYNN	KB=KATHY BAILLIE
MT=MIKE TOROK	NB=NORM BURKE	EA=ELDEN ALTIZER
JB=JERRY BAILLIE	AW=AL WAINWRIGHT	

I'VE BEEN A LITTLE DELINQUENT THIS YEAR, MY ONLY EXCUSE—IF I HAVE ONE—IS THAT I HAD TO RETYPE ALL THIS STUFF BECAUSE I LOST THE FILE.

I KEEP TWO SETS OF THE LIST—ONE JUST BOEALPS CLIMBERS AND ONE THAT IS EVERYONE WHO HAS SENT ME THEIR RESULTS AND HAS ASKED TO BE INCLUDED. THIS YEAR I DECIDED TO PUBLISH THE LARGER LIST IN THE ECHO BECAUSE OF THE NON-BOEALPERS THAT FINISHED THIS YEAR.

THE BIG NEWS FOR 1997 WAS THAT FOUR PEOPLE FINISHED THE LIST. WHEN LONG JOHN PLIMPTON FINISHED IN 1996 HE WAS THE 10TH PERSON TO FINISH THE ORIGINAL BULGER LIST, SO NOW WE ARE UP TO 14. THE 1997 FINISHERS ARE:

11. DAVE CREEDEN—FINISHED WITH JACK ON JULY 13TH
12. MIKE BIALOS—FINISHED WITH PTARMIGAN ON JULY 15TH
13. JEFF HANCOCK—FINISHED WITH STORM KING ON JULY 19TH
14. JOHNNY JEANS—FINISHED IN MID-AUGUST (20th??) WITH PTARMIGAN

WITH DON GOODMAN SITTING AT 98, IT WOULD SEEM HE WILL BE #15 IN 1998.

THE TWO MOST ACTIVE CLIMBERS (IN TERMS OF NUMBER OF BIG BOYS BAGGED) WERE KATHY BAILLIE AND CHRIS WEBER. THE REST OF US WERE CONTENT (?) WITH SINGLE DIGIT SUCCESSES.

THE LIST FOLLOWS ON THE NEXT TWO PAGES. FOR YOU CLIMBERS THAT ARE NEW TO BOEALPS (AND YOU OLD-TIMERS FOR THAT MATTER) THE OFFER STANDS AS IT HAS FOR YEARS; AFTER YOU HAVE SOME EXPERIENCE (LET'S SAY YOU'VE CLIMBED 10 OF THESE PEAKS), AND YOU WANT TO "JOIN" OUR LITTLE GROUP, GET IN TOUCH WITH ME AND I WILL ADD YOU TO THE LIST.

HERE'S TO A BETTER YEAR IN 1998

YOUR DELINQUENT SCRIBE,

BILL GRONAU

rank	name	height	DC	MB	JH	JJ	DG	KW	MT	JB	MS	BG	CW	PM	DS	DF	NB	AW	PG	RH	DH	TJ	CG	KB	EA	
1	RAINIER	14,410	4	X	X	X	X	X	X	X	X	X	X	X	4	X	X	X	X	X	X	X	X	4	X	
2	ADAMS	12,276	X	X	X	X	X	X		X	X	X	X	X		X	X	X		X	X	X	X	7	X	
3	LITTLE TAHOMA	11,138	X	X	X	5	X	4	X	X	X	X		X		5		X	5			X			X	
4	BAKER	10,775	6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	GLACIER	10,541	X	X	X	X	X	X	X	X	X	X	7	X		X	X	X		X	X	X	X		X	
6	BONANZA	9511	X	X	4	5	X	X	X	X		6	X	6	X	X	X	X		X	X	6	6			
7	STUART	9415	3	X	X	X	X	4	X	X	X		7	X	3	3	6	X		X	X				X	
8	FERNOW	9249	4	X	X	X	X	3	X	X	X	X	X	X	4	6	X			X	7				7	
9	GOODE	9200	5	X	7	X	X	6	6	X	X	6				6	X									
10	SHUKSAN	9127	5	X	X	X	X	X	5	X	X	X	X	5		X	X	X				X	X	X		
11	BUCKNER	9112	4	X	X	X	X	5	7	X	X		7	X	4	5	X									
12	LOGAN	9087	3	X	X	X	X	6	6	X	X	6	7			6	X									
13	MAUDE	9082	X	X	X	X	X	X	X	X	X	X	X	X	X	5	4	X		X	X	X	X			
14	SEVEN FING. JACK	9077	X	X	X	X	X	3	X	X	X	X	X	X	X	X	X	X		X	X	X	X			
15	JACK	9066	7	X	5	X	X	4	X	X																
16	SPICKARD	8979	5	X	X	X	X	3	X	X			X		5	4										
17	BLACK	8970	X	X	X	X	X	X	X	X	X	X	7	X	X	X	4	X		X	X	X	X		X	
18	COPPER	8966	5	X	X	5	X	6	6		X			X	5	6	X		5							
19	NORTH GARDNER	8956	X	X	X	X	X	4	X	4	X	X	5	X		4	5		4	X						
20	REBOUBT	8956	6	X	X	X	X	3	X	X			X		6	4						7				
21	DOME	8920	4	X	X	X	X	5	5	X	X		X		X	X								6		
22	GARDNER	8897	X	X	X	X	X	4	X	X	X	X	5	X		4	X		4					X		
23	BOSTON	8894	4	X	4	X	X	6	6	X	X	5		X	4		X	5				4				
24	SILVER STAR	8876	5	X	X	X	X	X	X	X	X	X	5	X	5	X	X	X		X	6	X			X	
25	ELDORADO	8868	4	X	X	X	X	X	X	X	X		6	X	X	4	7	X	4	X		X		4	X	
26	DRAGONTAIL	8840	X	X	X	X	X	4	7	X	X	X	5	X	X	3	X	X	5		X	X		4	X	
27	FORBIDDEN	8815	5	X	X	X	X	4	X	X			5	X	6	5		X				6			X	
28	MESAHCHIE	8795	4	X	5	X	X	4	X	X	X	4	5	X			X	X			X					
29	OVAL	8795	4	X	X	X	X	4	X	4	X	X	5	5		4	X	4	4	X	X	4		4	X	
30	LAGO	8745	X	X	X	X	X	3	X			X	7		7	3		X	3	X						
31	ROBINSON	8726	X	X	X	X	X	7	X	X	X	X	5	X	5	7	X			X	X					
32	COLCHUCK	8705	X	X	X	5	X	5	7	4	X	X	5	X	X	5	X	X				4	X	4	5	
33	STAR	8690	4	X	X	X	X	4	X	4	X	X	5			4	X	X	4	X	X	4		4	X	
34	REMMEL	8685	X	X	X	6	X	5	5		X	X			X	5	X	X								
35	KATSUK	8680	4	X	5	X	X	4	X	X	5	4	5	X			X	X								
36	SAHALE	8680	4	X	X	5	X	X	6	X	X	3		X	X	X	X	X	4	X	X	X	3			
37	FORTRESS	8674	2	X	X	X	X	X		X	X	3	X	X							X		3	4		
38	CANNON	8638	5	X	X	5	X	3		X	X	X	6	X	5		X	5	5		X				7	
39	CUSTER	8630	5	X	X	7	X		5	X			5		5		X									
40	PTARMIGAN	8614	X	7	X	7	X				X	7						X								
41	SHERPA	8605	5	X	X	6	X	6	6	X	X		5	X				X								
42	CATHEDRAL	8601	X	X	X	X	X	5	5		X		X		X	5	X	X								
43	KIMTAH	8600	6	X	7	X	7	4	X	X	7	5	6	7				X					5			
44	CARDINAL	8595	5	X	X	X	X	X	X	X	X	X	5	X	X		X			X	X					
45	CARRU	8595	X	5	X	X	X	3	X			X	5		5	3		X	3	X						
46	MONUMENT	8592	4	X	X	5	X	5	5	X				X	4	5		4	5	X				5		
47	OSCEOLA	8587	X	X	X	X	X	3	X			X	5		5	3		X	3	X	X					
48	LIBBY	8580	X	X	X	X	X	4	X	4	X	X	4	X	7	4	X	X	4	5	X			4		
49	CLARK	8576	3	X	4	X	X	X	X	4	X	7	X	X	3	X	X	X	X	X	X				7	
50	BUCK	8573	3	X	5	X	X	X			X	3	X										3			
51	STORM KING	8520	3	X	X	X		6	6		X	6			3	6										
52	ENCHANTMENT	8520	5	X	X	5	X	3		X	X	X	6	X	X			5	5		X				7	
53	REYNOLDS	8512	5	X	X	5	X	6	6	5	X	X	5	4		6	5	5	5	5	5	X	4		5	
54	MARTIN	8511	X	X	4	5	X	X	X			6	X	6	X				5			6	6			
55	PRIMUS	8508	4	X	X	6	X	6	6	X	X	3	X		4	6			6				3	7	X	
56	DARK	8504	5	X	6	6	X						5		5		X									
57	CASHMERE	8501	X	X	X	X	X	X	X	X	X	X	X	X	X	5	6	X	X		X		X			
58	KLAWATTI	8485	6	X	X	6	X	6	6	X	X	3	6	X	6	6							3		X	
59	HORSESHOE	8480	4	X	X	5	X			7			5	7	X	4		X	5							
60	MOX PEAK, SE	8480	6	X	X	7	X			X			6		6											
61	RAHM	8480	5	X	X	7	X		5	X		3	5		5		X	X				X	3		3	
62	BIG CRAGGY	8470	X	X	X	X	X	5	X	3	X	X	X	X	X	5	5	X	5		7		X	3		

Glacier Peak via Frostbite Ridge
May 2nd & 3rd, 1998
(return via Sitkum Glacier)

We piled into Paul's truck Saturday morning around 4:30 with coffee in hand and headed for the White Chuck River trailhead. There was a surprising amount of chatter among us for that hour of the morning. Anyway, we hit the trailhead at about 7 and started to split up the group gear. We all really pushed to make our bags light since we knew that we would be carrying them over the top - at least we all talked like we got our bags down to the bare minimum. That was where I learned a VERY important lesson. Never leave your bag unattended near the trailhead while everybody else is going nuts to cut weight (more on that later).

We hit the trail running, knocking out the first 5 miles of approach in a little under two hours. The trail is a really pretty one with some great ridge travel and a few peeks at our goal. We started having to kick steps pretty steadily at about 3000 ft. We lunched at 5000 ft and got our first views of our route at the same time. The Kennedy glacier is really cool looking with great contortions of ice and snow pressed up against, and wrapped around, crumbling rock ridges. When we hit the terminal moraine, Dan took off to a cliff to fill up a liter bottle for each of us from an afternoon drip. We were very thankful as we marched in the sun.

Finally we had gone as far as we could go without a rope and so we stopped to suit up. All five of us were sharing a single rope. As we dug deep into our packs for all the necessities I heard Paul call out, "Hey, whose chunk of cheese is this? And where did these tent poles come from?" - I guess that's what happens when you leave your bag laying around while you drive the car the 1/4 mile away from the trailhead! We all had a hearty laugh. So then we roped up and marched. A water break and a couple of hours later we had found a great spot to camp at 8000 ft near Kennedy Peak and below Frostbite Ridge, which we would follow Sunday morning. We ate and lounged and ate. There was a real temptation to make a run for Kennedy peak after dinner but there was never more than one person wanting to do it at any given time. So we hit the rack.

Sunday morning came fast. Five thirty eight AM and we were making tracks. The rain clouds that had followed us on the way in had hit the mountain and stuck at around 6000 ft. There was a cottony layer spreading out in all directions; to our great pleasure the cloud layer was broken by nearly all of the peaks of the North Cascades - Dome Peak, Sahale, Boston, Forbidden, Baker, Sloan, Dickerman - lots. The beauty of it was that every time we rounded or topped a feature, more of the Cascades came into view. It was great! It was a little too hazy for Rainier, but that was OK, we had plenty to look at.

We went through the a little notch called the Rabbit Ears and weaved our way down a sharp ridge that was a ton of fun. We then crossed a broad slope to the edge of the crater. Any later and it would have been dicey avalanche-wise, but fortunately it was still frozen. Across the crater was a steep snow slope leading to the summit. We drank some water and started up. The three or four inches of snow on the ice did not make for very stable steps so we had to walk softly - and slowly. Up higher the snow changed character and turned into a tippytoe affair where it was too hard to kick into and too steep to flatfoot.

That gave way to a few postholes and the summit plateau area. We ate and lounged in bright sunshine with nearly no wind. Mike brought a payday bar for everybody, Steve brought Oreos, Paul brought Chips Ahoy, Dan brought Tropical Gorp, and I felt like a goofball because I refused to pack a single extra ounce and had no treats. I will know better for next time.

From there we ran up a cool little snow fin that afforded a great view of the route out. We did a roped sitting glissade mixed with some walking down the Sitkum Glacier to Boulder Basin. From there we headed on and off trail down to the White Chuck River and caught the Pacific Crest Trail which we took to Kennedy hot springs. We all got in to one extent or another - it was not easy to coax my feet back into boots.

From there it was a quick (or not so quick) 5 miles to the car - (it was quick if you listened to your watch and long if you listened to your legs!). We were changed and on our way to the Backwoods restaurant in Darrington by 6:55.

It was a great trip.

-- José Pastor

ADDRESS CHANGE FORM

NAME: _____

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NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer st. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

June ECHO staff

Editor: Mark Hicks
Activities/calendar report: Len Kannapell
Conservation report: Vera Trainer
Trip reports: José Pastor

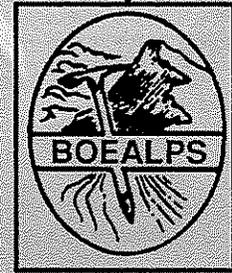
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

July 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	OR-PX 425-717-0025	Equipment South	Mike Jacobsen	3E-59 253-657-1438
		christopher.c.rudesill@boeing.com			michael.t.jacobsen@boeing.com
Vice President	Rich Baldwin	2H-30 206-544-7580	Central	Silas Wild	206-527-9453
		richard.f.baldwin@boeing.com			silaswild@yahoo.com
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		lpk@hartcrowser.com			elaine.worden@boeing.com
Conservation	Vera Trainer	206-522-7022	Photographer	Shawn Paré	OH-KL 425-342-7134
		Vera.L.Trainer@noaa.gov			shawn.m.pare@boeing.com
	Katy Rusho	206-256-1263	Programs	Eric Bennett	03-92 425-294-2530
		katyr@pmisattle.com			eric.r.bennett@boeing.com
Echo Editor	Mark Hicks	02-JA 425-294-0588	Homepage Editor	Rob James	rob.james@gecm.com
		mark.a.hicks@boeing.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369
Education	Ken Johnson	0U-31 425-266-7659			
		ken.johnson@boeing.com	Home Page	http://www.accessone.com/~boealps	

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

From Elaine Worden 6H-CJ

July Picnic - Marymoor Park
Join us At
The Marymoor Climbing Rock
In Redmond

Facts...

When: Thursday, July 9th 5:00-Dark
Who: Boealpers, Families and Guests
Why: Meet Friends, Climb The Walls, Frisbee, Etc.

...And more Facts

Main dish and drinks will be provided. Please bring a side dish to share. If last name begins with:

A-G: Dessert

H-N: Salads or Fruit

O-Z: Chips and Dip

BELAY STANCE

No June Board

There was no board meeting in June but we'll be back in July. The minutes will be posted in the August issue.

This Issue Includes...

...Conservation Corner by Vera Trainer on a fixed pro ban in wilderness areas, a trip report on an ascent of Mt. Shuksan by Andy ouellette and a report on a climb of Mt. Baker by Matt Robertson.

Homepage Password

The password for the homepage is: **SLESSE**

This is used when accessing the Activities or Club roster sections of the homepage.

Next Month

The Marymoor Picnic replaced the General Meeting this month, but we will be back to our regular scheduled program next month. Check next month's Echo's for details on the main show.

From the desk of your editor,



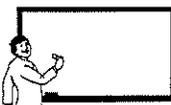
Mark Hicks

AUGUST ECHO DEADLINE IS JULY 23rd

July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																											
<table border="1"> <caption>June</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td></td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <table border="1"> <caption>August</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			S	M	T	W	T	F	S	1	2	3	4	5	6		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						1	2	3	4  Independence Day
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August

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hikes ● scrambles ● ski trips ● climbs

The Sisters (Oregon)

July 2-5 (4th of July weekend)

Come join Al Baal when he does The Sisters. We will take off on the morning or afternoon of Thursday, July 2nd.

Party Limit 12
Contact Al Baal
(425)266-2551 (w)
(206)781-2382 (h)

Note: non-Boealps members will have to sign a waiver to participate Boealps activities.

Dante's Peak (Idaho)

July 2-6

Bike blitz the Coeur D'Alene Mountains of the Bitterroot Range, the reputed home of Idaho's most famous volcano. However, in the event our search for this cinematic summit is unsuccessful, other more substantial mountain bike ascents along the Idaho-Montana border will be considered. Alternatives include: Granite Peak, the highest summit between milepoints 110 and 120 of the stateline; East Bullfrog, the highpoint between MP 120-130; and Stevens Peak, the most dominant crest of the 130-140 segment.

Non-peak oriented bikers who prefer not to abuse their equipment on third class terrain will have the option of riding some outstanding singletrack in the Wallace region, including the CC Divide east of Mullan Pass, and the nationally renowned Cranky Gulch/Bad Tom loop just south of town. A joint ride with the infamous Bat Wave Boys -- a robust group of very capable riders from across North Idaho is also on the agenda.

Our party will rendezvous at 9am friday morning in downtown Wallace (at Alpine Surf Wear, Inc.) and convoy to our first trailhead at Glidden Pass.

Area historic Wallace, Idaho
Contact Pierce Brosnan @ Universal Studios or ...
Lizard @ 425-865-3783
lizard@redwood.rt.cs.boeing.com

Squamish (Canada)

July 17-20

Join Chris Rudesill for a weekend of rock climbing in immaculate Squamish, north of Vancouver and south of Whistler. This is the home of great granite and climbing routes that range from 5.2 to 5.12, perfect for you recent Basic Class grads and veteran trads to climb like mad. Opportunities for single-pitch and multi-pitch climbing, bolted and natural routes, so come on out!

We will leave Seattle Friday night and for those that have Mondays off, we'll come back Monday afternoon. Otherwise, you can return to Seattle Sunday evening. Camping is roughly \$7 Canadian, next to Squamish Chief. Note: this is about a five hour drive from Seattle - contact me for driving arrangements.

Contact Chris Rudesill
(206) 717-0025 (w)
(206) 729-0640 (h)

Unicorn Peak (Tatoosh range)

Saturday, July 25

Drive down on Sunday morning in order to set off from Bench Lake trail at 7am. This is located on Stevens Canyon Road, just past Reflection Lakes. The climb is a snow approach followed by a class 3 rock scramble (which has a class 5.5 move on it). It may be necessary for someone to lead climb a short pitch and then belay from the top. Rappel off the rock to get back down.

Route Bench Lake Trail (as given in the Beckey guide)
Rating class 3, My experience: class 3 with a class 5.5 move part way up
Maps USGS: Tatoosh Lakes, USGS: Mt Rainier East
Skills required Basic class graduate or equivalent. One person may have to do some rock leading.
Equipment 10 essentials, helmet, harness, ice axe.
Party Limit 8
Contact Harvey Crompton
(425)294-5665 (w)
(206)230-8686 (h)
harvey.crompton@pss.boeing.com
M/S 08-AE

Sahale Peak (North Cascades)

August 1-2

Terry Hill, yet another recent Basic Class grad, leads the charge to this peak known as "The Matterhorn of the Cascades." Great views of Buckner, Goode, Forbidden, Eldorado - the sky's the limit.

Party Limit 6-8
Route Quien Sabe or Sahale Glaciers (will depend on conditions)
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Terry Hill
(206) 544-6033 (w)
(425) 254-3503 (h)
terence.a.hill@eskimo.com

Mt. Daniel (near Roslyn)

August 1-2 (or 3rd)

Join Black Team grad Steve Fox on this adventure to beautiful 7960' Mt. Daniel. Group will decide route. See Jim Nelson and Peter Potterfield's *Selected Climbs in the Cascades* for more info.

Party Limit 6-8
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Steve Fox
(425) 266-8818 (w)
sfox@eskimo.com

Ptarmigan Traverse

August 8 - 17

The trip starts at Marblemount at the Downey Creek trailhead. The route crosses the Cache Glacier to Kool-Aide Lake. There are opportunities to scramble up Mixup Peak, Hurry Up Peak, Rays Knoll, Magic Mountain, and Trapper Peak. On to Yang Yang Lakes and south across Red Ledge, between Mount Formidable and Spider mountain (with opportunity to climb both of these). Continue to White Rock Lakes with a climb of German Helmet. Then on to Dome Glacier and a climb of Dome Peak. Finishing with Itswoot Lake and a climb of Spire Point on the way to Bachelor Meadows and down Bachelor creek and out to Downey creek. Cars are dropped at the end location ahead of time.

Area Marblemount
Rating Excellent!
Class Rating Class 2/3/4 and 5
Limit 6
Notes Female only trip
Contacts Janet Oliver
(425) 413-0298 (h)
oliverj2@msnemail.com
Joyce Holloway
(425) 888-4434 (h)
joyce.r.holloway@boeing.com
M/S 6F-06

Wilman's Pass (near Monte Cristo)

Sunday, August 9

Route is overgrown, so expect bushwacking and lots of routefinding fun. Possible class 3. If time permits, we'll try to find some old mines. Descend via Poodle Dog Pass trail. Tour ghost mining town of Monte Cristo. Bicycle on gravel road 4 mi from Barlow Pass to the Monte Cristo townsite. Follow historic miner's route up '76 gulch to Wilman's/Pearsall Pass (4860').

Party Limit 4-6
Time 8 hours, assuming bicycles used from Barlow Pass to Monte Cristo
Equipment mountain bike (road bike can work ok), harness in case of off-route trouble, 99 essentials
Contact Steve Fox
425-266-8818 (w)
sfox@eskimo.com

Ruth Mountain and Icy Peak

August 15-16

Join Black Team grad Steve Fox (again!), this time to the North Cascades - don't miss this one, as this is a spectacular with great view of Shuksan and Baker and dozens of peaks.

Party Limit 6-8
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Steve Fox
(425) 266-8818 (w)
sfox@eskimo.com

Sloan Peak (Mountain Loop area)

August 15-16

They just keep coming - Troy Colyer, another Basic Class '98 grad, takes you to another "Matterhorn" - this time 7835' Sloan Peak. Approach from Bedal Creek (Mountain Loop highway), bivy at 4800'. Sunday is a (possible) short glacier traverse and a Class 3 scramble to the summit.

Party Limit 6-8
Route Corkscrew
Equipment Standard glacier gear, helmet, perhaps sneakers for Sauk River crossing
Experience Basic Class or equivalent
Contact Troy Colyer
(206) 720-7294 (h)
troy.colyer@boeing.com

Sharkin Tower (North Cascades)

August 22-23

Black Team leader Rich Baldwin, fresh from thrashing his troops into shape, takes you to the North Cascades for a weekend adventure - and great weather, of course.

Party Limit 6
Route Southeast Ridge
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Rich Baldwin
(206) 544-7580 (w)
richard.f.baldwin@boeing.com

Hi-Tec Adventure Racing Series

August 29 - 30

The Hi-Tec Adventure Racing Series is touted as the weekend warriors answer to the Eco Challenge. Teams of 3 are put through an hour in a kayak, 10-15 miles on a mountain bike and a 5-8 mile trail run. There are also "special tests" along the way such as rock climbing, obstacle course, mud pit, swimming, tyrolean traverse, etc. The distances, order and special tests are unknown until just before the race. Jane and I are looking for a team mate to join us. We are not going to win this race, so bring a spirit of adventure and a willingness to have fun no matter what. Priority will be given to anyone over 47 (allowing us to race in the masters division). You must provide your own mountain bike and share of the entry fee (\$60 - \$70).

Mountain or Area Henry Hagg Lake, Portland OR
Rating Ugly
Grade Nasty
Distance 1 hour in kayak, 10 - 15 miles on mountain bike,
5 - 8 mile trail run round trip
Additional Info <http://WWW.MESP.COM>
Skills Required Running, kayaking, biking, having fun in adverse
environment, teamwork
Number of persons 200 teams of 3. We need 1.
Contact Info Mark Adkins
(425) 513-2727 (eves)
surfer@eskimo.com

West McMillan Spire (Pickets)

Sept. 5-7 (Labor Day weekend)

Mark Hicks and Katy Rusho lead this trip to the remote, challenging, and awe-inspiring Southern Pickets. Drive from Seattle Saturday morning and do the approach, climb Sunday, and return to civilization Monday. This lengthy approach (7-10 hours) may include bushwhacking, so brush up on your route finding/scrambling skills. Potentially circuitous glacier travel ending in 40° snow/scree gully. Exposed 3^d/4th class scramble to the summit.

Route West Ridge
Party Limit 6
Equipment Standard glacier gear, helmet, tent or bivy sac
Experience Basic Class or equivalent
Contact Mark Hicks (425) 787-2469 (h) mark.a.hicks@boeing.com
Katy Rusho (206) 256-1263 (w) katyr@pmiseattle.com

Mt. Adams and Mt. St. Helens - Volcanic Duo

Sept. 11-13

Thomas Ott, recent Blue Team Basic Class grad, leads the trip to this dynamic duo the weekend after Labor Day. Leave Seattle early Friday morning and drive to the trailhead (Adams Creek meadows). Hike to camp on the North Ridge. Climb Adams on Saturday and return to camp Saturday night. Sunday, get up early and drive to Mt. St. Helens via Monitor Ridge (standard route).

Party Limit 6-9
Equipment Standard glacier gear, helmet, tent or bivy sac
Experience Basic Class or equivalent
Contact Thomas Ott (253) 639-9978 (w) (253) 657-0194 (h) r.t.ott@boeing.com

BoBaby Hike - Weeks Falls

This walk is for parents with pre-toddlers or toddlers. We'll walk along the Snoqualmie River to Weeks Falls, and have a picnic lunch along the way. The path is almost flat and stroller friendly, so it's a great opportunity for you new parents to join us on an easy outing. The water's tempting, and there's a couple of places where you can safely wade into the river, so an extra change of clothes is probably prudent!

Distance: 1 mile round trip, elevation gain: 100 feet.
Reference: Hiking the Mountains to Sound Greenway, page 194.

When: July 25th
Contact: Matt/Maren Robertson
425-822-0455 (h)
425-957-5691 (w)
matt.roberston@boeing.com
Limit: A dozen or so

Submit activities to

Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Keep them coming!!*

BOEALPS Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more information. Thanks!

Trip Dates: _____

Mountain or Area: _____

Route: _____

Rating: _____

Grade: _____

Elevation Gain: _____ (in feet).

Distance: _____ (specify if one-way or round trip)

Time: _____ (time required to do round trip)

Maps Required: _____ (name and type, USGS, GT)

Additional Information: _____ (Source and page)

Skills Required: _____ (a.k.a. ; ice, rock leading, Basic Graduate)

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info:
Name: _____
Phone: (____) _____ (Work)
 (____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: All persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, ask persons who have done the route, and come prepared. Be safe and have a good time!

Submit activities to
Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com



CONSERVATION CORNER

Vera L. Trainer

SAFE CLIMBING IS ENDANGERED IN WILDERNESS AREAS

United States climbers were dealt a major blow this month with the announcement of fixed anchor bans in National Forest Wilderness areas. On June 9, the U.S. Forest Service ruled that much of the safety equipment used in technical rock climbing is now banned from these locations. This ruling bans the placement and use of metal bolts, pitons left in the rock, and slings or ropes tied around trees or rocks. Citing the 1964 Wilderness Act, the new regulation concludes that, because climbing anchors are permanent improvements, equivalent to roads, motor vehicles, dams, motorboats and aircraft, they have no place in the wilderness.

The ban affects the following areas in Washington state: Prussik Peak and the Snow Creek Wall in the Cascades.

The Access Fund has vowed to reverse the new policy.
(Source: Rock and Ice)

FOREST SERVICE REPORTS BIG LOSS ON TIMBER SALES

So after reading the above, you might ask yourself what the Forest Service is really doing to protect our wilderness. Unfortunately, the following news doesn't give an answer to that question. Although the sale of trees from national forests accounts for only about 5 percent of the nation's logging, the Forest Service reported that more than \$88 million were lost last year in timber sales. Losses have skyrocketed since 1996 (the first year that a loss was reported to the tune of \$15 million). In this year's report to Congress, the U.S. Forest Service included for the first time expenses incurred for the building of logging roads. And we are paying taxes for that?
(Source: Seattle Times)

What you can do: support the Access Fund, scream to your Congress people and Representatives.

A Farewell

Christopher Lee "Chris" Weber an active and enthusiastic Seattle climber died May 31st at the age of 37 after a long bout with a rare form of cancer. He had returned to his home town of Cincinnati shortly before his death to spend his final days with his relatives.

Chris climbed with the Seattle Mountaineers, Boealps, and the Bulgers, and will be missed by friends in all three organizations. In last months "Alpine Echo" he was credited with being among the most active in climbing Washington's 100 highest mountains, having climbed 30 in 1995, 12 in 1996, and 13 in 1997, and reached a total of 86 of the summits. Chris climbed Mt. McKinley in 1996 during the early stages of his cancer, which was diagnosed in the fall of 1996 and for which he had surgery in February 1997. What seems to be particularly noteworthy concerning his final year of climbing in 1997 was that he managed to complete 13 of "the 100 highest" between hospital visits and Chemo therapy. And, he was working with the scheme of getting the most remote ones first, while he could, and leaving the easier ones until later.

A memorial event will be held Tuesday, July 7th at Pinnacle Room of the Mountaineers (300 3rd Avenue West in Seattle) at 7pm for friends of Chris' to tell stories and reminisce about Chris. There will be an open mike and friends are encouraged to bring snacks to share. For more info call Holly Newman (206) 729-5300.

Dan Davis

Remembering Lee West

Last month's note on the passing of Lee West has brought back a spate of pleasant memories regarding this colorful and amusing gentleman of the mountains. I never knew Lee very well, and have not seen him for many, many years; but my recollections of him are among the most vivid of my early climbing career. Our most memorable trip together was a spring ski tour to Mt Baker in May 1969 with Chuck Crenchaw and Ted Schoetten (Lee's friends and contemporaries). Our small team got along extremely well together and Lee's exquisite British banter would constantly have everyone in stitches. However, Lee soon let it be known that as junior member of the party I was obliged to serve an apprenticeship -- meaning youth should carry all the group's common gear, including tent, rope, and stove. Moreover, youth was also obliged to excavate and level a suitable campsite along railroad grade and to serve in any other capacity as the senior members of the party (i.e., Lee) deemed necessary.

Lizard's initiation into mountain manhood went fairly smoothly until West stepped into a crevasse on the summit plateau and sprained his knee. Youth was now commanded to carry much of master's personal gear and to make haste to Schrieber's Meadows in search of help. Fortunately a snowmobile was encountered not too far below basecamp, and for \$5 the driver was persuaded to make a rescue run up the Easton Glacier. Lee, who had previously heaped scorn on the snow machines, showed no reservation in jumping onboard -- snowmobiles were now OK in the mountains as long as they were used for purposes other than recreation.

Lee was quite a character, and I wish him well on his final ascent. Guess I will have to write off that five bucks he still owed me.

Lizard

Mt Shuksan - Sulphide Glacier Route

20 and 21 June 1998

Climbing Team

Ed Hahne - trip leader
 Rob Dymond
 Ray Gilmour
 Jim Souza
 Bernie Boulton
 Carson Kaan
 Harvey Crompton
 Andy Ouellette - scribe

Trip Log

Saturday			
	10.30 AM	Leave Trailhead	2500 ft
	2.00 PM	Gain Col	5400 ft
	4.00 PM	Arrive at Camp	6500 ft
Sunday			
	4.30 AM	Leave Camp	6500 ft
	6.45 AM	Arrive at Pyramid Base	8500 ft
	8.30 AM	Summit	9127 ft
	9.00 AM	Begin Descent	
	11.30 AM	Arrive at Pyramid Base	
	12.00 Noon	Descend Glacier	
	1.30 PM	Arrive at Camp	
	2.00 PM	Leave Camp	
	4.30 PM	Arrive at Trailhead	

The itinerary said to meet at the 128th St Park and Ride lot at 6.30 AM on Saturday. By 6.45 AM, there were four vehicles and 6 intrepid explorers congregated in one corner of the lot. All well and good, except that nine people had signed up for the climb. We soon learned that 1 person had backed out at the last minute, and Bernie was camping with his family up near the trailhead and would meet us there. But that still left us one person short. At about 7.00 AM, someone's brain woke up a little bit more and the brain's owner said, "hey, there's another, newer park and ride lot on the other side of the freeway, maybe we should check that one out". So we piled our bodies everybody's gear into two SUV's, one of which left directly for the ranger station, while the other one went to have a look at the other park and ride lot first. When it got there, sure enough, there was a rather forlorn looking climber (Harvey) sitting in his car, wondering where everybody was. After loading his gear and body into the car, it was on to the ranger station to 1) buy the required 'trailhead parking permit' (which allows us to park our vehicles on the side of a road built and maintained with federal tax dollars, located on publicly owned National Forest Service land), and 2) register for the climb.

With all the paperwork out of the way, it was on to the trailhead. We started with a final round of introductions; this outing had been organized primarily by e-mail, so it was good to be able to associate faces with the names we had been writing to. We did a quick assessment of the group gear (tents, shovels, stoves, ropes, etc) and divided it up among the 8 climbers. A brief review of the route and timetable was followed by a 'pre-climb' group photo, and then we were off, with mostly sunny skies and 70 degrees, at 10.30 AM.

The trail begins at 2500 ft and follows the remains of an old logging road for the first mile, which was a mixed blessing. The walking is easy (low grade), but this is traded off in your mind with the knowledge that you still have to get to the summit eventually, therefore it's going to get much steeper later on. And, the fact that it was a logging road suggests that it will eventually lead to a clear cut, which means bushwhacking and lots of hot sun.

We reached the expected clearcut, and found the trail steep and muddy; however, it looked fairly new, and the underbrush was under reasonable control. This clearcut was not overly large, and we soon got into the older growth forest (and out of the sun) amid much rejoicing. The trail eventually disappeared under the remains of the winter snow cover, requiring some minor routefinding work, but we were soon on the broad open ridge line (4500 ft), with a view towards Mt Baker to the west and the Sulphide Glacier, our intended camping spot, to the north. After traversing the ridge, we reached the col (5400 ft, 2.00 PM) described in Beckey's guide book, and noticed that the sky had gone from partly to mostly cloudy. We talked to a party of two that had summited earlier in the day, and got information about route and snow conditions. Jim was

complaining of an upset stomach, but couldn't figure out why, saying "we aren't high enough for altitude sickness". He said that he would like to go on, but he may be moving a bit slower than the rest of us. We all agreed to keep the party together, and slowed the pace down a bit.

We left the col at 2.30 PM, and did an ascending traverse of the snowfield on the other side, following tracks placed earlier by another party. When you do this however, you have to assume that the people making the tracks were going to the same place you are. We soon figured that this was not the case, and struck out on our own path, heading directly up slope. As we crested this slope, we came upon a large, open, relatively flat area (6500 ft, 4.00 PM), and the lead climbers waited for the rest of the group to catch up. The darkening sky began to spit a bit of rain on us, so out came the raingear, in anticipation of a mountain storm. A few minutes later, the entire party was on the flat area, and we discussed our next move. Jim had taken a short break on the ascending traverse, and remedied his upset stomach problem with the 'finger in the throat' trick, so he was now feeling much better. After some discussion, the consensus was to set up camp here, and plan for an early start in the morning. We turned to excavating pits in the snow and building walls for the tents, while the air was filled with the sound of camp stoves rapidly turning snow into hot water for dinner and beverages. Rob dug out a nice kitchen area with a three person bench for our dining pleasure.

The weather improved dramatically that evening, with the large dark cloud responsible for the small amount of rain we experienced drifting off, and the remaining clouds breaking up to reveal a spectacular view of the North Cascade Range, Mt Baker, and our objective, the summit pyramid of Mt Shuksan. We spent a while playing 'name that peak', then turned our attention to Sunday's exercise. It appeared that the route we were supposed to follow on the pyramid was a near vertical, snow filled gully, leading Ray to remark that "it looks a wee bit nasty" in his rich Scottish brogue. We all agreed, but all the other potential routes we could contemplate looked worse. Then someone pointed out that we were looking head-on into the gully, so it was difficult to get an accurate perspective on the slope. We decided to make the final decision when we got closer the next day.

The wristwatch alarms rang at 3.00 AM on Sunday, and people started moving about, putting clothes on and getting the stoves fired up. I took the opportunity to use the latrine with a view, a small rock outcropping hidden from view of the camp by 2 intervening low ridges. While the view was grand in the pre-dawn light, (steep valley below, looming presence of Mt Baker with the lights of Bellingham beyond) it took almost 10 minutes to complete the process and get back to camp. Eat a hot breakfast, get the ropes set up, put on crampons, shoulder the packs, and we were off and moving at 4.30 AM, half an hour later than planned. As we walked up the glacier, we watched the eastern horizon steadily brighten, with a thin crescent moon just preceding the sun to the left and Venus slightly higher and to the right.

We reached the exposed rock of the summit pyramid (8500 ft) at 6.45 AM, making considerably better time than the couple we spoke to at the col on Saturday, who had taken 4 hours to reach the same spot. As we approached the pyramid, we could see that the snow gully we saw from camp was less steep than it had appeared, but would still require lots of care. After some discussion, we decided to unrope and ascend to the top of a smaller gully to the east, then traverse across some rock to regain the main gully. The snow was very solid, as the sun had not yet hit it, and kicking steps with crampons was a breeze. When the Rob got to the top of the east gully, he figured that it wouldn't work as planned, as there was no good way to get off of the snow and onto the rock. So we downclimbed a bit and considered our options. At this point, the climb changed from one with a pre-determined, well understood route to an "I'll go over this way and see what it looks like" type of deal. We asked the other rope team, still at the base of the pyramid, to bring their rope with them, because of the exposure we were looking at on some of the options. In the end, nobody roped up on the ascent, and the entire party summited, but via at least 4 different routes. By the time we all got to the top, (9127 ft, 8.30 AM) we were content to simply enjoy the view on a cloudless summer day, no wind and 55 degrees. The entire North Cascades were spread out before us, and more distant perspectives offered Glacier Peak and Mt. Rainier to the south, and the Olympic Range off to the west beyond Mt. Baker.

After the obligatory summit photos, made more convenient by the arrival of another pair of climbers (who had taken yet another route up the pyramid) we decided on a route for the descent, and took our leave at 9.00 AM. (What was that old US Army ad, 'we do more before 9 AM than most people do in a day'?)

Our chosen route took us from the summit down the east face of the east ridge of the pyramid, to a notch where we could cross over to the west side of the ridge, and then descend into the east snow gully that we had attempted on the way up. We descended a bit, then used our one rope to rappel down to a shelf. From the top of the rappel, there appeared to be several options for exiting the rappel and gaining the notch. At the base of the rappel we again sent scouts out to find the cleanest route. Rob found the route that most of us used, which involved a difficult traverse along a narrow descending ledge, followed by a 10 ft climb to the notch. He passed through the notch and continued down the east snow gully from its top, first plunge stepping and then glissading down to the base of the pyramid. I exited the rappel a bit lower and downclimbed some, prior to a climbing traverse and a 20 ft ascent to the notch. Ed tried something different, using my rappel exit, but ignoring the notch that we were aiming for. Instead, he did a longer, descending traverse and crossed the ridge line below the notch, reaching an easy entrance onto the mid point of the east snow gully. The rest of the party used Rob's route to the notch, as it involved less up and down climbing, but it still required the tough descending narrow ledge. Carson and Jim were first to follow Rob through the notch, but they had not seen the rest of Rob's route. They were considering their options as I came through, and together, we figured out that we were very close to the route that I had taken on the way up. So we downclimbed the rock and met up with Ed below. After we got there, Ed checked on the progress of the Ray, Bernie, and Harvey, who eventually made it through the notch and down to our gathering point. After we confirmed that they were on route, I led the next leg, out into the snow gully and down to the base of the pyramid. The snow had softened up a bit since the ascent, but was still firm enough to hold the steps I kicked in it as I downclimbed. I had not seen Rob's plungestepping technique on his descent, but I really didn't consider anything else besides downclimbing. The snow seemed a bit too steep and inconsistent for plungestepping. We all eventually ended up at the base of the pyramid at 11.30, having taken longer to descend than to climb!

From there, it was an easy slough down the glacier and back to camp, collecting the wands that Bernie had placed on the way up. My rope team did a roped glissade on the last two slopes, which helped get us back to camp at 12.30, soon followed by the other rope team, which elected to do individual glissades. We broke camp and started for home at 1.30, and arrived at the trailhead by 4.30, where we took a 'post climb' group photo and toasted our success with a bottle of slightly warm malt beverage.

Lessons learned:

The summit pyramid is rated as class 3, but on that day and our routes, it seemed closer to class 4 with some low class five mixed in. At least half the group (myself included) felt that this was more than we had bargained for.

We split up the party a couple of times, and particularly on the descent, we would have had difficulty getting to a team member in trouble.

Since we were expecting to use the ropes only on the glacier, some of the team did not have a belay device with them. We made due using carabiners.

In choosing our routes, particularly on the descent, we did not consider that some members of our team were wearing plastic boots, which limited their comfort zone even further.

Andy O.
brsw
ort: bris

Mt. Baker via the Cloeman-Deming glaciers

June 13-14, 1998

By Matt Robertson

We drove the eight miles of forest service road to park near the trailhead, and found cars parked along both sides of the road since the main parking area was full - so much for wilderness solitude! We hadn't actually expected to find any doing the Coleman-Deming route on Mt. Baker with a good weather forecast, so there wasn't much disappointment involved. Our original plan had been to ascend the Boulder Glacier route, but after a large avalanche on Mt. Rainier a few days earlier that just happened to occur at the same aspect and the same slope steepness as that route, we switched our plans and decided to climb up the opposite side of the mountain. Missing our turn off and driving all the way to the Mt. Baker ski area before realizing it caused us to get a bit of a late start - we weren't on the trail until almost 12:30! We weren't too concerned, however, since there is a wealth of good camping spots from 5500' to 9000', depending on how much time and energy you have, and how long you want your summit day to be. We hit snow at around 5000', and then climbed off of the snow onto the hogback. At the top of the hogback we stopped to rope up, noticing that there were a fair number of climbers continuing up onto the glacier unroped. Oh, well, to each their own, I suppose. A long zigzag trough had been trampled into the soft snow on the glacier's surface, and there was a pretty good line of folks using that. We decided we could probably move faster by taking a straight line up the first steep slope of the glacier, and were able to move out in front of some of the larger groups that were ascending. The glacier levels out as you approach the Black Buttes at about 7000', and we started thinking about calling somewhere near home for the evening. We'd gained just about half the elevation to the summit from the trailhead, and that seemed like a fair split - full packs at lower elevations for half the distance, and summit packs at higher elevations for the second half of the trip. We climbed up a short snow bank to pitch our tents above the crowds, and to afford a little nicer view. The mountain played peek-a-boo with us, hiding in the clouds, then scooting them all away to display the impressive Roman Wall, with its bright red bands. We carved a nice kitchen into the snow wall behind our tenting area, then took a short walk up the exposed rock ridge above us to admire the views in all directions - west to Bellingham, Puget Sound and the San Juan Islands, south to the Thunder and Easton Glaciers and the Twin Sisters range, east to Mt. Baker itself, and north up towards Canada, with many jagged peaks serrating the horizon. Wanting to get an early start in the morning, we headed back down and fired up three stoves to start heating water for dinner - our wilderness camp sounded like the flight deck of an aircraft carrier for a while! After loading up on calories, and melting enough snow so everyone had water for the morning (and a hot water bottle for their sleeping bags!) we turned in around 8:00, with an alarm set for midnight.

Midnight came all too soon, and I was awakened by the general rustle of folks getting ready for an alpine start. One member of our party didn't feel well, so we redivided the rope teams from 3 teams of 3 to 2 teams of 4. It took a little while to get everything changed around from the day before, so we didn't end up heading out of camp until almost 1:15. There was a moon low in the southern sky, hidden behind the mass of Mt. Baker, but between that and the starlight it was easy to make out many of the mountain's features. The lights of Bellingham were easily visible, as was the silvery surface of Puget Sound. We were the first group up this morning, and so had the pleasure of imagining we had the mountain all to ourselves (except for the trough of footsteps we were now gladly following - the snow which had been slushy in Saturday afternoon's sun was now frozen solid, and we avoided having to kick steps or walk in crampons by following the way used by hundreds before us). We angled a little too far toward the mountain, eventually losing our "staircase", and dead ending ourselves at a large crevasse. While trying to find a snow bridge over the crevasse, one member of our team managed to break through a thin snow bridge up to her shoulders and wedge herself into the crevasse. With a little assistance, however, she was able to free herself, but we lost almost half an hour here. Our next strategy worked well - we headed back down the mountain and towards the Black Buttes until we came on the trough of steps again. Falling into these we proceeded to march, mostly silently, up the mountain, toward the moon. At about 9000' we came up to the plateau where the Coleman and Deming Glaciers meet - here we finally broke into full moonlight, but the dawn had started by now as well, and the

eastern horizon was glowing with pinks and yellows, slowly fading the moon out. We turned east and headed up the upper slopes of the Deming Glacier, walking along a short exposed rocky ridge, and then onto the final steep headwall before the summit plateau. Our stair steps disappeared about half way up this wall, and we ended up doing a little step chopping, and some delicate tip toeing up this final steep section - I was wishing I'd put my crampons on before starting up this, but the middle of the slope was a little late to realize this! This was the point we also started to be passed by several other parties who had slept in a bit later than we had - all the parties I noticed had elected for crampons and were able to move up the slope much more sure footedly, and much more quickly, than we were. No matter, 30 minutes later, at about 6:30, we were cresting out onto the summit plateau, with the summit bump of Grant Peak only a couple of hundred yards vertical and 40 feet horizontal away. After a quick stop to unrope, and put on a few more clothes (the wind was unpleasantly unrelenting) we took the stroll over to the top of the mountain and snapped the obligatory summit shots. We paused for a few more minutes to admire the view of the major peaks of the North Cascade poking through a cotton layer of low clouds before deciding that the winds were making the summit a really unpleasant place to be this morning, and that it was time to head down. We donned more clothing, ate some snacks, put on our crampons, and roped back up. Descending the slope that had taken us so long on the way up was much more straightforward with crampons - the major difficulty was avoiding the long lines of climbers who were now heading up towards the summit! After a minor equipment failure (one of my crampons tried to take itself apart), we were down next to the exposed rock ridge at 9500', where we removed our crampons and grabbed a little more to eat. The remainder of the descent was uneventful, if a little tiring. The winds continued to build, and the clouds moved in to remove the views. Temperatures warmed up enough to start melting the snow which gave us a loose, slippery surface to at times surf down.

We were all pretty tired once we rolled back into camp, but we only spent enough time to melt some more snow so we'd all have water for the hike out, and to pack all our overnight gear back into our packs. The descent off the glacier went quickly, with only one glacial plain and the final steep slope to cross. The snow remained slippery on the way down, giving us a few opportunities to practice team arrest as one or the other of us stumbled and started slipping. With the easy runout below us, this was all done with much more of a humorous attitude than a serious one, and less than an hour after we broke camp we were unroping on the edges of the snow field just above the hog back leading down into the forest. Most of us plunge stepped the first snow field along the hog back (a few braved the notorious "Black Hole" at the base of the first snow field and glissaded), then jumped into the glissade trough at the top of the second snow field for the next several hundred feet of descent. A long 2 miles later we arrived back at the parking area, our sore feet and tired legs happy to rest for the three hour drive home.



Climbers: Nate Batts, Joyce Holloway, Mark Dimond, Mike Jacobsen, Ember Dimond, Don Fogler, Annette Mockli, Jose Pastor (Matt Robertson not pictured)

ADDRESS CHANGE FORM

NAME: _____
NEW WORK PHONE: _____ NEW MAIL STOP: _____
NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer st. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

**NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY**

ALPINE ECHO

JULY ECHO staff

Editor: Mark Hicks
Activities/calendar report: Len Kannapell
Conservation report: Vera Trainer
Trip reports: Matt Robertson
Andy Ouellette

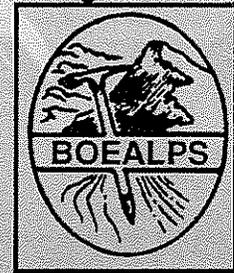
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

August 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	OR-PX 425-717-0025 christopher.c.rudesill@boeing.com	Equipment South	Mike Jacobsen	3E-FR 253-657-1438 michael.t.jacobsen@boeing.com
Vice President	Rich Baldwin	2H-30 206-544-7580 richard.f.baldwin@boeing.com	Central	Silas Wild	206-527-9453 silaswild@yahoo.com
Treasurer	Ed Alejandro	7A-26 425-865-2217 ed.alejandro@boeing.com	North	Andy Roth	OU-48 425-342-1308 andrew.s.roth@boeing.com
Secretary	Ilan Angwin	06-03 425-266-9038 ilan.g.angwin@boeing.com	East	Kelly McGuckin	19-HC 206-662-4293 john.k.mcguckin@boeing.com
Past President	Dan Costello	0A-05 425-717-4495 daniel.m.costello@boeing.com	Librarian	Brian Kenison	2T-40 206-544-0545 brian.w.kenison@boeing.com
Activities	Len Kannapell	206-361-7523 lpk@hartcrowser.com	Membership	Elaine Worden	6H-CJ 425-965-0049 elaine.worden@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Photographer	Shawn Paré	OH-KL 425-342-7134 shawn.m.pare@boeing.com
	Katy Rusho	206-256-1263 katyr@pmiseattle.com	Programs	Eric Bennett	0J-XL 206-579-5016 eric.r.bennett@boeing.com
Echo Editor	Mark Hicks	02-1A 425-294-0588 mark.a.hicks@boeing.com	Homepage Editor	Rob James	rob.james@gccm.com
Education	Ken Johnson	0U-31 425-266-7659 ken.johnson@boeing.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369
			Home Page	http://www.accessone.com/~boealps	

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré

From Elaine Worden 6H-CJ

August 6th General Meeting

Oxbow Rec Center

Last regular show of the Fiscal year!!!

Main show - Alex Bertulis comes back again for

“Historical Perspective of Climbing in the NW”

See the Belay Stance inside for more details

7:00pm Social
7:30pm Club Business
Main Show

BELAY STANCE

AUGUST GENERAL MEETING - SPECIAL PRESENTATION

This month's meeting will feature a show by the Northwest's own **Alex Bertulis**. Alex is know for many first ascents in the Cascades including the Lithuanian Lip on Liberty Bell (named for his heritage), winter ascents of the Willis Wall on Mt. Rainier and a few years ago he led a joint Lithuanian-American expedition to Mt. Everest. Don't miss this private showing.

*Also, the issue will be raised for general discussion as to whether a child's harness (or two) should be purchased for club use.

Upcoming Events

CLUB ELECTIONS - Thursday, September 3rd at the Rainier Brewery. Nominations will be taken at the August General Meeting for President, V.P., Secretary and Treasurer. All other positions are appointed by the president but recommendations can be taken.

* Two votes will be taken at the September elections:

- 1) Starting next year, should \$1 of membership dues go to the Agris Morrus fund for the awards granted each year?
- 2) Should we allow non-Boeing employees in the club, provided they can prove their value and contributions to the club? Recreation has approved this and a short addendum to the By-Laws appeared a couple of months ago.

ANNUAL BANQUET - The Banquet is set for Friday, October 2nd, with Tom Hargis as the guest speaker. Final location is TBD. Watch the upcoming Echos for more details.

OCTOBER CAMPOUT - Coming up in October (imagine that) but the final date and place are TBD.

Congratulations...

...To Leonard Kannapell and Vera Trainer who somewhere near the summit of Mt. Olympus in a whiteout became engaged to be married. The wedding will be sometime this spring and though the date and location have yet to be set, it will be held locally. Damn, and I was just looking for an excuse to go visit Kentucky!

Job Opening

We need an East side equipment person to replace Kelly McGuckin. It's a great way to get involved with the club and have access to all the free gear you want at the same time! Interested parties should contact The Pres., Chris Rudesill.

This Issue Includes...

...The winners of the Photo Contest, a trip report from Ron Fleck on his trip with Al Baal and crew to The Three Sisters in Oregon and an article by Rob Kunz on his ventures to Aconcogua in South America.

Homepage Password

The password for the homepage is: **SLESSE**
This is used when accessing the Activities or Club roster sections of the homepage.

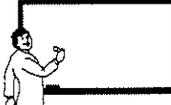
From the desk of your editor,



Mark Hicks

SEPTEMBER ECHO DEADLINE IS AUGUST 19TH

August

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hikes • scrambles • ski trips • climbs

Sahale Peak (North Cascades)

August 1-2

Terry Hill, yet another recent Basic Class grad, leads the charge to this peak known as "The Matterhorn of the Cascades." Great views of Buckner, Goode, Forbidden, Eldorado - the sky's the limit.

Party Limit 6-8
Route Quien Sabe or Sahale Glaciers (will depend on conditions)
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Terry Hill
(206) 544-6033 (w)
(425) 254-3503 (h)
terence.a.hill@eskimo.com

Mt. Daniel (near Roslyn)

August 1-2 (or 3rd)

Join Black Team grad Steve Fox on this adventure to beautiful 7960' Mt. Daniel. Group will decide route. See Jim Nelson and Peter Potterfield's *Selected Climbs in the Cascades* for more info.

Party Limit 6-8
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Steve Fox
(425) 266-8818 (w)
sfox@eskimo.com

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Ptarmigan Traverse

August 8 - 17

The trip starts at Marblemount at the Downey Creek trailhead. The route crosses the Cache Glacier to Kool-Aide Lake. There are opportunities to scramble up Mixup Peak, Hurry Up Peak, Rays Knoll, Magic Mountain, and Trapper Peak. On to Yang Yang Lakes and south across Red Ledge, between Mount Formidable and Spider mountain (with opportunity to climb both of these). Continue to White Rock Lakes with a climb of German Helmet. Then on to Dome Glacier and a climb of Dome Peak. Finishing with Itswoot Lake and a climb of Spire Point on the way to Bachelor Meadows and down Bachelor creek and out to Downey creek. Cars are dropped at the end location ahead of time.

Area Marblemount
Rating Excellent!
Class Rating Class 2/3/4 and 5
Limit 6
Notes Female only trip
Contacts Janet Oliver
(425) 413-0298 (h)
oliverj2@msnemail.com
Joyce Holloway
(425) 888-4434 (h)
joyce.r.holloway@boeing.com
M/S 6F-06

Wilman's Pass (near Monte Cristo)

Sunday, August 9

Route is overgrown, so expect bushwacking and lots of routefinding fun. Possible class 3. If time permits, we'll try to find some old mines. Descend via Poodle Dog Pass trail. Tour ghost mining town of Monte Cristo. Bicycle on gravel road 4 mi from Barlow Pass to the Monte Cristo townsite. Follow historic miner's route up '76 gulch to Wilman's/Pearsall Pass (4860').

Party Limit 4-6
Time 8 hours, assuming bicycles used from Barlow Pass to Monte Cristo
Equipment mountain bike (road bike can work ok), harness in case of off-route trouble, 99 essentials
Contact Steve Fox
425-266-8818 (w)
sfox@eskimo.com

Ruth Mountain and Icy Peak

August 15-16

Join Black Team grad Steve Fox (again!), this time to the North Cascades - don't miss this one, as this is a spectacular with great view of Shuksan and Baker and dozens of peaks.

Party Limit 6-8
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Steve Fox
(425) 266-8818 (w)
sfox@eskimo.com

Sloan Peak (Mountain Loop area)

August 15-16

They just keep coming - Troy Colyer, another Basic Class '98 grad, takes you to another "Matterhorn" - this time 7835' Sloan Peak. Approach from Bedal Creek (Mountain Loop highway), bivy at 4800'. Sunday is a (possible) short glacier traverse and a Class 3 scramble to the summit.

Party Limit 6-8
Route Corkscrew
Equipment Standard glacier gear, helmet, perhaps sneakers for Sauk River crossing
Experience Basic Class or equivalent
Contact Troy Colyer
(206) 720-7294 (h)
troy.colyer@boeing.com

Sharkin Tower (North Cascades)

August 22-23

Black Team leader Rich Baldwin, fresh from thrashing his troops into shape, takes you to the North Cascades for a weekend adventure - and great weather, of course.

Party Limit 6
Route Southeast Ridge
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Rich Baldwin
(206) 544-7580 (w)
richard.f.baldwin@boeing.com

Hi-Tec Adventure Racing Series

August 29 - 30

The Hi-Tec Adventure Racing Series is touted as the weekend warriors answer to the Eco Challenge. Teams of 3 are put through an hour in a kayak, 10-15 miles on a mountain bike and a 5-8 mile trail run. There are also "special tests" along the way such as rock climbing, obstacle course, mud pit, swimming, tyrolean traverse, etc. The distances, order and special tests are unknown until just before the race. Jane and I are looking for a team mate to join us. We are not going to win this race, so bring a spirit of adventure and a willingness to have fun no matter what. Priority will be given to anyone over 47 (allowing us to race in the masters division). You must provide your own mountain bike and share of the entry fee (\$60 - \$70).

Mountain or Area Henry Hagg Lake, Portland OR
Rating Ugly
Grade Nasty
Distance 1 hour in kayak, 10 - 15 miles on mountain bike,
5 - 8 mile trail run round trip
Additional Info <http://WWW.MESP.COM>
Skills Required Running, kayaking, biking, having fun in adverse
environment, teamwork
Number of persons 200 teams of 3. We need 1.
Contact Info Mark Adkins
(425) 513-2727 (eves)
surfer@eskimo.com

West McMillan Spire (Pickets)

Sept. 5-7 (Labor Day weekend)

Mark Hicks and Katy Rusho lead this trip to the remote, challenging, and awe-inspiring Southern Pickets. Drive from Seattle Saturday morning and do the approach, climb Sunday, and return to civilization Monday. This lengthy approach (7-10 hours) may include bushwhacking, so brush up on your route finding/scrambling skills. Potentially circuitous glacier travel ending in 40° snow/scree gully. Exposed 3rd/4th class scramble to the summit.

Route West Ridge
Party Limit 6
Equipment Standard glacier gear, helmet, tent or bivy sac
Experience Basic Class or equivalent
Contact Mark Hicks (425) 787-2469 (h) mark.a.hicks@boeing.com
Katy Rusho (206) 256-1263 (w) katyr@pmiseattle.com

Mt. Adams and Mt. St. Helens - Volcanic Duo

Sept. 11-13

Thomas Ott, recent Blue Team Basic Class grad, leads the trip to this dynamic duo the weekend after Labor Day. Leave Seattle early Friday morning and drive to the trailhead (Adams Creek meadows). Hike to camp on the North Ridge. Climb Adams on Saturday and return to camp Saturday night. Sunday, get up early and drive to Mt. St. Helens via Monitor Ridge (standard route).

Party Limit 6-9
Equipment Standard glacier gear, helmet, tent or bivy sac
Experience Basic Class or equivalent
Contact Thomas Ott (253) 639-9978 (w) (253) 657-0194 (h) r.t.ott@boeing.com

BoBaby Hike - Weeks Falls

This walk is for parents with pre-toddlers or toddlers. We'll walk along the Snoqualmie River to Weeks Falls, and have a picnic lunch along the way. The path is almost flat and stroller friendly, so it's a great opportunity for you new parents to join us on an easy outing. The water's tempting, and there's a couple of places where you can safely wade into the river, so an extra change of clothes is probably prudent!

Distance: 1 mile round trip, elevation gain: 100 feet.
Reference: Hiking the Mountains to Sound Greenway, page 194.

When: July 25th
Contact: Matt/Maren Robertson
425-822-0455 (h)
425-957-5691 (w)
matt.roberston@boeing.com
Limit: A dozen or so

Submit activities to

Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Notes from the Activity Chair:

*Thank you to everyone who submitted an activity!
Keep them coming!!*

Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
(____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

Starting (or upgrading) your Rack?? Good, Inexpensive SLCD's

A friend of mine owns Wired Bliss and is willing to sell to club members his merchandise at only 20% above wholesale instead of the normal 40% markup for the MSRP. The Wired Bliss company is located in Flagstaff, AZ and was started in 1984 by a group of climbers inventing the first TCU (Three Cam Unit). I was able to visit the small design/manufacturing facility on a recent trip to Zion. The camming devices are very similar to the more abundant Metolius (a flexible, U-shaped body) but with a free floating axle and softer cam material. The prices run \$34.00 for the TCUs and \$38.00 to \$44.00 for the QUADs. There are also a small selection of webbing products. Shipping and handling is \$1.00 per camming device. For a color brochure and ordering, contact me:

Eric Bennett

(w) 425-294-2530

m/s OJ-XL

(h) 206-579-5016

(note: I have 7 of the SLCD and a pair of daisy chains)

Boealps Photo Contest Winners

(First place entries are shown)

PRINTS - SUNSETS & SUNRISES

- 1st Waddington Range
by Mark Hicks
- 2nd Red Eye Morning
by Patrick Adam
- 3rd Kennedy Peak
by Mike Jacobson



PRINTS - BOEALPS CLIMBING CLASS

- 1st Devils Peak Deluge - 97
by Mike Jacobson
- 2nd Crevasse Rescue - Basic Class 98
by Julie Jacobson
- 3rd Happy Intermediate
by Derek Marshall



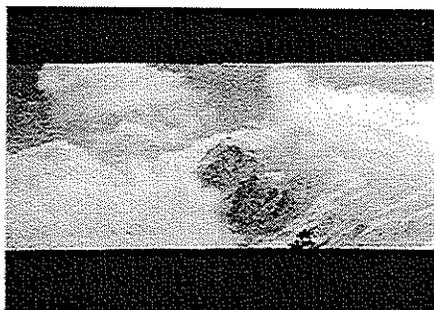
PRINTS - CLIMBING

- 1st Mt. Hood
by Mike Jacobson
- 2nd Zion
by Eric Bennett
- 3rd Mt. Redought - NE Ridge
by Mark Hicks



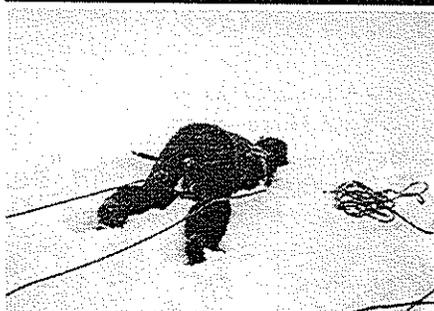
PRINTS - MOUNTAIN SCENES

- 1st Shuksan
by Eric Bennett
- 2nd Paradise
by Troy Colyer
- 3rd Mt. Adams from Ingrahm Direct
by Mike Jacobson



PRINTS - MOST EMBARRASSING

- 1st I'm Holding You
by Tom Ott
- 2nd Bare
by Eric Bennett
- 3rd Hot Climb
by Julie Jacobson

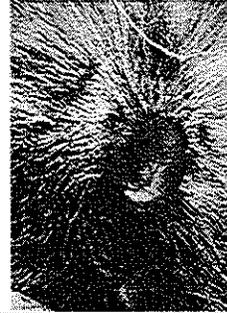


Boealps Photo Contest Winners

(First place entries are shown)

SLIDES - NATURE SCENES

- 1st The Return of Porky
by Tim McGuire
- 2nd Calypso
by Tim McGuire
- 3rd Depot Creek Falls
by Len Kannapell



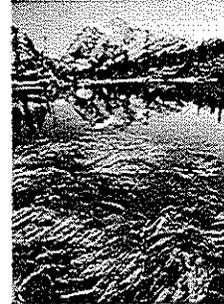
SLIDES - SUNRISES & SUNSETS

- 1st Just Another Sunset
by Tim McGuire
- 2nd -
- 3rd -



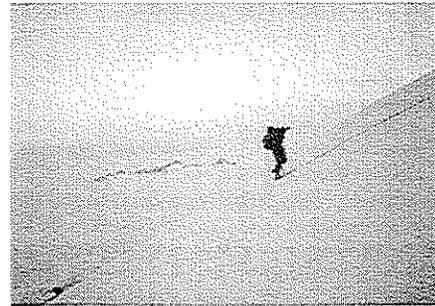
SLIDES - MOUNTAIN SCENES

- 1st Eel Grass
by Tim McGuire
- 2nd Scramble
by Tim McGuire
- 3rd Rainy Day at Smith
by Derek Marshall



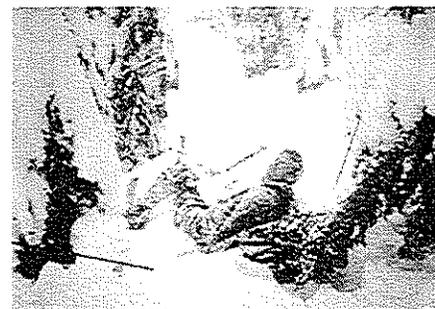
SLIDES - CLIMBING

- 1st Climber on Baker
by Vera Trainer
- 2nd Scottish Ice
by Mark Hicks
- 3rd Diedre, Squamish
by Derek Marshall



SLIDES - MOST EMBARRASSING

- 1st The Abomidable SnowDan
by Mark Hicks
- 2nd Hunchback of Deval's Peak
by Len Kannapell
- 3rd Light Gear Becomes Ridiculous
by Derek Marshall



The Three Sisters, OR. July 2-5, 1998

Climbers: Al Baal (Trip Leader), Michelle Bouvier, Anne Crane, Tom Hagman, Valerie Hagman, Joyce Holloway, J. Kirby, Martin Shetter, Velay Twitchell ("Twitch"), Ron Fleck (scribe)

I joined the advertised trip late because my 4th of July plans fell through at the last minute. We were to meet the Monday before departing at the Twin Teepees restaurant near Greenlake and get everything squared away. Come to find out that the Teepees are on vacation for two weeks so Al picks a pizza joint nearby and leaves a sign on the door. Unfortunately, Twitch, who drove down from Granite Falls never saw the sign so he didn't make the meeting with us. Also at the meeting 3 others dropped out because they didn't realize that they had to take Thursday as a vacation day. Even though the group was getting smaller all the time, I was thinking it might not bode well for the trip. After getting all the arrangements made (with last minute adjustments for Twitch and Joyce to ride with me) the three of us set out Thurs. morning around 6 a.m.

The plan was to meet at the trail head sometime between 2:30 - 3:30 p.m., hike the approximate 7 miles to a group of lakes (Chamber Lakes) between the South and Middle Sisters, and then climb at least those 2 peaks, and possibly the North, if time, weather, and desire allowed. We drove I-5 south to Salem, then headed over Santiam Pass and arrived in the town of Sisters at 11:45, well before the designated start time. Drizzle and thunder greeted us, and we were thinking that we had headed south and east to escape the wet weather, but it seemed more like typical Seattle 4th of July weather. The ranger told us that the forecast was for more of the same, but we were trying to be optimistic as we headed to the Pole Creek Springs trail head (elevation 5,200 ft.) off the McKenzie pass road. The weather seemed to ease up as we got closer to the trail head, arriving at around 1:30. We started to wonder if we were at the right place, when Valerie and Tom arrived at 3:00. At 3:40 there was still no sign of the other 4 members we were expecting, so according to previous instructions, we set off toward the lakes, leaving Al a note at the trail register. The trail was very easy sailing, though in a couple of spots hard to follow - it is so dry there that it is hard to distinguish trail from the rest of the woods, and the tree cover is somewhat sparse, so a trail just doesn't stand out. We had a couple of minor stream crossings, and then got into some patchy snow before we came upon a lake, and a family out for the long weekend with one kid snowboarding down a short slope.

We found a large dry, flat spot above them and set up camp. Figured it would be warmer than the snow, and since it was already about 6:30, Al and company wouldn't have to search around too much for us. In addition, it had a nice view of the lake and great views of the Sisters. We were at an elevation of 6,800 ft. Right after pitching the tents we went down to the lake to filter some water when Martin joined us. I didn't know he was coming, and he said that Al and Michelle were a bit behind, and would be there soon. I think they got there around 7:30 or so and then we learned that another 2 people who were supposed to come weren't coming due to illness.. We all had a nice, pleasant dinner with great views of the peaks. Earlier, we had talked about possibly doing both the Middle and South Sister in the same day and then the North the next day, but from our camp site doing the Middle and South seemed like too long of a day (turns out we were at least a mile from Chamber Lakes). If anything, it made more sense to do the Middle and the North in a day. However, the guide book had described the North Sister as

hazardous from any route, very prone to rockfall, and always a danger. One of the routes is in fact called the "Bowling Alley". So we weren't sure we were going to attempt it at all. The other two peaks were not supposed to be difficult, though the North ridge on the South Sister did have to get around a buttress that was the crux of the route. We picked out the South ridge route on the Middle Sister, planned our departure for 6 a.m. and sacked out.

The morning broke fairly clear with scattered clouds to the northeast and very mild temperatures. We didn't need crampons and went southwest cross country to get to the base of the ridge. There was a buttress near the base and we opted to go right of it, onto the snow - a good choice. The snow ran out in a couple of places, leaving just the typical crumbly, volcanic pumice that gives way under foot - 2 feet up, 1 foot back. We tried to stay on the snow as much as possible and angled somewhat north and west until we got on the snowy part of the ridge at about 8,500 ft. From there it narrowed and steepened a bit, so that you just had to pay a little more attention (the Diller Glacier below and to the right of us had crevasses that opened not far below the ridge, as the guide book indicated). Step kicking was really solid though at the thinnest point, around 9,300 ft. it was still a bit crusty and Joyce opted to put on her crampons. A couple hundred feet of that, and the slope leveled out toward the summit. We saw 3 others there who had come up the glacier on the North, and that was it. We were on top in a mere 3 ½ hours. It seemed longer, but was probably a reasonable pace for the cross country travel and the approximate 3,300 ft. elevation gain. Great views of all the Sisters, Mt. Bachelor, Broken Top, and Mt. Jefferson. Hood was in the clouds. We kept looking to the east where thunderheads were forming. The intense white cloud was billowing like a mushroom and seemed to be only a few miles away, and just a few thousand feet above. We watched it grow and grow as it came toward us. So we got a few group summit photos, tried to scope out the north ridge of the South Sister, and hightailed it out of there.

Martin had been thinking of descending the North ridge and going up a south or west ridge on the North Sister, but the higher we got the crappier it looked. That, and the impending thunderstorm just blew away any thought about the North peak so we scampered out of there. Within 15 minutes we were in the clouds that had formed around us. The glissades were great, though we had to be careful not to extend them into the rocky collections at the bottom. The return to camp was uneventful, and we arrived there at 11:30 with the whole day in front of us. We heard a little distant rumblings of thunder, but it never rained on us. In the afternoon Valerie and Tom got brave and went for a swim in the lake, but didn't stay long, and he talked an octave higher for the next hour or so.

A couple hours after returning to camp J. and Anne joined us (by now we're getting used to the idea of people joining us and asking if we're Boealpers, as Martin had the night before when he found us. Is it something about the way we look, or "smell"?). They had gone in earlier and completely missed our camp, going all the way to Chamber Lakes and then some, looking for us. When they saw the group of 8 descending the Middle Sister, they saw which direction to look for our camp. J. had moved to Portland in the fall, and I'm not sure about Anne. Anyway, it wasn't nearly as long a drive for them. So now we were a group of 10.

Based on the weather patterns we had observed, the longer distance to the South Sister, and the possible more difficult terrain, we decided to be moving by 4:30 a.m. on Saturday. The morning was a bit cooler than Friday, but quite clear. The snow was much firmer, and once we got out of the level terrain, the crampons came on. Anne decided not to join us for the trip. She hasn't had much climbing experience and decided it was better to stay in camp, though she had previously ascended the South Sister from the non-technical South ridge. Martin, the rabbit, was out in front most of the way (as he had been for a good portion of the previous day), doing the route finding to the base of the north ridge at about 8,500 ft.. The 9 of us got strung out a bit, and we waited for the tail to catch up. However, a few of us proceeded to the base of the buttress (9,800 ft.) to see what that looked like. At this point Al and Michelle were only about 1/3 to 1/2 the way up the ridge and decided not to continue because Michelle was uncomfortable on the very loose rock. Valerie and Tom were close to us, as was Twitch, but the 3 of them also decided they were a bit tired and also called it a day. However, they all decided to stay on the ridge until J., Martin, Joyce, and I returned.

We were now at the difficult part of the climb. We had looked at a southwesterly sloping traverse on somewhat steep snow (40-45 deg.) away from the buttress, but it was directly above some rocks and a slip would be treacherous. For various reasons (including the route descriptions in the guide books that seemed to indicate protection wasn't necessary or useful on the crumbly rock), we didn't have much protection with us. We had an extra ice ax from one of the climbers who stayed on the ridge, and just slings. We had opted not to bring pickets, though in retrospect a couple would have come in very handy, and no rock pro since the routes were supposed to be crumbly, and we figure that if they were that bad several of the group wouldn't attempt the route anyway. Several people were also packing heavy, and the weight that got cut was the pro. From the previous day we had seen that the snow melted out quite a ways from the rocks and formed big moats. Yesterday we had seen a sort of scalloping moat alongside the buttress, but couldn't tell whether it was detached from the rock. We were thinking it might be possible to hug the buttress and stay in the moat, feeling much less likely to fall any great distance.

Anyway, when we got there it turned out that a sort of moat had formed, but the snow still hugged the rock, being on the north side and not seeing too much sun to melt out, and it was possible to ascend the steepening snow right next to the buttress. We roped up with J. in the lead, intending to set running belays as we went. I'd say it was about 300 ft. and varied from about 30-50 deg. J. went out about an entire rope length before he got to slap a long runner around a horn - there just wasn't anything else, and that's where the pickets would have come in handy. Another half rope or so and he got a double around a sort of natural chockstone. This was just below the crest of the snow easing onto the summit ridge. Here the outer layer of snow was like styrofoam, and the rest was like sugar, so hard to get a good grip, even with crampons. So J. kicked extra deep steps and we eased on up to the summit ridge. There we saw 2 guys who had spent the night just above the buttress (after summiting from the south) and were going to complete the traverse by descending the route we had just come up. Luckily we weren't both alongside the buttress at the same time. We also offered them to use our pro, which we had left in place for the descent. We took off the rope for the final 15 minute climb and were on the summit at 10:30 - 6 hours after leaving camp. Again, great views all around, and this time we

could just make out Hood to the right of the North sister. We spent about 20 minutes there and just before descending we ran into Rob Kunz, another Boealper who had ascended from the South. He knew J. and they chatted a bit.

Again, it looked like thunder heads were forming so we didn't stay too long. The descent to the rope was a bit slippery and I lost my feet once, sliding about 3 feet before stopping. Joyce led the descent, with J. bringing up the rear, and cleaning the pro. The descent seemed trickier than the ascent, especially because we didn't want to blow out the styrofoam steps near the top and we definitely felt like we wanted more pro in. When we got about halfway down we had to stop and wait for the other two were rapping off our bottom anchor. Once they were clear and Joyce clipped into that, we used the extra ice ax as a pseudo-picket about 40 feet below that. Then when Joyce got to the base I did the same with my ax since it seemed that if Martin or J. slipped it would still be a long pendulum. So we had an anchor about 25 feet above the base of the buttress and relative safety. In all, we used 4 placements on the descent. The ascent along the moat took about an hour, but the descent was about 90 minutes. From there it was smooth sailing back to camp, which we reached at 2 p.m. Even though some clouds formed, they never got too menacing, and they started to dissipate a couple hours later.

In retrospect, we thought it was probably good that only 4 of us attempted the summit, since moving another rope along side the buttress would have taken at least another 2 hours, but more likely 3 and the way the weather was looking when we started the descent, we figured that the moat would not be a good place in a heavy rainfall. From camp we all packed up at different rates. According to Al, we were now on our own. He and Michelle had reserved a room in Sisters, as had Martin. Valerie and Tom weren't certain of their plans, and J. and Anne were heading back to Portland since J. had to work on Sunday. Joyce, Twitch, and I decided to head back toward Seattle, and see how far we would get before the drowsies overcame us. We decided to return via Mt. Hood since I wanted to check out some motels in the area. The 6 mile hike back to the car took about 2 ½ hours and we were rolling by 6 p.m. We stopped outside Hood for dinner and then all the rest of the way to Seattle. I got in at 1:30 (Joyce and Twitch probably 30-60 minutes later), making it a 22 hour day, but surprisingly none of us dozed off at all in the car. I was really amazed. Turns out that Valerie and Tom found a place in Bend and left Sunday also. Al said the traffic on Sunday was miserable so I was kind of glad not to have to deal with that.

All in all, this was a great trip, with a very compatible and amiable group, gorgeous scenery and a bit of a challenge on the one ascent.

Postscript: It turns out that on the hike out we met a German woman, Martina, living in Oregon, who was traveling solo. She said she was going to do the North Sister and talked like she was familiar with the routes, etc. We told her that we had considered it, but looking at the crumbly ridges and mentioning the rockfall hazards we opted not to. She even mentioned the "Bowling Alley" I had discussed earlier. When I was telling friends back in Seattle about the trip a few days later, they told me of a woman overdue on the North Sister, and I figured it must have been Martina. Today (the 13th), I learned for certain that it was her, and she unfortunately fell to her death, somewhere on the Thayer Glacier on the east side of the mountain. The rescuers think she

fell twice - once sliding on the glacier to a rock ledge. There possibly being disoriented she removed some of the camping gear from her pack, and fell again another 20 feet striking her head, causing the blow that probably killed her. The report said she seemed well equipped, though had only been climbing for a year, and only had one crampon, which probably caused the initial fall. No mention was made of whether she was wearing a helmet. She leaves behind a husband. This is the second time that I've known or met someone who died in the mountains (both within the past year) and it is a very sad ending. I've gone out solo myself on some trips that are not technically difficult, and this just brings the dangers home. Having assisted with the basic class for the first time this year, I got another dose of safety drilled into me. So all I can do is repeat: Be SAFE out there!!

The Aconcagua Story

By Rob Kunz

The goal was to create an adventure involving travel to foreign lands climbing in high, beautiful, locations, different from our backyard, a climbing expedition with elements of risk and danger, yet not quite the commitment of a Denali or a Makalu. It was all that.

We created a team of six of sufficiently experience individuals who were up for the challenge. Five were club members. There was Al Baal, Jeff Arnold, Art and Kim Menzer, and myself. We also invited Danielle Mckay, a less experienced friend of my family who, although has never been above 10,000', had enough wilderness experience, physical conditioning, and extended travel experience to make the journey.

We started planning the trip six months prior to our January 17th departure date. A lot of big decisions needed to be made early on. The team had to be finalized in order to purchase plane tickets at a reasonable cost. The objectives and philosophy of the expedition had to be discussed and decided. We needed to plan on twenty days worth of climbing to properly acclimatize and to wait out bad weather. We had to pick an outfitter to arrange transporting by mule all of the gear and food the 18 miles to our 14,000' base camp. We needed to plan major gear purchases and arrange for immunizations.

The planning was a very rewarding part of the journey. The internet was an invaluable resource with trip reports, current weather conditions, photographs, and even guides and outfitters are available through the "Aconcagua Home Page". Art and Kim created an Excel spreadsheet planning out all of our camps, food requirements, gas usage, and scheduled rest days on a single sheet that could be read by someone in a hypoxic state. I enrolled in Spanish classes and Kim Menzer was our chosen spokesperson as she is fluent in Spanish. Jeff coordinated the usage of one of the club's tents (thanks Boealps!). We had several training climbs and all left Seattle feeling well prepared.

THE CLIMB

On January 15 we arrived at the Seattle International Airport two and a half hours early only to find that our flight was canceled. It was raining at all the US connections (Seattle, San Francisco, and Miami). We finally arrived in Santiago the next morning to be greeted by Pedro, our van driver. Pedro was all smiles because he was about to make a small fortune (\$360 US) for driving us from the Chilean airport to Puente Del Inca Argentina, a five-hour trip through numerous border crossings and police checkpoints. The van ride into the Andes was great. Slowly we crept up the winding roads with deep gorges and tall peaks. It was warm and dry (in the low 80's).

We had a rest day at Puente Del Inca. I met with Rudy, who had our climbing permits and was arranging mules to take most of our gear to the base camp called Plaza De Las Mulas. I had negotiated with five outfitters via the internet and we had decided to hire Rudy to provide the mules and obtain the climbing permits for us. Some of the group enjoyed the hot springs at Puente Del Inca. Al went exploring through the caves and unfortunately cut his foot, which is not a good way to start a climb. Kim's fluency in Spanish was invaluable in communicating with local climbers, making reservations, etc.

On January 18th, we began our two-day hike up the beautiful Horcones Valley for eight miles to our first camp called Confluencia at 11,114'. The mules carried our tents, and we bivouacked the first night. So of course that evening it looked like it might rain, but it didn't. Through the occasional breaks in the clouds, I saw the Southern Cross for the first time in my life. I fully appreciated the adventure of being on a new continent and in a new hemisphere. I drifted off to sleep trying to remember the words to the Crosby, Stills & Nash song, Southern Cross:

*I have been around the world
Lookin' for that woman-girl
Who knows love can endure
And you know it will*

*When you see the Southern Cross for the first time
You understand now why you came this way
'Cause the truth you might be runnin' from is so small
But it's as big as the promise, the promise of a comin' day*

The next morning we started a trend that continued through the whole trip; we waited for the sun to warm the tents before getting up. We left Confluencia after 8 AM, arriving in Plaza De Las Mules at 4 PM. It was 10 miles through a valley even grander than the day before. The big challenge was not getting our feet wet crossing over the intertwining river. Al perfected the ski pole vaulting technique, and was the only one that didn't have to remove his boots.

We kept hearing about rescues and frostbite, and only met a few people who reached the summit. People were staggering on their way out with swollen lips and burnt noses. Those who managed to lift their heads to mumble a reply to our greetings, would say something like "glad we're not you guys". Luckily we met an American guide in Puente Del Inca. She was just back from a successful climb with her clients. She told us to ignore all of the "beta" we would get from the other climbers and to make our own decisions on the mountain. It was good advice as we observed all sorts of crazy things. Being the highest peak outside of the Himalayas, it attracts climbers from all over the world. Some are world class climbers and some do not qualify to walk around the block.

The six of us arrived in Plaza De Las Mules tired, but in good spirits. A hundred tents or so were scattered about. Most of the inhabitants were not very friendly; they had a burned-out look to them. The few that spoke to us expressed their desire to get off the mountain as soon as possible. An exception was some Norwegians who arrived at base camp just after us. They were on a yearlong adventure and were planning to climb and raft all over South America. They maintained the same paced as we did all the way from base camp, to the summit, back to Puente del Inca, and even met us in Santiago after the climb.

That night we went to bed - some had headaches - some were wondering what we had gotten ourselves into. The next morning some woke up to worse headaches. Could it be the altitude or the lack of good coffee? (I closely guarded my 25-day supply of Starbucks).

On January 20th we had a rest day. It felt so good not doing anything. We had a team meeting to check how everyone was feeling. The plan was to make a carry to Camp Canada (16,000') and come back. If that went well, the next day we would carry a load to Nido de Condores (17,800) and come back. That is exactly what we did. We spent the rest of that day sorting our loads and taking little hikes to photograph the area. We saw a lot of staggering people coming down from the upper camps. A couple of climbers were being carried down by their party. We made a resolution among ourselves not to look like that after we come down the mountain.

After a rest day at base camp, we started to carry our loads to the higher camps. From the 14,000' base camp, we established camps at 16,000, 18,000 and 20,000 feet. At the higher camps it was very windy. A couple of storms came through with 60-70 mile per hour winds. It would flatten our tents. We noticed that after a storm we would have nice weather for a couple of days before the next storm.

I had one experience that was very powerful for me. I was carrying a load from 16,000' to 18,000'. Up until this time, I was concerned about the bad condition of other parties I had met and now realized that my perception of the difficulties and risks of the trip were higher now than when I was planning the trip. I wasn't sure if our party was up to the challenge or if I was up to the task of leader. So we got pretty spread out on the way up and I was walking by myself with my load. I got a very powerful emotional feeling that is hard to describe. It was an overwhelming feeling that everything was OK. We had done the right training, planning, had the right level of experience, and had the right team. But I felt such a powerful humility and respect for the mountain, the forces of nature, God; I don't know how to describe it. I felt like a tiny little dot or drop of water in a huge ocean. I felt so small yet so fortunate to be there. I felt that I (we) deserved to be there and that Nature allowed us to be there and that everything would be fine as long as a sense of humility was kept and we listened to the mountain and our bodies, and had patience. I also felt a deep sense of gratitude for those who taught me what I know and who helped us get to where we were.

There is something about an expedition which can give you deeper access to your core being. I think it has something to do with being away from the routine of the familiar, doing simple hard work, the clean air, risk, and adventure. After that experience, I was much more confident. I felt like we could climb (or at least make an honest attempt) in safety and reinvented a quiet, humble, and resolute commitment to the completion of the journey. Those kinds of experiences are hard to describe. They don't happen (for me) on weekend trips.

It was after the first night at Nido de Condores at 18,000' that Art decided that he was too ill to continue. We had endured a strong storm overnight. His stomach was really bothering him and he decided it was not worth the risk to remain at a high altitude and push his luck. Art and Kim are married. Although she was doing fine, she decided to descend with Art. It was sad to see them start down the mountain, having worked six months to get this far. There was some envy as we knew that by the end of the day, they would be taking showers and drinking beer at the Hotel Refugio Plaza de Las Mulass. Perched near the 14,000 base camp, it is the highest hotel in the world.

Jeff Arnold was also having troubles adjusting to the altitude. Because he did not have the life threatening symptoms of high altitude pulmonary edema or cerebral edema, he decided he was well enough to endure the discomfort at the 18,000' level to see if his condition improved. Jeff also felt that if he did not get well enough to move up higher on the mountain, he still might be able to provide support to the rest of the team.

These were difficult decisions each had to face. But the crux of the journey is making difficult decisions where the consequences are significant. The dream of making the summit should be tempered with understanding the risks involved in that process. Success (in my mind) is measured by the quality of the decision making process and understanding the lessons offered as the results manifest themselves. Achieving the summit is one-success criteria. Other success factors are clearly more important than the summit (staying alive, keeping your fingers and toes). Some success factors are less important (being comfortable, following the planned schedule). Some may argue that some factors are equal in importance to the summit (having fun, staying friends, following your climbing ethics). It is up to each individual and each climbing team to weigh the factors, make the decisions, and live the results.

We took a rest day at 18,000' to re-sort our gear, further acclimatize, and to regroup. After Art & Kim descended, Al and Danielle took Al's rubber chicken and instigated a game of Ultimate Frisbee with the Norwegian guys using the chicken instead of a frisbee. A rubber chicken at 18,000' does not have the same flight properties as a frisbee at sea level. The participants initial enthusiasm soon dissipated as hypoxic minds pinned for a relaxing game of cards in the warm tent with a cup of tea. After a recovery period, Danielle taught the Norwegians, Al and I how to play "Idiot". This is a long game where the rules constantly change as the game progresses. I thought that the logistics of planning a 21-day climb was mentally draining. That is nothing

compared to playing Idiot at 18,000' and trying to remember (or even pronounce) the Norwegian's names!

During the afternoon, the weather cleared. It was very clear, calm, and beautiful. Knowing that we should have a window of two or three good days after a storm, we began thinking about changing the original plans. Our original schedule called for a carry up to Camp Berlin (19, 800') and return on the next day. The following day we would move up to Berlin and spend the night. The next day would be a rest day and then a summit attempt. We would carry three extra days' supplies for waiting out weather or for a possible second summit attempt.

We began strategizing a new plan. I talked to Al and we discussed the possibility of going relatively light up to Berlin the next morning and then make a summit attempt the next day. We could carry only one extra day of food to wait out bad weather or a storm but not enough food for a second summit attempt if the first failed. The good thing about this plan was that we would have less exposure to a high sleeping altitude, less of a chance to get caught by a storm, and we would have less weight (fuel and food). We had done a similar thing on Mera Peak in Nepal with good results. If the effort failed we would still have enough provisions at 18,000' to recover and make another honest attempt. The bad thing was that we would have to ascend five thousand feet in two days (a lot of work at those altitudes). We would have a summit attempt from Berlin but not two without going down to Nido to resupply. Myself, Al and Danielle felt very well acclimatized at 18,000' and felt like trying it. At this point, Jeff was feeling the same as before. He had stomach ailments and lethargy but no other altitude related problems. I was concerned that if we made a summit attempt now it would reduce his chances for a summit. We had plenty of provisions to wait another couple of days to see if he improved. Of course the longer you wait, the less margin you have for summit attempts later. Jeff was still in the game and had as much of a right to a summit attempt as the rest of us. I attempted to keep my aspirations out of the decision making process (it is an impossible task). I focused on weighing the opportunity for Al and Danielle to have their best chance (leave now) vs. Jeff's best chance (wait a day or two or even three) for a summit attempt. I was in a dilemma and not sure of the best course of action.

It then occurred to me that I didn't have to make the decision. We had agreed before the trip to make the big decisions by consensus, and I only needed to step in if we couldn't come to a group decision. I tried to lay out the two possible courses of action without favoring one or the other. Jeff immediately stepped up and supported the first option as the best. He said that although he was not feeling great, he was good enough to start up to Berlin. If it wasn't going well, he would turn around and wait for us at Nido de Condores where we would leave a tent and stove. Achieving a personal altitude record for every step he took would satisfy him.

Jeff, Danielle, Al and myself headed up to Camp Berlin under beautiful, calm skies. Jeff was not feeling any better and decided to return to Nido and wait for us. Upward progress was very slow at this altitude. Packs were heavy, as there was no time to ferry loads with our new plan. I could tell we were getting close to camp when I saw a streamer of toilet paper blowing in the wind. We arrived at Berlin and were thankful for borrowing the club's Little Dipper. It was very windy as we pitched the tent and began the long process of melting snow for water. We were feeling pretty good. My appetite was not that strong. I decided to abandon real food and concentrated on drinking a lot of water and tea, eating Powerbars (at least they are easy to digest) and a carbo loading beverage that also provides a lot of calories without any digestion concerns. It worked for me.

Right at dark we were in our flapping tent melting snow when we barely heard a climber outside yelling about an emergency and asking if anyone had a radio. Turns out it was Martin, a world class climber from the Czech Republic now living in Seattle. We had met him at camp Canada.

He was soloing the Polish Glacier Direct and had seen a climber who was abandoned by his two German climbing partners. His name was Stefan. He was conscious and in a sleeping bag in a heavily crevassed area. Martin did not have a rope and could not reach him. Stefan shouted to

Martin that he was OK although he could not walk and needed a rescue. His party had descended the Polish Glacier to save themselves and to initiate a rescue for Stefan.

Martin decided it would be quicker to go over the summit and hopefully get to Camp Berlin on the standard route before dark. He was hoping that someone would have a radio at Berlin to contact the park rangers. He had left his tent and gear on the Polish Glacier route and was also counting on room in the public shelter.

A Chilean climber did have a short wave radio. He translated Martin's call into Spanish and alerted the Rangers of the need for a rescue. Martin was concerned about a rescue party being able to locate Stefan, as he was not visible from the route and could not be safely approached without a rope. Satisfied that the rangers understood the situation and were initiating action, Martin needed assistance as all of his overnight gear and food was on the other side of the mountain. We gave him down clothing, hot water, and let him share the tent with us.

Thinking that maybe we could assist Stefan on our summit the next morning, Martin assured us that any rescue would have to come from the Polish Glacier side and rescuers would need technical gear to safely approach. In the mean time, we were under the impression that a rescue was under way with the proper climbing gear for the glacier. Since we were on the standard route we did not have any ropes or glacier gear. I went to sleep praying for Stefan's safety and had some prayers for our own safety and success the next day.

Art and Kim later had dinner with the two survivors upon their arrival at base camp. Based upon their conversation with his party, and second hand information, my understanding regarding Stefan is this: the group's stove did not work for two days yet the party continued to climb. They were extremely dehydrated. They lost equipment, including gloves, to the wind. They were struggling along with Stefan on a rope team of three. Stefan was having difficulties walking. He was stumbling a lot. Soon, Stefan was mostly being dragged, as he could not walk. He was not able to hold his head up. The decision was made to put him in a sleeping bag and return for him with a rescue team. The two continued in the dark, with no headlamp. Their struggle to camp included sitting on the ground and scooting along by feel. They tossed stones and listened for sound of how it landed to determine steepness. When they arrived at camp a couple from Seattle fed them and put them in their sleeping bags to warm them. When it was light, they continued down to Mulas in hopes to get a rescue operation underway. They were shocked to learn that there is no official rescue operation at Aconcagua and that a private rescue operation would have to be put together. It took a long time to get the rescue going. The other members wanted to go back to get Stefan but their bodies were too weak. Unfortunately, it took over three days for a rescue team to reach him. By that time, he was dead. A commercially guided expedition found his body at the bottom of the glacier. I assume he made a last ditch effort to save himself and fell on the steep ice.

SUMMIT DAY

For summit gear, we had decided to bring all of our down clothing, one bivy sack, one sleeping bag (given to the strongest member, Danielle) and one headlamp. We decided to leave the stove with Martin as he needed to obtain water for his journey back to his tent and we wanted to reduce weight. I wanted 3 1/2 liters of water (with Cytomax) for the summit attempt and had another 3 liters stashed in the tent for our return.

The morning of the 29th we woke up at 5:30 AM which is pretty late by mountaineering standards. However, there was no glacier to cross and sunset was 9 PM. We were guessing on a nine-hour trip to the summit, and maybe five hours for the return.

It was very cold and windy. We were guessing near 0 deg. F and wind about 50mph. Major formula for frostbite. Martin tried to convince us that it was too cold and windy - I didn't need much convincing. We went back to bed for an hour to see if the winds would die down. They did not; so we waited for the sun. We waited another hour for the winds to abate. Then another hour.

We debated about making an attempt or waiting for the next day. From previous trip reports, I knew it was possible to be very windy at Berlin but calm up higher. We decided to start up and then return quickly if the winds were sustained. We started for the summit at 9:30 AM. That would give us 12 hours for a round trip if we wanted to get back before dark.

Sure enough, the winds went from 40-50 mph to calm after an hour. It was a perfect summit day. Most of the route is actually a trail. Although Danielle was much faster than Al and myself, we stayed together during the first part of the climb. A group of people passed me moving very fast and carrying a plastic barrel cut in half. I was slightly curious about what they were doing but didn't spend too much of my concentration on it as my total being was focused on a step, three humongous breaths, another breath, etc., etc. I eventually came upon the rangers dragging a Californian down from the 21,000' level. His rag doll body was in the barrel being dragged down the scree and boulder field. His apparently lifeless limbs were bouncing on the ground. I later discovered he had spent the night out by himself without any gear (he had no pack, no gloves, only a light jacket and semi-conscious when they found him). We heard later that he was lucky to have survived with only minor frostbite.

Once we got to the infamous Canaleta, we started to spread out. The Canaleta is a steep, dusty, rocky, hot gully full of scree and boulders, which is the last and most difficult obstacle to the summit. Other reports on Aconcagua are pretty descriptive of how difficult physically and mentally this section of the climb is. Many turn back here. I was averaging 8 full breaths for every step up. After a couple of steps you had to stand there, panting. I never wanted to sit down for fear it would take too much energy to stand up again. Every once in a while you would slip back a couple of feet when a boulder moved. I had heard that the right side was better than the center. The right wasn't very good so I tried the center. That was worse. Danielle had scooted ahead and I could see her sitting on the summit. It was taking forever to reach her.

The day was getting pretty late and for a moment I questioned whether it was safe to continue. I knew that if I did not turn around now that we would surely be caught out at night. Although I was well-hydrated before leaving camp, I was worried about future dehydration as two of my 3 1/2 liters were frozen and were not melting against my body. I was concerned about other reports (and observations) of climbers having trouble on descent. However, I had a headlamp. The route up was pretty straightforward and felt like we could probably find our way down with a headlamp. The weather was perfect. I had a good down jacket and bivy sack and felt that I could spend the night out if I had to. And I was with two strong people. Although I was moving slow, I felt good and had no altitude symptoms. Although I had many warning lights flashing on my "Don Goodman Instrument Panel", I was very determined to make the summit and return safely.

Just as I decided (for myself) to go to the summit, I saw Al turn around. He was just 300' from the summit and I was 50' below him. I guessed we were 45 minutes from the top (turns out it was at least 1 1/2 hours away). Al was going through the same decision making process I was. He was starting to hallucinate to the point that he didn't trust being alone. We had gotten separated hours ago when he got off route on some horribly loose rock and thought that I was ahead. He decided to head down. Almost as soon as he started down he ran into me. He looked right at me and said, "Is that really you, Rob?" After I convinced him that it was really me, and that I wanted to continue, we both headed for the summit. Al and myself made the summit at 7:30 PM, while Danielle had summited 1 1/2 or 2 hours earlier. It was a beautiful, calm day. We took photos and tried to soak up the views and achievement. But, our main concern was getting down the Canaleta before nightfall. We spent only ten minutes on the summit and stared down the loose gully.

We did make it down to the ruins of the Argentina Hut at 21,000' as it got pitch black. Just as I started questioning whether we should bivouac at that point, Al verbalized the question. We discussed it and decided to keep moving as long as we did not get lost. We knew where we were. We knew which direction we had to go. We knew that if we stayed on route there were places to bivouac later. And we had a headlamp. So we kept making our way down. It was really

hard to keep on the path. We would lose it and search around until we found it again. If you want to know the truth, I would mostly stand there and shine the light and Danielle would search around for the right direction. I chalk it up to her youth but she had much more energy and could see better in the dark than Al or I.

About 800' above camp the terrain gets steep and there are some cliff bands to avoid. The batteries in my headlamp ran out there. I could not find my spare batteries after tearing my pack apart searching by feel. I noticed myself going into mild hypothermia and put my down parka on and had a powerbar. We thought about bivouacking again at that spot. We scrounged up some spare batteries and started off again. The light was not working well and I searched the same place again where I knew they had to be. Maybe because I had warmed up I found the spare set and we resumed the descent. Finally, by 2 AM we found the tents. Safe but exhausted.

The next day we moved from 20,000' down to the 14,000' base camp. Our pack weighed between 90-100 lb. with two 4-person tents, two weeks of extra food, fuel, and climbing gear (ice axes, crampons) we never used. We had our backpack completely stuffed plus an extra duffel bag tied on top. We were really tired at the end of the day; but at least we didn't stagger when we walked into base camp (OK, maybe I staggered a few times but I made sure I looked strong when I approached base camp). We met Jeff and Martin at base camp. We all had big smiles.

Martin found a commercial guiding outfit that had beers for sale. One beer provided a glowing relaxation. After the second beer, it was hard to walk. Sleep was deep and delicious. The next day was a 18-mile hike out to the hotel at Puente Del Inca. At least the mules carried all of the heavy gear. We went out of our way to smile and offer encouragement to those heading in. The weather was nice. I didn't know it at the time, but this was the last day for anyone to summit for the next month.

Our Czech friend Martin was interrogated by the police who were conducting an investigation into the death of Stefan, the German climber left below the summit. It was big news in Germany and the press wanted to interview him.

POST CLIMB:

I checked out the Aconcagua web site when I returned home and read the reports about bad weather and deaths ([Http://www.aconcagua.net/](http://www.aconcagua.net/)). There had been 10 deaths since January of 98 (normal is one or two all year). El Nino has had a strong effect. Three died in an avalanche. The weather and the accidents have been the worst on record. We feel real lucky to have made it to the summit safely. Unofficially, the success rate this year so far has been estimated to be 20-30 percent.

A lot of the problems are with people who don't understand Aconcagua. The normal route requires no ropes so many people who think it is a walk up come unprepared to deal with the altitude, the cold, and the wind.

Some suggestions to those planning trips to Aconcagua:

The fee will increase from \$120 to \$300 per year starting January 1999.

Plan in advance. Seven months is not too early to get the team, dates, objectives set, and airline tickets booked.

Plan for uncertainty; build flexibility into your schedule. Know that there will be delays, illness, and other maladies and that is part of the adventure and challenge of climbing. Many groups did not make the summit or made poor decisions because they did not have enough time and supplies to wait out bad weather or illness.

Expect to suffer and expect to prevail.

Begin Spanish lessons now.

Begin training now. As you get closer, train as specifically as possible for the conditions you expect. For example, a trip up to Camp Muir with heavy packs under "conditions" is good training. A few extra long days (20 hours) are good training preparations for a long summit day.

Bring lots of Pepto Bismo and Lomotil.

Don't drink untreated water. Beer is safe and large quantities help prepare you for the ataxia and impaired judgment at altitude.

On the mountain, liquid water is like gold. Most climbers were under constant dehydration. I drank 9 liters on one warm day.

On the mountain, be on the mountain - in other words, keep focused on the big picture, stay relaxed and don't stress about little things.

Get current conditions, trip reports, arrange mules, hotels, transportation, see photos, etc. on the internet at [Http://www.aconcagua.net/](http://www.aconcagua.net/)

Enjoy the international community at base camp but don't expect a wilderness experience.

Don't expect a rescue.

Do not hesitate to turn back.

Be patient.

*When it blows,
The mountain wind is
boisterous,
But when it blows not,
It simply blows not.
EMILY BRONTE*

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ALPINE ECHO

AUGUST ECHO staff

Editor: Mark Hicks
Activities/calendar report: Len Kannapell
Trip reports: Ron Fleck
Rob Kunz

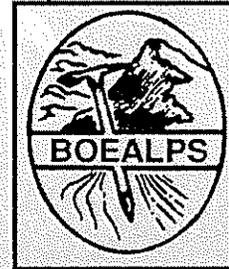
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

September 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Chris Rudesill	OR-PX	425-717-0025	Equipment South	Mike Jacobsen	3E-FR	253-657-1438
			christopher.c.rudesill@boeing.com				michael.t.jacobsen@boeing.com
Vice President	Rich Baldwin	2H-30	206-544-7580	Central	Silas Wild		206-527-9453
			richard.f.baldwin@boeing.com				silaswild@yahoo.com
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			lpk@hartcrowser.com				elaine.worden@boeing.com
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	Katy Rusho		206-256-1263	Programs	Eric Bennett	0J-XL	206-579-5016
			katyr@pmiseattle.com				eric.r.bennett@boeing.com
Echo Editor	Mark Hicks	02-JA	425-294-0588	Homepage Editor	Rob James		rob.james@gecm.com
			mark.a.hicks@boeing.com	BCAG Recreation	Jake Davis	0F-KA	425-342-8369
Education	Ken Johnson	0U-31	425-266-7659				
			ken.johnson@boeing.com	Home Page	http://www.accessone.com/~boealps		

Photo: Allen Erie on a winter ascent of Mt. Hood, by Shawn Paré
(or maybe climbers approaching Mt. Olympus)

From Elaine Worden 6H-CJ

Elections at the Rainier Brewery!!!

Thursday, September 3rd
Doors open at 6:00PM
Business starts at 7:00PM

*This will take place of the
regular General Meeting.*

Directions: Drive I-5 to just south of Seattle. Look to the West of I-5.
YOU CAN'T MISS IT!

Out With The Old... ..And In With The New

A full array of refreshments will be provided. Come check it out.



BELAY STANCE

Upcoming Events

CLUB ELECTIONS - Thursday, September 3rd at the Rainier Brewery. See the front cover for details.

* Two votes will be taken at the September elections:

- 1) Starting next year, should \$1 of membership dues go to the Agris Morrus fund for the awards granted each year?
- 2) Should we allow non-Boeing employees in the club, provided they can prove their value and contributions to the club? Recreation has approved this and a short addendum to the By-Laws appeared a couple of months ago.

ANNUAL BANQUET - The Banquet will be held Friday, October 2nd. See the ad in this issue.

FALL CAMPOUT - See the flyer in this issue for info on this year's Fall Campout.

We Need Help

We need an East side equipment person to replace Kelly McGuckin. It's a great way to get involved with the club and have access to all the free gear you want at the same time! Interested parties should contact The Pres., Chris Rudesill.

New Front Cover

A few of you may have received an old front cover picture of Mt. Olympus on this month's Echo. Sorry, you weren't selected to win a prize or anything. It's not a bag of red M&M's. We have ordered new front covers using this year's winning slides from the "front cover" category; however, they didn't quite make it in time for this issue. I had to resort to a few spares. Look for a new cover picture on next month's issue.

This Issue Includes...

...the Board Minutes you've all been waiting for from Ilan Angwin. Also, a letter to the editor from Elden Altizer, an article from Tom Rogers on double rope technique and a trip report from Troy Colyer on a Mt. Olympus Traverse.

Homepage Password

The password for the homepage is: **SLESSE**
This is used when accessing the Activities or Club roster sections of the homepage.

From the desk of your editor,



Mark Hicks

OCTOBER ECHO DEADLINE IS SEPTEMBER 21ST



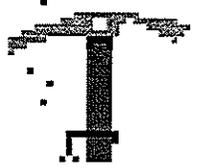
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October



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hikes • scrambles • ski trips • climbs

Hi-Tec Adventure Racing Series

August 29 - 30

The Hi-Tec Adventure Racing Series is touted as the weekend warriors answer to the Eco Challenge. Teams of 3 are put through an hour in a kayak, 10-15 miles on a mountain bike and a 5-8 mile trail run. There are also "special tests" along the way such as rock climbing, obstacle course, mud pit, swimming, tyrolean traverse, etc. The distances, order and special tests are unknown until just before the race. Jane and I are looking for a team mate to join us. We are not going to win this race, so bring a spirit of adventure and a willingness to have fun no matter what. Priority will be given to anyone over 47 (allowing us to race in the masters division). You must provide your own mountain bike and share of the entry fee (\$60 - \$70).

Mountain or Area	Henry Hagg Lake, Portland OR
Rating	Ugly
Grade	Nasty
Distance	1 hour in kayak, 10 - 15 miles on mountain bike, 5 - 8 mile trail run round trip
Additional Info	http://WWW.MESP.COM
Skills Required	Running, kayaking, biking, having fun in adverse environment, teamwork
Number of persons	200 teams of 3. We need 1.
Contact Info	Mark Adkins (425) 513-2727 (eves) surfer@eskimo.com

Mt. Adams and Mt. St. Helens - Volcanic Duo

Sept. 11-13

Thomas Ott, recent Blue Team Basic Class grad, leads the trip to this dynamic duo the weekend after Labor Day. Leave Seattle early Friday morning and drive to the trailhead (Adams Creek meadows). Hike to camp on the North Ridge. Climb Adams on Saturday and return to camp Saturday night. Sunday, get up early and drive to Mt. St. Helens via Monitor Ridge (standard route).

Party Limit	6-9
Equipment	Standard glacier gear, helmet, tent or bivy sac
Experience	Basic Class or equivalent
Contact	Thomas Ott (253) 639-9978 (w) (253) 657-0194 (h) r.t.ott@boeing.com

President's Climb - Sahale Peak (North Cascades)

Sept. 19-20

Our estimable and electrifying President Chris Rudesill, soon to be Past President Rudesill, has claimed "The Matterhorn of the Cascades" as his curtain call. The plan is send someone up to Marblemount on Thursday or Friday to get the hard-to-come-by camping permit for Sahale Arm, do the 5.5 mile approach Saturday, chow down on culinary delights (with a Kangaroo Kitchen and a cast iron skillet, Chris won't disappoint you), do the climb on Sunday and return to civilization Sunday afternoon. Come join the party - spectacular views of Johannesburg Mt., Forbidden, Buckner, Goode, the final weekend before fall arrives.

Party Limit 12
Route Sahale Glacier
Equipment Standard glacier gear, helmet
Experience Basic Class or equivalent
Contact Chris Rudesill
(206) 729-0640 (h)

Submit activities to

Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Thank you to everyone who submitted an activity - Rich Baldwin, Mark Adkins, Thomas Ott, and President Rudesill.

Activity idea of the month: Mt. Daniel (near Roslyn) - beautiful fall hike to Peggy's Pond and an easy climb - this is a great September/October trip. Put it in the ECHO!

Notes from the Activity Chair

We're doing well on activities, but we still need more! Basic Class grads and veterans, consider some October and November hikes and beach combing in addition to climbs. Boealps would occasionally do an Olympic Coast hike from Shi-Shi beach down to La Push or shorter, so consider those as activities possibilities. One day bike rides to catch the good weather window are other ideas too - Len K.

Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
(____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

Meeting Minutes

August

Lindsey Amtmann of the Washington Wildlife and Recreation Coalition (WWRC) told the board what they were doing in Washington to protect access to open spaces and their desire to get the Boealps membership involved.

The board had a lengthy debate on buying a child's harness with the club's funds. Those who favored buying this gear felt this specialized and of limited use gear met the needs of the families with small children in the club. The majority of the board felt that a harness of any type was personal safety gear and should not be purchased by the club. The board considered buying a child's helmet along with the harness. The board voted against the purchase.

The following people have been nominated for board of directors:

President: Rich Baldwin

Secretary: Andrew Keleher and Rob Kunz

Treasure: Ed Alejandro

Ilan Angwin declined the nomination of vice president.

Two new by - laws will be also be voted on at the elections. One by - law will put a dollar of every member's dues into the Agriss Morris fund. The other by - law will allow Non - Boeing people to become members of the club.

The banquet this year will be held at Tyee yacht club with an expected cost of \$28 dollars a person and \$30 dollars for non - members. Initial tasks were delegated and the final arrangements will be made at the next board meeting.

Ken Johnson will make sure the speaker has everything he needs.

Len Kannapell and will design the advertisement

Ed Alejandro is the drinking committee. He is looking for some help.

Chris Rudesill is doing the recognition awards.

The next president will be responsible for door prizes.

The Echo deadline is September 21, 1998

Mark Hicks will lead a rock climbing seminar in the fall.

The president's climb will be up Sahale peak September 19th and 20th.

After several motions to adjourn, Ed finally seconded the motion so the meeting ended.



Fall Campout



Could the winter monsoons cleanse you of the memory of another great summer? Yes, don't be foolish. But there is one last chance to enjoy the marigold of the maple leaves, the lingering of the larches, and the bohemia of Boealpers - **the Annual Fall Campout!**

- Where:** Eightmile Campground, near Leavenworth.
We will be at the Group Site, on the left as you enter the campground.
- When:** October 9-11, 1998
- Who:** All club members, family, friends
- What:** Rock climbing, hiking, cycling, star gazing, philosophizing, story telling
- How:** Return the attached form by **Thursday, October 1**. Please bring a food item to share with the other members for the Saturday night potluck dinner.

Last name begins with:

- A-C** Chips and Dip
- D-N** Side Dish (side dish, fruit or salad)
- O-Z** Dessert

Boealps will provide chicken, hamburgers, garden burgers, buns, condiments and the soft drinks

- Rules:** A quiet sleeping area will be reserved for members who want an early bedtime to count the sheep or who are catching up on lost sleep. Please ask where it is before setting up your tent. Loud and raucous behavior is applauded but limited to quiet after 10pm. Please note that some people will stay up very late around the campfire, "when the gales of November come early..."

October Campout Response Form

(RSVP requested by Thursday, Oct. 1)

Name: _____
 Number Attending: _____
 Potluck Dish: _____

Would like to help with campout? Yes / No

Send response to: **Len Kannapel**

Home: **1015 NE 126th St.
 Seattle, WA 98125
 (206) 361-7523 (h)**
 E-mail: **lpk@hartcrowser.com**



BOEALPS ANNUAL BANQUET



Friday October 2nd, 1998

**Tyee Yacht Club on Lake Union
3229 Fairview E. (Eastlake area)**

Don't miss out on this great event - a few improvements from last year include an outdoor deck right on the water, a hosted bar with all beverages included, and dancing. Can you beat that? And don't dare forget the fabulous door prizes!

Banquet Schedule

- 6:00 Arrival/social
- 7:00 Buffet dinner
- 8:00 Coffee & dessert - past/new Board, door prizes, etc.
- 9:00 Guest speaker - Tom Hargis, veteran Himalayan climber and guide
- 10:00 Dancing
- 11:30 Exit

Menu features

- Tossed NW and baby greens (w/ toasted almonds and raspberry vinaigrette)
- Bow tie pasta in light pesto vinaigrette
- Steamed vegetable medley in light herb butter
- Mediterranean chicken in white wine sauce
- Salmon Wellington in delicate puff pastry

Boealps Banquet Registration Form *(tear along line and return with payment, cash or check)*

Name: _____ Phone (work or home): _____
Mail stop or address: _____

# Member tickets = _____	x	\$26	=	\$ _____
# Guest tickets = _____	x	\$28	=	\$ _____
Total # tickets = _____	Total enclosed	=	\$ _____	(checks payable to Boealps)

Return to: Elaine Worden M/S 6H-CJ (425) 965-0049 (w)

Reserve your place by returning the form with payment before **Friday, September 25th**



Rock Climbing Seminar



Boealps Annual Rock Climbing Seminar

Join a slew (or at least a few) of Boealps finest rock climbers and learn the do's and don'ts of vertical travel. This year's class will be held in the sunny☺ canyons of Leavenworth and will focus on learning through doing. We will attempt to achieve a one to one student to instructor ratio to facilitate the most efficient learning environment. All levels of experience are welcome but emphasis will be on beginners and those who want to lead.

Wednesday, September 16th 7PM-9PM

Evening discussion at the Oxbow Rec Center:

- Discuss safety, gear and techniques
- Check out some slides
- Plan the weekend

Saturday, September 20th

Field day at Leavenworth:

- Learn to place protection
- Learn to build anchors and belays
- Partake in top rope and lead climbing

* Attendance at the Wednesday discussion is mandatory for participation on Saturday

Prerequisites - Basic Class grad or equivalent

Cost: Your time and effort

Contacts for Enrollment:

Mark Hicks mark.a.hicks@boeing.com
(h) 425-787-2469

Rob James rob.james@gecm.com

August 18, 1998

Subject: Fixed Anchor Ban by Forest Service

Dear Echo Editor,

By now every climber should know that the U. S. Forest Service has attempted to ban all fixed anchors in Wilderness Areas in an illegal manner, with no public comment or following proper administrative rules. This issue has been in the newspapers, major climbing publications, TV, and in the information from major climbing organizations.

It is not my intent to educate Boealpers on this issue but to recommend you look at the Access Fund's web site, <http://www.outdoorlink.com/accessfund/>, or REI's web site, http://www.rei.com/MORE_STORE/NEWSLETTER/PACitizenetop.html. My message is for every Boealper to show their support for climbing through action.

I know that every active climber makes a tremendous commitment in terms of time, training, and equipment to the sport we love. But when it comes to being aware and active in the political arena, the world of the land managers, climbers have not been engaged in the dialogue that is driving public land policy. If you assume that the vast public lands in our state and the rest of our nation are there for you to enjoy with minimal constraint (and of course in an environmentally sensitive manner) you are wrong. And with the recent attempt to ban fixed anchors, the Forest Service could make you dead wrong.

I'm impressed by the position taken by the Access Fund and the Mountaineers. I have a simple message to all of you. Demand that the Boealps board become more active in protecting climbing's future **AND** join either the Access Fund or the Mountaineers. Any member of Boealps that is not a member of one of these organizations is a climber is like an ostrich with their head stuck in the sand.

Some people will strongly oppose my position and they're free to share their opinion. But isn't an ounce of prevention worth a pound of cure? Do you want to ignore the actions and positions being formed in land managers offices until the pain is unbearable?

As Boealps President during the reopening efforts for Peshastin Pinnacles, the club was politically active and it paid tremendous dividends. Club members and the Boeing Company contributed over \$6,000 dollars to the effort, which resulted in the State spending \$340,000 to make it a state park. Pretty good leverage of funds, I think. Those funds were raised by less than 50 of 400 members. Think what we could have done if 100 instead of 50 had stepped forward.

The time to act is now, not the future. If you feel a dedication to climbing spend a few dollars on climbing - *join the Access Fund or Mountaineers now.*

-Elden Altizer

Double Ropes by Tom Rogers

This article is only intended to spark some interest in double rope techniques. Hopefully it will provide some useful methods in climbing with double ropes. All and any comments, tips, techniques which you have experienced would be appreciated so that they could be added to this list. I am not trying to say this is gospel or even best form, just some that seems to work. **Methods for rope handling are assumed to be already known and used by experienced climbers and therefore will not be covered herein. This article does not take the place of qualified instruction. It is meant only as a reference guide. Seek an experienced instructor when learning ANY new techniques. Rock climbing as well as rappelling is an inherently dangerous sport that may result in SERIOUS INJURY or DEATH!!**

In General:

- Do as little messing and fussing with the rope as possible.
- Don't flake the ropes separately unless absolutely necessary.
- Use a rope bag which opens and lays flat and has two tie loops, one at each end.

The night before the climb (at home or base camp), flake the two ropes together onto the rope bag, as if they were one rope. Start with both ends of each rope and tie the ends into one of the tie-in loops of the rope bag with two overhand or figure eight knots, flake the ropes, together, onto the flattened bag until you're out of rope, tie the remaining rope ends into the remaining tie-in loop with one overhand or figure eight knot (the figure eight is best if you're rappelling at night).

- When you need to use the rope, position the bag and ropes such that the rope with one knot is on top when it is opened. The leader ties into the one knot side and the 2nd ties into the two knot side.
- The belayer then feeds both bites of the ropes to his belay device and when ready the leader starts to climb.

When to use the doubles: (in general, applicable for only one team of two people).

- A route which requires a double rope rappel to retreat
- Committing climbs
- Routes with known areas of pronounced sharp rock
- Long steep/ice snow climbs
- Difficult routes which may be at the leaders highest level or significant possibility of falling
- Routes which are steep and have traverses in route, this is especially important if your traversing over ledge areas.
- Where rope drag is trying to be avoided as the leader weaves his way through horns and corners.
- Hard leads where quick clips are essential.

Advantages:

- Much less chance of both strands breaking during the same fall
- Less chance of both ropes being severed by rock fall
- Less drag on some routes
- Easier to clip protection of hard routes
- Double rope rappels
- Good during hard leads, one rope is kept tight and the other is fed slack for the clip. This reduces the leaders fall potential.
- Efficient use of all that you carry
- Redundant safety features
- Rated to several times the number of fall to that of a single rope

- Retains redundant safety features better over the years (ropes lose rated capacity over time even if not loaded, even by only being drug across the rock during a lead) tests have shown that rope strength for a unloaded rope can be degraded to that of only one or two falls after couple years of service. This varies with each manufacturer.
- Where the leader may only have single slings and lacks the preferred double.

Rope Drag:

Although double rope technique is often touted as having less drag this is not always true. On moderate to long routes the rope will lend itself, by the virtue of being used often, to twisting—a lot (this is due to the lack of separating the rope each and every pitch). The rope drag will tend to increase both for the leader and the belayer. The leader will be dragging the rope and the belayer will be pulling the rope with the twist coming to his device with almost every hand movement near the end of the pitch. This actually sound worse then it is. Usually the problem doesn't become too annoying unless you're doing more than 10 to 15 pitches at which time it's still manageable. It's actually more of a pain for the belayer being as the leader is trying to climb at light speed due to the nature of alpine climbing and you're just trying to keep up.

One way to avoid this increased drag is to clip both lines into each carabiner. In general, the only time you should clip one strand into the carabiner is when the rope will be noticeably apart from the other line during the course of the lead. This problem becomes more evident as the coiling of the two ropes increases further into the climb and near the end of each pitch. Imagine as the rope coils about ten times into a tight single strand the leader must pull these twisted lines (one outside and one inside) though the carabiner. It becomes a problem to where it can even pull the pieces (nuts) out. But going through the carabiner as a pair alleviates this problem almost entirely.

To get rid of the twisted ropes tie in with a “figure eight on a bight” to two locking , (opposite and opposed) carabiners instead of directly to your harness. Unclip (after tied of with bomber tie off to belay) after rope begins to tangle excessively and shake the rope out. Then clip back in. Then **double check set up**.

Descent:

The biggest problem by far is when you need to rappel directly after climbing. The rope may need to be flaked out so that the lines can be tossed. In some cases, depending on how long or short and the number of rappels required, the ropes may need to be separated.

Cardinal rule #1: separating thin double ropes is very slow and often difficult if not done correctly. Therefore, try not to untie the rope until you have to. The thin lines tend to knot very easily. Flaking the two ropes apart usually can be done efficiently by two people simultaneously--at the same exact pace. Don't get ahead of your partner or you'll regret it. If we have only a very short distance to rappel we just tread the anchor and tie the two rope ends together and toss the rope, then rappelling the desired distance and re-coil the used portion of rope into the bag. But if we have a lot of rappels we flake the ropes separately. Two rope bags work great here, even if you carry one unused bag until the descent. They can save you a lot of time in rope management between rappels and you'll have far less tangled ropes after the rope throw. The weight of the single strand of rope is usually not great enough to overcome the wind conditions typically found and/or the rope doesn't clear the numerous rock features and/or it just entangles into its self. If the rappel requires only a single we use one rope and halve it for the rappel.

During the rappel I cannot suggest strongly enough that a belay glove, wool, leather, etc., be used when using **thin** lines. It could very well save your life. In the past I've always rappelled using only my bare hand. It usually worked fine because basic technique dictates that the rope be pulled back across one's back to increase the rope friction. But after climbing for a few years I have seen many a rappel and even more examples of how some people chose to rappel, mostly with only the bare hand and no additional friction. Most people have never had too many frightening experiences while rappelling; but it's when things change from the normal to the un-normal that most accidents happen. New and experienced climbers both will tend to base their methods on their most memorable experiences -- good and bad. In other words if they have never had or seen a mishap why change? The biggest reason which I can see is that there are few second chances once you're out of control while on rappel. There's an adage I am fond of, it goes: A fool doesn't learn from his mistakes; A smart man learns from his mistakes and A wise man learns from others mistakes. During one rappel I happened to not see a knot which was in my ropes. And despite my best efforts to stop before the knot reached my hand I failed to stop myself (no glove, thin 8.5mm lines, and a pack) since not enough friction was able to be generated, not even with an ATC belay device. Although annoying, this was not something too unusual. What was to follow I will never forget though. I was able to eventually clear the rope of the knot and then proceed to continue with the rappel. I grabbed to the rope strand coming out of my belay device near the inside of my leg to unwrap the rope from around my leg (there was about 6 inches of line between my hand and the belay device). Then just as the rope cleared my leg—whoush!!, I was gone. Try as I might, gripping with all the strength my hand could exert I keep on going down. The rock features turned into a blur as they rushed by. Luckily I had a good landing spot and not some precarious exposed perch to land on as I came to a rather abrupt stop. Ever since that day my partner, John, and I prefer to use a glove and usually ask for a bottom belay on thin ropes. **Heavy pack rappels: gloves--period.**

If you chose to not separate the ropes prior to rappelling just remember that untangling a knot while on a hanging rappel with a pack, wind and rain is not a pleasant experience. But often times we just trend the anchor and tie the two rope ends together and toss the rope. But be sure the other ends are untied from each other so that they are able to un-twist as you rappel and are shaking the rope as you go.

Night rappels:

Use a rope bag for each rope if possible with knots tied to bags. Hang the bag via a long sling to allow the rope an easier feed (from bag to you hand) and time to straighten out, thus not forcing your hand toward the belay device. Night rappels are not recommended—dangerous.

Protection:

When clipping into marginal protection the use of one rope will generally produce a much lower force on the protection (with a longer fall though).

Clip both ropes though the first couple of pieces where the fall factor is the highest.

There are many more comments I could make but I getting tired of this, so I'm done.

Conclusion:

At this point I must add a disclaimer and a short personal note. Climbing is dangerous, stack the odds in your favor. Please always seek professional instruction when learning new techniques.

Note: **SINGLE DOUBLE ROPES ARE NOT RATED FOR LEADING ON ROCK.** They are tested at a much smaller load level, approx. xxx lb. (I'm getting lazy here at work), when loaded on a single rope for a fall factor of two they break and **they brake often.** Granted there are some variables which are not present in the controlled test but there are also some things the real world presents which the controlled test doesn't allow, such as rock edges. And also let it state that you should **never** belay through the **belay anchor** if you only have one double rope strand while leading rock. This method results in the largest forces. Other methods, such as, dynamics belays, exist for climbers trained in this art.

If you only have one double rope and you need to climb rock: double the rope in half and tie into the two free ends for one person and at two different places for the other (allow slack in between the two bites of rope for the knots to be independent of each other). Personally I will not climb in a rock or mixed alpine environment which only one double rope (unless I double it into two strands). Some people will insist that the route is only 4th class or the route is mostly snow. But for some reason I hear of competent climbers falling on "easy 4th class" routes every year or finding themselves climbing scary 5th class "3rd class" sections. And I have yet to see few of the routes which I have climbed be so predictable as to be willing to bet my life on a high fall factor not being remotely possible. Besides I haven't ever heard of a 4th class route not permitting a high fall factor and having all smooth rolling rock edges. Lets be real and not kid ourselves. However, if you're are willing to accept the risk knowing it could very well break, have at it, but don't lead your partner, whom maybe looking up to you for inspiration and/or guidance, into thinking it's acceptable. Let him come to his own conclusion and then proceed from there.

"It's All Madness"- Mt. Olympus Traverse July 31 - Aug 4.

Jerry and Kathy Baillie (Team Leaders), Mustafa "Moose" Patni, Troy Colyer (scribe)

Prolog: *Tuesday July 28th, Nickerson Street Saloon. I was called to an impromptu meeting to discuss alterations to the original itinerary (an ambitious Olympus summit traverse and loop, up the Hoh and down the Quinault), which I had not yet seen. Jerry pointed out an added destination of Camp Pan and Glacier Pass on the map, claiming a longer day two would make an easier day four and five. It all seemed reasonable, and I agreed on the plan. Moose was not able to make this infamous meeting...*

Day 1

Everyone met at my apartment at 6:20 after getting lost in the Union Street quagmire. Breakfast was eaten in the only diner in the outskirts of Aberdeen (yikes!). As this was to be a loop, we first dropped a car at the Quinault Ranger station, where we quizzed the ranger about Camp Pan and the possibility of a trail over Dodge-Rixon Pass. Somehow, he had never heard of either. We piled into Moose's truck and reached the Hoh River Trailhead and braved the gawking crowds at the Visitor Center ("ooh, climbers! Quick, take pictures!"). The ranger there not only had never heard of our destinations, she asked if our families had a set date to call Search and Rescue after us. The climbing log stated the average climb time was 12 hrs from Glacier Meadows, and there was recently a 30' crevasse fall. Encouraged by the supportive atmosphere, we trudged through the tourists up the trail at 1pm, with our monstrous 5 day packs. I somehow started to get blisters at only 2 miles in, and took the by then useless measure of wrapped them in spiroflex. The penultimate ranger at Elk Meadows shed no further light into our inquiries on our illusory Camp Pan. We dropped our packs at the Lewis Meadows sandbar at 5pm, after 10.5 miles and 950 ft elevation gain. A light mist, the only precipitation of the trip, accompanied our first grand dinner. The Hoh was blue-gray with glacial flour, and promptly plugged our water filter.

Day 2

We woke up to sunshine and tea, blissfully unaware of what the day ahead held for us; our plan was to make it all the way to Camp Pan. We hit the trail around 8am. The sun was beating by the time we made it to the impressive Hoh River bridge, and we were spread out along the trail when we reached Glacier Meadows at 17 miles. The grim looking returning climbers passing us were taking 12-14 hours to the top and back, citing heat and poor snow conditions. Hmm. The 1.2 miles past the ranger station were exposed to the sun, and went steeply up a loose rocky trail. At 18.2 miles, a long moraine separated us from the Blue glacier, with a horrible loose rock descent that had us kicking off chunks of the hill no matter where or how carefully one stepped. A couple on their way out told us they only took 3 hours to bag the peak from Snow Dome, much more encouraging than the reports from below. Nearly oblivious to the beauty of the towering peaks and ice walls above us, we roped up around 4:30pm, expecting to be at Camp Pan by 5:30.

At this point, we had not really been concerned about the amount of mileage or elevation we had gained. However, as we crossed the glacier towards Glacier Pass Moose began to hit the wall, and as we ascended the pass, he crashed into it. The pace dropped to 1 mile/hr as Moose waged an impressive battle to make his legs move against their will. The packs weighed heavy on everyone's backs, and it became a mental effort as well as physical to get over the pass's daunting 1000' elevation gain. We reached the top as the sun was starting to sink below the impressive glaciated ridges. Jerry swung around into the lead, and led an all-out sidehill charge across the Hoh Glacier towards camp. "We need to make camp before dark!". We did, around 8pm after winding through the crevasse field at warp speed 10, and gaining another 300+ ft from the glacier valley, up steep snow. Completely exhausted, I somehow made dinner in the fading light. Daily total- approximately 5800 ft elevation gain over 10.5 miles with our 5 day packs. Our destination was renamed "Camp Pain".

Day 3

Another perfect sunny morning in the Olympics! I was not too tired, but still found myself dreading the day. We watched a rope team head straight up the Hoh Glacier only to be thwarted by a huge, previously unseen by them, crevasse. Moose opted out the summit traverse to recover for the hike out of Camp Pain later in the afternoon. This left me alone on a rope with the speedsters Jerry and Kathy, and they put me in the lead. Ho boy. The sun met us half way across the crevasse field, and off came the crampons. We headed up the glacier at a fast clip, dodging, weaving and jumping around crevasses, heading far left to avoid the impassable one at the top. After we passed the East Peak, we were left in a quandary as how to get around the Middle Peak to the West. Gargantuan crevasses and head-spinning exposed cliffs separated us from the true peak. We decided to climb the Middle Peak, hoping to have a view of the route. The final snow field was intimidatingly steep, with only 2 inches of snow above the ice. I took a winger when

the meager snow slid out under my feet, but arrested before I reached Jerry behind me. We took a vote on which dirty gully to ascend, and set up some pro. After a time eating 5.2 scramble, we found ourselves on top, only the 4th group this year. The traverse route was not visible, nor was an easy way off. The East Peak looked easier, but was exposed and would still require protection; we decided to bail on climbing the lowest summit. After some adventures and a rappel on the descent, we regrouped and made it back to camp in less than an hour at 3pm.

We began to pack up, but arrived at a new itinerary- rather than head up a steep snow wall and bushwhack onward into the unknown towards the mysterious Dodge-Rixon Pass to complete the loop, why not stay at Camp Pain, hit the traditional route to the West Peak up Snow Dome, and exit via the Hoh River? YEAH! Camp Pain regained its name as we luxuriated in the decadence of a couple hours off and the easiest day- only around 2800 ft of elevation. We watched the spectacular sunset from our cliffy camp, listened to the water flow and rock fall, and lounged on our blue foam in the shade. We had time to wash off with sun warmed glacier meltwater from granite pools dotting the camp. In the heat, any foodstuff able to melt had become one with their wrappers. My personal food sash was becoming less appetizing by the day. Pumping water from the numerous small pools became an extra upper-body workout due to the clogged filter. There was more, but I was asleep before 7pm. Winds rocked our tent all night, giving me Dionysian dreams from a light sleep.

Day 4

Moose and I awoke at 4:30 to break down camp. We hit the glacier at 6am on schedule, across unfrozen snow with Jerry in the lead. Just as Moose was wondering if he could keep the pace, we crossed under a precarious area where we had seen and heard rockfall the night before. Jerry called out "pick up the pace!", and behind me, Moose asked why. Tired myself, I could only point up at the Volkswagon bus sized ice chunks straining to crash down on us, and the monitor sized pieces scattered underfoot embedded in the snow. This was all it took for Moose to find the adrenaline to go even faster.

We re-crossed the Hoh Glacier, Glacier Pass, and the Blue Glacier to the base of the Snow Dome in less than 2 hours. We dropped some pack weight under stunning waterfalls, and headed up the steep slope to the gentle meandering grade on top of the dome. We arrived at the summit base around 10:30, and I was psyched to be ahead of yesterday's schedule. However, this was the FALSE summit. After scrambling up and down more gullies, we found ourselves staring an incredibly steep wall of snow. I would have thought it could only have been solved by technical methods, but a solitary trail of steps went straight up and out of sight. Gulp. However, the run-out was a bowl in the shape of a half-pipe, so a slip would only mean one would have to start over (still an unpleasant proposition).

On top of the snow wall, we ran into more difficulties. The "easy" way up was inaccessible due to snow melt, and we did not have any friends. Jerry led an exposed class 4 route winding around the right side of the summit block and a 5.4 - 5.6 pitch up to the summit, brilliantly using slings and chockstones for protection. Given a second chance, all four of us had summit chocolate and read the four day old summit register. One entry read "What easy route?!". Indeed. We were the first party on the summit in 2 days. No civilization could be seen, with at least 18 miles of wilderness separating us from any direction. Glacier and rock everywhere, even though we were only at 7969 ft. Though it had fog, the ocean could be discerned far far away.

The descent took two rappels, and ate up even more time, but we hit high gear on the way back, aided by an outstanding glissade down the final stretch to our packs. We roped up and raced a party descending from Glacier Pass across the blue ice of the Blue Glacier. The swirling streams and water holes were hypnotizing me to linger, but eventually we found ourselves under the moraine separating us from the Hoh trail proper. My legs deliquesced with the burden of the full pack and wet rope. Jerry and Kathy were up the moraine and out of sight before Moose and I could even get out of our harnesses. This could have been due to the smell from Moose's pack; he had been carrying around a blue bag for two days. Normally this should not have been a problem, but he had double bagged using the "official" bags, rather than ziplocks. He had also placed it near the top of his pack, with the unfortunate consequence of having the contents ferment in the heat. Even after disposing them at the top of the moraine, his pack still carried the pungent aroma, noticeable to anyone downwind. Moose and I had a slow trudge back to Glacier Meadows, where Jerry and Kathy had secured a campsite another 1.5 miles down the trail.

A bear was spotted on the way to camp, in the same spot where everyone else sees it. I finally got to unload group gear (dinner), and we got extremely punch drunk at what we had already put ourselves through, and what was still to come ("It's all madness!" -Moose). A wake up time was not even set. The day's totals- about 3300 ft up, 5300 ft down.

Day 5

Woke up at 8am tired but not sleepy. The water pump was useless by this point, and we had to boil water to drink. We lounged around packing up until 10:29, not wanting to do the final marathon out. My blisters were ravaged by the short

3 miles of dry trail down the day before, and were wrapped in copious second skin, spiroflex being useless at that point. Oh boy, time to head down. With my ruined feet, I immediately fell behind. We all met up at the ranger station at 9 miles out, and I immediately fell behind again. I re-wrapped my many new and fewer old blisters in tape and decided faster was less painful than slower, and picked up the pace. A lot...the madness had finally found me. I caught up to Kathy and Jerry at the 5.7 mile marker, and somehow kept up. The rubbing blisters were making me maniacal, and when they had me lead at 3 miles out, I took off hopping over logs and roots across the trail, trying to keep weight off my feet. As we neared civilization, tourists began to clog the trail. Luckily, our smell, speed, size, ice axes and hundred yard stares were usually enough for them to immediately move off the trail. Attempting to let one couple go by without stopping, I pole-vaulted onto a log with my ax; instead of passing, the woman jumped back as if I was a limping seething Quasimodo reincarnate ("Sanctuary!").--Despite the inane questions the foolhardy would toss at us ("are there cascades ahead?", "did you go all the way?"), we flung ourselves into the parking lot at 4:01, covering the final 15.5 miles of the adventure in 5 hours and 32 minutes. We rewarded ourselves by getting overcharged on dinner and beer. We arrived back in Seattle at 12:30 pm, just in time to miss work the next day.

Epilog: *Some trip logistics: 5 days, 49miles, 13000 ft elevation gain and loss, 11 blisters, 1 pair boots for sale, pounds of uneaten melted food, 2.5 lost pairs of socks, one sick day.*

8/11/98

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW MAIL STOP: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ

OR: 1400 E. Mercer st. #4, Seattle, WA 98122

OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

September ECHO staff

Editor: Mark Hicks
Activities/calendar report: Len Kannapell
Input: Elden Altizer
Tom Rogers
Troy Colyer

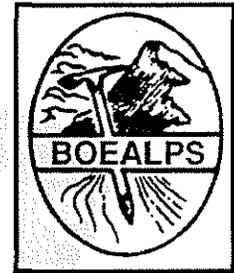
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

October 1998



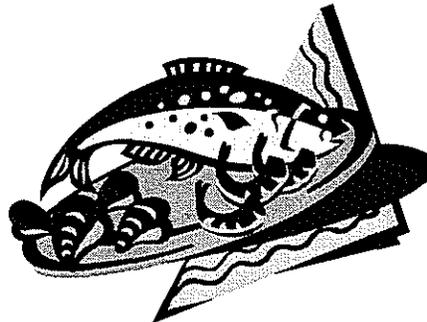
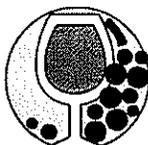
BOEING EMPLOYEES ALPINE SOCIETY

President	Rich Baldwin	11-14 206-544-7580 richard.f.baldwin@boeing.com	Equipment South	Mike Jacobsen	3E-FR 253-657-1438 michael.t.jacobsen@boeing.com
Vice President	Rob Kuntz	43-54 206-655-7645 robert.r.kunz@boeing.com	Central	Silas Wild	206-527-9453 silaswild@yahoo.com
Treasurer	Ed Alejandro	7A-26 425-865-2217 ed.alejandro@boeing.com	North	Andy Roth	OU-48 425-342-1308 andrew.s.roth@boeing.com
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Activities	Len Kannapell	206-361-7523 lpk@hartcrowser.com	Photographer	Shawn Paré	OH-KL 425-342-7134 shawn.m.pare@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Programs	Eric Bennett	OJ-XL 206-579-5016 eric.r.bennett@boeing.com
	Katy Rusho	206-256-1263 katyr@pmiseattle.com	Homepage Editor	Rob James	rob.james@gecm.com
Echo Editor	Mark Hicks	02-JA 425-294-0588 mark.a.hicks@boeing.com	BCAG Recreation	Jake Davis	0F-KA 425-342-8369
Education	Tom Rogers	86-11 253-775-8517 thomas.a.rogers@boeing.com	Home Page	http://www.accessone.com/~boealps	

Photo: Boealpers on Frostbite Ridge, Glacier Peak by Mike Jacobsen

From Elaine Worden 6H-CJ

Boealps Banquet 1998



*This will take place of the
regular General Meeting.*

See Details Inside

BELAY STANCE

Annual Banquet

The time for this year's banquet is upon us. We'll have a new location and more action this time around, so check out the flyer in this issue for details. The deadline for reserving a spot is Friday the 25th. I know this doesn't leave you much time if this is the first you've heard of the banquet, but a simple phone call to Elaine Worden is all it takes if you can't mail your check in time. It should be a lot of fun this year so don't miss out!!

Election Results

The most recent elections at the Rainier Brewery have turned out some new club officers:

President: Rich Baldwin

Vice President: Rob Kunz

Treasurer: Ed Alejandro (2nd term)

Secretary: Tom Yocum

Now Hiring

The following board positions are now available. There is no experience necessary but the pay sucks. However, it's a great way to get involved in the club and meet new club members and climbing partners. Send inquiries to the new President Rich Baldwin.

Programs: This position is responsible for getting speakers for the monthly meetings and other special occasions.

Librarian: This position is responsible for the management of the Boealps library.

Photographer: This position upholds the standards for photography on the Echo cover.

A second Echo editor: This position helps keep the Echos rolling and backs up the editor when he's away.

Conservation: This position reports to the Echo on any environmental or land access issues.

This Issue Includes...

...Ilan's last edition of the breathtaking, suspense riddled Bored Meeting Minutes, Valerie Hagman's account of her venture up Mt. Ruth, Matt Robertson's report on a trip to Canada to climb Mt. Outram and Ilan Angwin curses the inaccessibility of the Pickets with an article on an ascent of West McMillan Spire.

Next Month...

Keep your eye on November's Echo for information on some upcoming General Meeting shows as well as the scoop on the annual cross-country ski trip - it may be moving back to Anderson Lodge at Mt. St. Helens in January/February 1999.

Homepage Password

The password for the homepage is:

SLESSE

This is used when accessing the Activities or Club roster sections of the homepage.

From the desk of your editor,



Mark Hicks

NOVEMBER ECHO DEADLINE IS OCTOBER 22nd



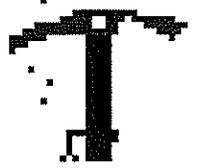
October



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November



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hikes ● scrambles ● ski trips ● climbs

No
One
Advertised
A
Single
Activity.
Get
Off
Your
Duff.

Submit activities to

Len Kannapell
206-324-0055 ext. 4285 (w)
206-361-7523 (h)
lpk@hartcrowser.com

Thank you to everyone who submitted an activity. It's a huge list:

October Activity idea of the month: Mt. Daniel (near Roslyn) - beautiful fall hike to Peggy's Pond and an easy climb - this is a great September/October trip.

Notes from the Activity Chair

Basic Class grads and veterans, we need you - consider some October and November hikes and beach combing in addition to climbs. Members of Boealps would occasionally do an Olympic Coast hike from Shi-Shi beach down to La Push or shorter, so consider those as activities possibilities. Also, look for info in the November *ECHO* for the annual X-country ski trip. Prices have gone up significantly at the Westar Lodge in Wintthrop, so we're looking at going back to the Anderson Lodge at Mt. St. Helens. Details forthcoming! - Len K.

Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____

Phone: (____) _____ (Work)

(____) _____ (Home)

E-Mail: _____

M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell

206-324-0055 (W)

206-361-7523 (H)

LPK@hartcrowser.com

September Board Meeting Minutes

The new board members were introduced and the open board positions were discussed (see below stance).

The possibility of a new position, Boealps historian, was also discussed and a person interested in one of these positions should talk to Rich Baldwin.

The board voted to approve an Agriss Morris by - law and it will be printed in the November Echo.

The traditional winter outing is looking for a new place instead of Winthrop because the price for the facility we used in Winthrop has risen substantially.

Eddie discussed how the club would be conservative with its money for the rest of the year to keep within our budget.

Janet Oliver, although not present, has let it be known that we need to find a replacement for her to run the basic climbing class

Take Care, Ian

A little bit on Spectra slings (Research by Dave McElmurry)

1) Spectra is a tradename of Allied Signal Corp, which makes the fiber. Blue Water is the company that sews it into runners. Kevlar is a tradename of Dupont.

2) Spectra is a thermoplastic, ultra high molecular weight, polyethylene fiber. Kevlar is an Aramid (aromatic polyamides) fiber. While I don't understand most of that, Kevlar and Spectra ARE fundamentally different.

3) From the Blue Water web site: "Titan™ runners are sewn with Spectra® thread for superior strength. Spectra® webbing will not hold a knot and is available only in sewn slings. **Never convert a Titan™ runner into a knotted sling as the knot may slip under very low loads.**"

Kevlar may be tied, but should not be repeatedly flexed (tied), because the fibers are sharp and internal (invisible) abrasion will occur and weaken the cord.

This month's quote:

If the conquest of a great peak brings moments of exultation and bliss, which in the monotonous, materialistic existence of modern times nothing else can approach, it also presents great dangers. It is not the goal of grand alpinisme to face peril, but it is one of the tests one must undergo to deserve the joy of rising for an instant above the state of crawling grubs. On this proud and beautiful mountain we have lived hours of fraternal, warm and exalting nobility. Here for a few days we have ceased to be slaves and have really been men. It is hard to return to servitude.

LIONEL TERRAY



Boealps Annual Banquet



Friday October 2nd, 1998

Tyee Yacht Club on Lake Union
3229 Fairview Ave. E (Eastlake area)

Don't miss out on this great event - we've listened to you, and we've got a few improvements from last year:

- An outdoor deck right on the water, great for socializing
- A hosted bar with all beverages included
- Dancing

Can you beat that? And don't dare forget the fabulous door prizes!

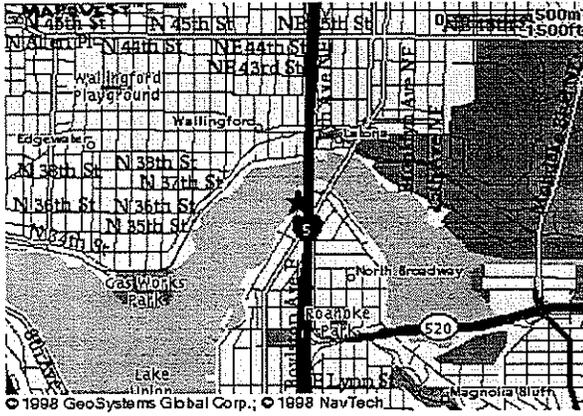
Banquet Speaker - Tom Hargis

Tom Hargis has been around - his first climb was Mt. Rainier at age 12 with Dee Molenaar, and he hasn't stopped since. Tom has climbed four 7000 m peaks in Kyrgyzstan and climbed with Greg Child on the 1st ascent of the NE Ridge of Gasherbrum IV, a 26,000' highly technical rock and ice route. Did we mention speed? Just this summer, Tom completed a Grand Teton Traverse in one day, which includes Mt. Teewinot, Mt. Owen, the Grand, Middle, and South Teton, Gilkey Tower, Spalding Peak, and Cloudveil Dome. And what a lousy job he's got - he guides for Cascade Alpine Guides in the spring and fall, Exum Mountain Guides in Grand Teton National Park in the summer, and the International Mountain Climbing School in N. Conway, New Hampshire for the winter, teach waterfall ice climbing. With this rather impressive resume under his belt, Tom will speak on lessons learned over his years of climbing - guaranteed to be entertaining!

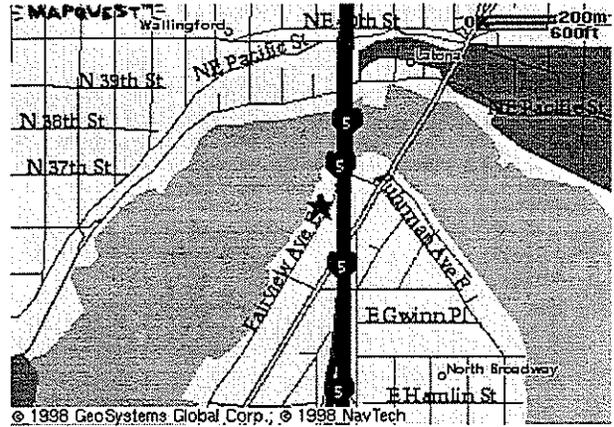
Banquet Schedule

- 6:00 Arrival/social
- 7:00 Buffet dinner
- 8:00 Coffee & dessert - past/new Board, door prizes, etc.
- 9:00 Banquet speaker - Tom Hargis
- 10:00 Dancing
- 11:30 Exit

How do I get there? How do I sign up? Look on the back! ==>>



The big picture



The little picture

Directions (from I-5, heading south)

- Take the NE 45th St. exit and go left (heading east)
- Go two blocks and take a right onto Roosevelt
- Go across the University Bridge and take the first right after the bridge onto Furrman
- Road takes a sharp bend to the left (this is now Fairview Ave. E) and the Tye Yacht Club is on the right - **3229 Fairview Ave. E.** (*parking available on street or the business parking lots after 6pm*)

From I-5, heading north

- Take the Lakeview Blvd. exit (this is north of the Mercer St. exit) and go left at the stop sign
- Go under I-5 (you are now on Bolyston Ave.) and take a right onto Roanoke
- Take a left onto Harvard Ave. and go down the hill
- Just before you go over the University Bridge, take a left onto Furrman
- Road takes a sharp bend to the left (this is now Fairview Ave. E) and the Tye Yacht Club is on the right - **3229 Fairview Ave. E.** (*parking available on street or the business parking lots after 6pm*)

Boealps Banquet Registration Form (*tear along line and return with payment, cash or check*)

Name: _____ Phone (work or home): _____

Mail stop or address: _____

# Member tickets = _____	x	\$26	=	\$ _____
# Guest tickets = _____	x	\$28	=	\$ _____
Total # tickets = _____		Total	=	\$ _____

Please make all checks payable to **Boealps**

Return to: Elaine Worden M/S 6H-CJ (425) 965-0049 (w) elaine.worden@boeing.com
 1400 E. Mercer St. #4
 Seattle, WA 98112

Reserve your place by 1) returning this form (with payment) or 2) contacting Elaine Worden no later than **Friday, September 25th**



Fall Campout



Could the winter monsoons cleanse you of the memory of another great summer? Yes, don't be foolish. But there is one last chance to enjoy the marigold of the maple leaves, the lingering of the larches, and the bohemia of Boealpers - **the Annual Fall Campout!**

- Where:** Eightmile Campground, near Leavenworth.
We will be at the Group Site, on the left as you enter the campground.
- When:** October 9-11, 1998
- Who:** All club members, family, friends
- What:** Rock climbing, hiking, cycling, star gazing, philosophizing, story telling
- How:** Return the attached form by **Thursday, October 1.**
- Remarks:** Sorry about the misinformation last issue - Boealps provides food for the June campout but not for the October shindig. For the culinarily-challenged Boealper, have no fear - plenty of good food and beer at local establishments in town.
- Rules:** A quiet sleeping area will be reserved for members who want an early bedtime to count the sheep or who are catching up on lost sleep. Please ask where it is before setting up your tent. Loud and raucous behavior is applauded but limited to quiet after 10pm. Please note that some people will stay up very late around the campfire, "when the gales of November come early..."

October Campout Response Form

(RSVP by Thursday, Oct. 1)

Name: _____

Number Attending: _____

Would like to help with campout? Yes / No

Send response to: Len Kannapell

Home: 1015 NE 126th St.
Seattle, WA 98125
(206) 361-7523 (h)

E-mail: lpk@hartcrowser.com

(e-mail is the preferred method of contact - just send me the info

above)

RUTH MOUNTAIN

Steve Fox (trip leader), Diane Nelson, Kurt Nelson, Valerie Hagman (author)

I had a job interview coming up on Monday, so I was just a little stressed. I was ranting about the crease I'd just ironed into my silk blouse (and how was I supposed to find a babysitter on such short notice anyway?!) when Tom suggested I take a nice long hike. "Here," he said, "I'll pack for you."

So as he gently shoved me out the door early next morning, I found myself driving to Everett, where we all met and carpoled to the trailhead. At the trailhead, I met two older men wearing wood and canvas backpacks (which I suspect they bought new) and carrying guns. Asking about the guns, they informed me they'd been bear hunting. "They're all over the place up here," they told me. Pointing out that they apparently hadn't got any, they gave me a look that reminded me they had guns. So I hoisted my own backpack and joined the rest of our party heading off up the trail.

The trail is very easy except for one short but steep section. This evidently wasn't steep enough for Steve though, because he had to climb a 150' scree slope that led nowhere, just for the exercise. The trail was free of snow and the steep section gave way to a moonscape of scree, with glacier scraped rock in the distance. The scree was multihued and at first I thought the pink, orange and blue tones were caused by the angle of the sun, but of course this was the only weekend of August that had no sun. The cliffs of Hannegan Peak were so interesting that we stopped to take pictures.

Our original plan had been to summit Ruth, go over the top and camp on the saddle between Ruth and Icy Peak, do Icy Peak and hike out the next day. However, we'd dallied a bit on the approach and decided to camp on the exposed ridge just below Ruth glacier. There were no plants on the ridge except for a very few tufts of heather, and only two small stands of trees (one of which has obviously served as a bathroom for a while).

I was using my tiny one-person Sierra Designs aerodynamic style tent. It was impossible to get the tent stakes into the rocky ground, so I tied the lines to stones and buried those stones under little mounds of more stones (the only material I could find). The wind was picking up now and it was beginning to look like rain. I knew I was with friends then, because Steve and Kurt brought me rocks. Big, heavy rocks. Dropping them at my feet, they said, "Here. You'll need these." Unsentimental perhaps, but I could tell: they cared.

As I tied my little tent to the big rocks, Kurt & Diane offered space in their tent in case, you know, anything should happen to mine. Ever optimistic, I hoped I wouldn't need to take them up on that. We ate and turned in early, and at first everything was fine except for the gusting wind.

Sometimes, when I watch the moon rise in the evenings, I imagine I can feel the earth spinning through space, as she surely does. Tonight I was startled out of sleep with the urgent feeling that I needed to hang on or be flung off the face of the earth. The wind pushed and flattened my tent, pressing the walls against my face. Through the fabric, I could feel the taps of raindrops on my

cheek: hundreds at a time, they came in waves. The hard ground was solid comfort, and there was nothing to do but snuggle down into my sleeping bag and be thankful for big rocks.

Morning wasn't any different from night except that it was daylight. Even so, we couldn't see Ruth through the clouds, and some of the climbers scurrying down from the saddle told us that the poor visibility had made for interesting route finding. So much for our summit attempt. We were packed and outta there pretty quick. Once off the ridge we lost the wind, but the rain followed us all the way out.

The hike out was wet, but unremarkable, except that Diane found an odd item off in the woods. It was a 6-in. diameter, 2-ft. long PVC pipe. Sealed on both ends to conceal something, it had a hand-written message on the side that read: DO NOT DISTURB. GEOLOGICAL FIELD STUDY. There was a name and phone number.

Naturally, I called as soon as I got home, and met the nicest geologist named Dave. He has climbed with Tacoma's Summit Alpine Club, and even knows some Boealps folks. I learned that the PVC pipe we found did not contain a six-pack of beer as we had hoped, but was a cache of tools that Dave uses to study the area. He told me that the whole area we were hiking in is the scene of an ancient volcanic collapse, and he e-mailed the following (printed with permission):

"Valerie- I am mapping ~3.75 million year old volcanic rocks in the Hannegan-Ruth-Icy area. They were evidently deposited during a caldera collapse explosive eruption when granitic magma rose to perhaps 1-2 km beneath the surface. The overlying crust collapsed into the chamber. The sudden depressurization of the magma led to a massive 'blow-out' of volcanic material and left a crater several kilometers in diameter. Oregon's Crater Lake resulted from a caldera collapse- it's the most familiar caldera in North America. I have little evidence to suggest there may have been a lake at the Hannegan Caldera, but it's possible. I have just begun my mapping project and will eventually turn my work into a masters in geology at WWU. That's a ways down the pike.

The caldera rocks are best exposed on the south face of Hannegan Pk. Information on calderas in general should be available in any text on volcanoes.

Dave Tucker"

Pretty cool, huh?

You just never know what you'll find out there.

Mt. Outram

Mt. Outram is described by Fred Beckey as having "the finest assortment of arctic flora in the northern Cascades" - quite a claim, but made by someone who should know. This peak had been recommended to me during a swap of favorite climbing destinations on the top of Mount Dickerman a couple of years back, so this August Maren and I made the trip up to British Columbia to try it ourselves. The trail data sounded good - 6000 feet of elevation gain in 5 miles, and a class 3 scramble to the true summit at 8000+' (although we learned later that the trail had been regraded in 1989, and was now all of 5.5 miles (the 6000' vertical hadn't changed!) - still a steep little puppy!).

Although the peak is in Canada, the trailhead is just off of the Trans-Canada Highway, allowing us to make the drive from Seattle in just 3 hours - no longer than it takes to reach many of the peaks north of Mt. Baker. The trail takes off from the parking lot at the western entrance to Manning Provincial Park - it's hard to miss, with the statue of the giant marmot looking over the highway. Although I gather this is a fairly popular summit, there is no official trailhead sign here - instead, start out on the trail marked "Engineer's Road Loop - 20 minutes". This trail switchbacks twice in forest, then brings you out on the old engineer's road. There is a sign here, but it still has no reference to Mt. Outram. Turn right, and follow the old road for a few minutes, crossing a surprising amount of small blowdown. Up to this point I wasn't convinced we were heading in the right direction, but shortly after the blowdown you come to a trail heading north, and the trailhead marker there finally confirms that you're on the Mt. Outram trail. The start of the trail wanders pleasantly through forest for the first few hundred yards, then starts to get steep. Ridiculously steep! The payoff for the grade, however, is that you reach the high alpine country that much more quickly.

As you climb, you have the opportunity to look south into the North Cascades - Mt. Redoubt crowns the views from here, standing high above anything else south of Mt. Outram. The last running water we came across was around 5900', where the trail crosses a pretty little stream. We stopped here and filled our water bottles, not sure of the water supply higher up. We broke out of the trees around 6000', and could see where the old route headed steeply up the ridge we were on - thankfully, the new regrade took a sidehill switchback here, going through flower meadows (sadly, past their prime this year) and huckleberries galore. Around 6200' we finally found some flat terrain for setting up our tent - there's a small tarn here that still had plenty of water in it, which could have saved us a few pounds of water on the previous 700', had we known for sure it wouldn't be dry. Sunset this day was just after 8:00, and moonset was at 9:30. With no clouds in the sky, the stars were spectacular by the time the sunset glow had disappeared from the mountains.

The next morning we headed towards the summit with light packs, following the large orange arrows painted on the boulders of the scree field leading to the summit shoulder. Now and then we'd pass a boulder with a large number painted on it - it started with a 12, and then began a countdown. We eventually figured out that they were letting us know how many hundreds of feet were left to the summit (and we're concerned about a few bolts here and there)! It took just over an hour to arrive at the false summit, with a wonderful bivy shelter built of rocks perched on top of it. The summit register was here as well, but the Beckey guide stated that the small summit just north of here was the true summit. Up to this point the "climb" had just been a steep walk - to get to the true summit, however, necessitated scrambling down about 30 feet into an erosion dike, up the other side, then down another 30 feet into a second dike

and up to the true summit, all accomplished easily, but carefully. By the time we stood on the summit, some clouds had started blowing in from the south and east, and robbed us of what would undoubtedly have been glorious views. None the less, we admired the small hanging valley on the west flank of the mountain, and had peek-a-boo views down the NE ridge route, and the remnants of the glacier dropping off the north side.

We headed back down to our campsite, running into one of only three people we'd see on this climb. We ate a quick lunch before breaking camp, and chatted with two other day hikers as they walked by our camp heading for the summit. They were the ones who informed us that the trail had been regraded in 1989, adding a half mile to the distance. I can only imagine what it must have been like before the regrade! After breaking camp, we made our way (very slowly) through the huckleberry fields, finally starting to put on a little speed as the clouds that had been blowing in all morning started spitting a few rain drops. All the way down we were reminded of how steeply we had climbed the day before, and our thighs continued to remind us of this for the next couple of days!

-- Matt Robertson, 8/25/98

West McMillan Spire - Southern Pickets

By Ilan Angwin

Climbers: Ilan Angwin, Bill Frans Stephan, Signe Franzen, Greg Gleason

The statistical data on the Picket range didn't really register at first. Only when the five of us were standing at the trailhead only 600 feet above sea level did climbing to 6100 feet with my backpack along unmarked trails did the statistics begin take the form of reality. Despite the daunting statistics our group of five were well prepared for our Labor Day weekend climb of West McMillan Spire. Bill Frans and I had just completed the intermediate climbing class and I was floating on an omnipotent high from climbing the Serpentine Arete on Dragontail last week. Greg and Signe had recently returned from bicycling in Sweden and had been climbing every weekend since their return a month ago. I assumed Bill's friend Stephen was in good shape when he declared we was bringing crampons, five ice screws, and a technical ice axe "just in case he found something fun."

After saying "Hi ya" to another climbing party of two at the trailhead we found the trail behind the last campsite before Goodell Creek. Signe started down the old road and away from the Goodell creek campground at a brisk pace and we all followed. The easy grade of the trail along the old logging road should have made the first 3.5 miles easy. However with all the trees blown down across the trail, several small rocky drainages to cross, and brushy parts the trail was not as easy as it should be.

The trail that should have been easy ended at a small bivy site with a fire ring after crossing a creek with the first and last water source between the trailhead and our campsite. A cairn with a twig sticking out of the middle marked where the hard part of the climb really began up a dry ridge. I could deal with hard because I climbed a 12 pitch technical route last week and before that suffered hiking up the infamously steep switchbacks to Mt. Slesse.

With confident strides I followed the others off the trail that should have been easy and on to the hard trail. At first the hard trail was easy. Although not marked on any maps the path was in better shape than some maintained trails. Signe even commented, "This is easy compared to what I expected." This illusion only lasted up the first hump on the ledge when we had to drop down on the other side only to drop even more elevation on a rambling downward traverse along the top of another hump before the trail began climbing again.

As the sun began to find its way through the branches the trail became less of a trail and more of a bushwhack as we followed red and orange blazes on trees and bushes. This continued to a small boulder field where Greg informed us that Becky said the trail becomes steep after going around the boulders on the left. For once I hoped Becky was wrong. The trail did get steeper and my hands became sticky with sap from the pushing tree branches out of my face and my legs were getting the first of many small cuts from the brush below. This terrain didn't stop and neither did we until we broke out of the trees and into the upper meadows at 4800 feet. The hard trail was not hard, but brutal. I was tired and sipped a little of my dwindling water supply and ate the first of many excellent blueberries in the meadow. I wanted a mellow climbing trip after finishing the intermediate class. This was harder than anything else from a full climbing summer.

In our search for blueberries as we traversed heather benches someone pointed out some bear scat. Someone else looked up a second later and pointed out the black bear running up the slope ahead of us.

After traversing a short distance and crossing a gully along a well worn path through the heather, the trail climbed for a while before dropping down (again) into a larger gully and then up the gully above the last trees but below the cliffs. Here we climbed out of the gully for an expected easy 1.2 miles along heather benches to the obvious notch in the spur ridge.

The trail still rose and fell as we worked our way cross country, sometimes on a trail, and sometimes tromping through heather and sometimes scrambling around rock outcroppings. The whole way we could see the notch on the horizon and when we stood on top of it we could see our campsite down below next to the first running water we has seen since the brutal trail began. The only thing between some rest and us was a steep slope of scree and loose rock. Cursing at this point, one person at a time descended down to camp.

After a nice evening of rest and some dinner we went to bed after agreeing to a relatively late start of 6 AM because it was only three hours from our camp to the top according to Becky. That night the moon was shining so bright we could see the whole route from top to bottom by moonlight but we woke up a half-hour late because it was hard to sleep with the lights on. Greg and Signe had a particularly difficult night after sharing the same bivy bag all night because they were cold and had left sleeping bags at home to save weight. Be forewarned that a bivy bag with two people will generally not close completely.

Although the mountain looked close, we didn't take into consideration dropping another 500 feet to cross a deep gully and then some more traversing before beginning to actually climb. When we reached the snow Stephen with crampons cut steps for the rest of us who didn't bring any. Before the snow became too steep we scrambled up on more scree next to the snow to the notch between McMillan Spire and Inspiration Peak. From there we scrambled up to the top. Three and a half hours after leaving base camp we were eating lunch on top and looking in awe at the rugged Picket Range. After all the hard work to get to this spot we were only on the edge of this range. Stephen commented that some people think the remotest place in Washington was one of the spires to the west of Mt. Fury and north of our observation point.

After making excuses about carrying our ropes, harnesses, and a very small alpine rack from 600 feet to the summit at 7,992 feet without using them we started the long decent down. Stephen and Bill stopped at the notch to climb the small pinnacles between Inspiration and McMillan Spires. They found some mid 5th class climbs on to the top of these pinnacles. They had time to climb two of the three. After watching them until we couldn't see them anymore the rest of us continued down the mountain. Going the opposite way was no easier than climbing up to the top. We had to climb down the same gully of loose scree and rocks to the snow and then down 500 feet below our camp and up again to camp. We did find a high bench to follow back to camp that made the return trip to base camp a little easier.

Back at camp we enjoyed a cup of coffee made with mountain water direct from the source and watched the alpine meadow grasses blow in the afternoon breeze. I began to take extra care to avoid stepping on the heather that clung to the shores of the little stream going by our camp.

The hike out followed the same path in and we took almost as much time hiking out as going in. We arrived at the trailhead and immediately numbed our aching feet in the icy water of Goodell creek. Standing in the creek trying to numb the pain of my crushed toes any sense of omnipotence faded away.

BOEALPS MEMBERSHIP ROSTER

OCTOBER 1998

NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
AARON, JOHN W	(253) 630-7381	12105 SE 216TH ST	KENT	WA	98031	(425) 234-2699	67 FE
ABBOTT, JOSEPH B	(206) 242-3811	17708 50TH CT SOUTH	SEATTLE	WA	98188	(425) 882-8080	
ACORD, ROBERT W	(425) 255-7215	1720 PIERCE AVE SE	RENTON	WA	98058	(206) 655-5883	1W 03
ADAM, PATRICK M	(425) 423-0749	8106 53RD AVE W #H	MUKILTEO	WA	98275	(206) 386-0825	0P 27
ADELSON, JEREMY	(206) 720-1261	1007 32ND AVE E #B	SEATTLE	WA	98112	(425) 477-3242	4X 59
ADKINS, MARK C	(425) 513-2727	5527 COLLEGE AVE	EVERETT	WA	98203		
AHLEN, ANNA M	(206) 729-8366	743 NE 56TH ST	SEATTLE	WA	98105	(425) 294-4521	03 19
ALEJANDRO, EDWARD A	(425) 271-4931	6402 108TH AVE SE	NEWCASTLE	WA	98056	(425) 865-2217	7J 04
ALLEN, PETER	(206) 328-1437	3306 16TH AVE S	SEATTLE	WA	98144	(206) 655-5409	4F 03
ALLEN, RYAN C	(206) 286-9554	111 ALOHA ST #1	SEATTLE	WA	98109	(206) 956-3524	
ALTIZER, ELDEN	(425) 643-5175	5639 126TH AVE SE	BELLEVUE	WA	98006	(425) 342-0157	0H 19
ANDERSON, ERIK B	(425) 232-8908	5655 EAST MERCER WAY	MERCER ISLAND	WA	98040	(425) 234-1770	68 19
ANDERSON, LOWELL	(206) 772-6284	8225 S 128TH ST	SEATTLE	WA	98178		
ANDERSON, MICHAEL B		17650 134TH AVE SE #E306	RENTON	WA	98058	(425) 234-7523	69 92
ANGWIN, ILAN G	(206) 547-4340	1615 N 35TH ST	SEATTLE	WA	98103	(425) 266-9038	06 03
ARENS, MARY ANN	(253) 952-3578	32219 16TH PL SW	FEDERAL WAY	WA	98023		
ARENS, WILLIAM J	(253) 952-3518	32219 16TH PL SW	FEDERAL WAY	WA	98023	(253) 931-4554	5H 73
ARNOLD, JEFFREY	(253) 859-8768	3314 S 261ST PL	KENT	WA	98032	(206) 662-2772	4C 54
BAAL, ALLEN	(206) 781-2382	756 N 74TH ST	SEATTLE	WA	98103	(425) 266-3551	0T 04
BAILEY, JENNY	(425) 788-7154	18515 NE 186TH ST	WOODINVILLE	WA	98072	(425) 294-0782	
BAILEY, MARK T	(425) 788-7154	18515 NE 186TH ST	WOODINVILLE	WA	98072	(425) 294-0782	02 KU
BAILEY, PATRICIA S		6319 SIXTH AVE NE	SEATTLE	WA	98115	(425) 237-8268	92 20
BAILLIE, JERRY	(206) 283-6870	1120 W WHEELER ST	SEATTLE	WA	98119	(206) 662-1516	43 19
BAILLIE, KATHY	(206) 283-6870	1120 W WHEELER ST	SEATTLE	WA	98119		
BALDWIN, RICHARD F	(206) 439-1638	14224 55TH AVE S	TUKWILA	WA	98188	(206) 544-7580	2M 14
BARRON, DEAN	(425) 868-8001	2932 229TH PL NE	REDMOND	WA	98053	(206) 662-0050	4A 38
BAUCK, TODD	(303) 750-1915	2685 S DAYTON WAY #304	DENVER	CO	80231		AG 00
BAUERMEISTER, WALTER	(206) 232-5697	8320 AVALON DR	MERCER IS	WA	98040		
BECKEY, FRED		15002 NINTH PL NE	SEATTLE	WA	98155		
BEEEMSTER, TRACY L	(425) 486-2000	10223 NE 198TH	BOTHELL	WA	98011	(425) 486-2000	
BENNETT, ERIC R	(425) 742-4706	3315 133RD ST SW #105	LYNNWOOD	WA	98037	(425) 294-2530	0J XL
BINGLE, MIKE	(206) 935-3992	5444 37 AVE SW	SEATTLE	WA	98126	(206) 662-4929	19 MH
BINGO, T DOREEN	(206) 985-2541	1305 NE 70TH ST	SEATTLE	WA	98115	(206) 662-4403	19 MP
BITTNER, AMBROSE	(206) 547-5991	4016 EIGHTH AVE NE #303	SEATTLE	WA	98105	(206) 324-0055	
BOLTON, BERNIE B	(206) 542-3469	19604 14TH AVE NW	SHORELINE	WA	98177	(206) 655-0253	4F 50
BOWER, RICK T	(425) 254-9647	408 MONROE AVE NE #106	RENTON	WA	98056	(425) 237-9918	9W CF
BRADY, MIKE	(206) 938-8074	3042 37TH AVE SW	SEATTLE	WA	98126		
BRANDIS, HENRY	(206) 367-0847	14285 SHERWOOD ROAD NW	SEATTLE	WA	98177	(206) 662-2453	43 41
BRENDEMIHL, FRITZ	(425) 277-3327	2116 HIGH AVE NE	RENTON	WA	98056	(425) 237-5236	67 62
Brinton, RUSSELL S	(253) 759-0824	3206 N EIGHTH ST	TACOMA	WA	98406	(206) 655-6146	4T 52
BROWN, BRADLEY C	(253) 627-6131	401 E 26TH ST #3	TACOMA	WA	98421	(253) 351-5505	5T 51
BROWN, GREGORY G	(425) 775-1708	4510 216TH ST SW #D	MOUNTLAKE	WA	98043	(206) 544-8067	14 KA
BROWNELL, MARGARET	(425) 454-0189	2610 98TH AVE NE	BELLEVUE	WA	98004	(425) 234-0394	6C 74
BURBAGE, SCOTT M	(206) 522-2406	8911 12TH AVE NE	SEATTLE	WA	98115	(425) 266-9835	06 KH
BURROWS, ADRIAN P	(425) 828-2676	11206 NE 68TH ST #221	KIRKLAND	WA	98033	(425) 237-5224	67 65
CAMPBELL, TODD K	(253) 941-3051	28712 41ST AVE S	AUBURN	WA	98001	(253) 773-0997	8J 74
CARROLL, SARAH J	(253) 630-6181	31010 EAST LAKE MORTON DR SE	KENT	WA	98042	(206) 655-8265	14 77
CHANDLER, STACIE M	(425) 222-4999	28515 SE 41ST ST	FALL CITY	WA	98024	(425) 266-9227	08 AF
CHAPLIN, CAREY	(206) 365-8858	349 NW 113TH PL	SEATTLE	WA	98177	(206) 655-8769	45 11
CHIOFAR, CHARLES	(360) 829-2048	PO BOX 1409	BUCKLEY	WA	98321	(253) 931-2166	5L 14
CHRISTIAN, JUDY	(206) 706-4052	308-1/2 NW 67TH ST	SEATTLE	WA	98117	(425) 882-8080	
CLARE, JOSEPH	(206) 729-1487	3401 NE 65TH #102	SEATTLE	WA	98115	(425) 827-7701	
CLOW, SCOTT	(253) 946-1380	5313 SOUTH 301ST CT	AUBURN	WA	98001	(425) 393-8458	3M 17
COLE, DONNA J	(425) 432-6281	22610 186TH AVE SE	RENTON	WA	98058		
COLE, GARY E	(425) 432-6281	22610 186TH AVE SE	RENTON	WA	98058	(206) 662-7915	20 80
COLLERAN, CHRIS	(253) 471-2692	3848 TACOMA AVE S	TACOMA	WA	98408	(253) 846-4419	52 43
COLLINS, RAYMOND F	(206) 248-2709	11222 27TH AVE SW	SEATTLE	WA	98146		
COLYER, CHRISTOPHER TROY	(206) 770-7294	1414 SENECA ST #306	SEATTLE	WA	98101	(253) 773-5273	8R 35
CONDER, BOB	(206) 526-2970	3047 NE 98TH ST	SEATTLE	WA	98115	(425) 234-6099	6C JF
CONDER, TAMMIE	(206) 526-2970	3047 NE 98TH ST	SEATTLE	WA	98115		
COSTELLO, DANIEL	(206) 679-0105	4320 AURORA AVE N #201	SEATTLE	WA	98103	(425) 717-4495	0A 05
CRAIG, BRENT F	(425) 787-2469	15114 MANOR WAY	LYNNWOOD	WA	98037	(425) 342-6524	0W PC
CRAMER, REBECCA N	(360) 802-0674	2150 PORTER ST APT F	ENUMCLAW	WA	98022	(425) 234-9117	6C KH
CREEDEN, DAVE	(425) 334-2266	12316 WILLIAMS ROAD	EVERETT	WA	98205	(425) 266-5026	04 AF
CROMPTON, HARVEY J		40 ST. LUKES ROAD	BLACKPOOL	LANCASHIRE	FY4 2EJ		
DAVIES, LAURIS	(206) 784-5203	319 N 74TH ST	SEATTLE	WA	98103	(206) 553-2857	
DAVIS, DAN	(206) 284-1588	3222 30TH AVE W	SEATTLE	WA	98199		
DAVIS, JAKE (RECREATION)						(425) 342-5000	0F KA
DEGER, MATTHEW G	(206) 985-1707	6522 FOURTH AVE NE #35	SEATTLE	WA	98115	(206) 662-2850	4T 79
DELLARCO, DAVID J	(206) 784-5203	319 N 74TH ST	SEATTLE	WA	98103	(206) 553-4978	
DOVEY, DON J	(206) 547-8993	1722 N 45TH ST #2	SEATTLE	WA	98103	(253) 657-3304	82 04
DOWNS, KENNY M	(253) 891-1380	16511 38TH ST E	SUMNER	WA	98390	(253) 931-6407	5F 11
DRYDEN, ROBERT	(206) 938-4526	9038 30TH AVE SW	SEATTLE	WA	98126		
EDGAR, STEVEN R	(206) 285-6864	1946 SIXTH AVE W	SEATTLE	WA	98119	(425) 227-2025	6Y 01

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NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
EGGOLD, DAVID P	(425) 347-9174	328 TAMARACK DR	EVERETT	WA	98203	(425) 342-0904	03 RA
ERIE, ALLEN	(425) 254-1529	6625 109TH PL SE	NEWCASTLE	WA	98056	(206) 663-1326	96 04
ESTEP, STEPHEN	(206) 935-7181	3808 45TH AVE SW	SEATTLE	WA	98116	(206) 645-6886	50 50
EWING, KAREN S	(425) 483-5633	19612 109TH PL NE	BOTHELL	WA	98011		
EWING, PATRICK D	(425) 483-5633	19612 109TH PL NE	BOTHELL	WA	98011	(425) 237-9222	70 95
FAHLSTROM, DAVID	(206) 361-0290	16860 HAMLIN RD NE	SEATTLE	WA	98155		
FARKAS, JAMES W	(206) 784-3375	139 NW 78TH ST	SEATTLE	WA	98117	(253) 773-3414	8Y 96
FAULKNER, DWIGHT D	(425) 821-4268	8624 NE 126TH PL	KIRKLAND	WA	98034	(206) 662-3117	4T 15
FAY, DENNIS	(425) 271-1145	3501 NE 8TH ST	RENTON	WA	98056	(425) 965-0610	70 04
FENSTRA, JOHN	(425) 483-1069	22911 101ST AVE SE	WOODINVILLE	WA	98072	(425) 342-8356	06 17
FENSTRA, LISA	(425) 483-1069	22911 101ST AVE SE	WOODINVILLE	WA	98072		
FISH, DAVID	(425) 868-2915	22405 NE 20TH ST	REDMOND	WA	98053	(206) 433-0199	
FLECK, RONALD K	(425) 255-7403	1700 FIELD AVE NE	RENTON	WA	98059	(253) 657-3413	87 85
FOGLER, DONALD L	(253) 852-7449	5736 SOUTH 238TH CT #E3	KENT	WA	98032	(253) 773-7413	8K 85
FOSBERG, JOHN T	(425) 778-3026	3525 227TH ST SW	BRIER	WA	98036	(425) 342-5759	0H 00
FOSBERG, KIRSTIN A	(425) 778-3026	3525 227TH ST SW	BRIER	WA	98036		
FOX, STEVEN	(425) 353-9508	120 SE EVERETT MALL WAY #426	EVERETT	WA	98208	(425) 266-8878	08 AF
FRANK, MICHAEL	(206) 784-3012	644 NW 82ND ST	SEATTLE	WA	98117	(253) 657-0258	3C LX
FRANS, WILLIAM R	(206) 528-2115	740 NE 56TH ST	SEATTLE	WA	98155	(425) 294-1171	05 KJ
FRANZEN, SIGNE M	(206) 935-6485	2742 46TH AVE SW	SEATTLE	WA	98116	(206) 676-2373	
FROSTAD, SCOTT	(206) 783-7378	736 N 98TH ST	SEATTLE	WA	98103	(206) 662-7314	20 87
FUKUDA, DEREK Y	(425) 643-2784	4517 140TH AVE SE	BELLEVUE	WA	98006	(425) 266-6022	02 UE
FURNEY, LINDA G	(206) 325-3756	2350 MINOR AVE E	SEATTLE	WA	98102	(425) 393-1155	4X 57
FURUGLYAS, MITCHELL J	(206) 783-3294	6520 THIRD AVE NW	SEATTLE	WA	98117	(425) 342-6446	0R LX
GARRETT, JANN	(425) 379-2739	10522 30TH DR SE	EVERETT	WA	98208	(425) 266-3970	02 56
GARRETT, WILLIAM	(425) 379-2739	10522 30TH DR SE	EVERETT	WA	98208	(425) 266-8133	0A 05
GASTELUM, DAVID	(425) 432-3607	21237 SE 280TH ST	MAPLE VALLEY	WA	98038	(253) 657-9889	3W 85
GILBERTSON, TODD		307 PABLO ROAD	PONTE VEDRA	FL	32082	(904) 280-8548	
GILMOUR, RAYMOND	(206) 860-9271	2219 MINOR AVE E #102	SEATTLE	WA	98102	(425) 342-0062	04 JJ
GOERING, DANIEL J	(206) 364-6783	15002 9TH PL NE	SEATTLE	WA	98155	(425) 717-2289	03 RA
GOODMAN, DONALD J	(425) 452-9589	1657 105TH AVE SE	BELLEVUE	WA	98004	(425) 234-6527	76 66
GORREMAN, GARY	(425) 485-6134	16619 NE 180TH PL	WOODINVILLE	WA	98072	(425) 957-5576	7J 09
GOWAN, JOHN J	(425) 774-4792	22206 48TH AVE W	MONTLAKE	WA	98043	(425) 266-1624	39 TA
GRAFF, PETE M	(206) 547-8359	3629 CARR PL N	SEATTLE	WA	98103	(425) 266-9277	0A 20
GREENFIELD, JIM	(425) 226-7231	14336 SE 163RD ST	RENTON	WA	98058		
GROB, JACOB W	(253) 813-3809	5408 S 236TH ST	KENT	WA	98032	(253) 657-3863	8Y 57
GRONAU, CHRIS	(425) 672-9259	23404 EDMONDS WAY #E304	EDMONDS	WA	98026	(425) 965-6436	6M HJ
GRONAU, WILLIAM F	(425) 776-7397	18119 80TH AVE W	EDMONDS	WA	98026	(425) 342-4099	0Y 26
GROOTEMAN, JOHANNES P	(425) 348-9746	11108 CHENNAULT BEACH RD #126	MUKILTEO	WA	98275	(425) 717-6045	08 AF
GRUBENHOFF, MARK (SAM)	(253) 735-2739	402 F ST SE	AUBURN	WA	98002	(253) 931-9302	5K 47
GRUNERUD, DAVID A	(360) 387-3793	518 N WAYNES RIDGE CIRCLE	CAMANO ISLAND	WA	98292	(425) 294-6719	0K 88
GRYMEK, WALTER W	(425) 204-9623	10411 SE 174TH ST #3435	RENTON	WA	98055	(425) 965-0112	9W AJ
HAGMAN, VALERIE J	(206) 937-2952	5922 36TH AVE SW	SEATTLE	WA	98126	(253) 931-4130	
HAHNE, EDWARD H	(425) 744-1267	8605 244TH ST SW #F	EDMONDS	WA	98026	(425) 342-0718	03 RA
HAILE, DANICA R	(206) 729-3435	8501 FIFTH AVE NE #304	SEATTLE	WA	98115	(425) 294-7176	07 31
HAJIRI, HITOSHI	(425) 349-3459	4500 HARBOUR POINTE BLVD. #336	MUKILTEO	WA	98275	(425) 717-2515	03 KR
HANSEN, KARYL	(817) 922-8291	3909 SARITA DR	FT WORTH	TX	76109	(817) 777-3355	
HARDWICK, ROBERT	(206) 285-2721	2415 SECOND AVE N	SEATTLE	WA	98109	(425) 294-5610	02 56
HARJU, MARK A	(206) 542-9639	710 N 160TH ST #B303	SHORELINE	WA	98133	(425) 294-3009	06 00
HARP, SUSAN P	(425) 861-0858	13017 176TH PL NE	REDMOND	WA	98052		
HARPER, KEN R	(425) 338-4138	3318 153RD PLACE SE	MILL CREEK	WA	98012	(425) 258-7183	
HARRIS, JANET	(425) 938-3550	7575 44TH AVE SW	SEATTLE	WA	98136	(425) 614-2345	
HARRISON, WILLIAM L	(206) 633-1220	3721 MERIDIAN AVE N	SEATTLE	WA	98103	(206) 662-2487	43 37
HEHN, GARY E	(253) 859-3874	934 E LAUREL	KENT	WA	98031	(425) 237-3931	6C LK
HEIDAL, PATRICK D	(206) 935-0660	1615 44TH AVE SW	SEATTLE	WA	98116	(425) 373-9655	4X 59
HEIDEL, MARK C	(253) 631-6786	24904 183RD PL SE	KENT	WA	98042	(206) 662-6383	36 20
HELLENSTELL, MARK	(360) 579-8633	3996 E BAILEY RD	CLINTON	WA	98236	(425) 717-2108	0R 01
HELSEL, MARK P	(206) 517-4861	9425 35TH AVE NE #210	SEATTLE	WA	98115	(206) 623-7055	
HICKS, MARK A	(425) 787-2469	15114 MANOR WAY	LYNNWOOD	WA	98037	(425) 294-0588	02 JA
HILL, TERENCE A	(425) 254-3503	600 SW FIFTH COURT #L105	RENTON	WA	98055		4C 40
HIRABAYASHI, KATHY H	(206) 527-5281	6619 ROOSEVELT WAY NE #208	SEATTLE	WA	98115	(425) 814-5487	
HOLLINGSWORTH, JEFF	(253) 631-8979	18723 SE 268TH ST	KENT	WA	98042	(425) 557-4480	
HOLLOWAY, JOYCE R	(425) 888-4434	15704 451ST AVE SE	NORTH BEND	WA	98045	(425) 477-4393	6F 06
HOPPING, KENNETH A	(425) 861-1762	4117 145TH AVE NE	BELLEVUE	WA	98007	(253) 773-9071	3E 28
HOWARD, DAN J	(425) 823-0767	10928 NE 117TH PL	KIRKLAND	WA	98034	(425) 266-3018	07 31
HUDSON, TIM	(206) 935-4378	6737 38TH AVE SW	SEATTLE	WA	98126	(206) 655-6807	
HUEBNER, JACK	(425) 228-1837	432 SMITHERS AVE S	RENTON	WA	98055	(425) 965-5991	6H CE
HUSE, CRAIG	(425) 338-0359	11000 16TH AVE SE #1306	EVERETT	WA	98208		0J 81
HUTTO, FREDERICK M	(425) 357-1029	14032 59TH AVE SE	EVERETT	WA	98208	(425) 717-2551	04 AP
ILLI, ERIKA	(206) 674-7130	2401 SW HOLDEN ST #M105	SEATTLE	WA	98106	(253) 773-9783	86 11
IOANA, BOGDAN	(425) 349-1239	4500 HARBOR POINT BLVD #338	MUKILTEO	WA	98275	(425) 717-3900	0M FF
IOANA, CRISTINA	(425) 349-1239	4500 HARBOR POINT BLVD #338	MUKILTEO	WA	98275		
JACKSON, TIM	(253) 529-0423	26905 9TH AVE S	DES MOINES	WA	98198	(206) 655-1968	18 21
JACOBSEN, JULIE	(425) 255-3428	11723 SE 167TH ST	RENTON	WA	98058		

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NAME	HOME PHONE	STREET ADDRESS	CITY	ST	ZIP	WORK PHONE	M/S
JACOBSEN, MICHAEL T	(425) 255-3428	PO BOX 59322 (11723 SE 167TH ST)	RENTON	WA	98058	(253) 657-1438	3E FR
JAHNS, THOMAS R	(206) 243-8770	12706 MILITARY RD	SEATTLE	WA	98168	(425) 234-1664	9W 35
JAMES, CATHY	(425) 861-0455	9722 159TH PLACE NE	REDMOND	WA	98052		
JAMES, ROBERT	(425) 861-0455	9722 159TH PLACE NE	REDMOND	WA	98052	(206) 544-3033	
JOHNS, SUKHUI	(425) 254-1529	6625 109TH PL SE	NEWCASTLE	WA	98056		
JOHNSON, KEN	(206) 361-7523	1015 NE 126TH ST	SEATTLE	WA	98125	(425) 266-7659	0U 31
JOLLY, MARTY B	(253) 852-7924	19801 104 AVE SE	RENTON	WA	98055	(206) 655-4400	4C 17
KAAS, KEVIN L	(253) 631-4434	13012 SE 277TH PL	KENT	WA	98031	(425) 234-1056	6C MM
KAISER-PARE, PAMELA	(425) 483-0548	2625 169TH ST SE	BOTHELL	WA	98012	(425) 266-9427	08 26
KANNAPPELL, LEONARD P	(206) 361-7523	1015 NE 126TH ST	SEATTLE	WA	98125	(206) 324-0055	
KASJULIS, ERICK	(425) 641-9653	12239 SE 61ST ST	BELLEVUE	WA	98006	(800) 569-0123	
KELEHER, ANDREW P	(425) 787-0727	15517 40TH AVE W #B208	LYNNWOOD	WA	98037	(425) 342-1320	07 30
KELLER, ROBERT T	(425) 271-9762	11128 SE 168TH ST	RENTON	WA	98055	(206) 655-7105	4E 09
KENISON, BRIAN W	(253) 852-2981	1212 E LAUREL ST	KENT	WA	98031	(206) 544-0545	2T 40
KINSELLA, CHRIS J	(206) 726-9730	522 LAKESIDE AVE S #4	SEATTLE	WA	98144	(425) 717-0604	02 CX
KIRBY, J	(503) 241-4837	228 NW 22ND AVE #308	PORTLAND	OR	97210		
KNESS, STEVE	(253) 838-3860	32320 SECOND AVE SW	FEDERAL WAY	WA	98023	(206) 544-1904	42 97
KNIEVEL, JEREMY R	(206) 706-1227	9532 DAYTON AVE N	SEATTLE	WA	98103	(425) 342-2147	04 JJ
KOBLE, JEFF A	(360) 403-9266	16929 JIM CREEK ROAD	ARLINGTON	WA	98223	(425) 266-9494	0T 02
KOEHLER, ERICH	(253) 588-9803	9010 25TH AVE CT S	TACOMA	WA	98409	(253) 773-0714	3E 73
KONGORSKI, KENNETH D	(425) 489-0788	12716 NE 200TH PLACE	BOTHELL	WA	98011	(425) 743-8139	
KOURY, AL	(206) 365-8516	14036 17TH AVE NE	SEATTLE	WA	98125		
KRENZER, RANDY	(425) 235-8812	17844 156TH PLACE SE	RENTON	WA	98058	(425) 477-3852	6E 14
KRENZER, VIRGINIA	(425) 235-8812	17844 156TH PL SE	RENTON	WA	98058		
KRUEGER, LEE R	(425) 868-3924	21312 NE 10TH PL	REDMOND	WA	98053	(425) 234-3407	67 MW
KRUTCKOFF, TONJA K	(425) 227-6335	18029 143RD AVE SE	RENTON	WA	98058	(206) 655-8434	1W 82
KUHR, DEREK S	(206) 285-3716	2205 BIGELOW AVE N #4	SEATTLE	WA	98109	(425) 266-9482	02 91
KUJPER, MARILYN A	(425) 401-9432	3540 LAKE WASH. BLVD SE #212	BELLEVUE	WA	98006	(206) 544-8423	2L 02
KULSETH, GREGORY T	(206) 542-2136	19316 1ST AVE NW	SHORELINE	WA	98177	(425) 294-8797	0X 62
KUNZ, ROBERT	(206) 933-8778	4540 45TH AVE SW #406	SEATTLE	WA	98116	(206) 665-7645	43 54
LARSON, DAVID E	(253) 370-4076	1841 31ST AVE SE	PUYALLUP	WA	98374	(206) 544-0594	2F 32
LAW, GUY	(425) 392-3504	16514 TIGER MTN RD SE	ISSAQUAH	WA	98027	(206) 544-8522	2J 58
LAWRENSON, ANDREW J	(206) 248-1877	11441 MILITARY ROAD S	SEATTLE	WA	98168	(206) 665-9126	4T 48
LEIBFRIED, LISA	(425) 255-8815	10308 179TH AVE NE	REDMOND	WA	98052	(253) 657-0662	3A KP
LEICESTER, JACK	(206) 546-2770	1837 N 200TH ST	SEATTLE	WA	98133		
LIEBERMAN, SARAH B	(206) 860-4362	730 E OLIVE ST	SEATTLE	WA	98122	(253) 773-7940	85 13
LIXVAR, JOHN	(425) 255-4754	15638 SE 175TH ST	RENTON	WA	98058	(425) 865-3783	7L 20
LOCKE, SUMMER	(425) 255-7635	18029 143RD AVE SE	RENTON	WA	98058	(253) 773-9222	8C 80
LOEWENHERZ, CARRIE A	(206) 324-4087	2324 E WARD ST	SEATTLE	WA	98112	(425) 266-9750	0H 29
LOFTUS, MARK	(206) 248-0457	16207 EIGHTH AVE S	SEATAC	WA	98148	(253) 773-5945	3E 73
LOGAN, ALAN	(425) 750-5060	10924 MUKILTEO SPDWY #118	MUKILTEO	WA	98275	(425) 342-1935	0P 12
LOPEZ, WILFREDO L	(253) 473-4933	1715 S 44TH ST	TACOMA	WA	98408	(425) 237-2820	92 98
LYTTLE, DAVID W	(206) 243-1684	16603 21ST AVE SW	SEATTLE	WA	98166	(206) 544-0264	19 38
MARSHALL, DEREK	(425) 883-6354	13336 NE 55TH PL	BELLEVUE	WA	98005	(425) 717-1416	05 ML
MARSHALL, JEAN	(425) 883-6354	13336 NE 55TH PL	BELLEVUE	WA	98005		
MARTINEZ, FEDERICO	(206) 324-3973	1711 BELLEVUE AVE #302	SEATTLE	WA	98122	(206) 544-1435	49 53
MASCHOFF, KRISTYN	(206) 784-3012	644 NW 82ND ST	SEATTLE	WA	98117	(206) 325-0800	
MAUK, TIMOTHY P	(206) 522-5081	8012 36TH AVE NE	SEATTLE	WA	98115	(253) 773-3017	8Y 96
MCCARTHY, JEANICE M	(425) 556-6855	11204 184TH PLACE NE #C3107	REDMOND	WA	98052	(425) 234-3864	
MCELMURRY, DAVE R	(253) 813-8740	11429 SE 284TH ST	KENT	WA	98031	(206) 662-3130	42 97
MCGUFFIN, MICHAEL	(206) 524-1155	4710 35TH AVE NE	SEATTLE	WA	98105	(206) 524-1155	
MCGUIRE, TIMOTHY N		22835 135TH AVE SE	KENT	WA	98042	(425) 237-2737	9W AE
MCMULLEN, BRADLEY T	(206) 527-4932	6644 EAST GREENLAKE WAY N	SEATTLE	WA	98103	(425) 234-5864	75 14
MENZER, ART	(206) 533-9147	19710 SIXTH PL NW	SHORELINE	WA	98177	(206) 358-7123	
MENZER, KIM	(206) 533-9147	19710 SIXTH PL NW	SHORELINE	WA	98177		
MICHELSON, PAUL	(425) 432-3566	27737 215TH AVE SE	KENT	WA	98042	(206) 662-3293	43 30
MIELE, PATRICIA	(425) 277-8038	19914 SE 125TH ST	ISSAQUAH	WA	98027		
MIKOS, JASON P	(253) 886-0929	29121 236TH AVE SE	BLACK DIAMOND	WA	98010		
MIKOS, JOHN V	(253) 886-0929	29121 236TH AVE SE	BLACK DIAMOND	WA	98010	(425) 237-3644	73 31
MITCHELL, MATHEW E	(206) 275-3705	9038 59TH ST	SEATTLE	WA	98040	(206) 655-3278	41 14
MITCHELL, MICHAEL E	(425) 787-2014	15723 40TH AVE W #F106	LYNNWOOD	WA	98037	(425) 342-4717	0W 15
MIXON, MICHAEL A	(253) 848-6457	12803 131ST AVE CT E	PUYALLUP	WA	98374	(206) 655-3406	4E 49
MONDRZYK, ROBERT J	(425) 432-9578	23805 SE 208TH	MAPLE VALLEY	WA	98038		
MOORMAN, STEVEN B	(206) 870-7702	24324 MILITARY RD S	KENT	WA	98032	(206) 662-8312	20 04
MUFFLY, GERARD R	(425) 334-2182	1701 CRESWELL ROAD	SNOHOMISH	WA	98290	(425) 342-1798	0F 15
MUNOZ, PAUL D	(253) 859-9426	10818 SE 232ND PLACE	KENT	WA	98031	(425) 237-4154	6X UK
MURPHY, DAN	(206) 782-2395	7750 27TH AVE NW	SEATTLE	WA	98117	(206) 655-7743	4E 55
NAGODE, STEVEN	(253) 941-5629	1108 SW 310TH ST	FEDERAL WAY	WA	98023	(253) 891-2577	
NAUGHTON, HEATHER J	(206) 244-8958	3430 S 164TH ST	SEATTLE	WA	98188	(253) 657-2516	3E FM
NELSON, DIANE	(253) 859-5746	4629 KENT CT	KENT	WA	98032	(425) 237-1606	61 05
NELSON, KELLY T	(206) 241-1144	17806 50TH COURT S	SEATAC	WA	98188	(253) 773-9456	8W 01
NELSON, KURT	(253) 859-5746	4629 KENT CT	KENT	WA	98032		
NELSON, MAREN	(425) 822-0455	6509 114TH AVE NE	KIRKLAND	WA	98033		
NEUBERGER, MICHAEL W	(425) 228-9764	16624 133RD PL SE	RENTON	WA	98058	(206) 662-2515	49 74

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NOVEMBRE, NICOLE J	(206) 275-3705	9038 59TH ST SE	MERCER ISLAND	WA	98040	(206) 655-6345	4E 49
O'CALLAHAN, JOHN A	(312) 240-0076	151 N MICHIGAN AVE #1218	CHICAGO	IL	60601		
OHMAN, MARTIN P	(206) 986-7353	13619 MUKILTEO SPDWY #D5-491	LYNNWOOD	WA	98037	(425) 294-5857	0U 02
OLDS, KIRSTEN	(206) 243-2171	1611 SW 170TH ST	SEATTLE	WA	98166	(206) 901-1837	
OLIVER, JANET	(425) 413-0298	18017 187TH AVE SE	RENTON	WA	98058		
OLSON, DON	(206) 932-4526	4510 SW DIRECTOR ST	SEATTLE	WA	98136		
OLVER, LIZ	(206) 285-6904	620 W OLYMPIC PLACE #202	SEATTLE	WA	98119	(206) 662-7320	20 79
ORTIZ-APONTE, JAVIER R	(206) 270-8964	1404 10TH AVE W #7	SEATTLE	WA	98119	(206) 544-3427	2L 53
OSTROFF, MICK	(425) 562-9157	14524 SE 13TH PL	BELLEVUE	WA	98007	(425) 266-6009	03 92
OTT, DALE	(253) 838-8314	32521 41ST AVE SW	FEDERAL WAY	WA	98023	(253) 351-5421	5H 93
OTT, TAMLIN K	(253) 639-9978	12416 SE 262ND PLACE	KENT	WA	98031	(206) 662-1289	43 42
OTT, THOMAS	(253) 639-9978	12416 SE 262ND PLACE	KENT	WA	98031	(253) 657-0194	3C JM
OUELLETTE, ANDREW	(425) 486-2376	19312 29TH AVE SE	BOTHELL	WA	98012	(425) 266-9168	03 PX
PACKER, ROBERT	(425) 259-4847	1209 MADRONA AVE	EVERETT	WA	98203	(425) 342-6385	0A 06
PARE, SHAWN	(425) 483-0548	2625 169TH ST SE	BOTHELL	WA	98012	(425) 342-7134	0H KL
PASTOR, JOSE R	(206) 729-7094	9712 WOODLAWN AVE N	SEATTLE	WA	98103	(425) 266-1590	39 PU
PATNOE, MICHAEL	(206) 783-0841	2857 NW 70TH ST	SEATTLE	WA	98117	(253) 773-3885	8H 05
PATTON, DANIEL	(206) 440-8684	14327 36TH AVE NE	SEATTLE	WA	98125	(425) 294-4982	02 WX
PEGG, MICK R	(253) 630-3318	26446 161ST PL SE	KENT	WA	98042	(206) 246-2646	64 12
PERRIN, MARVIN D	(206) 932-5381	6742 37TH AVE SW	SEATTLE	WA	98126	(253) 773-9950	82 05
PERRIN, MARVIN N	(253) 838-9126	37210 32ND AVE S	AUBURN	WA	98001		
PETERSON, KEVIN G	(425) 228 9578	17600 134TH AVE SE #D701	RENTON	WA	98058	(425) 565-1082	6H FK
PHILLIPS, JIM	(425) 486-4484	19316 22ND AVE SE APT D	BOTHELL	WA	98012	(425) 266-3497	07 30
PILCHER, LISLE	(425) 267-0865	10212 EVERGREEN WAY #430	EVERETT	WA	98204		
PIRSON, CHRISTOPHER J	(425) 432-9593	22130 238TH PL SE	MAPLE VALLEY	WA	98038	(206) 655-0110	14 ME
PISARUCK, MICHAEL A	(206) 937-0602	3446 39TH AVE SW	SEATTLE	WA	98116	(206) 515-8072	
PLIMPTON, JOHN	(206) 525-3786	8760 SAND POINT WAY NE PO BOX 27344	SEATTLE	WA	98115	(253) 924-3057	
POLLOCK, JOHN		705 MILL ST	FENTON	MI	40830	(206) 365-9192	
POTTS, KIRK D							
PRICE, EARL	(253) 848-7544	12344 TATOOSH RD E	PUYALLUP	WA	98374	(253) 931-3281	5C AL
PRIVETT, RICHARD	(253) 770-2586	2102 7TH AVE SW	PUYALLUP	WA	98371	(425) 393-6716	4X 59
PROSTKA, JAMES	(425) 861-0858	13017 176TH PL NE	REDMOND	WA	98052	(425) 237-4993	67 MC
PUGH, PAUL	(253) 813-2139	6707 S 239TH ST #D104	KENT	WA	98032	(206) 544-0965	2H 37
PYSCHER, PAUL	(206) 767-7285	5324 16TH AVE S	SEATTLE	WA	98108	(425) 234-4715	9U EL
PYSCHER, RISE	(206) 767-7285	5324 16TH AVE S	SEATTLE	WA	98108	(206) 731-3510	
RAMMER, ROGER	(253) 631-7406	24907 168TH PL SE	KENT	WA	98042	(206) 544-9636	2L 11
RATLIFF, ROY	(206) 932-9412	4301 SW HANFORD #9	SEATTLE	WA	98114	(206) 767-7995	
RAY, STEPHEN D	(360) 659-5315	4824 118TH ST NE	MARYSVILLE	WA	98271	(425) 342-5288	04 84
RAY, TYLER	(360) 659-5315	4824 118TH ST NE	MARYSVILLE	WA	98271		
REED, DALE	(206) 243-9129	12027 TENTH AVE S	SEATTLE	WA	98168		
REED, HANK D	(253) 639-3115	12917 SE 231ST WAY	KENT	WA	98031	(425) 234-8689	67 TC
RETKA, PAUL J	(206) 431-5771	16640 51ST AVE S	SEACAC	WA	98188	(253) 773-0152	3F 06
RHODES, KAINLUCK	(206) 241-5833	13737 45TH AVE S	SEATTLE	WA	98168	(253) 657-3825	3E JA
RICHMOND, STEVEN	(253) 631-3591	12908 SE 278TH ST	KENT	WA	98031	(206) 544-0810	2H 37
ROBERTS, GLENN L	(425) 868-8515	659 E LAKE SAMMAMISH PKY NE	REDMOND	WA	98053	(425) 868-5055	
ROBERTSON, MATTHEW R	(425) 822-0455	6509 114TH AVE NE	KIRKLAND	WA	98033	(425) 957-5691	7M HC
ROETS, GUY W	(425) 788-4245	PO BOX 1383	DUVALL	WA	98019	(425) 342-1410	06 FJ
ROGERS, THOMAS A JR	(425) 823-3137	8014 NE 112TH ST	KIRKLAND	WA	98034	(253) 773-8517	86 11
ROOS, JOHN BRYAN	86-24-388-6829					86-24-652-6100	39 AW
ROPER, JOHN	(425) 746-8462	14332 SOMERSET BLVD SE	BELLEVUE	WA	98006		
ROTH, ANDREW S	(425) 337-6337	12120 43RD DR SE	EVERETT	WA	98208	(425) 342-1308	0U 48
ROWE, ROBERT	(206) 232-1988	PO BOX 1373	MERCER ISLAND	WA	98040		
RUDESILL, CHRISTOPHER	(206) 729-0640	110 NE 62ND ST	SEATTLE	WA	98115	(425) 965-2683	9W HU
RUSHO, KATY	(206) 920-8106	PO BOX 17306	SEATTLE	WA	98107	(206) 256-1263	
RYAN, BARRY D	(425) 637-1140	2818 98TH AVE NE	BELLEVUE	WA	98004	(425) 393-9700	6E 62
SAGON, GREGORY T	(206) 542-8169	1132 N 198TH ST #C201	SHORELINE	WA	98133	(425) 965-0542	9X 07
SANDERS, DOUG G	(425) 252-5331	1605 OAKES AVE	EVERETT	WA	98201	(206) 622-2140	
SANGESLAND, ODDVAR	(206) 481-0869	19217 58TH AVE NE	SEATTLE	WA	98155	(425) 234-5904	67 32
SATO, BRIAN	(425) 649-8926	2642 166TH AVE SE	BELLEVUE	WA	98008	(425) 649-7265	
SCANLON, DONALD A	(206) 244-7107	13410 40TH AVE S	TUKWILA	WA	98168	(253) 657-3042	3C LU
SCHILLE, SAMUEL J	(206) 524-7150	7038 24TH AVE NE	SEATTLE	WA	98115	(206) 662-1902	49 92
SCHMELZER, JERRY	(253) 852-2856	19218 102ND AVE SE	RENTON	WA	98055	(206) 544-9862	2L 81
SCHOEMAKER, LINDA	(206) 285-2721	2415 SECOND AVE N	SEATTLE	WA	98109		
SELS, ROBERT	(425) 562-1007	4515 125TH AVE SE #310	BELLEVUE	WA	98006	(425) 294-8540	0A 06
SHARP, SANDRA	(253) 815-1531	2904 SW 332ND PLACE	FEDERAL WAY	WA	98023	(425) 865-3602	7M TF
SHETTER, MARTIN	(425) 641-8436	4617 149TH AV SE	BELLEVUE	WA	98006	(425) 703-6343	
SHINGLER, DON K	(206) 367-5930	1615 N 145TH ST	SEATTLE	WA	98133	(425) 237-0348	6C 35
SHORT, STEPHEN	(425) 673-1562	22908 ATLAS ROAD	BOTHELL	WA	98021	(425) 717-2991	02 FA
SLETE, STAN	(253) 520-2517	3704 S 279TH PL	AUBURN	WA	98001	(253) 931-9671	5T 04
SMITH, ELLEN	(206) 546-5367	528 N 188TH ST	SEATTLE	WA	98133		
SMITH, LESLIE	(425) 486-2000	10223 NE 198TH	BOTHELL	WA	98011	(425) 486-2000	
SNOWDEN, MARK J	(206) 533-0225	1156 N 198TH ST #G202	SHORELINE	WA	98133	(425) 342-4799	02 FL
SOUTHER, CARRIE C	(425) 438-4086	8926 49TH AVE W	MUKILTEO	WA	98275	(425) 418-4086	0P 12

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SOUZA, JAMES J	(425) 337-6030	5204 122ND ST SE	EVERETT	WA	98208	(425) 342-8071	0R HX
STEFANINI, LINDA	(206) 322-2430	3226 17TH AVE S	SEATTLE	WA	98144	(425) 865-3058	7M RJ
STEINER, DAVID S	(206) 526-8717	10315 38TH AVE NE	SEATTLE	WA	98125	(425) 342-3465	39 TA
STEINER, NATALIE	(206) 526-8717	10315 38TH AVE NE	SEATTLE	WA	98125	(425) 477-4413	02 16
STENDER, RUTH A	(425) 747-8390	3018 128TH AVE SE #10	BELLEVUE	WA	98005	(425) 266-6016	03 92
STEPHAN, LEONARD P	(206) 789-4117	617 NW 53RD ST	SEATTLE	WA	98107		
STEPHENS, DAVID	(425) 774-1396	20107 76TH AVE W	LYNNWOOD	WA	98036	(425) 477-3912	6A 03
STEWART, CHRISTINA M	(206) 632-3802	3620 DENSMORE N	SEATTLE	WA	98103	(206) 526-6765	
STEWART, ROB	(206) 762-8909	10145 15TH AVE S	SEATTLE	WA	98168		
STEWART, TOM	(206) 762-8909	10145 15TH AVE S	SEATTLE	WA	98168		
STOREY, MELISSA	(425) 641-9653	12239 SE 61ST ST	BELLEVUE	WA	98006	(425) 342-5695	0F 22
STRAUSS, NICHOLAS	(817) 453-0968	2616 WILD IVY TRAIL	MANSFIELD	TX	76063	(817) 588-3048	
SULLIVAN, PAUL J	(412) 826-1146	107 COMMONS DRIVE	OAKMONT	PA	15139		
SUNDQUIST, BETH L	(206) 361-3730	1608 NE 189TH ST	SHORELINE	WA	98155	(425) 266-9811	39 TA
SYKES, VICTORIA J	(425) 745-1948	508 164TH ST SW #J103	LYNNWOOD	WA	98037	(425) 717-5578	0J TX
TAYLOR, BARRY H	(425) 317-5574	12321 HWY 99 S #49	EVERETT	WA	98204	(425) 342-2402	0J 00
TAYLOR, DEBRA	(425) 355-8929	1709 105TH ST SW	EVERETT	WA	98204		
TAYLOR, GENE	(425) 277-8038	19914 SE 125TH ST	ISSAQUAH	WA	98027	(206) 544-5491	2R 78
TAYLOR, JOHN W	(425) 355-8929	1709 105TH ST SW	EVERETT	WA	98204	(425) 294-6071	0A 20
TESSMER, KEVIN	(206) 525-4177	6549 38TH AVE NE	SEATTLE	WA	98115	(425) 237-1402	76 74
THOMAS, CHARLES WILLIAM	(360) 652-2657	2424 145TH ST NW	MARYSVILLE	WA	98271	(425) 294-2990	0R 01
THOMAS, GORDON	(206) 824-3348	20219 SIXTH AVE S	DES MOINES	WA	98198		
THROOLIN, HAL	(206) 364-6332	19112 THIRD AVE NE	SHORELINE	WA	98155	(425) 717-5567	0J TM
THROOLIN, LUCINDA		19112 THIRD AVE NE	SHORELINE	WA	98155		
TILL, BRADLEY D	(206) 932-4659	3001 SW AVALON WAY #203	SEATTLE	WA	98126	(425) 237-4075	67 32
TIMMERMAN, MICHAEL	(425) 868-7016	22709 NE 18TH PL	REDMOND	WA	98053	(253) 657-3085	3C PR
TOMCHIK, GLENN A	(425) 338-3270	1322 MILL CREEK ROAD #S106	MILL CREEK	WA	98012	(425) 717-3658	05 47
TOROK, MIKE	(206) 243-0834	14404 22ND AVE SW	SEATTLE	WA	98166	(206) 544-4684	41 49
TOWNSEND, HARRY E	(206) 547-4327	2210 W 43RD ST	SEATTLE	WA	98103	(425) 294-3755	0K UA
TRAINER, VERA	(206) 522-7022	342 NE 58TH ST	SEATTLE	WA	98105	(206) 860-3347	
TREDWAY, LINDA M	(253) 838-8378	333 S 320TH ST #A6	FEDERAL WAY	WA	98003	(206) 655-4302	45 61
TRYBA, BRIAN T	(425) 255-5365	613 THIRD ST S #202	RENTON	WA	98055		99 16
TUNLEY, SIMON D	(425) 787-0727	15517 40TH AVE W #B208	LYNNWOOD	WA	98037	(425) 717-5274	08 AE
TWITCHELL, VELOY D	(360) 691-6287	14711 79TH ST NE	LAKE STEVENS	WA	98258	(425) 342-5212	09 51
URBAN, KENNETH R	(253) 859-8474	10832 SE 232ND ST	KENT	WA	98031	(253) 931-3113	5K 47
VANLANDINGHAM, DOUG	(425) 339-8546	1808 WETMORE	EVERETT	WA	98201	(425) 342-7556	0F 15
VANLANDINGHAM, LYNN	(425) 339-8546	1808 WETMORE	EVERETT	WA	98201		
VERZANI, GAIL J		23629 112TH ST SE #E-103	KENT	WA	98031	(253) 931-2770	5R 15
VETTER, ARTHUR M	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058	(206) 544-5922	2T 50
VETTER, ELSA	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058		
VETTER, SCOTT	(425) 226-9492	15633 SE 178TH PL	RENTON	WA	98058		
VIGIL, CHRISTOPHER DM	(206) 284-4179	2572 GILMAN DR W #318	SEATTLE	WA	98119	(206) 655-6633	4E 73
VITKUSKE, JANE M	(206) 729-7032	336 NE 56TH ST	SEATTLE	WA	98105	(425) 965-5390	70 04
VOIGT, CRAIG	(425) 438-4086	8926 49TH AVE W	MUKILTEO	WA	98275	(425) 438-9015	0P 12
VON MOOS, DAVID L	(206) 527-1781	9010 EIGHTH AVE NE	SEATTLE	WA	98115	(253) 773-3264	8Y 96
WAINWRIGHT, ALAN	(206) 767-0403	6422 CARLETON AVE S	SEATTLE	WA	98108		
WALKER, BRAD	(206) 546-5367	528 N 188TH ST	SEATTLE	WA	98133	(425) 342-2604	0R LX
WALTERS, DEAN B	(425) 355-2314	120 SE EVERETT MALL WAY #238	EVERETT	WA	98208	(425) 294-9814	0A WR
WALTON, TOM R	(206) 933-9007	3333 56TH AVE SW	SEATTLE	WA	98116	(206) 662-1973	49 63
WATSON, GARY	(206) 439-1954	16458 14TH AVE SW	SEATTLE	WA	98166	(206) 544-8570	2J 55
WEISMAN, JAMES L	(206) 937-2680	2770 ALKI AVE SW #402	SEATTLE	WA	98116	(206) 655-7939	14 ME
WHALEN, DAVID L	(253) 946-5754	3811 S 255TH PL	KENT	WA	98032	(206) 662-2891	4T 77
WHEELER, CHRIS J	(206) 787-8791	1719 NW 57TH ST #131	SEATTLE	WA	98107	(206) 727-5247	
WHITE, DEREK	(425) 228-4281	11707 SE 64TH ST	BELLEVUE	WA	98006	(206) 544-8552	2J 57
WHITE, DWAYNE	(425) 355-5698	201 59TH PL SE	EVERETT	WA	98203	(425) 294-8447	0P 12
WICK, JOHN	(206) 789-4712	8000 28TH AVE NW #321	SEATTLE	WA	98117	(425) 717-2495	03 LC
WILD, SILAS	(206) 527-9453	4531 48TH AVE NE	SEATTLE	WA	98105		
WINSLOW, KEVIN F	(253) 859-7620	10811 SE 239TH ST	KENT	WA	98031	(206) 655-0377	4T 07
WIRE, RICHARD	(253) 863-5333	18508 65TH ST E	BONNEY LAKE	WA	98390	(253) 351-1475	5F 11
WOLF, DEBRA	(206) 789-4712	8000 28TH AVE NW #321	SEATTLE	WA	98117		
WOOLEY, KEVIN	(206) 933-6410	4030 SW HENDERSON	SEATTLE	WA	98136	(253) 657-4122	3F 70
WORDEN, ELAINE	(206) 328-1894	1400 E MERCER ST #4	SEATTLE	WA	98112	(425) 965-0049	6H CJ
WORNATH, JAY	(425) 485-6792	4906 238TH ST SE	WOODINVILLE	WA	98072	(425) 294-6426	0A 20
WYNESS, GAVIN A	(253) 931-1286	12676 SE 306TH CT	AUBURN	WA	98092	(206) 655-6053	45 12
WYNESS, GINA	(253) 931-1286	12676 SE 306TH CT	AUBURN	WA	98092		
YABUKI, JOE	(425) 821-8417	12822 NW 141ST CT	KIRKLAND	WA	98034	(425) 356-3720	
YAGI, VICTOR	(206) 528-2819	6325 22ND AVE NE	SEATTLE	WA	98115	(425) 477-4812	4X 54
YDE, MICHAEL J	(425) 558-0162	18603 NE 59TH ST #E103	REDMOND	WA	98052	(425) 266-7940	0W LP
YEN, HOWARD H	(425) 742-3301	16706 37TH PL W	LYNNWOOD	WA	98037	(425) 294-7593	03 KH
YOCUM, THOMAS E	(206) 363-6909	3031 NE 137TH ST #115	SEATTLE	WA	98125	(425) 342-9794	0Y AX
YOUNG, STEPHANIE	(206) 568-0371	2328 TENTH AVE E #105	SEATTLE	WA	98102	(425) 294-7583	0A 05
YURCZYK, PAM M	(206) 783-6567	7021 11TH AVE NW	SEATTLE	WA	98117	(425) 237-4862	6H WF

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ALPINE ECHO

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Editor: Mark Hicks
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Trip reports: Ilan Angwin
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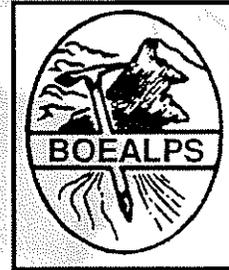
Thanks to everyone!!



ALPINE ECHO

PROSTKA, JAMES 67 MC

November 1998



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President	Rich Baldwin	206-544-7580 richard.f.baldwin@boeing.com	Equipment South	Mike Jacobsen	253-657-1438 michael.t.jacobsen@boeing.com
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Past President	Chris Rudesill	425-965-2683 christopher.c.rudesill@boeing.com	Membership	Elaine Worden	425-965-0049 elaine.worden@boeing.com
Activities	Len Kannapell	206-324-0055 lpk@hartcrowser.com	Photographer	Shawn Paré	425-342-7134 shawn.m.pare@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Programs	Eric Bennett	206-579-5016 eric.r.bennett@boeing.com
	Katy Rusho	206-256-1263 katyr@pmiseattle.com	Homepage Editor	Rob James	rob.james@gecm.com
Echo Editor	Mark Hicks	425-294-0588 mark.a.hicks@boeing.com	BCAG Recreation	Jake Davis	425-342-8369
Education	Tom Rogers	253-775-8517 thomas.a.rogers@boeing.com	Home Page	http://www.accessone.com/~boealps	

Photo: Boealpers on Frostbite Ridge, Glacier Peak by Mike Jacobsen

From Elaine Worden 6H-CJ

November General Meeting

Rob Kunz - Mexican Volcanoes

With A Special Presentation By:

Washington Wildlife Recreation Coalition



**Thursday, November 5th
Oxbow Recreation Center
Social half hour 7:00 PM
Meeting 7:30 PM**



BELAY STANCE

See Yall

It's been a grand year for me as the Alpine Echo editor, but I've had my fun and now I'm done. I'll be passing the pen (ouch) to Matt Robertson and Ilan Angwin who will share the editorial responsibilities for future Echo issues. Thanks to everyone for all the great material you submitted over the past year. It's been a pleasure serving you. Now....

DO NOT SEND ME ANY MORE ECHO INPUT!! All FUTURE INPUT GOES TO MATT ROBERTSON.

matt.robertson@boeing.com

Mail Stop 7M-HC

Thanks again.

Off To Nepal

The Himalayan Hikers are off braving the Nepalese elements as we speak. A band of 7 Boealpers is currently on a harrowing trek through the Himalayas with blistered feet and viral infections awaiting them at every bend in the trail. In addition to their trek, they have planned an ascent of Lobju East on November 10th, so everyone wish them well.

CLIMBERS/TREKKERS: Vera Trainer, Len Kannapell, Pam Kaiser-Pare', Shawn Pare', Victor Yagi, Pete Allen, Linda Stephanini, Michelle Pare'.

Yearly Pesterfest

In just a few short months your membership dues will be payable, so we thought we'd start pestering you a little early. If anyone would like to get it out of the way with sooner rather than later, see the form inside this issue.

This Issue Includes...

...Well, not much really. Ilan has once again submitted the board minutes as substitute secretary, Vera Trainer gives us some food for thought in Conservation Corner and the Agris Moruss Fund is explained.

Homepage Password

The password for the homepage is: **SLESSE**

This is used when accessing the Activities or Club roster sections of the homepage.

From the desk of your editor,



Mark Hicks

DECEMBER ECHO DEADLINE IS NOVEMBER 18th



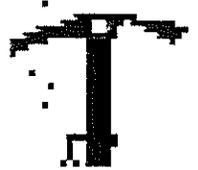
November



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December



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Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
(____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

RELEASE FROM LIABILITY AND HOLD HARMLESS AGREEMENT

I, _____ (print name(s)),
certify that I am aware of all the inherent dangers of mountaineering, including but not limited to the hazards of traveling in mountainous terrain, accidents, or illness in remote places without medical facilities, the forces of nature, and the actions of participants and other persons.

I understand that it is not the function of the activity leaders to serve as the guardians of my safety. I also understand that I am to furnish my own personal equipment and I am responsible for its safety and good operating condition regardless of where I obtained it. I understand and agree that neither the Boeing Employees Alpine Society (BOEALPS) nor its officers, agents, operators, instructors, leaders of club sponsored activities, other assistants and the Boeing Company may be held liable in any way for any occurrence in connection with club activities which may result in injury, death, or other damages to me. In consideration of being allowed to participate in club activities, **I HEREBY PERSONALLY ASSUME ALL RISKS** in connection with said activities, and **I RELEASE** the aforementioned club, officers, agents, operators, instructors, activity leaders and assistants from responsibility for any harm which may befall me while I am engaged in club activities, including all connected risks, whether foreseeable or unforeseeable. **I FURTHER AGREE TO INDEMNIFY** the aforementioned entities and Company and persons from any liability, claims, and causes of action which I may have arising out of my enrollment and participation in this club.

I further state that I am 18 years of age or older and legally competent to sign this release (or in the event that I am a minor, my parent or legal guardian must sign this release), that I understand these terms are contractual and not a mere recital, and that I have signed this document as my own free act. The terms of this agreement shall serve as a release and indemnity agreement for my heirs, assignees, personal representatives, and for all members of my family, including any minors.

I HAVE FULLY INFORMED MYSELF OF THE CONTENTS OF THIS RELEASE AND INDEMNITY BY READING IT BEFORE I SIGNED IT.

(Signature)

(Date)

Additional Family:

(Print Name)

(Parent or Legal Guardian)

(Signature)

(Date)

(Print Name)

(Parent or Legal Guardian)

(Signature)

(Date)

(Print Name)

(Parent or Legal Guardian)

(Signature)

(Date)

(Print Name)

(Parent or Legal Guardian)

(Signature)

(Date)

Want more info? Go to <http://www.andersonlodge.com>



Mt. St. Helens X-country Ski Trip - Anderson Lodge Jan.22-24, 1998

After three great years in Winthrop at the Westar Lodge, the time has come to head south for the winter - it's back to the Anderson Main Lodge! Boealpers long in the tooth will recall this place, but for you novices, this is a great opportunity to mingle with the best (and undoubtedly the worst) of the club, with opportunities for doing x-country and backcountry skiing, climbing Mt. St. Helens, playing ping-pong, jumping in the group hot tub, and roasting in either of two saunas. The cost will be **\$42/adult** and **\$25/child**, which covers Friday and Saturday night lodging, Saturday breakfast/dinner and Sunday breakfast - bring your own Saturday/Sunday lunch and beverages. Families welcome!

The lodge has room for 50, and it features an array of bunk beds, double beds, and even a few private rooms for families. You will need a Sno-Park permit to use the Forest Service trails around Mt. St. Helens, so come prepared. Climbing permits are not required this time of year, so if the weather is good and you are ready, willing, and able, an attempt at the top could be in the offing.

How do you make a reservation? It's easy:

- Mail a check (**payable to Boealps**) to me or deliver in person - no cash please
- Include your phone number, e-mail, and how many beds you need

In return, I'll send you an information sheet as well as directions. Beds will be assigned in order of payment received, so **send your check in early** (Roy, take heed). A short waiting list will be made - though we'll do our best, there is no guarantee we can make refunds. Question: is there a hot tub? Answer: is the Pope Catholic?

Contact: Len Kannapell
361-7523 (h)
1015 NE 126th St.
Seattle, WA 98125-4031

lpk@hartcrowser.com

P.S. I'll be gone on a trip Oct.21-Nov.20, so if you don't hear anything from me before Nov. 21, fear not.



Want more info? Go to <http://www.andersonlodge.com>

Boealps MOFA Class

What: Mountaineering Oriented First Aid class is a 27 hour first aid course for the wilderness traveler. Training includes American Red Cross Adult CPR and Standard First Aid certifications, as well as a MOFA endorsement. The MOFA part of the course includes additional wilderness focused first aid training with hands on exercises. The classroom sessions will be followed by an evening of practical exams conduction in conjunction with other MOFA classes at Camp Long in West Seattle.

Who: This course is recommended for all Boealps members and required for all Boealps instructors.

Dates: January 19, 21, 26, 28, February 4, 6, 11, 12, and 16 or 18 (Camp Long)

Time: 6:30 - 9:30 pm

Where: Boeing Customer Service Center. The practical exam will be

Cost: Approx \$45 per student (exact amount will be determined after the first class.)

The class will be filled in the order that the registrations are paid. To sign up return the registration form below along with your payment. Payment should be in the form of a check made payable to Boealps.

If you have any questions, please call Kathy Hirabayashi at (425) 814-5487 (w) or (206) 527-5281 (h) or e-mail at Khibachi@aol.com or Joyce Holloway at (425) 477-4393 (w) or (425) 888-4434 (h) or e-mail at joyce.r.holloway@boeing.com.

Boealps MOFA Class Registration Form

Name:

Mail Stop:

Home Phone:

Work Phone:

E-Mail:

Complete the information requested above and return this form along with payment (Make check payable to "Boealps") to:

Joyce Holloway
MS 6F-06

Phone: (425) 477-4393 (w)
(425) 888-4434 (h)



CONSERVATION CORNER

By Vera L. Trainer

By the time this ECHO reaches your mailboxes, I'll be walking the streets and trails of Nepal to places with names like Kala Pattar, Gorak Shep, Lobuje, Dragnag, and Gokyo. In preparing for this trip, I've done some reading about conservation efforts in the Himalaya. Without a doubt, Nepal is one of the most beautiful places in the world. It is said that you can't take a bad picture in Nepal, even if you drop your camera the photo will be great. However, the magnificence of the natural beauty contrasts strongly with man's impact in this once remote place. With the increase in tourism to this part of the world, all the stuff that people use during the passing of a day also increases, i.e. toilet paper, beer bottles, and candy wrappers.

How can this impact be reduced? Before buying a beer in a bottle at a high- elevation teahouse, we will need to think about where that bottle will go when we're done with it. Most likely, it will end up in a huge pile of other glass bottles (discarded by other trekkers) behind the teahouse. There are no recycling trucks in Namche Bazaar.

And do we need all the stuff we're carrying with us? The sherpas will be carrying huge loads of our things. Can't we be more like them and live with less? In going about your daily lives this month here in Seattle, think about your individual impact on our city and the surrounding mountains and woods. Look around you and notice the overabundance of goods. Imagine for one month that there are no trash trucks that come to your street. Notice how full your trash can is as you drag it to the edge of the sidewalk. What can you do to live with less, to recycle, to reuse?

Why not...

1. Buy second hand clothing. By reusing these articles, you lessen the demand on production of new things.
2. Reuse containers for the purchase of cooking oil, soaps, detergents. You can do this at Puget Consumer Coop (PCC).
3. Leave a cloth bag in your car for shopping items. Notice how many plastic and paper bags you don't need.
4. Keep a travel mug with you for your purchase of coffee or tea. Consider the ethics (or lack thereof) of buying your coffee in a paper cup every single day.
5. Buy items that contain less packaging.
6. Consider getting the small trash can from the City of Seattle (about 5 gallon size). If you can't get by with such a small trash can, ask yourself why.

Challenge yourself to try just one of these things (or something similar) this week. I've been told that the sherpas laugh and dance across the rocks in places where we carefully walk with our trekking poles and ice axes. Maybe by living more simply and in harmony with the Earth, we can be more like them.

See you next month.
Namaste.

P.S.

Thanks to Katy Rusho for a great year of co-writing the Conservation Corner and welcome to Frank Sommers as the new conservation writer (along with me).

October Meeting Minutes

The October Board meeting was at Ed Alejandro's place. Many were in attendance.

The expenditures for the banquet were discussed. Although the club was able to pay the difference between collected funds and the costs incurred, we need to be more frugal next year because the club dipped into emergency funds to pay the difference. Everyone agreed that next year's banquet needs to take into account a smaller budget.

Our treasurer reported the club should expect to receive significantly less money next year from Boeing.

The next board meeting will be held on November 12th at a location TBD.

FOR SALE

Mountain Hardware "Exposure Bibs".

Top of the line.

Excellent condition.

Color black, Size Large

Retail \$250 Asking \$150 OBO

Call John Penxa (w) 253-657-8220

AGRIS MORUSS MEMORIAL FUND

Applications are currently being accepted for the 1999 Agris Moruss Memorial Fund grant. The grant is offered each year to help meet the expenses of a worthy climbing endeavor attempted by BOEALPS members. Past grants have been awarded for trips around the globe. The trip's sense of exploration and level of challenge for the applying climbers is more important than the technical difficulty of the trip's objective in awarding the grant. The size of the grant is at the sole discretion of the Board of Trustees, but is generally about \$100.

The grant is offered in memory of Agris Moruss, a long time club member and an active climber who lost his life leading a Basic Class climb of Lundin Peak in 1982. The only application requirements are that you are a current BOEALPS member, you attempt the climbing trip this year, and (if awarded the grant) that you write a letter of appreciation to Agris' father. In addition, I personally ask that you write up a trip report for the Echo.

Also, in this month's Echo, you will find an article which includes a brief biography of Agris and provides details about the fund. You may apply by writing with a letter outlining your trip and the reason you feel it meets the criteria for the grant. Applications must be received by March 1, 1999. Send them to:

Chris Rudesill M/S 9W-HU or

110 NE 62'nd St.

Seattle, WA 98115

THE AGRIS MORUSS MEMORIAL FUND

BACKGROUND

Agris Moruss was born in Latvia in 1941, the scene of bitter battles between German and Russian troops during World War II. He spent his early years in a displaced persons camp in Germany before coming to Longview, Washington with his family in 1949. He received his degree in Engineering from the University of Washington, then joined Boeing.

He took the BOEALPS Basic Climbing Course in 1974. Not only was he by far the strongest student but also one of the most popular; both with his fellow students and his instructors. His quiet manner, his willingness to always do far more than his share, and his unforgettable smile left their mark.

After the class ended, he climbed virtually every weekend, with instructors, classmates and others. While he quickly demonstrated his ability to successfully climb at ever-higher levels, he seemed equally happy being on modest routes with companions of mediocre abilities and stamina.

Less than two years after finishing the Basic Class, he was invited to join some of his instructors and other veteran climbers on a McKinley climb. Though he had only a fraction of the experience of the other party members, he pulled the heaviest sled, led the toughest pitches, carried the heaviest pack, and always did far more than his share of camp chores. Returning from the summit, the team members gave him a book inscribed, "to the most inspirational member of the 1976 McKinley expedition.:

He began instructing in the BOEALPS Basic Course in 1977, generously sharing his energy and enthusiasm with students and his fellow instructors. Unlike some of the other instructors, he would patiently follow the slowest students down from the summits, occasionally carrying their packs atop of his. He cheerfully took the least popular routes; and , on more than one occasion, assisted in evacuating students with injuries or fatigue.

On May 8, 1980 eight teams from the Basic Class set out from Narada Falls and Longmire aiming at virtually all the Tatoosh Range summits. When Saint Helens erupted the sky suddenly turned black, as did the ash-covered snow. All the climbers and instructors quickly forgot their summits and thought only of a quick descent. All, except for Agris. He kicked steps straight up to the top of a steep ridge at an incredible pace, ;just to see if I could get a better view.:

In 1982 Agris decided to take a sabbatical from teaching to accomplish some other goals. One of these was to run in the Boston Marathon, his first ever marathon. His goals were to finish in less than four hours, and within the first two thousand; he accomplished both. On a Sunday morning just two weeks later he showed up at Snoqualmie Pass, volunteering to fill in for a missing instructor and take a team up Lundin Peak. The summit rocks were covered with a very thin layer of frozen fog. Within just a few feet of reaching a solid anchor where he could safely belay the rest of his party to the summit, he slipped, and disappeared into the white-out far below.

A few days later more than a thousand of those who had been privileged to have known Agris gathered for a memorial service. Not only were there hundreds of climbers, but also his skiing friends, his bicycling companions, his fellow workers from Boeing, and hundreds of friends of all ages from the Northwest Latvian community. Many of these wanted to contribute to "something to help us remember Agris;" by the end of the evening well over a thousand dollars had been left on a table. That is how the Fund began, very spontaneously and very emotionally.

Over the years the fund has grown, through additional donations and through appreciation. Each year applications are considered for a grant or grants from the Fund. Those applications which best exemplify the spirit in which Agris climbed, and where such a grant might significantly support the attainment of a challenging mountaineering objective, have been awarded financial assistance.

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW MAIL STOP: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer st. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO

November ECHO staff

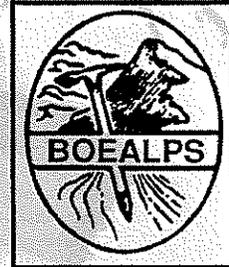
Editor: Mark Hicks
Activities/calendar report: Len Kannapell

Thanks to everyone!!



ALPINE ECHO

December 1998



BOEING EMPLOYEES ALPINE SOCIETY

President	Rich Baldwin	206-544-7580 richard.f.baldwin@boeing.com	Education	Tom Rogers	253-773-8517 thomas.a.rogers@boeing.com
Vice President	Rob Kunz	206-655-7645 robert.r.kunz@boeing.com	Equipment South	Mike Jacobsen	253-657-1438 michael.t.jacobsen@boeing.com
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Activities	Len Kannapell	206-324-0055 lpk@hartcrowser.com	Membership	Elaine Worden	425-965-0049 elaine.worden@boeing.com
Conservation	Vera Trainer	206-522-7022 Vera.L.Trainer@noaa.gov	Photographer	James Weisman	206-655-7939 james.l.weisman@boeing.com
	Frank Sommers	frank.sommers@noaa.gov	Programs	Eric Bennett	206-579-5016 eric.r.bennett@boeing.com
Echo Editors	Matt Robertson	425-957-5691 matt.robertson@boeing.com	Homepage Editor	Rob James	rob.james@gecm.com
	Ilan Angwin	425-266-9038 ilan.g.angwin@boeing.com		Heather Naughton	253-631-4073 jeep_girl@mailexcite.com
			BCAG Recreation	Jake Davis	425-342-8369
			Home Page	http://www.accessone.com/~boealps	

Photo: Boealpers on Frostbite Ridge, Glacier Peak by Mike Jacobsen

From Elaine Worden 6H-CJ

December General Meeting **Len Kannapell - The Pickets** **Tom Rogers - The Bugaboos and Yosemite**

Thursday, December 3rd
Oxbow Recreation Center
Social half hour 6:30 pm
Meeting at 7:00 pm



124241

Warren
46/1/1992
425.
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4896

BELAY STANCE

You've got a new editor!

My name is Matt Robertson, and the Echo editorship has now passed from the capable hands of Mark Hicks (thanks, Mark!) to my still unproven hands. I don't know the first thing about editing a newsletter, but if you'll put up with my "on the job training", I'll try to provide you with an informative and useful source of information. Of course, I'll need your help in getting that information - please send trip reports, letters, announcements, advertisements and anything else remotely climbing related to me at matt.robertson@boeing.com, or, if you've got hard copy, mail stop 7M-HC. I know there's some good stories out there (NW Ridge of Mount Sir Donald? All 5 Washington Cascade volcanoes in one season?) so write 'em up, and send 'em in!

Time to renew...

It's that time of year again - time to renew your Boealps membership. The renewal form is conveniently located in this issue, so take a few minutes, fill out the form, and send in your check. If you don't you'll never get to see if I can do a decent job with the Echo!

Basic Class Instructors

It's already time to start thinking about the 1999 Basic Climbing Class - if you're interested in being an instructor, or if you'd like to volunteer some time for other activities as part of the class, see the information in this issue about how to sign up.

New! Ski Mountaineering Course

Dan Goering and Brian Tryba are teaming up to offer this new course in 1999 - they need students and instructors.

Any Mr. or Mrs. Martha Stewarts out there?

Eric Bennett would really like to get some help with providing goodies for the monthly meetings. If you're willing to help out, please contact Eric at (206)579-5016 or eric.r.bennett@boeing.com.

Mountaineering for \$500 please, Alex...

Congratulations to Sascha Dublin on her November 17th appearance on Jeopardy! Sascha finished second after wagering \$10000 in Final Jeopardy, and not knowing who invented rollerblading. Still, how many of us have ever put \$10 grand on the line? Way to go, Sascha!

This Issue Includes...

The new Boealps Bylaws - check out the changes for non-Boeing employee members, and the funding of the Agris Morris memorial Fund. Len Kannapell has another great X-C ski trip planned - Anderson Lodge this year! Joyce Holloway and Kathy Hirabayashi will be leading a MOFA class. Don Goodman expresses his opinion on not cleaning fixed gear. Club equipment list, November board minutes, member's web sites and more!

Homepage Password

The password for the Boealps web site (<http://www.accessone.com/~boealps/>) is:
It's needed when accessing the Activities or club roster sections of the web site.

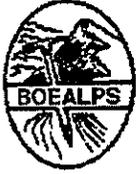
SLESSE

From the desk of your editor,

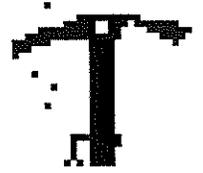


Matt Robertson

DECEMBER ECHO DEADLINE IS NOVEMBER 18th



December



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Want more info? Go to <http://www.andersonlodge.com>



Mt. St. Helens X-country Ski Trip - Anderson Lodge Jan.22-24, 1998

After three great years in Winthrop at the Westar Lodge, the time has come to head south for the winter - it's back to the Anderson Main Lodge! Boealpers long in the tooth will recall this place, but for you novices, this is a great opportunity to mingle with the best (and undoubtedly the worst) of the club, with opportunities for doing x-country and backcountry skiing, climbing Mt. St. Helens, playing ping-pong, jumping in the group hot tub, and roasting in either of two saunas. The cost will be **\$42/adult** and **\$25/child**, which covers Friday and Saturday night lodging, Saturday breakfast/dinner and Sunday breakfast - bring your own Saturday/Sunday lunch and beverages. Families welcome!

The lodge has room for 50, and it features an array of bunk beds, double beds, and even a few private rooms for families. You will need a Sno-Park permit to use the Forest Service trails around Mt. St. Helens, so come prepared. Climbing permits are not required this time of year, so if the weather is good and you are ready, willing, and able, an attempt at the top could be in the offing.

How do you make a reservation? It's easy:

- Mail a check (**payable to Boealps**) to me or deliver in person - no cash please
- Include your phone number, e-mail, and how many beds you need

In return, I'll send you an information sheet as well as directions. Beds will be assigned in order of payment received, so **send your check in early** (Roy, take heed). A short waiting list will be made - though we'll do our best, there is no guarantee we can make refunds. Question: is there a hot tub? Answer: is the Pope Catholic?

Contact: Len Kannapell
361-7523 (h)
1015 NE 126th St.
Seattle, WA 98125-4031

lpk@hartcrowser.com

P.S. I'll be gone on a trip Oct.21-Nov.20, so if you don't hear anything from me before Nov. 21, fear not.



Want more info? Go to <http://www.andersonlodge.com>

Boealps Activity Submittal Form

Please fill out as much information as you can in the spaces below. This form will not be relevant for every activity submitted, but it will give you and those who sign up more info. Thanks!

Trip date(s): _____

Mountain or area: _____

Elevation: _____

Route: _____

Class Rating: _____

Grade: _____

Approximate Time(s): _____

Maps Required: _____

Skills Required: _____

Brief Description: _____

Number of Persons: _____ (Maximum number willing to take)

Contact Info: Name: _____
Phone: (____) _____ (Work)
(____) _____ (Home)
E-Mail: _____
M/S: _____

Please note: all persons leading an activity should be aware of their responsibilities as trip leader and make sure the activity is within your abilities. You are responsible for the safety of your party. For all persons signing up for a trip, do the homework necessary to be a good follower: read the guidebook, study the map, and come prepared. Be safe and have a good time!

Submit activities to

Len Kannapell
206-324-0055 (W)
206-361-7523 (H)
LPK@hartcrowser.com

Boealps MOFA Class

What: Mountaineering Oriented First Aid class is a 27 hour first aid course for the wilderness traveler. Training includes American Red Cross Adult CPR and Standard First Aid certifications, as well as a MOFA endorsement. The MOFA part of the course includes additional wilderness focused first aid training with hands on exercises. The classroom sessions will be followed by two evenings of practical scenarios conduction, in conjunction with other MOFA classes at Camp Long in West Seattle, and a written exam.

Who: This course is recommended for all Boealps members and required for all Boealps instructors.

Dates: January 19, 21, 26, 28, February 2, 4, 9, 11, 16 and 18 (last two sessions at Camp Long)

Time: 6:30 - 9:30 pm

Where: Boeing Customer Service Center. Practicals will be held at Camp Long in West Seattle.

Cost: Approx \$45 per student (exact amount will be determined after the first class.)

Class Size: 24 students. The class will be filled in the order that the registrations are paid.

To sign up return the registration form below along with your payment. Payment should be in the form of a check made payable to Boealps.

If you have any questions, please call Kathy Hirabayashi at (425) 814-5487 (w) or (206) 527-5281 (h) or e-mail at Khibachi@aol.com or Joyce Holloway at (425) 477-4393 (w) or (425) 888-4434 (h) or e-mail at joyce.r.holloway@boeing.com.

Boealps MOFA Class Registration Form

Name: _____

Mail Stop (or address): _____

Home Phone: _____

Work Phone: _____

E-Mail: _____

Complete the information requested above and return this form along with payment (Make check payable to "Boealps") to:

Joyce Holloway
MS 6F-06
or 15704 451st Ave SE
North Bend, WA 98045

Phone: (425) 477-4393 (w)
(425) 888-4434 (h)

Boealps Ski Mountaineering Course

If you are an alpinist and an intermediate level skier who's been itching to escape the lift area crowds and take your skis into the backcountry this winter and bag some peaks, this new Boealps course may be for you! The added speed of ski approaches to winter climbs can bring many more peak objectives within your range during those oh-so-short winter days.

Below are the course details as currently known. This course is still under development, so some details may change. Watch your January 1998 Echo for finalized course information and sign-up instructions.

- Course Objective:** Show intermediate level skiers (lift area or backcountry) who are also climbers how to combine these two sports and use their skis to venture safely into the backcountry for approaches to alpine climbs.
- Who should sign up:** Climbers with both **Boealps Basic Class certificate or equivalent AND intermediate level skiing ability** (lift area or backcountry) who want access to more winter climbing.
- Course Dates:** 5 Monday evenings between Jan. 18 and March 1, 1998
3 Day outings on selected weekends during this period
(Exact schedule still being determined.)
- Location:** Evening lectures at the Oxbow Recreation Center
Weekend outings somewhere in the Cascade Mountains!
- Topics Covered:**
- Backcountry skiing styles and equipment selection
 - Avalanche hazard assessment and rescue techniques
 - Winter route finding and survival techniques
 - Where to go to find the good snow
 - Glacier skiing (skiing roped + self arrest & crevasse rescue with skis)
- Estimated Cost:** Approximately \$90 (includes professionally taught avalanche safety course)
- How to sign up:** No sign-ups are being taken at this time
Paid sign-ups will be accepted in January 1998 once cost and schedule are finalized.
If you are interested, please call Brian Tryba at 425-255-5365 and leave your name and number. Knowing how many of you are interested will help with course planning !

CALL FOR INSTRUCTORS!

If you have experience in ski mountaineering and could volunteer to help instruct this course, WE NEED YOU!

Please contact Dan Goering at Email = daniel.j.goering@boeing.com
Home = 206-364-6783
Work = 425-717-2289

Avalanche Safety Seminar Coming!

A Boealps avalanche safety seminar is being organized for the Winter 1999 season. This seminar will be taught by a local avalanche safety professional and should last 2 evening sessions plus one weekend day outing. Avalanche safety knowledge is a must if you want to venture into the backcountry this winter!

Course Dates: January or February 1999

Topics Covered:

- Identifying hazardous slopes
- Understanding snow crystal types & their relation to avalanche hazard
- Evaluating slope stability
- Risk assessment and decision making
- Safe route finding
- Rescue techniques

Estimated Cost: Approximately \$90

How to sign up: Watch for details in your January 1998 Echo!

Need ideas for Winter climbs?

There's a definite lack of activities being offered this month - I'll assume that's just because we're all waiting for a good snow pack to settle in so we can pull out our winter climbing gear! If you're looking for some ideas for winter climbs, there's a great book that has been put out by Dallas Kloke titled "Winter Climbs, One Day Ascents - Western Cascades: Canadian Border to Snoqualmie Pass". Dallas describes over 150 winter climbs that can be done in "a day" in this book, taking into account the short daylight hours we have at this time of the year. It's a treasure chest of information on many smaller peaks, some of which I didn't even know had names. The information is sketchy, and the sketches are hand drawn, but if you don't want to wait for warm, dry conditions before you head to your next summit, this book is a great resource! Dallas just had a new batch of his books printed, so you may be able to find them at the Mountaineer's bookstore, or at some of the local climbing gyms. Your best bet, though is to contact Dallas directly at 4012 M Ave, Anacortes, WA 98221, or call him at (360)293-2904. He charges \$11 for the book and \$2 shipping - if you're headed up for some rock climbing on Mt. Erie, drop by his place and save yourself the \$2!

Can't stand the rain?

If you just can't stand the idea of getting out in the mountains this time of the year, you can still get your alpine fix by heading over to the Mountaineer's clubhouse December 2, 3 or 4. That's when they'll be running the Banff Mountain Film Festival. They'll show a variety of films, most on climbing, some on alpine environments or cultures, and a few really odd ones (there was a short film on a French hang gliding/costume competition two years ago - strange but good!). Cost is \$10 (\$8 if you're a Mountaineer).

Club Equipment for Loan

All of the equipment below is available for loan to club members. The gear is for members to try out different types of high priced items to help them decide which one to buy for themselves, or to borrow items that they would infrequently use so would not want to buy. It is not to replace gear that a member should buy for him/herself. Members can check out only one of each item (unless they have a family membership); we don't loan gear for non-members to freeload off their Boealps friends with. There is no charge for the equipment, but if you bend it, you mend it. The maximum loan period is for 2 weeks, although with special permission longer loan periods can be negotiated (for an out of the area trip, for example). Equipment must be returned to the same location it was checked out from, and can't be passed directly on to another Boealps member, since the condition of each item needs to be checked after each use.

The equipment committee is always interested to hear suggestions from members about what gear they feel would be a good addition to the inventory. Keep in mind, however, that club equipment is chosen for its versatility and toughness. The rare purchase of superlight, superexpensive tents and the like have proved to be inappropriate - the gear doesn't last as long. Likewise the suggestion of a club parka or sleeping bag would require more maintenance (cleaning), and would be size dependent. Also - is there a need for a Woodinville location, or are Everett, Renton and Seattle enough?

-- Silas Wild
silaswild@yahoo.com

Brand	Style	Description	Renton	Seattle	Everett
Pieps	SF457KHz	Avalanche Beacon transceiver (needs 2 AA batteries)	3	1	1
Ortovox	Dual frequency	Avalanche Beacon transceiver (needs 2 AA batteries)	5	2	2
Garmin	GPS 40	Global Positioning System receiver (needs 4 AA batteries)	0	1	0
Lowe	Humming bird	Alpine Ice Hammer	0	0	1
Simond	Chigal	Waterfall Ice Hammer	1	0	0
Simond	Piranha	Waterfall Ice Hammer	0	1	0
Camp	Hypercouloir	Ice Hammer with Alpine Pick	0	1	0
Black Diamond	X-15	Alpine Ice Hammer	1	0	0
Hagan	Alpin T1	180 cm touring skis (with skins) for mountaineering boots	1	1	1
Sherpa	Featherweight	Medium snowshoe - good for climbing	5	1	2

Sherpa	Lightfoot	Large snowshoe - good for deep, soft snow	1	0	1
Tubbs	Kathadin	Small snowshoe - best for total weight less than 170 pounds	2	1	0
Shoo	Large	Light snowshoe for recreational hiking	0	1	0
Shoo	Small	Super light snowshoe for recreational hiking	1	0	0
MSR	Denali Llama	Snowshoes with wing attachments	1	0	1
REI	Wedge	Lightweight 2 person 3 season tent (5 lbs)	0	0	1
Sierra Designs	Half Moon	Lightweight 2 person 3 season tent (5 lbs)	0	1	0
Walrus	Rocket	Lightweight 2 person 3 season tent (5 lbs)	1	0	0
Windy Pass	#24	2-3 person 4 season tent (8.5 lbs)	0	0	1
Sierra Designs	Stretch Dome	2-3 person 4 season tent (10 lbs)	1	0	0
North Face	Pole Sleeve Oval	3 person expedition tent (11 lbs)	0	1	0
Moss	Little Dipper	3 person expedition tent (12 lbs)	0	1	0
Moss	Star Gazer	2-3 person 4 season tent (8.5 lbs)	1	0	0
Wilderness Experience	Equinox	4 person 3 season tent (11 lbs)	0	1	0
Eureka	Sentinel	4 person 4 season tent (11.5 pounds)	0	1	0
Sierra Designs	Base Camp	4 person 3 season tent (12 lbs)	1	0	0
REI	Mountain Home	4 person 3 season tent (12 lbs)	1	0	0
Walrus	Eclipse	4 person expedition tent (14 lbs)	1	0	0
Moss	Big Dipper	4 person expedition tent (15 lbs)	1	0	0
Sierra Design	Kingdome	5 person 3 season tent (13 lbs)	1	0	0
REI	Great Pyramid	5 person recreational tent (15 lbs)	0	0	1
Windy Pass	Shangri La	4-6 person 3 season tent (15 lbs)	0	0	1
North Face	Himalayan Hotel	4-6 person 4 season tent (16 lbs)	1	0	0
A5/North Face		2 person portaledge with expedition fly	0	1	0

Equipment Officers:

Renton: Mike Jacobsen, (253)657-1438, michael.t.jacobsen@boeing.com

Seattle: Silas Wild, (206)527-9453, silaswild@yahoo.com

Everett: Andy Roth, (425)342-1308, andrew.s.roth@boeing.com

RELEASE FROM LIABILITY AND HOLD HARMLESS AGREEMENT

I, _____ (print name(s)), certify that I am aware of all the inherent dangers of mountaineering, including but not limited to the hazards of traveling in mountainous terrain, accidents, or illness in remote places without medical facilities, the forces of nature, and the actions of participants and other persons.

I understand that it is not the function of the activity leaders to serve as the guardians of my safety. I also understand that I am to furnish my own personal equipment and I am responsible for its safety and good operating condition regardless of where I obtained it. I understand and agree that neither the Boeing Employees Alpine Society (BOEALPS) nor its officers, agents, operators, instructors, leaders of club sponsored activities, other assistants and the Boeing Company may be held liable in any way for any occurrence in connection with club activities which may result in injury, death, or other damages to me. In consideration of being allowed to participate in club activities, I **HEREBY PERSONALLY ASSUME ALL RISKS** in connection with said activities, and I **RELEASE** the aforementioned club, officers, agents, operators, instructors, activity leaders and assistants from responsibility for any harm which may befall me while I am engaged in club activities, including all connected risks, whether foreseeable or unforeseeable. I **FURTHER AGREE TO INDEMNIFY** the aforementioned entities and Company and persons from any liability, claims, and causes of action which I may have arising out of my enrollment and participation in this club.

I further state that I am 18 years of age or older and legally competent to sign this release (or in the event that I am a minor, my parent or legal guardian must sign this release), that I understand these terms are contractual and not a mere recital, and that I have signed this document as my own free act. The terms of this agreement shall serve as a release and indemnity agreement for my heirs, assignees, personal representatives, and for all members of my family, including any minors.

I HAVE FULLY INFORMED MYSELF OF THE CONTENTS OF THIS RELEASE AND INDEMNITY BY READING IT BEFORE I SIGNED IT.

(Signature) (Date)

Additional Family:

(Print Name) (Parent or Legal Guardian) (Signature) (Date)

(Print Name) (Parent or Legal Guardian) (Signature) (Date)

(Print Name) (Parent or Legal Guardian) (Signature) (Date)

(Print Name) (Parent or Legal Guardian) (Signature) (Date)

Boealps Board Meeting Minutes

November, 1998

This month's meeting was held at Tom Rogers' house. Those in attendance included: Chris Rudesill, Rob Kunz, Frank Summers, Roy Ratliff, Eric Bennett, Tom Rogers, and Tom Yocum.

The meeting kicked off with a discussion concerning the preparations necessary for the upcoming 1999 Basic Class. The orientation will be held on February 17th 1999 at the Oxbow Recreation Center. Reservations were made by Chris Rudesill. Rich Baldwin has reserved the Customer Service Center on Wednesday nights from February 24th through June 16th for the class lectures. The 1998 Basic Class debrief / 1999 Basic Class planning session will be scheduled by next year's coordinator (when he returns from trekking in Nepal). There is a need for instructors and volunteers - interested parties please contact Elaine Worden (see Echo cover for email, phone and M/S). Volunteers willing to post flyers on company bulletin boards are also being sought out. A basic class / new member packet needs to be organized.

See this issue of the ECHO for information on a winter climbing seminar headed up by Dave Stevens.

A call for climbing unity between the Boealps and the Mountaineers was presented by the absent Rich Baldwin. (He's good!) A knowledge transfer could be achieved by having one of our instructors help teach the Mountaineer's Basic Class and having one of the Mountaineer's instructors help teach our Basic Class. The idea is to share different philosophies, promote safety, bring in additional experience, and increase the camaraderie between the two clubs. Mixed emotions were expressed.

An avalanche seminar is being considered, stay tuned for more information.

A series of drop tests are being considered contingent upon the proper funding being obtained. The tests would simulate typical climbing conditions that the original equipment manufacturers exclude from their tests. (1- 3 year old ropes, fall on a rope in various real world scenarios, test results for used equipment, etc.) Tom Rogers proposed the equipment testing study and took the initiative to investigate what administrative issues need to be addressed. Here is a brief summary of his research on the issue. Boeing facilities can be used if the funding is obtained by: a private contribution, donated lab hours, donated lab time for shop labor, or community service funding. The staff at the test lab has volunteers to set up and run the tests, but funding for resource support needs to be obtained. The most feasible option is the community service funding. Funding is granted when the service rendered is for the greater community at large. The published test results would offer an increased safety awareness for the American Alpine Institute, Seattle Mountain Rescue, climbing clubs, etc. Boeing Recreation can fund projects like this if an impressive case is presented to them. Any ideas????

If anyone is interested in volunteering to help out with the club's General Meeting refreshments, please contact Eric Bennett.

Tom Yocum
November 18, 1998

Basic Climbing Class 1999 - Call for Instructors

The 1999 Basic Climbing Class orientation will be held at 7:00 on February 17th at the Oxbow Recreation Center. The Class will be run from February 24th through June 16th, and will again hold lectures every Wednesday evening, and outings most weekends. If you would like to instruct for this year's class, and did not instruct for the 1998 class, please contact Elaine Worden at 425-965-0049 or elaine.worden@boeing.com. Everyone who instructed last year should receive a commitment form by mid-January. If you do not receive your form, please let Elaine know. If you have never instructed for the Basic climbing class and would like to become a new instructor, contact Elaine to receive information and an application. As a new instructor, you are required to have a current MOFA card (see the information on the next MOFA class in this issue). It is necessary to know how many instructors there will be for next year's class before February 17th, so please let Elaine know as early as possible.

Members on the web

We've started a list of Boealps members who have put up personal web sites. You can find the current list at: <http://www.accessone.com/~boealps/homepages.html>. If you'd like to be added to the list, drop an email with your URL to matt.robertson@boeing.com or rob.james@gecm.com. Next time you're on the web, check out these sites:

Rob and Cathy James: http://ourworld.compuserve.com/homepages/rob_james/

Matt and Maren Robertson: <http://home1.gte.net/mandm/>

Terry Hill: <http://members.aol.com/bluebiner/>

Tom Johnson: <http://www.plasticcreations.com/climbing.htm>

Steve Fox: <http://www.eskimo.com/~sfox/SJF/h1998.htm>

(Steve also maintains a mailing list devoted to climbing in the Pacific Northwest. To join in, send an email to pnwclimb-list-request@eskimo.com with the word "subscribe" as the subject or body of the message.)

Some other non-Boealps related links I find very useful:

Washington Trails Association - killer site for recent trip reports:

<http://www.wta.org/scripts/wta/cgi-pvt/fresh.pl>

Northwest Weather and Avalanche Center:

<http://www.nwac.noaa.gov/>

Snoqualmie and Stevens Pass webcams:

<http://traffic.wsdot.wa.gov/sno-info/camera.htm>

A Disturbing Trend?

This past summer I climbed Mt. Goode in the North Cascades twice. The first time via the Northeast Buttress and the second via the S.W. Gullies. On the N.E. Buttress climb we got caught in weather on the top and ended up with a high, wet and cold bivvy. In the morning it was still raining and the rock was iced. To protect the descent via the S.W. Gullies I placed a fixed pin at one point to facilitate a short rap, established a new rap just below the top, and utilized all existing raps (which were much appreciated!).

On the second climb, via the descent route of the first, I observed the following:

- 1) my fixed pin and rap sling had been removed,
- 2) the new rap below the summit was removed (sling on horn), and
- 3) a well established rap at the top of the S.W. gullies (Black Tooth Notch for those familiar) which consisted of many slings and three rappel rings, was removed.

I routinely carry a baby angle and a couple of titanium knife blades on long, committing alpine routes. I rarely use them but consider them insurance for situations like we found ourselves in. None of the above removed anchors were required under good conditions and, in fact, we did not need or replace them on the second climb. However, fixed anchors (and I would include pins in this category) should not be randomly removed by parties for any reason. Goode, and for that matter most Cascade alpine routes, are not in need of a clean-up campaign. If you don't need an anchor or rap leave it be for those who do. Remember, conditions may be different for the next party (e.g. wet or icy rock, darkness, injured or fatigued party, etc.).

I'm probably preaching to the choir on this one and hope this is an isolated occurrence and not related to the recent excitement about "fixed anchors in the Wilderness". I would appreciate other Boealpers comments and observations from other peaks/routes.

Don Goodman
10/28/98

BY - LAWS

BOEING EMPLOYEES' ALPINE SOCIETY, INCORPORATED

Article I - Name and Organization:

- Section 1. The organization shall be known as the Boeing Employees' Alpine Society, Incorporated, and by the acronym BOEALPS.
- Section 2. The organization shall be a non-profit corporation under laws of the State of Washington, Article of Incorporation file number 182538, dated December 9, 1966, and any amendments thereto.

Article II - Officers:

- Section 1. The officers of the Boeing Employees' Alpine society shall consist of a President, Vice President, Secretary and a Treasurer.
- Section 2. President
- a. The President shall preside at all regular and special meetings.
 - b. The President shall be chairman of the Board of Directors.
 - c. It shall be the President's privilege and duty to call extra business meetings, appoint committees not otherwise provided for and fill committee and protem vacancies.
 - d. The President shall perform such other duties as the office may require.
 - e. The President shall perform the duties of the Vice President in the latter's absence.
 - f. The President shall become immediate Past President upon the expiration of the term of office.
 - g. The President shall attend meetings of the Boeing Employees' Recreation Council as required by the council.
 - h. The President shall sign, with the Treasurer, checks issued by the corporation and contracts or bonds approved by the Board of Directors.

Article II - Officers: (Cont'd)

Section 3 Vice President

- a. The Vice President shall oversee and coordinate the efforts of all major and special committees.
- b. The Vice President shall perform the duties of the President in the absence of that officer and succeed to that office in case of emergency.
- c. The Vice President shall prepare, or review and approve prior to release, all news releases, meeting notices, posters and related material for club publicity and public relations.

Section 4. Secretary

- a. The Secretary shall keep the minutes of all regular monthly and executive board meetings and shall read these at the next meeting or assure their publication in the monthly news letter.
- b. The Secretary shall provide a full copy of the By-Laws to the Recreation Unit and each member whenever amended. The Secretary shall provide copies of the By-laws or the Articles of Incorporation to members on request.
- c. The Secretary shall prepare a narrative of the last year's activities and recommendations for the coming year, to be completed and approved by the outgoing Board of Directors by October 1st and copies submitted to the Recreation Unit and to all members.
- d. The Secretary shall prepare official correspondence and club records and shall support other board members in this function when requested.
- e. The Secretary shall collect and maintain a file of official correspondence, publications and legal documents.

Section 5. Treasurer

- a. The Treasurer shall keep an accurate account of all financial transactions.

Article II - Officers: (Cont'd)

Section 5. Treasurer (Cont'd)

- b. The Treasurer shall be responsible for all funds of the corporation, receive and disburse all money, subject to the will of the Board of Directors.
- c. Disbursement shall be made by check only. A checking account will be set up and no check will be honored by the bank for payment unless signed by the Treasurer, such signature to be countersigned by the President or one other elected officer.
- d. The Treasurer shall maintain accounts and render financial reports at each meeting of the organization and of the Board of Directors. All financial records shall meet specifications set by the Boeing Recreation Unit.
- e. The Treasurer shall submit a financial report to the Boeing Employees' Recreation Council as required by the council.
- f. The Treasurer shall see that an annual budget forecast is prepared and presented to the Boeing Employees' Recreation Council.

Article III - Standing Committees:

Section 1. Membership Committee

- a. The Membership Committee shall provide information about the organization to prospective and new members.
- b. The committee shall consist of a chairman and at least two (2) members appointed by the chairman.
- c. The committee shall see that each new member is introduced at the first meeting the member attends.
- d. The committee shall keep a record of attendance at all regular and special meetings and major functions and furnish this information to the Secretary.
- e. The committee shall maintain an up-to-date roster of members and submit copies to the membership and the Recreation Unit at least annually.

Article III - Standing Committees: (Cont'd)

- a. The committee shall consist of a chairman and at least one (1) other member appointed by the chairman.
- b. The committee will make recommendations to the Executive Board for approval regarding books and periodicals acquisition.
- c. The committee shall make provision for filing, check-out and return of all properties acquired by the library.
- d. The committee will actively solicit the donation of material for the library.
- e. The committee shall make the general contents of the library known to the membership at least annually through the club newsletter.

Article IV - Board of Directors:

Section 1. Members

- a. The President, Vice President, Secretary, Treasurer and immediate Past President shall be members of the Board of Directors.
- b. A Recreation Supervisor assigned by The Boeing Company shall serve as an ex-officio member of the Board of Directors but shall have no voting privileges.

Section 2. Duties

- a. The members of the Board of Directors shall be the official Directors of the Corporation and shall have all the responsibility and authority provided by the Articles of Incorporation.
- b. The Board of Directors shall oversee all operating expenditures, promotion of activities, and the general government of the organization. Acquisition of any property, real, personal or interest therein in excess of \$250 per item shall be referred to the membership at a regular or special meeting.

Article IV - Board of Directors: (Cont'd)

Section 2. Duties (Cont'd)

- c. The Board of Directors shall meet at least once every three months. The date and time of meeting shall be set by the President.
- d. The Board of Directors shall approve appointments by the President to fill unexpired terms of officers.

Article V - Meetings:

- Section 1. Regular meetings shall be held once each month. Regular meetings may be cancelled or re-scheduled by the Board of Directors provided members are notified at least one week in advance.
- Section 2. Special meetings may be called at any time as provided for in Article II., Section 2., Paragraph c.
- Section 3. All meetings shall be governed by Roberts Rules of Order.
- Section 4. A quorum shall be present at a special or regular meeting before official business or elections can be conducted.
 - a. For the Purpose of establishing a quorum, a family shall be considered as one member.
 - b. A quorum for regular or special meetings shall be fifteen (15) percent of the total membership or the average number of members attending the preceding two regular meetings, whichever is less.
 - c. A quorum for the Board of Directors meetings shall be fifty (50) percent of the total board membership.
- Section 5. A majority of the members voting at any regular or special meeting shall be required to pass on all motions except as stated in Article VI., Section 2., in Article VII., Section 3 and Article VIII., Section 6. For purposes of establishing this majority a paid membership shall have one vote except as stated under Article VII., Section 1., Paragraph e.

Article VI - Amendments:

- Section 1. These By-Laws may be amended by the distribution of the proposed amendment to all members in writing at least one week prior to the special or regular meeting of the organization at which the amendment is to be considered.

- Section 2. A two-thirds majority of the members voting shall be required to adopt an amendment. Any proposed amendment not adopted by a two-thirds majority at the meeting at which it is initially considered shall be considered at the next regular meeting, at which time it shall require a two-thirds majority vote to be adopted
- Section 3. Written notice of the meeting shall be given at least one week prior to the meeting at which the amendment is voted upon.
- Section 4. All proposed amendments shall be submitted to the Recreation Unit for clearance before final consideration by the membership at a regular or special meeting.
- Section 5. Each time these By-Laws are amended, a copy shall be sent to each member and the Recreation Unit by the Secretary.

Article VII - Membership:

- Section 1. Membership shall be open to the following, without regard to race, creed, color, sex, age, or national origin. All other proposed membership shall be subject to prior clearance through Recreation Unit.
- a. Boeing employees.
 - b. Retired Boeing employees.
 - c. Vendor, customer and military service representatives stationed at The Boeing Company who carry a permanent Boeing badge.
 - d. Spouse and dependent children of above members.

Article VII - Membership: (Cont'd)

Section 1. (Cont'd)

- e. Other persons on the Boeing Employees' Alpine Society roster shall be termed "Friends of BOEALP'S." They shall be charged an annual fee covering expenses for the Echo, meetings, and other club activities.

The "Friends of BOEALP'S" may enjoy all privileges extended to members except voting and holding a position as an elected officer in the club. Candidates being considered for addition to the club roster under the title of "Friends of BOEALP'S" shall be sponsored by a member in good standing, and possess character traits that will benefit the club. The status of persons known as "Friends of BOEALP'S" shall be determined by majority vote of the Board of Directors annually.

Section 2. Dues shall be determined by the Board of Directors. They shall be payable yearly on January 1 and shall be delinquent on February 1.

- a. Retired Boeing employees may hold membership without paying dues by registering each year from January 1 through the 31st with the membership chairman. Membership shall be subject to the provisions of Section 1 and 3 of Article VII.
- b. One (1) dollar from each paid membership's dues shall be applied towards the principle of the Agriss Moruss fund.

Section 3. Members may be expelled from the organization for cause by the Board of Directors. Expulsion may be appealed to the general membership at a regular or special meeting, with a two-thirds vote of those in attendance required to reverse an expulsion.

Section 4. Persons who are eligible for membership but have not paid current membership dues may be considered guests for occasional meetings or activities. Frequent or regular attendance of club functions by such persons for a period of three months or more shall be considered evidence of interest in the club warranting notification by the Membership chairman that current dues are payable, They shall not be eligible to participate in club functions or to enjoy benefits offered by the club after one month from such notice until dues are paid.

Article VIII - Elections:

Section 1. The offices of President, Vice President, Secretary and Treasurer shall be filled by election at the first regular meeting in September. The new officers shall assume their duties at the first meeting in October.

Section 2. Nominations for officers shall be made by a three member Nominating Committee appointed by the president at the August meeting. They shall

present a list of nominations to the membership at least one week prior to the September meeting. Nominations from members attending the September meeting shall also be recognized and voted upon. Each nominee shall agree to serve if elected before that name may be submitted either by the Nominating Committee or by any member.

Section 3. To be eligible to hold office, a person must be a Boeing employee and a member in good standing.

Section 4. No member is eligible to hold more than one elective office at a time or to be retained in the same office more than one year consecutively.

Section 5. All elections shall be by secret ballot.

Section 6. The candidate receiving the largest number of votes shall be considered elected.

Article IX - General provisions:

Section 1. Property or equipment purchased by the Boeing Employees' Alpine Society with Boeing employees' Alpine Society funds shall not be considered the property of any individual member or group of members, but shall be know as Club Property.

- a. As Club Property, it shall be entrusted to the custodial care of the Equipment Chairman as provided for in Article III.
- b. In the event that the Boeing Employees' Alpine Society ceases to exist as a corporate body, Club Property shall revert to such Recreation Unit, to be handle in a suitable manor until further group interest and use is indicated.

Article IX - General provisions: (Cont'd)

Section 1. (Cont'd)

- c. All equipment checked out and assigned to members by the Equipment Chairman shall be the responsibility of the member regarding loss, negligent use, willful destruction, etc. Compensation for the foregoing will be subject to determination by the Board of Directors. Compensation shall not exceed

replacement cost of an item at issue or cost of a comparable piece of equipment. The members will waive all legal rights whatsoever should the Board of Directors determine redress or compensation by the member is appropriate after a hearing of the facts. Further, no member may sub-let or transfer equipment without the approval of the Equipment Chairman.

- Section 2. Acquisition of any property, real, personal or interest therein, in excess of \$250 per item, shall receive prior clearance through the Recreation Unit.
- a. Real property shall be defined as land or buildings.
 - b. Personal property shall be defined as any property which is movable (i.e., tables, chairs, band saw, typewriter, tent, etc.).
 - c. Interest therein property shall be defined as that property which is leased or rented.
- Section 3. The fiscal year for the Boeing Employees' Alpine Society shall be from January 1 to December 31, inclusive. All budgeting and financial accounting shall be rendered on this basis.
- Section 4 Non-members shall be eligible to subscribe to the Club newsletter and Club publications for fees set by the Board of Directors.

We, the undersigned, officers of the Boeing Employees' Alpine Society, a Washington non-profit corporation, do hereby certify: The foregoing By-Laws were adopted by the corporation on the 6th day of January, 1983.

Robert R. Kunz, Vice President

Richard F. Baldwin, President

Dated _____
at Seattle, Washington

Jacob A. Davis
Recreation Unit
The Boeing Company

Date

ADDRESS CHANGE FORM

NAME: _____

NEW WORK PHONE: _____ NEW MAIL STOP: _____

NEW HOME PHONE: _____ NEW HOME ADDRESS: _____

SEND ADDRESS CHANGES TO ELAINE WORDEN, M/S 6H-CJ
OR: 1400 E. Mercer St. #4, Seattle, WA 98122
OR: elaine.worden@boeing.com

NEWS ITEMS AND EDITORIAL COMMENT IN THIS PUBLICATION
DO NOT NECESSARILY REFLECT THE VIEWS AND OPINIONS OF
THE BOEING COMPANY

ALPINE ECHO



December ECHO staff

Editor: Matt Robertson
Production: Ilan Angwin
Activities/calendar report: Len Kannapell
Editorial: Don Goodman
Minutes: Tom Yocum
Trip reports: Isn't anyone climbing?

Thanks to everyone!